



*Pinetree* | EST. 1979  
GARDEN SEEDS | SUPERSEEDS.COM

2024

Feeding families, friends & neighbors for over 40 years.

# New for 2024!



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72009. DEEP PURPLE CARROT



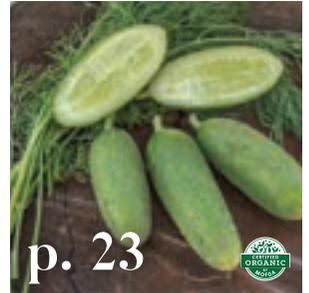
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10122. DERBY BUSH BEAN



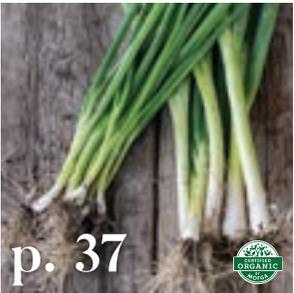
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34004G. BORO BEET



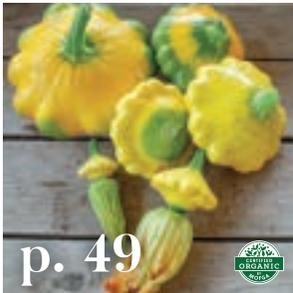
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13708G. ADAM CUCUMBER



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24805G. PARADE GREEN ONION



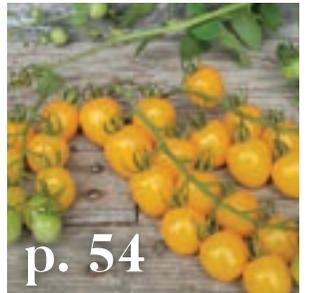
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34602G. Y-STAR SUMMER SQUASH



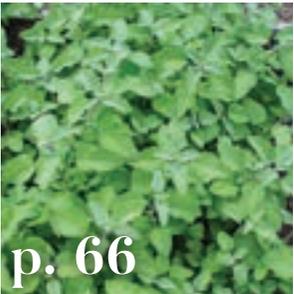
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40206. LITTLE BING TOMATO



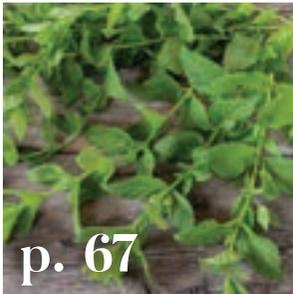
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40311. APPLE YELLOW TOMATO



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56904. MANDARINA LEMON BALM



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58503. SPEARMINT



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85108. CORAL CANDY COLEUS



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83207. EASY WAVE BURGUNDY STAR PETUNIA



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66816. CALIFORNIA MIX POPPY



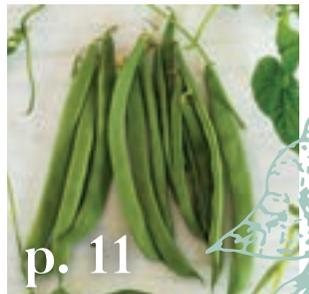
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67404. IMPERIAL MIX SCABIOSA



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69806. OKLAHOMA SALMON ZINNIA



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10120. 1500 YEAR OLD CAVE POLE BEAN



Dear Gardening Friends,

Welcome to the newly refreshed and redesigned Pinetree catalog! We are still the same small family owned business, tucked away in our 1700s Maine farmhouse and hand packing your seeds, but we have brightened up our look for the 2024 season. Some exciting new varieties have joined the product line up and we are thrilled to introduce a new line of garden tools that will last a lifetime. This was an incredibly challenging weather year for gardeners and we heard from many of you that whether it was rain, heat, or drought, this year made you dig deep to appreciate the work of Mother Nature. We are always eager to hear your questions and help you troubleshoot, so please reach out for some friendly advice (or just to vent about the deer eating all your goodies).

Everyone at Pinetree is always striving to improve your experience (and your harvests!) and we are excited to help with all your future gardening endeavors. This company has always focused on the family, and this year we said goodbye to one of our long term employees who many of you have spoken to on the phone over the years- Happy retirement, Lorrie! We also welcomed our new GM, Brad who is an avid gardener and is already bringing his eye for design and quality to fruition with lots of improvements throughout the company. Our staff is full of truly wonderful, caring, energetic folks and we are thrilled to spend another year with all of you- feeding families, friends, and neighbors.

Happy growing!

 PINETREEGARDENSEEDS  
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 PINETREE GARDEN SEEDS



# Organic Seeds



A small selection of our certified organic seed varieties – explore our pages for many more.

look for this symbol throughout the catalog!



**1509G. JACOB'S CATTLE (83 DAYS)**  
 GERM 4-10 DAYS HEIRLOOM – ANCIENT  
 This is the most popular traditional soup and baking bean here in Maine. What Saturday night Bean Supper would be complete without Jacob's Cattle and its remarkable effects on the digestive tract? Also known as Trout or Dalmatian bean, it is one of the earliest beans to dry even in our too short summers. An attractive combination of white and a deep maroon, it can also be used earlier as a shell bean. Similar in appearance to a Native American bean called Anasazi. Bush type.  
 1oz (approx. 80-90 seeds) – \$4.95



**72007G. YAYA (F1 HYBRID 55 DAYS)**  
 GERM 6-14 DAYS  
 Early Nantes type with snappy texture and sweet, 6" slender, bright orange uniform roots. Suitable for baby and full-size harvests. Make successive sowings for a steady supply of tender, tasty carrots through the summer into the fall; they will hold well in the ground and are good storage. 300 seeds – \$3.50



**81009G. SKYWALKER (F1 HYBRID 80 DAYS)**  
 GERM 6-14 DAYS  
 Regarded as the best organic variety for late summer and fall harvest. A reliable cauliflower with medium-size, semi-self-blanching heads and milky white, densely packed curds. 30 seeds – \$4.50



**88003G. CHINESE PINK (60-80 DAYS)**  
 GERM 14-21 DAYS HEIRLOOM  
 Slender and stunning cotton candy pink stalks are earlier and easier to grow compared to the large stalked European varieties with more crunch and flavor; herbal with a hint of salty notes. Use both the leaves and stalks, try it raw or pickled, or add to stir-fries, soups, stews, and stocks. 100 seeds – \$2.50



**8801G. TANGO (80 DAYS)**  
 GERM 14-21 DAYS  
 Outstanding performance in a short season. Handles heat and drought stress better than most celery, very forgiving for the weekend gardener. Tender, non-stringy stalks on self-blanching, vigorous plants. Resistant to fusarium. 100 seeds – \$3.25



**11205G. GLASS GEM – ORGANIC (100 DAYS)** GERM 7-14 DAYS  
 Extraordinary kernels! Bred from native varieties, kernels have an endless array of colors and placement on the cob. Vibrant, translucent kernels are used for flour, popcorn and decoration. Demand has been high for this rare variety the past few years, we are excited to offer this. Grows 7-9 feet with 3-8" ears. 100 seeds – \$7.25



**11601G. NATURAL SWEET (F1 HYBRID 73 DAYS) SH2** GERM 7-14 DAYS  
 We are excited to be offering our first certified organic corn. This main season crop is bi-colored with super sweet, plump kernels. The 8-inch ears are set high on the 5-foot stalks. Resistant to common rust. 150 seeds – \$6.95



**7601G. CULINARY BLEND (60-70 DAYS)**  
 GERM 6-14 DAYS  
 A colorful mix of yellow, white and orange carrots. Harvest for baby roots or grow to maturity for roasting, steaming or sauteing. The flavors will not disappoint you. 300 seeds – \$3.25



**1508G. NORTHEASTER (56 DAYS)**  
 GERM 4-10 DAYS  
 Our earliest pole bean. The 7-8 inch flattened, stringless pods stay tender between pickings. It's ability to mature quickly makes it possible for second plantings. The name of this variety might chill those of us who live in the northeast but this nor' easter will give you shovels of beans not snow! 50 seeds – \$5.50



**6102G. GREEN EXPRESS (50 DAYS)**  
 GERM 7-12 DAYS HEIRLOOM  
 One head is the perfect size for a batch of coleslaw. Uniform 2-3 pound cabbages are quick growing and great for an early harvest. Pair with Red Express for a colorful combination. 30 seeds – \$3.25



**142G. H-19 LITTLE LEAF (57 DAYS)**  
 GERM 6-10 DAYS  
 Fresh for slicing or pickling, this is a reliable variety with multi-branching compact vines and small foliage for ease of picking. A parthenocarpic variety that needs no pollination, making it a good choice for protecting against insects when growing under row cover. Utilize this cuke in the garden, containers, or greenhouse. Yields even under stress and intermediate resistance to mosaic virus, downy and powdery mildew. 20 seeds – \$2.25



**9005G. MAGENTASPREN – LAMBSQUARTERS (30 DAYS)**  
 Giant relative of Lambsquarters grown for its glowing magenta young leaf tips. Easy to grow in heat or cold, it can be harvested at 8" in 30 days or left to continue upward to 8'. A taste similar to spinach, each tip is magenta coated with powdery iridescence. Spectacular in a salad mix or use any way you would many greens. Cultivated in the other parts of the world and first introduced here in the early 1980's. Will self seed if left to grow. 500 seeds – \$2.95



**19101G. ASTRO (32 DAYS)**  
 Quick growth for clipping smooth leaf baby greens in 3 weeks, slightly mild flavor than other varieties, then maturing into a strapped leaf with deep lobes for bunching. Slower bolting and strong ability to grow in colder temperatures for year round harvest. 500 seeds – \$2.50



**599. AUNT MOLLY'S (70 DAYS)**  
 GERM 10-25 DAYS / (PHYSALIS PRUINOSA)  
 POLISH HEIRLOOM 1837  
 Marble sized. Sweet, tangy citrus flavor with a hint of vanilla. Abundant harvests of golden fruit enclosed in papery husks turning green to yellow/brown, dropping to the ground when ripe, continuing to sweeten while waiting to be harvested. Sweet or savory uses: add these to salads, smoothies, preserves, pies, and even dry like raisins. When stored with the husk on they can last a month. Grows to 2' high x 4' wide. 40 seeds – \$2.25





**27901G. CARMEN (F1 HYBRID 60-80 DAYS)**  
GERM 10-14 DAYS

An award-winning Corno di Toro/bulls horn type with early maturity and deliciously sweet flavor. Productive and reliable, flowering and setting fruits over a wide temperature range, perfect for shorter growing season. Harvest these elongated peppers at 6-8", green or red. **15 seeds - \$4.95**



**27715G. SHISHITO (60 DAYS)**  
GERM 10-14 DAYS HEIRLOOM

A superb market variety that is starting to pop up at farmers' markets and restaurants around the country. This Japanese heirloom is similar to the Padrón pepper in appearance but is slightly more wrinkled. One in ten peppers has the potential to be spicy but, don't fret, they will be less fiery than jalapeños. Traditionally sautéed over high heat until blistered on all sides, these peppers are a savory surprise to look forward to. **20 seeds - \$3.95**



**30001G. BRIGHTEST BRILLANT RAINBOW BLEND (90-120 DAYS)** GERMS 3-7 DAYS

High protein, nutritious grain, produces large seed heads and young, edible leaves. At maturity includes attractive red, yellow, orange, white, and green seed heads. A cool weather crop, grows best in northern areas where daytime temperatures do not exceed 90-95°, above this can prevent seed heads. Should be sown in cool soil, at 45-60°. Sow in straight rows, keep well weeded, and thin 8-18" apart when the seedlings are 6" high. Grows 4-6' tall, in well drained, rich soil. After harvesting, wash a few times to remove the bitter saponin coating that covers the seeds. Cook like rice to enjoy a delicious gluten-free nutritional powerhouse! **500 seeds - \$2.95**



**30705G. SORA (22 DAYS)**

Classic, reliable radish for organic growers. High quality round roots have red skin and white flesh. Tolerates heat and resists pithiness better than most radishes. **300 seeds - \$3.25**



**33305G. ACADIA (F1 HYBRID 27 DAYS)**  
GERM 7-14 DAYS

Adaptable for spring or fall plantings with active regrowth for cut and come again harvests. Deep green semi-savory leaves overwinter well, slow to bolt in all seasons. High resistance to downy mildew. **75 seeds - \$2.25**



**34505G. GREEN MACHINE (F1 HYBRID 45 DAYS)**  
GERM 7-10 DAYS (CUCURBITA PEPO)

The most disease resistant zucchini we offer. All of the gears in this machine are smooth-running with productive, healthy plants all season long. Growers will enjoy harvest friendly plants with reduced stem spines. Intermediate resistance to cucumber mosaic virus, powdery mildew, watermelon mosaic virus, and zucchini yellow mosaic virus. **10 seeds - \$4.50**



**9305G. RAINBOW BLEND (55 DAYS)**  
GERM 5-10 DAYS

A brilliant blend of colors decorative enough to grow in a flower garden. Yellow, red, orange, white and pink stems have dark green savoy leaves. Use all season; the baby greens can be added to salad mixes while the large leaves can be filled with veggies and grains and used as a carb free wrap. When cooked the colors hold and brighten your dishes. **75 seeds - \$3.25**



**42909G. PINK BERKELEY TIE DYE (75 DAYS)** GERM 7-14 DAYS / INDETERMINATE

Trying this one for the first time is a true flavor experience. Extremely robust flavors; complex and hard to describe: sweet, rich, tart, salty with a hint of smokey and a dripping juicy texture. Fruits are 8-12 oz, round to oblate with green metallic stripes over pink skin. **20 seeds - \$2.75**



**40501G. STRIPED GERMAN (80 DAYS)**  
GERM 7-14 DAYS/INDETERMINATE HEIRLOOM  
Massive fruits, our first one coming in at 1.3 pounds; with yellow orange skin, a red starburst bottom streaking upward and inward into the silky, fruity tasting flesh. An incredible tomato! **25 seeds - \$2.50**



Certified by MOFGA, the Maine Organic Farmers and Gardeners Association. Both conventional and organic varieties are available throughout the catalog.



Our seeds are always and forever Non GMO. We are signers of the Safe Seed Pledge and work to support efforts to maintain biodiversity and sustainable agriculture.



**20309G. BLUSHED BUTTER OAK (50 DAYS)** GERM 4-10 DAYS

Wavy lime-green leaves tinged with blush-red are soft and velvety in texture. Heads form a loose, buttery heart and stand out for their exceptional cold hardiness and luscious flavor. One of the most beautiful lettuces we have grown. **300 seeds - \$2.75**



**24707G. CORTLAND (F1 HYBRID 105 DAYS)**  
GERM 5-10 DAYS / LONG DAY

Uniform globe shaped bulbs have thick copper colored skin and slender necks for easy drying and long storage. Developed by the breeders of some of the best storage onions available. High resistance to Fusarium basal rot and pink root. **150 seeds - \$3.95**



**42601G. AMISH PASTE (85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE HEIRLOOM 1870  
Origin is said to be from the Amish communities in Wisconsin, but discovered among the Amish of Lancaster County, Pennsylvania. Sweeter than other paste tomatoes, the shape can vary from large plum to teardrop. Juicy, 8-12 oz fruits with meaty flesh and few seeds; useful in sauces, for slicing or canning. **20 seeds - \$2.50**



**42902G. BLUE BEAUTY (80 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE

Shoulders start out sapphire blue, darkening to a deep purple-red as they ripen. Abundant amounts of 6-8 oz meaty slicing tomatoes with clusters of fruits hold very well on the vine having great crack and sunburn resistance. **20 seeds - \$3.25**



**41405G. BLUE BEECH (80-85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Heirloom sausage-type paste tomato, similar to Opalka. An excellent canning tomato with thick, meaty flesh and little seeds; perfect for homemade sauce. Tastes great sliced and eaten fresh too. It is well adapted to northern climates, resists disease, and blossom end rot better than others. This strain was originally brought to Vermont from Italy during WWII. **25 seeds - \$2.95**



**42901G. BLUEBERRIES (85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Produces an avalanche of cherry size, amethyst colored clusters. Nice balanced tomato flavor with a perfect amount of sweetness and juiciness. **20 seeds - \$3.25**



**401G. DEFIANT (F1 HYBRID 70 DAYS)**  
GERM 7-14 DAYS / DETERMINATE

Traditionally bred for resistance to late blight. Our plants were loaded with clusters of round 6-8 oz fruits, around 30 fruits from one plant, this season. One of the first to ripen in our tomato trials, having a good, basic fresh tomato flavor. **10 seeds - \$7.95**



**40304G. VALENTINE (F1 HYBRID 55 DAYS)**  
GERM 7-10 DAYS / INDETERMINATE

Tremendous yields of early maturing fire red colored grape-type tomatoes. An AAS winner that is rich and flavorful, firm in texture with meaty Roma-like flesh. Crack-resistant fruits are about the size of an extra-large grape, 1 1/2" long by 3/4" wide, weigh 1/2 oz each, and have an extended shelf life after harvest. Intermediate resistance to early blight. **10 seeds - \$4.95**



**40310G. VERONA (F1 HYBRID 67 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE

An exciting improvement on the Juliet tomato, producing markedly tastier, more plump fruits on moderately vigorous vines. "Cocktail plum" fruits have deep red skin and weigh about 2 1/2 oz on average. This hybrid has high resistance to Fusarium and Verticillium wilt, and intermediate resistance to early blight. **5 seeds - \$4.95**



# Zinnias

The flower of the summer! Easy to grow season-long blooms with vibrant color, long-lasting cut flowers, and friends to the butterflies. Zinnias have brought happiness to our home gardens for generations.

Many more Zinnia varieties may be found on pages 94 - 95.

## OKLAHOMA SERIES

These zinnias were developed specifically for cut flowers, offering bright colors on long strong stems with an excellent vase life. The prolific, cut and come again 2" semi-double to double flowers fit well in mixed bouquets. Grows to 40".



69806. SALMON **NEW!** 25 seeds - \$1.95



69005. WHITE 25 seeds - \$1.95



69804. FORMULA MIX 50 seeds - \$2.95

## BENARY'S GIANTS

The giant, fully double flowers are 4-5" in diameter and sit on top of long and sturdy, branching stems. You will get many cuttings from these vigorous growers all season. The immense blooms make spectacular long-lasting cut flowers. 25 seeds - \$2.75



696. LIME  
Soft lime green,  
grows 32-40"



69601. WINE  
Merlot- burgundy,  
grows 40-50"



69802. MIX  
Rainbow of colors,  
grows 40-50"

## QUEENY SERIES

Outstanding new zinnia out-performs the original standard. A mix of double, semi double or single, fade resistant blossoms atop a sturdy, well branching plant. Each flower has a slightly different variation of color with smoky undertones and lime green centers. One of our best performers in trials. Creates a captivating bouquet. Grows 30" - 40". 20 seeds - \$3.00



69020. LEMON PEACH **NEW!**



69004. RED LIME



69006. LIME BLUSH



69008. LIME ORANGE



**ANNUAL (ELEGANS)**

Start indoors 4-6 weeks before last frost. Lightly cover seed. Provide 75-85 F soil temperatures. Direct sow outdoors after last frost. Sow a few seeds every 8-12" apart. Transplant 8-12" apart after last frost. Blooms in 75-90 days. Germ 7-10 days.



**690. CACTUS FLOWER MIX**

Shaggy textured 4-5" blooms of tightly knit elongated petals. An old variety and unique amongst zinnias. Grows to 3".  
50 seeds - \$1.75



**69001. CUT AND COME AGAIN**

As the name implies, whenever you cut the blooms additional stems appear. Grow a prism of colorful zinnias with this mix. Blooms are 2-3" on strong, long stems. Grows to 30".  
50 seeds - \$2.00



**693. LILLIPUT MIX**

Smaller, earlier button-type flowers on short plants. Grows to 18-24". If dead-headed, bloom is continuous from mid-summer to the first frost. 50 seeds - \$1.75



**692. DAHLIA MIX**

Alluring 4-6" blooms resemble dahlia flowers. Colors include purple, red, rose, white yellow and orange. Grows to 40".  
50 seeds - \$1.95

**SINGLE COLOR ZINNIAS**

Classic flowers can be ordered by color. We trialed and loved them all. Each color has a profusion of blooms and looks stunning in a mass planting. They also last for a surprisingly long time as cut flowers. Grow 30-40".  
75 seeds - \$1.95



69903. MISS WILLMOTT



69914. SCARLET FLAME



69915. CANARY BIRD



69905. CHERRY QUEEN



69907. ORANGE KING



69911. POLAR BEAR



69909. LAVENDER QUEEN

**PROFUSION SERIES**

We grew the profusion zinnia series in the front beds of our old farmhouse porch and realized it is one stunning zinnia, generating mounds of continuous color the entire season. This compact-sized zinnia is mounding and self-branching to flower about nine weeks from seed. Excellent landscape performance; it grows 14-18" and is great to use for the edge of borders, pathways, mass plantings, or in mixed containers. Tolerates heat and humidity, and has resistant to powdery mildew. Profusion's performance is truly outstanding! Choose from single or double flowers.



69002. MIX 'SINGLE' 40 seeds - \$6.95



69104. MIX 'DOUBLE' 40 seeds - \$6.95



69011. LEMON 20 seeds - \$3.50



69012. CHERRY 20 seeds - \$3.50



69013. RED 20 seeds - \$3.50



69014. APRICOT 20 seeds - \$3.50



69105. DEEP SALMON 20 seeds - \$3.50



69106. YELLOW 20 seeds - \$3.50



69107. HOT CHERRY 20 seeds - \$3.50



69108. RED 20 seeds - \$3.50



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## SHIPPING INFORMATION

### CANADIAN ORDERS:

It is with regret that we have made the difficult decision to suspend shipping to Canada at this time. While we deeply value your support, due to significant increases in shipping costs, unacceptable postal service delivery delays, and with limited staff and resources in the face of the ongoing pandemic we are no longer able to offer any international shipping. We hope to resume shipping to Canada sometime in the future once more efficient and timely processing can be assured.

### SALES TAX:

Please see page 121 for information regarding the required collection of sales tax in many states.

### ALASKA/HAWAII ORDERS:

Additional shipping charges of \$12.95 will apply for orders over \$29.99.

### PLEASE NOTE:

Paying by check may delay your order as it requires additional processing and clearing time.

#### SHIPPING & HANDLING

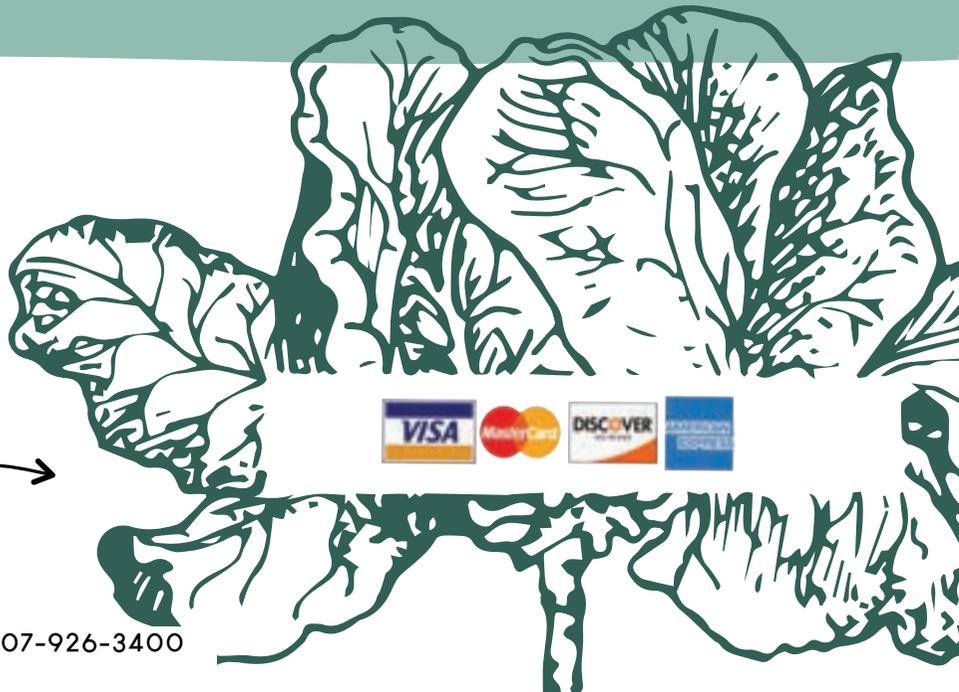
Up to \$10.00.....	\$3.95
\$10.01-\$30.00.....	\$7.95
\$30.01-\$50.00.....	\$10.95
\$50.01-\$100.00.....	\$13.95
\$100.01-\$150.00.....	\$16.95
\$150.01 & UP.....	FREE

#### SPECIAL HANDLING: \$14.95

With the additional charge of \$14.95 your order will leave here by the following business day\* (Mon-Fri)

\*Does not apply to drop-ship orders.

**PAYMENTS:** We accept checks or Visa, MasterCard, Discover and American Express.



# Fruit & Vegetable Seeds

Pinetree began as a vegetable seed company and as we enter our 45th year, this remains our primary focus. Our efforts are solely devoted to the needs of you, the home backyard gardener and small-scale grower. Seeds are trialed in our farmhouse garden and are evaluated on flavor, space efficiency, beauty, uniqueness, and reliability. We provide you with high-quality seeds in the right amounts so that you can affordably grow healthy, delicious food to share with your friends and family.

## HEIRLOOM SEED VARIETIES

Heirloom seeds are a wonderful addition to any garden. The plants have diverse characteristics, unique appearance, and superior flavor. Heirlooms have been saved for generations throughout the world and often have interesting stories behind them. Although opinions vary on how old a variety should be to qualify as heirloom, most consider seeds grown prior to 1950 as heirlooms.

### OPEN POLLINATED

The seed produced from these plants will be genetically identical to the parent plant.

### HEIRLOOM

Open pollinated seed varieties that have been passed down for generations through families or communities.

### HYBRID

Has two different parents of the same species that have been selected for their certain traits in a controlled environment. The seed produced will not be genetically identical to the parent plants. Please note that hybrids are not genetically modified (GMO), simply bred to exhibit certain traits.

Number of days listed after a variety name refers to the length of time for each crop to reach maturity, based on our experience in our trial gardens here in Maine. For crops started indoors (e.g., tomatoes), calculations are made from day of transplanting into the garden. These "Days to Maturity" are most useful as relative indicators, to compare varieties within our catalog, and may not reflect the actual days to maturity you experience in your particular garden under different conditions. Our figures will be different from other seed vendors' figures for the same reason.

LOOK FOR THESE ICONS THROUGHOUT THE CATALOG FOR USAGES & TIPS!



ORGANIC



NEW ITEM



EASY TO GROW



BEST FOR CONTAINERS



### 5. GREEN GLOBE (85 DAYS)

GERM 10-18 DAYS HEIRLOOM - 1863

For a century and a half this choke has been the standard variety in the west. It produces an abundance of "chokes" over a number of years given the right environmental factors. Plants are dark green, of medium height, and buds are an elongated oval with somewhat spiny scales. Perennial in zone 7 and above.

25 seeds - \$2.25



**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-80° F

**SEED SOWING DEPTH:** 1/2" deep

**STARTING INDOORS:** 8-12 weeks before the last frost. Sow 2-3 seeds per cell/pot. Using individual biodegradable peat/cow pots reduces root damage when transplanting. Before transplanting outside, vernalization is required for growth in the north (zone 6 and below). To induce first-year bud formation, set the seedlings out for 10 days at temperatures of 45-50° F. Transplant after last frost, 24-36" apart

**SOWING OUTDOORS:** Sow seeds in the fall if you live in zone 7 and above.

**HARVEST:** Just below the bud when they are firm and still closed

**TIPS:** Heavy feeders, needs fertile, well-drained soil. Amend soil with compost or well-rotted manure before planting.



### 1. MARY WASHINGTON

GERM 10-30 DAYS HEIRLOOM - 1900

The Mary and Martha Washington varieties of asparagus were developed around 1900 for greater disease resistance. From the 1930 DM Ferry seed catalog: "A vigorous growing and productive asparagus bred to resist the disease known as Asparagus Rust. Mary is a selection from Martha and is earlier and more robust." Zone 3-8. 25 seeds - \$2.25

### 2. SWEET PURPLE

GERM 10-30 DAYS

Just as the name implies this deep purple variety has 20% more sweetness than green asparagus. The large sturdy spears are almost stringless making it delicious both cooked and raw. The sizable spears are tender right to the base allowing less waste. The mild, nutty flavor is a must have for the gourmet gardener. Zone 3-9.

25 seeds - \$3.95



**GERMINATION TEMPERATURE:**

Optimum soil temperatures 70-80 F.

**SEED SOWING DEPTH:**

1/2" deep, soaking seeds overnight aids germination.

**STARTING INDOORS:** 12-14 weeks before last frost date. Sow 2-3 seeds per cell/pot. Transplant after the last frost in a 4-6" deep trench, 10-15" apart. Fill in the trench as the seedlings grow.

**SOWING OUTDOORS:** We recommend starting them indoors and then transplanting them out. Sow after the last frost when the soil temperature is over 70 F. Sow 2-3 seeds every 10-15", thin to the strongest seedling.

**HARVEST:** Ready for harvest in 3-4 years, may selectively pick a few spears during the second-third year.

**TIPS:** Needs fertile, well-drained soil, amend with compost or well-rotted manure. Keep weeded, does not compete well with weeds. Cut the fern-like growth to the ground when it becomes yellow and mulch with compost in the fall.

FOR ASPARAGUS PLANTS, SEE PAGE 96

# Beans



**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-85 F

**SEED SOWING DEPTH:** 1" deep. Bush/Drying, 4-6" apart. Pole, 3-4" apart. Soybean, 4-6" apart. Lima, 3-4" apart. Yardlong, 4-6" apart. Runner, 3-4" apart

**SOWING OUTDOORS:** After the last frost with soil temperatures above 60 F. Sowing in soil under 60° F results in poor germination, especially during long rainy periods.

**HOW MUCH DOES A PACKET PLANT:** 25-foot single row

**HARVEST:** Before the seeds bulge and beans snap easily. Pick continually every 2-3 days to prolong production.

**TIPS:** Grow in average, well-drained soil. Provide adequate, even moisture, especially during the high heat of summer and at flowering time. Dry soil can result in low yields and fibrous pods. Do not over-fertilize with nitrogen which results in a surplus of foliage and low, delayed pod growth. Adding inoculant at planting time aids in a larger harvest and more robust plants. Sow bush beans a few times a season, 3-4 weeks apart for a continuous harvest.

## BEAN DISEASE RESISTANCE KEY:

PM

POWDERY MILDEW

CTV

CURLY TOP VIRUS

A

ANTHRACNOSE

BCMV

COMMON BEAN MOSAIC

BBS

BACTERIAL BROWN SPOT

DM

DOWNY MILDEW

CBMV

COMMON BEAN VIRUS

HB

HALO BLIGHT

## GREEN BUSH BEANS



**10122. DERBY (55 DAYS) - NEW!**  
**GERM 4-10 DAYS** This All-American Selections winner from over 3 decades ago proved itself in our trials this summer. It won over our taste buds with no contest compared to the other varieties we grew. Long, 7" round straight pods have an old-time, deep flavor with a snappy texture and can be harvested over a long period and holds on the plant well. **1oz (approx. 90-110 seeds) - \$2.50**



**1102. JADE (57 DAYS) GERM 4-10 DAYS**  
 Like the gem it is named for, this exquisite bean is a lush green. The plants are strong and erect and typically do not need staking. Beans can be harvested at any point in development without sacrificing color or flavor. We always plant the Jade Bush Bean as an interesting counterpoint to the lighter shaded beans. Stringless.  
**1oz (approx. 100-120 seeds) - \$2.50**



**1201. MASAI (47 DAYS)**   
**GERM 4-10 DAYS** Small 1' plants produce huge yields of thin, smooth, flavorful 4" beans. Several plants will provide a meal for two and due to the growth habit the harvest is quick and easy. One of the best beans for container growing. Wonderful late summer harvest. Reportedly Masai is now "the standard" bean in Europe.  
**1oz (approx. 180-200 seeds) - \$2.75**



**13. TENDERGREEN IMPROVED (53 DAYS)**  
**GERM 4-10 DAYS HEIRLOOM 1922**  
 A longtime favorite, this bean's round pods are 6" long. Yield is heavy and prolonged. Flavor and texture are excellent, particularly when picked at a modest size. Equally good for freezing or eating fresh. Stringless.  
**1oz (approx. 80-100 seeds) - \$2.50**



**1301. STRIKE (45 DAYS) GERM 4-10 DAYS**  
 Strike is a heavy yielding 5" bean with great flavor. While it is very popular with commercial growers it is also ideal for home gardeners because of its earliness, its productivity, its flavor, and the fact that plants yield over a remarkably long period of time. Stringless.  
**1oz (approx. 100-120 seeds) - \$2.50**



**12. PROVIDER (50 DAYS)**  
**GERM 4-10 DAYS**  
 This is a popular stringless bean in New England. It is reasonably early on plants that are quite compact. Size is 5-6" and yield is good. Disease resistance is a strong point. This is our bean of choice for making Dilly Beans.  
**1oz (approx. 90-110 seeds) - \$2.50**



**1403. STRINGLESS GREEN POD (50 DAYS)**  
**GERM 4-10 DAYS HEIRLOOM 1894**  
 The 1930 Ferry catalog refers to this bean as primarily grown by market gardeners, but it is also a great choice for the home. Produces loads of meaty, juicy, and round 6" green beans that stay totally stringless and tender even at a large size. Excellent bean for canning, freezing, or market.  
**1oz (approx. 70-90 seeds) - \$2.50**



**10111. ROMA II (58 DAYS)**  
**GERM 4-10 DAYS**  
 An improved Italian romano bush bean. Flat 4-5" stringless pods are delicious freshly picked and explode with flavor. Dependable and high yielding, excellent for canning or freezing.  
**1oz (approx. 60-80 seeds) - \$2.75**



**1302. BLUE LAKE 274 (53 DAYS)**  
**GERM 4-10 DAYS**  
 This variety was introduced in 1962 and was considered quite a breakthrough as it combined the exceptional flavor of the renowned Blue Lake pole bean with a bush habit. Today, over 25% of bush green bean sales are this one variety. Pods are 6" long & straight with small white seeds. Plants are 18" tall & yields are dependably heavy. Stringless.  
**1oz (approx. 70-90 seeds) - \$2.50**

## YELLOW BUSH BEANS



**1001. DRAGON LANGERIE (57 DAYS)**  
**GERM 4-10 DAYS**  
 This Dutch wax bean has very pretty purple stripes mottled over creamy yellow pods. Both the yield and flavor of the flat, 5" long bean are remarkably good. Few varieties in the catalog produce more compliments than this one. Stringless.  
**1oz (approx. 60-80 seeds) - \$3.50**



**10113. CHEROKEE WAX (55 DAYS)**  
**GERM 4-10 DAYS**  
 A classic and popular All-America Selections winner that has been around for 70-plus years. Produces heaps of 6" straight, yellow stringless pods. Delicious, fresh, and great for canning and freezing.  
**1oz (approx. 70-95 seeds) - \$2.50**



**1002. CARSON (52 DAYS)**  
**GERM 4-10 DAYS**  
 An elegant bean in appearance, slim, 5 1/2" with a lovely, creamy color and a pleasant "beany" flavor. Vigorous plants produce heavy yields at an early date. Narrow pods dress up any dish with a splash of yellow.  
**1oz (approx. 110-125 seeds) - \$2.50**



**10. PENCIL POD (52 DAYS)**  
**GERM 4-10 DAYS HEIRLOOM 1900**  
 Pencil Pod is nicely rounded, slim, and elongated. It is a heavy producer which yields over a long period. The flavor is sweet and juicy. The contrast of yellow pods and green leaves is an attractive feature in the mid-summer garden. Seeds are black. Stringless.  
**1oz (approx. 80-100 seeds) - \$2.50**

## FRENCH BUSH BEANS



**W125. MAXIBEL (59 DAYS)**  
**GERM 4-10 DAYS**  
 Full sized haricot vert, 7" long. Thin, elegant green pods are borne in a concentrated set for ease of picking. A high yielding variety with a good, rich bean flavor. Back by popular demand. Stringless.  
**1oz (approx. 100-120 seeds) - \$4.25**



**1109. VELOUR (55 DAYS)**  
**GERM 4-10 DAYS**  
 Bring purple power to your garden with these beautiful and delicious French filet-type bush beans. Slender, stringless, medium-sized pods are set off from attractive, green bushes by a gorgeous, deep purple color. High yielding and disease resistant, will transform to green when cooked.  
**1oz (approx. 150-170 seeds) - \$3.50**



**1107. SERENGETI (55 DAYS)**  
**GERM 4-10 DAYS**  
 Outstanding, high yielding fancy french filet bean. Long and lean, smooth medium green colored beans are 6" long on strong upright plants. Uniform and attractive pods make a great meal and present beautifully on a plate. Stringless.  
**1oz (approx. 145-165 seeds) - \$2.75**

## FRENCH BUSH BEANS

**1108. CALIMA (55 DAYS)**

GERM 4-10 DAYS

Excellent flavor with a crunchy, nutty taste. Slender, dark green french filet type pods grow at the top of the bush. The 7-8" long beans dangle straight downward, making picking easy. Keep pods harvested at pencil size and the bush will reward you with high yields for a long harvest window, about 4 weeks. Stringless.

1oz (approx. 145-165 seeds) - \$2.75

## POLE BEANS



NEW!

**10120. 1500 YEAR OLD CAVE - NEW!****(90 DAYS) GERM 4-10 DAYS HEIRLOOM**

Indigenous bean from the southwestern United States. The tale that comes with this bean is that they were discovered in a cave sealed up in a clay pot. Dual purpose beans- young green flattened pods are snappy with robust bean flavor and shelled dried beans are white with maroon splashes. We started harvesting these toward the end of our season, which was great because most of our beans were done producing. Extremely vigorous, climbing to 10 feet.

50 seeds - \$3.50

**1501. KENTUCKY BLUE (62 DAYS)**

GERM 4-10 DAYS

This bean combines the positive characteristics of Kentucky Wonder and Blue Lake beans in a symbiosis wherein the child is an improvement upon both parents. This AAS winner has vigorous vines that produce an abundance of exceptionally flavorful nearly straight, stringless pods. Beans are best harvested at 7".

50 seeds - \$2.50

**1903G. GOLD MARIE (75 DAYS)**

GERM 4-10 DAYS

Flattened, radiant yellow romano type pods are crisp and fleshy in texture. Our Ikarus sunflowers, growing underneath a trellis, provided great support for this pleasing variety. Best harvested at 6 inches. Said to be a selection from an old Italian heirloom. Stringless.

50 seeds - \$2.50



BCM V

**15. KENTUCKY WONDER (66 DAYS)**

GERM 4-10 DAYS HEIRLOOM 1877

Dual purpose bean can be used for eating fresh or as a shell bean. A real heirloom, it came from a woman named Nancy Davis in Kentucky. Pods grow to 9" in length and yield is continuous. Picked young, they are among the tastiest green beans. Stringless.

50 seeds - \$2.50

**1607. BLUE LAKE FMIK (60-65 DAYS)**

GERM 4-10 DAYS

Impressive yields of straight, round dark green stringless pods that have the ideal hearty bean flavor. An extremely reliable 5-7 foot climbing bean that goes and goes until the very end of the season. Freshly harvested off the vine the 5-6" pods are a summertime treat, and if you can't keep up with the heavy yield they are perfect for canning, freezing, and pickling. Disease resistant to common bean mosaic.

50 seeds - \$2.75

**1602. RATTLESNAKE (65 DAYS)**

GERM 4-10 DAYS HEIRLOOM

Very flavorful pole bean, popular in the west for some time. Vigorous vines are heat tolerant and yield for the entire season as long as you keep them picked. Beans are quite long, 8-10", color is an attractive green with purple stripes. Stringless when pods are small to medium in size.

50 seeds - \$2.50

**1508G. NORTHEASTER (56 DAYS)**

GERM 4-10 DAYS

Our earliest pole bean. The 7-8 inch flattened, stringless pods stay tender between pickings. It's ability to mature quickly makes it possible for second plantings. The name of this variety might chill those of us who live in the northeast but this nor'easter will give you shovels of beans not snow! 50 seeds - \$5.75

**1901. PURPLE POD (70 DAYS)**

GERM 4-10 DAYS HEIRLOOM

Vivid purple pods will beckon you to pluck for a quick nibble. Discover why this heirloom, found in an 1930's Ozark garden, was saved and maintained and is still available to us. Richly flavored and stringless, it is an attractive plant with purple vines and pretty bi colored flowers.

50 seeds - \$2.50

**1505. CARMINAT (62 DAYS)**

GERM 4-10 DAYS

Slender, round, 7-8" deep purple pods are top-notch for a haricot vert (filet) pole bean. Forget some on the vine or not enough time to pick everyday; it's not a problem, the larger beans still have excellent quality. In flavor, "down home bean" and slightly sweet and texture, snappy and crisp. Stringless.

50 seeds - \$5.75

**1506. MONTE GUSTO (58 DAYS)**

GERM 4-10 DAYS

Harvests of golden-yellow beans are possible all season with this variety. Harvest at 6-7" for thin, smooth filet beans or let them plump up to maturity at 8-9". Picking them either way, they burst with flavor. Stringless.

50 seeds - \$5.75



BCM V

**10112. VOLUNTEER HALF RUNNER (60 DAYS)**

GERM 4-10 DAYS

To stake or not to stake - that is the question for these beans. Vines grow to 3' and will climb but staking is not essential. Beans are relatively short - 4" - but yields are heavy, holding tenderness in challenging weather, and last over a long period. Stringless.

50 seeds - \$2.50

## PURPLE BEANS



BCM V

**20. ROYAL BURGUNDY (51 DAYS)**

GERM 4-10 DAYS

Grows very well under cool conditions with strong, tall, purple-stemmed plants producing an abundance of pretty lavender flowers and clusters of round, straight 6" beans. Eaten raw, they are dark purple, very juicy, crunchy, and great flavor. Acquire a deep green color when cooked, more dramatic than most green varieties.

1oz (approx. 90-110 seeds) - \$2.50

**21. RED SWAN (55 DAYS)**

GERM 4-10 DAYS

Red Swan's colorful pods are an unusual shade of lavender pink. Snap this crunchy bean in half to expose the contrasting green interior and taste the succulent romano-like flavor. Interestingly, creating this brilliant bean color began with stabilizing a cross of a purple snap and pinto bean. Bush habit, with 4-5" long, stringless pods.

1oz (approx. 70-90 seeds) - \$3.25

LIMA BEANS



**1703. ALABAMA BLACK EYE (90-100 DAYS)**  
 GERM 7-14 DAYS HEIRLOOM  
 An heirloom lima bean from Alabama. A vigorously climbing vine that is extremely productive and heat tolerant, producing small white beans with black eyes. Often referred to as a butterbean, use fresh or dried.  
**30 seeds - \$2.75**



**10114. JACKSON WONDER (65-70 DAYS)**  
 GERM 7-14 DAYS HEIRLOOM  
 A dependable heirloom that thrives in both southern and northern gardens. Introduced in the late 1800s by Atlanta farmer Thomas Jackson, whose objective was to develop a high-yielding, simple-to-harvest lima bean that didn't need support. The result was this prolific bush lima with unusually lovely maroon speckled seeds. Pods hold 3-5 seeds that can be used for young shell beans or harvested for firm textured dried beans.  
**30 seeds - \$2.75**



**10110. TAYLOR HORTICULTURAL CRANBERRY (65-80 DAYS)** GERM 4-10 DAYS HEIRLOOM  
 Cultivated for its nutty flavor and creamy textured shelled and dried beans, this colorful variety has been growing in gardens for centuries. As the plant matures, appealing cranberry-colored splashes develop on the pods and the drying seeds inside. Pods are 4-5" thick and flat pods. Semi-runner, bush type. **1oz (approx. 60-80 seeds) - \$2.50**



**2607. GREAT NORTHERN BEAN (90 DAYS)**  
 GERM 4-10 DAYS HEIRLOOM  
 A staple baking and soup bean with a dense texture and nutty taste. Well adapted to short-season climates, offering heavy yields on bush to semi-bush plants. Said to be obtained in the late 1800's from the area that is now known to be North and South Dakota.  
**1oz (approx. 105-115 seeds) - \$2.50**

YARD LONG BEANS



**W414. YARD LONG (90 DAYS)**  
 GERM 4-10 DAYS HEIRLOOM  
 Also known as asparagus bean, the longest we got were close to 2'. 4' vines are very heavy and need a strong support. Pretty pink flowers, like a small sweet pea, produce the long very slender beans. Taste is a mix between the flavor of a bean and asparagus. Best picked at about 1' in length for tenderness.  
**50 seeds - \$3.50**



**W415. YARD LONG RED NOODLE (85 DAYS)** GERM 4-10 DAYS HEIRLOOM  
 Red seeds produce high yields of 16-20" long burgundy colored beans that turn green when cooked. Has a very pleasant sweet flavor.  
**50 seeds - \$3.25**



**2901. YARD LONG MOSAIC (65 DAYS)**  
 GERM 4-10 DAYS CHINESE HEIRLOOM  
 Lavender, pink, and mint colors blend together on these gorgeous long pods. They have a more dense texture and intense bean flavor than green beans. An excellent choice to use in an edible ornamental garden on a trellis, where you can watch the beautiful flowers grow before your eyes into pods. Begin harvesting at 10-12", before pods plump up; if you do miss some the mature beans can be shelled then cooked like peas.  
**50 seeds - \$3.50**



**1509G. JACOB'S CATTLE (83 DAYS)**  
 GERM 4-10 DAYS HEIRLOOM - ANCIENT  
 This is the most popular traditional soup and baking bean here in Maine. What Saturday Night Bean Supper would be complete without Jacob's Cattle and its remarkable effects on the digestive tract? Also known as Trout or Dalmatian bean, it is one of the earliest beans to dry even in our too short summers. An attractive combination of white and a deep maroon, it can also be used earlier as a shell bean. Similar in appearance to a Native American bean called Anasazi. Bush type.  
**1oz (approx. 80-90 seeds) - \$5.25**



**2604. PINTO (100 DAYS)**  
 GERM 4-10 DAYS  
 A bush type with half runners, edible young pods that swell, fill out then drying into a beige seed with reddish brown mottling. The most common dried bean eaten in North America, primarily used for refried beans. 5-6 beans per pod. **1oz (approx. 90-100 seeds) - \$2.50**

FAVA BEANS



**W228. WINDSOR (75 DAYS)**  
 GERM 4-10 DAYS A large, plump fava bean with strong heat tolerance. Unlike bush and pole beans, Fava beans like growing (and performing best) in cool weather. A good crop to sow along with your peas. They are actually a relative of vetch, not a true bean, and have been cultivated for thousands of years around the world. The plant grows 3-4', and pods form from white and black flowers along its length. Pods can grow to 6-7" enclosing 4-5 large, elongated penny, sized beans. Green shell beans can be used like limas. If planted early, the harvest will begin in July. A fall/winter harvest is possible with late planting, especially in regions with mild winters.  
**30-40 seeds - \$4.50**

**HARVESTING:** Leave the beans on plants until leaves turn brown and pods are dried and withered. To test for dryness, bite down on a bean and when the coat barely gives to indentation the bean is dry. If fall weather is wet or frost threatens the harvest, you can pull the plants and finish drying inside. They will continue to dry after they are picked. Shell the dried pods by hand or use a burlap sack to thresh the beans out of their shells. A single row planted 10' will yield approximately 1 lb. of dried beans. Dried beans can be stored in a cool, dry place up to a year.



**10116. CALYPSO (70-90 DAYS) NEW!**  
 HEIRLOOM GERM 4-10 DAYS  
 Black and white bi-colored beans with a distinctive pattern of color, the reason it is also known as ying yang- the symbol of balance, or Orca- colored like the seafaring whale. The pattern is retained when cooked, and the plump beans have a nutty, slightly sweet flavor, and creamy texture. Incredibly productive plants are well adapted to most climates.  
**1oz (approx. 55-70 seeds)-\$2.50**

SOY BEANS



**2702. KARIKACHI (75 DAYS)**  
 EDAMAME TYPE GERM 4-10 DAYS  
 Reliable, large yields are produced from these tall standing plants with an average of 3 seeds per pod. Enjoy fresh-picked soybeans by steaming or boiling the whole pods in salted water for about 5-10 minutes, pop out of the shell then directly in your mouth to enjoy their mildly sweet, nutty flavor. Indeterminate. **75 seeds - \$4.50**

RUNNER BEANS



**2904. SUNSET (65 DAYS) - NEW!**  
**GERM 7-14 DAYS** Vining up and around while boasting warm peachy-rose blossoms and like other runner beans, attractive to pollinators. An interesting fact about runner beans is that they twine clockwise whereas pole beans go counterclockwise. Use as a fresh vegetable with its edible flowers and pods or as an ornamental climber. **25 seeds - \$3.50**



**812. SCARLET RUNNER BEAN (80 DAYS)**  
**GERM 7-14 DAYS HEIRLOOM**  
 Grown more ornamentally than as food crop, pods of Scarlet Runner are edible and nutritious. Vines grow quickly and easily, should be supported to a height of 8'. Blossoms are radiant, fiery color, somewhere between scarlet and orange and held in clusters on 12" stems that hold up very well as a cut flower. **25 seeds - \$3.50**



**2902. PAINTED LADY (65 DAYS)**  
**GERM 7-14 DAYS HEIRLOOM**  
 Attractive sprays of scarlet and white edible flowers, loved by hummingbirds and butterflies, turn into young edible pods that are thick, meaty with an extra sweet flavor. Mellow flavored seeds can be cooked or left to dry for storing. Species originated in the mountains of central America and has been cultivated for over 2000 years. Hardy to zone 7 but in cooler regions, you can dig up the roots and store them for the next season for earlier flowering. **25 seeds - \$3.50**



**2916. BLACK COAT RUNNER (70 DAYS)**  
**GERM 7-14 DAYS HEIRLOOM**  
 One of the oldest runner beans seeds still available to grow in your garden today. Vines grow to 6-7' producing attractive glowing crimson flowers. Mature pods encase large lustrous black seeds. Young pods can be used fresh like green beans, large filled out pods as a shelling bean, or allow to dry on the plant and use as a dry bean. **25 seeds - \$3.50**

WINGED BEANS



**2908. WINGED BEAN (75 DAYS)**  
**GERM 10-21 DAYS HEIRLOOM**  
 (PSOPHOCARPUS TETRAGONOLOBUS)  
 Tropical legume native to New Guinea, also known as dragon bean, goa bean and four angled bean. Beans have four ruffled "wings" running lengthwise down the pods. Grows as a vine, reaching over 9 feet. Every part of the plant is edible; the beans (harvest at 1-3"), leaves (cooked like spinach), seeds (dried like flour) and roots, which are similar to potatoes. Optimum growing conditions are hot and humid weather. Daylength neutral. **10 seeds - \$2.50**



BEETS

**GERMINATION TEMPERATURE:**  
 Optimum soil temperatures 50-85° F.  
**SEED SOWING DEPTH:** 1/2" deep, soaking seed overnight aids in germination.  
**STARTING INDOORS:** 4-6 weeks before transplanting out in the spring, when the hard frosts are over and only light frosts are possible. Sow 2-3 seeds per cell/pot. Thin to 1 seedling per cell/pot. Transplant outdoors when the first true leaves appear, 3-4" apart.  
**SOWING OUTDOORS:** Early spring with soil temperatures at least 50 F. Sow 1-2" apart, thin when plants are 2-4" tall, 3-4" apart. Germination is slower at lower soil temperatures.  
**HOW MUCH DOES A PACKET PLANT:** 20-25 foot single row  
**HARVEST:** Begin picking at 1" for baby beets and up to 3" across for the most tender and best tasting. For best storage cut off the greens 2" above the top of the beet.  
**TIPS:** Needs fertile, well-drained soil, amend with compost and/or add organic fertilizer. Beet "seeds" are actually fruits that contain multiple seeds inside with several seedlings emerging from one seed. Use the thinned seedlings for beet greens or plant a heavily seeded row for baby beet greens. Sow every 2 weeks for a continuous harvest.



**34004G. BORO - NEW!**  
**(F1 HYBRID 50 DAYS)**  
**GERM 5-10 DAYS** A fast maturing beet with classic, smooth-skinned, dark red round roots, a big, sturdy edible cut, and come and again leaves. What impressed me the most about the Boro Beet was how they handled my neglect after harvesting a few baby-sized roots. I forgot about them afterward, overlooked the harvest at maturity time, and let them get overgrown with weeds; this variety held out like a champion even with my lapse of care, having tender and tasty roots. **300 seeds - \$3.50**



**30. CYLINDRA (58 DAYS)**  
**GERM 5-10 DAYS HEIRLOOM 1880**  
 Shaped more like a fat carrot or a thin rutabaga than a traditional beet, 6-8" long and 1 1/2-2" in diameter. The dark red roots taste great and are ideal for slicing, either fresh or for pickling. **300 seeds - \$2.25**



**3402. BABYBEAT (40 DAYS)**  
**GERM 5-10 DAYS**  
 Perfectly round mini beet with the earliest harvest of all our beets. Easy to squeeze into small spaces. Deep red interior has elevated sweetness with crunchy texture and subtle, earthy, beet flavor. Reliable and consistent, holding baby size of 1" - 1 1/2" for weeks in the garden. **300 seeds - \$2.50**



**3101. SUGAR BEET (100 DAYS)**  
**GERM 5-10 DAYS**  
 Large gangly roots produce a natural source of sugar. Roots can be used fresh to add intense sweetness to dishes. Can also be made into sugar, syrup, molasses, and wine. Fun to grow!  
**100 seeds - \$1.95**



**3102G. TOUCHSTONE GOLD (55 DAYS)**  
**GERM 5-10 DAYS**  
 Pale orange spherical roots with sunshine golden flesh. Delectable sweet taste, raw or cooked. Keeps marvelous color during cooking. Performs well in the garden, notably more reliable than other golden type beets.  
**100 seeds - \$3.25**





**34. GOLDEN (55 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM 1828  
 3", round, golden bulbs are renowned for their quite exceptional sweetness. The unique color dresses up many a dish and has the added advantage that it doesn't bleed as do the red varieties. 100 seeds - \$2.50



**33. CROSBY EGYPTIAN (45 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM 1880  
 Originated in Germany and is reputed to be the most widely grown beet in the world. Large, flattened beets are grown primarily above the soil but skins don't get the toughness of the upper portions of some beets. Beets are sweet and early without any "earthy" taste. 300 seeds - \$2.50



**35. RUBY QUEEN (60 DAYS)**  
 GERM 5-10 DAYS  
 Sweet flavored, deep red, globe shaped variety, with short dark green tops. A popular variety in the northeast, this 1957 AAS Winner was rated by a panel of garden writers as one of the dozen top all-time vegetable varieties. 300 seeds - \$2.25



**38. LUTZ WINTER KEEPER (80 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM 1880'S  
 Old time variety remains the best for both storage and greens harvested at any time. Roots are half long, deep purple and will retain sweetness if properly stored throughout the winter. 300 seeds - \$2.50



**32. EARLY WONDER TALL TOP (50 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM 1911  
 Somewhat earlier than the other full-sized beets. The tops are medium to tall and excellent for greens. Root is globular with a relatively small taproot. Dark red color and good flavor. 300 seeds - \$2.25

**39. PINETREE BEET MIX - 1 OZ. PKT. GERM 5-10 DAYS**  
 A mixture of the beets we sell along with a few other varieties that we favor. 1/2 oz. Packet, Approx. 1200 seeds - \$4.25



**31. DETROIT (63 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM 1892  
 Leading crop beet for the last 20 years, but has been grown for over 100 years. Crimson of the flesh also shows in the leaves. Large, smooth roots produced but it is also good for greens at an earlier stage. Freezes & cans well with exceptional flavor. 300 seeds - \$2.50



**3601. RED CLOUD (F1 HYBRID 50 DAYS)** GERM 5-10 DAYS  
 A dark red, vigorous growing beet with a well attached top of good color. Very resistant to bolting and a single planting can be harvested over a long season. Exceptionally sweet flavor and fine texture. It is also a good choice for greens. 300 seeds - \$2.50



**37. RED ACE (F1 HYBRID 51 DAYS)**  
 GERM 5-10 DAYS  
 Ideal combination of early maturity and standing in the field for a long period without bolting or toughening up. We picked beets from the same planting for a period of 2 months and the last ones harvested were nearly as good as the first. Tops are fairly short, 12". Smooth roots with excellent flavor. 300 seeds - \$2.25



**490. BULLS BLOOD (50 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM 1840'S  
 Brilliant red burgundy leaves are visually appealing in the garden and on the plate. Roots have deep red and white concentric rings. Great tasting leaves are excellent as greens or as an attractive contrasting addition to salad mixes. Uproot beets when they are 2-3" for tender, sweet, and delicious roots. 300 seeds - \$2.50



**W239. CHIOGGIA (55 DAYS)**  
 GERM 5-10 DAYS HEIRLOOM  
 This Italian heirloom comes to us from the romantic fishing town, Chioggia, on the Adriatic coast. This beet is lovely and unique, alternating rings of white and bright pink. The exterior skin is a bright candy red. The tops are small, all green and have a particularly fine flavor. Fairly early and flavor is exceptionally sweet. 300 seeds - \$2.25

FOR BLACKBERRY, BLUEBERRY & BRAMBLE PLANTS, SEE PAGE 96-97



BROCCOLI



**GERMINATION TEMPERATURE:**  
 Optimum soil temperatures: 65-85° F.  
**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant a week or two before the last frost. Space 12-18" apart.

**SOWING OUTDOORS:** Spring when the soil temperature reaches at least 55-60 F. Sow 2-3 seeds every 12-18" apart. Thin to the strongest seedling per space. Sow in midsummer for fall crops. Germination is slower at lower soil temperatures.

**HOW MUCH DOES A PACKET PLANT:** 10-15 foot single row  
**HARVEST:** Pick when heads are tight before flower buds start to open. For varieties that produce side shoots keep picked for a longer production

**TIPS:** Needs fertile, well-drained soil, amend with compost, well-rotted manure and/or organic fertilizer. Mulch and keep well watered for optimum growth. Bolting may happen when the plants are stressed by prolonged heat, lack of water, and/or nutrients.

**W247. EARLY PURPLE SPROUTING (120-200 DAYS)**  
 GERM 3-10 DAYS

An old english type of broccoli planted out mid to late summer and requires overwintering to produce florets the following spring. Does best in mild climates and will need protection in those that fall below 15 degrees. High in vitamins with a tangy flavor. 100 seeds - \$1.95



**41. BELSTAR (F1 HYBRID 60 DAYS)**  
 GERM 3-10 DAYS  
 Everyone was impressed with this hybrid in our trials. Maturity was exceptionally early with very tight light green heads, 5-6" across. At maturity it holds its head for over a week which can be a real virtue. Good flavor. Disease resistance: Downy Mildew, Fusarium Yellows, Heat Stress. 30 seeds - \$3.25



**4504. IMPERIAL (F1 HYBRID 70 DAYS)**  
 GERM 3-10 DAYS  
 Variety for mid to late summer harvest, performs best with long day length, accompanied by moderate heat. Dependable choice for northeastern summers. Domed heads are dark green with small beads and have an excellent post harvest shelf life. Handles Heat Stress well. 30 seeds - \$2.25



**43. DI CICCO (55-70 DAYS)**  
**GERM 3-10 DAYS ITALIAN HEIRLOOM - 1890**  
 Numerous side shoots of varying size may be harvested over a long period after the 3-5" central head is picked. Don't restrict yourself from eating just the blue-green florets, the stalks and leaves are tender, tasty, and edible, as well.  
**30 seeds - \$1.95**



**4503. GREEN MAGIC (F1 HYBRID 60 DAYS)** **GERM 3-10 DAYS**  
 A reliable producer for an early to mid summer harvest or for a fall crop with a mid summer planting. Smooth, attractive, blue green heads are tightly packed. After the main head is cut it will show off with a high amount of side shoots. Disease resistance: Downy Mildew, Heat Stress.  
**30 seeds - \$2.50**



**4401. ASPABROC (F1 HYBRID 50 DAYS)**   
**GERM 3-10 DAYS**  
 Capture the savory taste of broccoli and asparagus in one plant. Entire plant is edible with extremely tender, long slender stems with asparagus like texture and florets that have a sweet, milder flavor with a slight peppery undertone. Performs well with little space in a spring or fall planting. Harvest the small 3-4" main stalk head first, smaller florets will continue for over a month. **30 seeds - \$3.75**



**4302. EASTERN MAGIC (F1 HYBRID 62 DAYS)** **GERM 3-10 DAYS**  
 Produces quality heads under fluctuating conditions with exceptional performance in the northeast. Heat tolerant plants produce high domed, 6-8" blue-green heads. For summer and fall harvests. **30 seeds - \$2.25**



**4802. CALABRESE (55 DAYS)**  
**GERM 3-10 DAYS ITALIAN HEIRLOOM PRE-1880**  
 Dark green plants are 18-30" in height and produce 3-6" central heads followed by abundance of side shoots. Flavor is pronounced, a more basic taste than the more modern varieties.  
**30 seeds - \$1.95**



**47. PINETREE BROCCOLI MIX**  
**GERM 3-10 DAYS**  
 The biggest advantage to the broccoli mix is that it gives you a variety of different maturities from early to late in the season. The mix includes most of the varieties that we sell and a few other recommended varieties. **100 seeds - \$3.50**



**45. GYPSY (F1 HYBRID 57 DAYS)**  
**GERM 3-10 DAYS**  
 Heat tolerance sets Gypsy apart from other broccoli varieties. Good choice for the South and for later plantings in the North, maturing in the heat of August. Plants are vigorous with a strong stalk and energetic root system. Color is a paler green. Resists downy mildew and heat stress. Tastes good, with a strong broccoli flavor.  
**30 seeds - \$2.25**



**W245. BROCCOLI DI RAPA - NOVANTINA (30 DAYS)**  
**GERM 3-10 DAYS**  
 Called Broccoli Raab or Rapini, a non-heading broccoli. Top 6-8" or so of leaves and unopened flowers are usually harvested. Makes a good fall crop or early spring. No resemblance to the mild broccoli flavor you may be used to, this green is quite pungent. Try it steamed with lemon, salt, and pepper. **100 seeds - \$1.95**



**W246. SESSANTINA GROSSA (34 DAYS)**  
**GERM 3-10 DAYS**  
 A 12-14" raab with a strong broccoli flavor that mellows with cooking. Hardy enough for early spring or fall planting. Forms more of a head than its cousins; stems, shoots, buds, and leaves are all edible.  
**100 seeds - \$1.95**



**49. WALTHAM 29 (85 DAYS)**  
**GERM 3-10 DAYS**  
 The standard open-pollinated broccoli. Nicely formed stocky plants 20" in height yield dark blue-green mid-sized heads. Produces a large number of side shoots after harvest. A fine choice for a late fall/winter harvest.  
**30 seeds - \$1.95**

BRUSSELS SPROUTS

**GERMINATION TEMPERATURE:**  
 Optimum soil temperatures 65-85° F.  
**SEED SOWING DEPTH:** 1/4" deep  
**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to 1/4 of the suggested measurement. Transplant a week or two before the last frost. Space 18-24" apart.  
**SOWING OUTDOORS:** Around the last frost date when the soil temperature reaches at least 60-65 F. Sow 2-3 seeds every 18-24" apart. Thin to the strongest seedling per space.  
**HOW MUCH DOES A PACKET PLANT:** 20-25 foot single row  
**HARVEST:** Start picking from the bottom up, when they are firm and 1" across, cutting off the leaf below the sprout. To harvest all the sprouts at once, cut off the top of the stalk 4-6 weeks before you want to harvest or when lower sprouts reach 1/2" in size. The best and sweetest Brussels sprouts are harvested after going through a few frosts.  
**TIPS:** Needs fertile, well-drained soil, amended with compost, well-rotted manure and/or organic fertilizer. Mulch and keep well watered for optimum growth.



**51. CATSKILL (100 DAYS)**  
**GERM 3-10 DAYS**  
 Introduction from New York State, 1941. A dwarf variety with a dense compact growth habit, 20-24" with strong stalks and 2" round sprouts. **100 seeds - \$1.95**



**50. JADE CROSS (F1 HYBRID 107 DAYS)**  
**GERM 3-10 DAYS**  
 1959 AAS Winner, about 2 1/2' tall at maturity. Sprouts are borne all the way up the stalk and are good sized. Flavor is excellent and yield very abundant. Rated one of the dozen top vegetable introductions by a panel of experts.  
**30 seeds - \$2.25**



**52. LONG ISLAND IMPROVED (85 DAYS)**  
**GERM 3-10 DAYS HEIRLOOM 1890'S**  
 A semi-dwarf plant, no more than 2' tall with good yields of 1-2" sprouts. Can set 50-100 sprouts on a plant. Until the recent development of hybrids, this was the chief commercial variety.  
**100 seeds - \$2.25**



**5301. RED BULL (120 DAYS)**  
**GERM 3-10 DAYS**  
 Produces 1-2" red-purple sprouts that deepen in color late after a frost. A variety from Europe that is milder than green sprouts with a more nutty flavor. Grows to 3 feet. Beautiful color remains after cooking. Attractive plant, perfect for the home gardener. **25 seeds - \$2.25**

## BURDOCK ROOT

**OUTDOORS** - Early spring 1/2" deep, 2" apart in rich, well drained, deep, loose soil promotes big and long roots. Thin to 4" apart.

**HARVEST** - Fall and spring. Gently dig deep around the roots. Young roots, leaves, and stalks can be eaten raw or cooked. Mature older roots are cooked.

## W416. TAKINOGAWA LONG (120 DAYS)

GERM 3-10 DAYS ASIAN HEIRLOOM

The roots do take a long time to develop but eventually grow to a length in excess of a foot. The flavor is delicious - sort of bittersweet.

Burdock is also thought to have medicinal properties. **25 seeds - \$1.95**



# Cabbage

**GERMINATION TEMPERATURE:** Optimum soil temperatures 65-85° F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant a week or two before the last frost. Sow in late spring to transplant out for fall crops.

**SOWING OUTDOORS:** In spring when the soil temperature reaches at least 60 F. Sow 2-3 seeds every 15-18" apart for small-headed varieties, 24-36" for large headed varieties. Thin to the strongest seedling per space. Sow in early summer for fall crops. Germination is slower at lower soil temperatures.

**HOW MUCH DOES A PACKET PLANT:** 15-20 foot single row

**HARVEST:** If the heads feel solid by pushing on them lightly they are ready to harvest. Harvest as soon as possible for early varieties to prevent splitting. Later maturing storage varieties will hold longer.

**TIPS:** A heavy feeder. Provide fertile soil, rich in organic matter, amended with compost or well-rotted manure. Mulch and keep well watered for optimum growth.

## RED CABBAGE

### 5801. MAMMOTH RED ROCK (90-100 DAYS)

GERM 7-12 DAYS HEIRLOOM 1906

According to F.B. Mills 1936 catalog: "The largest of the Red Cabbages and the most sure heading, also the best for pickling". Those good storing cabbages produce 5-8lb flattened round heads. The color of the leaves is a reddish purple on the outside and right to the core. **30 seeds - \$1.95**



### 5802. PRIMERO

(F1 HYBRID 72 DAYS) GERM 7-12 DAYS

An early, compact cabbage with a deep ruby red color that has a sweet taste, tender texture and is perfect for a single meal. A very productive variety, great for tight space plantings with an average head weight of 2-3lbs. **30 seeds - \$2.25**



### 59. RUBY PERFECTION

(F1 HYBRID 75 DAYS) GERM 7-12 DAYS

This is the breeder's replacement for Ruby Ball. Performs almost identically. Plants were so hardy for us that even when deer came snacking early in the season, those plants affected still produced nice looking cabbages, although a bit smaller than those which were not nibbled. 3 lbs. Deep purple head. **30 seeds - \$2.25**



### 5901. RED EXPRESS (60 DAYS)

GERM 7-12 DAYS

One of the earliest open pollinated red cabbages available, bred especially for northern climates. Uniform, dense heads are a lovely purple color, medium sized, 2-4 lbs. and have a crunchy texture, perfect for garden fresh coleslaw. Can be planted close together in a compact space. **30 seeds - \$1.95**



### 5904. KALIBOS (85 DAYS)

GERM 7-12 DAYS HEIRLOOM

This Eastern European heirloom is not your typical cabbage. It has brilliant amethyst heads with a conical shape and is single dish sized, producing well in a small space. We found that if the plants are grown tightly they grow upward and rise out of the garden. Heads are dense and sweet, having a high sugar content, crunchy and perfect raw, for coleslaw and salads. Good keeper. **30 seeds - \$1.95**

## EARLY CABBAGE



### 6104. KATARINA

(F1 HYBRID 45 DAYS) GERM 7-12 DAYS

Early season, 4-5" compact heads are ideal for tight spaces. Katarina will grow well in the ground, raised beds, or containers. Excellent eating quality, tender and crunchy, perfect for fresh salads. An award-winning replacement for the popular but discontinued Mini Gonzales variety. AAS winner. **30 seeds - \$2.50**



### 62. POINT ONE (F1 HYBRID 48 DAYS)

GERM 7-12 DAYS

A pointed head cabbage. We were very impressed with the earliness and holding capacity of this unique variety. Point One is bred for resistance to a number of diseases. Plants are a yellowish green and very attractive. A great addition to any garden. **30 seeds - \$1.95**



### 5701. EARLY JERSEY WAKEFIELD

(60-75 DAYS)

GERM 7-12 days Heirloom 1840

After 170 years, still one of the best picks for a small, early cabbage. The 2-4 lb, pale green, pointed heads have a delicious flavor, few outer leaves and can be planted close together. Resists yellows and splitting. **30 seeds - \$1.95**



### 6102G. GREEN EXPRESS (50 DAYS)

GERM 7-12 DAYS HEIRLOOM

One head is the perfect size for a batch of coleslaw. Uniform 2-3 pound cabbages are quick growing and great for an early harvest. Pair with Red Express for a colorful combination. **30 seeds - \$3.25**



### 61. QUICK START (F1 HYBRID 55 DAYS) GERM

7-12 DAYS This extra early maturing ball head type cabbage grows vigorously. You will notice the changes each day as it begins to head up and create a 3 pound ball. The heads are held close to the ground on a short stalk and can be planted densely. Highly resistant to yellows and tastes great. **30 seeds - \$1.95**



## EARLY CABBAGE



**6201. CHARLESTON WAKEFIELD (70 DAYS)**  
GERM 7-12 DAYS HEIRLOOM 1892  
A heat tolerant cabbage that does well in just about any climate in the US. Forms conical shaped heads, similar to Early Jersey Wakefield but larger, weighing 4-6 lbs. Stores well. **30 seeds - \$1.95**



**63. GOLDEN ACRE (55 DAYS)**  
GERM 7-12 DAYS  
A very early round headed cabbage often used for pack sales and for forcing. Heads are ball shaped and can grow close to 5 lbs. so size isn't sacrificed for earliness. Short stemmed with few outer leaves, the flavor of Golden Acre is excellent. **30 seeds - \$1.95**

## SAVOY CABBAGE



**60. ALCOSA (F1 HYBRID 72 DAYS)**  
GERM 7-12 DAYS  
We think this is the best choice in a savoy cabbage for home gardeners because the head is relatively small. 2-4 lb. heads are blue-green on the outside with tightly packed, crinkly, yellowish leaves on the inside. As with all of our hybrid cabbage, Alcosa doesn't mind being planted close to its neighbors. Fine flavor which improves with cooler weather. Disease resistance: Fusarium Yellows Tip Burn. **30 seeds - \$2.25**



**6001. PERFECTION SAVOY (95 DAYS)**  
GERM 7-12 DAYS HEIRLOOM - PRE 1885  
According to the 1936 James Vicks catalog "Savoy varieties are almost as tasty as cauliflowers and as this fact becomes known, the demand for seed is increasing year by year." Originated in France. Produces a large, coarsely crumpled head on a 6-8" stem. There are numerous delicious outer leaves, so give it some space. **30 seeds - \$1.95**

## LATE CABBAGE



**55. EXCALIBUR (F1 HYBRID 78 DAYS)**  
GERM 7-12 DAYS  
Our replacement for discontinued Krautman. A processing type with medium to large heads perfect for sauerkraut and coleslaw. Fusarium yellow resistant, black rot, and thrip tolerant. **30 seeds - \$2.25**



**56. DANISH BALLHEAD (90 DAYS)**  
GERM 7-12 DAYS HEIRLOOM 1887  
Late fall, storage variety with medium-size heads of blue-green. Exceptionally good keeper with a pleasing flavor and texture. Introduced in 1887 by Burpee and remains a standard storage favorite today. Great sauerkraut variety. **30 seeds - 2.25**

## MIXES



**65. PINETREE CABBAGE MIX**  
GERM 7-12 DAYS  
If you don't grow cabbage because you can't use them all when they mature, this mixture may solve the problem. You'll get early ones, late ones, (and all maturities in between), red ones, green ones, little ones, big ones, domed ones, smooth ones and savoyed ones. **100 seeds - \$3.50**

## CHINESE CABBAGE



**61005G. EMIKO NEW!**  
(F1 HYBRID 60 DAYS) GERM 7-12 DAYS  
An easy, reliable chinese cabbage with resistance to bolting in summer temperatures. Mild, tender leaves are enclosed in stout, barrel-shaped heads that reach 10-12". Uniform in size and growth, and holds well in the garden. **30 seeds - \$2.50**



**6505. MERLOT (F1 HYBRID 60 DAYS)**  
GERM 7-12 DAYS  
An improved replacement for Red Dragon but with deeper lavender-colored leaves inside and out. Picturesque bicolored heads look just as beautiful in your garden as they do on your plate. The mosaic of deep lavender, green and white colored leaves are striking in kimchee, stir-fries, and salads. This Napa type grows to 10 inches and is the quintessential ingredient in Chinese and Korean Cuisine. A great fall crop as well. **30 seeds - \$2.95**



**W419. GREEN ROCKET**  
(F1 HYBRID 70 DAYS) GERM 7-12 DAYS  
This refined Michili type is long, narrow, pointed, and tubular - just like a 1 1/2" rocket. Flavor is milder and more tender than that of its western cousins in the brassica family. Great in salads and slaws, boiled, steamed, braised, and stir fried. Also stores for quite a long period of time in the refrigerator. **30 seeds - \$1.95**

## BABY CARROTS



**6801. MINICORE (55 DAYS)**   
GERM 6-14 DAYS  
A Nantes-type, a tender baby carrot packed full of sweet flavor. Sow into containers, raised beds, or straight up in the garden. Harvest the roots at 3-5", scrub, remove the foliage, and roast whole for a springtime feast. **300 seeds - \$2.25**



**826. BAMBINO (61 DAYS)**   
GERM 6-14 DAYS  
The petite and tender gourmet carrots grow perfectly in containers. Harvest the slender carrots starting at 4" and sow a few plantings throughout the season for an extended harvest. **300 seeds - \$2.25**



**67. ADELAIDE (F1 HYBRID 65 DAYS)**   
GERM 6-14 DAYS  
This Dutch hybrid is used exclusively for producing those attractive baby carrots that command such a premium price at the market. An early, cylindrical, bright orange, core-less carrot that grows to about 3 1/2" for harvest, Adelaide retains its remarkably sweet flavor for quite a while. Use raw, in salads, for pickling, & stir-fries. **300 seeds - \$2.25**



**73. LITTLE FINGER (60 DAYS)**   
GERM 6-14 DAYS  
An excellent choice for succession plantings. Carrots are about the size of your index finger (about 3 1/2" long) and not tapered much at all, like a Nantes. Plant quite densely, 20-25 seeds per square foot. Also does great in containers. **300 seeds - \$2.25**





# Carrots

**GERMINATION TEMPERATURE:** Optimum soil temperatures 60–85° F.

The cooler the soil the longer it takes for germination, up to 3 weeks.

**SEED SOWING DEPTH:** 1/4" deep

**SOWING OUTDOORS:** Start 3 weeks before the last frost into mid-summer. Sow lightly, thin to 1–3" apart. The larger the carrot variety the more space is needed between them.

The soil moisture should be maintained regularly until germination, letting the soil dry out during this period may result in lower germination.

**HOW MUCH DOES A PACKET PLANT:** 10–12 foot row

**HARVEST:** Start when carrots reach finger size for baby carrots. Carrots planted for summer harvest will hold in the ground for a few weeks but tend to split if they stay in the ground for too long. Late-season carrots hold longer and become sweeter in the cooler weather.

**TIPS:** Using a row cover helps to maintain moisture for germination. Carrots prefer loose soil, free of rubble. Use the shorter varieties for heavy soils. Keep well-weeded and cover any exposed carrot with soil or mulch to prevent greening. An excess of nitrogen in the soil causes the roots to become hairy.

## EARLY CARROTS



### 69. MOKUM (F1 HYBRID 54 DAYS)

GERM 6–14 DAYS

Relatively early with fine color, a small core, and is very juicy and sweet. An Amsterdam type, roots are about 6" long. Makes a good "baby" carrot due to its high sugar content and rapid coloring, but is fine for harvesting throughout the season as well. One of the best flavored varieties with a rich sweetness that is especially good raw and for juicing. Resistant to Alternaria Leaf Blight.

300 seeds - \$2.50



### 76. RAINBOW (F1 HYBRID 57 DAYS)

GERM 6–14 DAYS

One of the more unique vegetables that we sell. This carrot produces an amazing selection of possible colors; a white, 2 yellows, 2 oranges and a beautiful soft coral. Flavors for each shade are all slightly different. This is not a mixture; the same hybrid seed produces all. 300 seeds - \$2.50



### 7201. SUGARSNAX

(F1 HYBRID 63 DAYS) GERM 6–14 DAYS

A cross of Nantes and Emperor strains, close to ten inches long and with appealing shiny orange color and smooth skin. Flavor is sweet and crunchy, surprisingly so for an emperor type. Great for eating fresh but also versatile enough to use in a variety of other ways.

300 seeds - \$2.50

## MAIN CROPS



### 72009. DEEP PURPLE NEWI

(F1 HYBRID 72 DAYS) GERM 6–14 DAYS

Purple to the core! An adventurous carrot to grow, pull from the soil and cut open. It's a true beauty sliced, revealing its midnight purple interior and concentric light yellow core circles, appearing like a mysterious eyeball. Using this carrot raw has the most color impact, as it fades a little when cooked. Excellent crunchy, slightly sweet flavor, and especially good for juicing. 7–8" tapered emperor-type roots. 300 seeds - \$2.75



### 7002. EMPEROR (70 DAYS)

GERM 6–14 DAYS HEIRLOOM 1928

According to the 1936 Henry A. Dreer catalog: "This carrot represents a most desirable combination of choice eating qualities and splendid appearance. The roots grow 7–8" long. They have a broad shoulder and gradually taper to a fine tap root. Due to their form they are easy to harvest." AAS winner. 300 seeds - \$2.25



### 7108G. YELLOWSTONE (75 DAYS)

GERM 6–14 DAYS

Deep yellow roots perform well in almost every soil type. Broad shouldered emperor type grows to 8–9" and offers a sweet and mild flavor. Yellowstone is one hefty carrot; it was the largest and longest carrot we have ever grown, with some reaching over 12".

300 seeds - \$3.50



### 7901. KURODA (110 DAYS)

GERM 6–14 DAYS

A smooth, uniform conical carrot with a deep orange red color. Use as a main crop for enormous yields of 6" carrots that mature late in the growing season. Keeps well in cold storage.

300 seeds - \$2.25



### 74. RED CORE CHANTENAY (75 DAYS)

GERM 6–14 DAYS HEIRLOOM 1929

Short, fat carrot with attractive smooth orange skin. About 5 1/2" long, rarely splits or forks, even in heavy soil. We like it's hard, crunchy, dense texture, and full-bodied flavor which is sweet and complex. An improvement on the original French import, this variety was introduced by Ferry Morse in 1930. 300 seeds - \$2.25



### 68. NAPOLI (F1 HYBRID 66 DAYS)

GERM 6–14 DAYS

While the earliness for a nantes type is exceptional, we are even more impressed with the quality of the roots and particularly with the good, not-too-sweet flavor. Length is about 7" and will tolerate thick sowing. 300 seeds - \$2.25



### 72007G. YAYA (F1 HYBRID 55 DAYS)

GERM 6–14 DAYS

Early Nantes type with snappy texture and sweet, 6" slender, bright orange uniform roots. Suitable for baby and full-size harvests. Make successive sowings for a steady supply of tender, tasty carrots through the summer into the fall; they will hold well in the ground and are good storage.

300 seeds - \$3.50



### 7107. ATLAS (70 DAYS)

GERM 6–14 DAYS

Parisian market type for the gourmet gardener. Improved variety of the 19th century Parisian Heirloom. Rounded roots flourish in heavy or shallow soils. Grows well in containers. Keep well irrigated as drought stress can cause elongated roots. Steam or roast whole.

300 seeds - \$2.50



### 70. DANVERS HALF LONG (75 DAYS)

GERM 6–14 DAYS HEIRLOOM 1871

Roots are 6–8" long with a blunt point. Good choice for those with heavy soil. Skin is a distinctive reddish orange color. Flavor is excellent and roots store well.

300 seeds - \$2.25

MAIN CROPS



**7001. ST. VALERY (60-80 DAYS)**  
 GERM 6-14 DAYS HEIRLOOM 1885  
 According to the 1924 James Vicks catalog, "The best and most handsome main crop carrot. Enormously productive, very desirable for private gardens as well as for markets." This is an improvement on the very old "Long Orange". 10" roots are sweet, tender, & delicious. Stores well. **300 seeds - \$2.50**



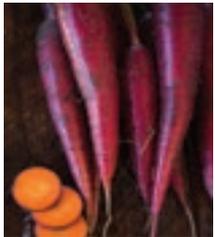
**7205. REDSUN (F1 HYBRID 70 DAYS)**  
 GERM 6-14 DAYS  
 A nantes type with attractive red roots all the way to the core. Grows to 7-8" with improved uniformity over other red colored carrots. Works best when harvested in the fall. **300 seeds - \$2.75**



**7003. TENDERSWEET (70 DAYS)**  
 GERM 6-14 DAYS HEIRLOOM PRE-1936  
 According to the 1936 James Vick catalog, "Many of our customers who do not care much for carrots are enthusiastic about Tendersweet. Roots are long, tapering down to a blunt end and are reddish orange in color, and very uniform in size and shape. Popular with market growers because of the attractive bunch it makes." **300 seeds - \$2.25**



**6701. LUNAR WHITE (55 DAYS)**  
 GERM 6-14 DAYS  
 A creamy white carrot with green shoulders, Lunar White is mild and sweet. The tender roots grow to 6-8". White carrots are making a comeback. When Henry VIII sat down for lunch, the carrots on the table were white. White carrots remained popular through the 19th century but faded from view in the 20th. This improved variety is sweet and crunchy. **300 seeds - \$2.25**



**7105. DRAGON (85 DAYS)**  
 GERM 6-14 DAYS  
 Besides the appealing purple red color what stood out to us was the crunch and flavor of this carrot, not over saturated with sweetness, it has a wild, earthy side. Colorful inside and out, the interior is bright orange with a yellow core. A danver type, growing to 7" and producing consistent shaped roots. **300 seeds - \$2.25**



**7106. BLACK NEBULA (70 DAYS)**  
 GERM 6-14 DAYS  
 Before orange carrots existed (16th cent.) purple carrots were the most commonly cultivated, along with yellow. Skin is deeply colored, midnight purple shade goes all the way through to the core. Foliage is tinted purple and roots can be used as a natural coloring. Roots are tapered, 6-8", and flavor is pure carrot. This carrot has a naturally lower germination rate than other carrots. **300 seeds - \$2.25**



**7601G. CULINARY BLEND (60-70 DAYS)** GERM 6-14 DAYS  
 A colorful mix of yellow, white and orange carrots. Harvest for baby roots or grow to maturity for roasting, steaming or sauteing. The flavors will not disappoint you. **300 seeds - \$3.50**



**75. NANTES (72 DAYS)**  
 GERM 6-14 DAYS FRENCH HEIRLOOM 1850'S  
 Roots are 1 1/2" x 6". Color is reddish. A blunt ended, crisp carrot with a delectable flavor. Introduced into the US by the French company Vilmorin in the 1870's. Names like Carentan and Touchon represent slightly different strains of Nantes favored in the area of these French towns. **300 seeds - \$2.25**



**71. OXHEART (90 DAYS)**  
 GERM 6-14 DAYS FRENCH HEIRLOOM 1870'S  
 Squat, chubby chantenay type, with shoulders reaching 5" across and 3-4" long with a full carrot flavor. One of the most different carrots we offer, showing the diversity of carrot shapes and sizes. Tolerates heavy soil and excellent for storage. **300 seeds - \$2.25**

CAULIFLOWER

GERMINATION TEMPERATURE:

Optimum soil temperatures 65-85° F.

SEED SOWING DEPTH: 1/4" deep

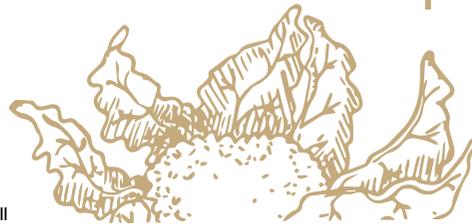
STARTING INDOORS: 4-5 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. After germination, grow in cool conditions, 57-68 F for best results. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant a week or two before the last frost, space 18-24" apart. Sow in early to midsummer for fall crops.

SOWING OUTDOORS: Spring when the soil temperature reaches at least 55-60° F. Sow 2-3 seeds every 12-18" apart. Thin to the strongest seedling per space. Sow in midsummer for fall crops. Germination is slower at lower soil temperatures.

HOW MUCH DOES A PACKET PLANT: 10-15 foot single row

HARVEST: Tie up leaves around heads to blanch. Watch closely and pick before the curds begin to loosen.

TIPS: Needs fertile, well-drained soil, amended with compost, well-rotted manure, and/or organic fertilizer. Mulch and keep well watered for optimum growth.



8301. CAULIFLOWER MIX

(53-80 DAYS)  
 GERM 6-14 DAYS  
 A mix of our varieties that will help extend the harvest season. **100 seeds - \$3.95**



8001. AMAZING (71 DAYS)

GERM 6-14 DAYS  
 Classic, non-hybrid cauliflower from a Dutch grower. Large, uniform plants produce a big, crisp, dense head with both the texture and flavor that gardeners and cooks love. Plenty of wrapper leaves: to maximum whiteness, tie them up. Self-blanches well. Flavorful heads are produced over a long season. **30 seeds - \$1.95**



8103. FIORETTO (F1 HYBRID 60 DAYS)

GERM 6-14 DAYS   
 A sprouting type also known as a 'stick cauliflower.' - Plant along with Asparbroc (#4401), they are the perfect pair for pickling, grilling, sautéing, roasting, or just eating raw. Small florets with long slender stems offer a more flavorful experience with a deep nutty taste and more tender texture than traditional cauliflower. Works well in smaller garden spaces. **30 seeds - \$4.25**

**81. SNOW CROWN (F1 HYBRID 53 DAYS)**

GERM 6-14 DAYS

Heads are medium large with many exceeding two pounds in weight. Reasonably early. This All-America selection winner produces dependably even under adverse conditions. **30 seeds - \$2.50**

**82. ROMANESCO (80 DAYS)**

GERM 6-14 DAYS

Cultivated in Italy since the 16th century, this unique variety is still an unknown to many gardeners. Distinctive heads are a work of art; chartreuse colored buds grow in a tight upward spiral, ending in multiple pointed head of florets. Unbelievable tasty, with a crunchy texture and more delicate, sweet, nuttier flavor than regular dome headed type cauliflower. **30 seeds - \$1.95**

**8107. BABY (F1 HYBRID 40 DAYS)**

GERM 6-14 DAYS

Novelty mini cauliflower producing 3-4" baby-sized heads. Entire plant is usable in meals, both curd and leaves are tender raw or cooked. Developed to grow in small containers or in high-density plantings, needing less than a square foot of space per plant. Quick to mature, easy and fun to grow. **30 seeds - \$5.25**

**80. EARLY SNOWBALL (55 DAYS)**

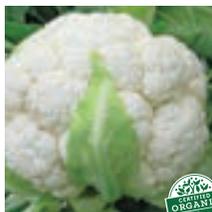
GERM 6-14 DAYS HEIRLOOM 1888

Heads are 5-6" across and erect, top is smooth and an attractive creamy shade. Introduced in the mid-1800's. **30 seeds - \$2.25**

**W250. VIOLETTA ITALIA (62 DAYS)**

GERM 6-14 DAYS ITALIAN HEIRLOOM

This brassica blurs the line between broccoli and cauliflower. Heads are large by broccoli standards, smallish for a cauliflower. Color is lovely light purple for an interesting contrast in crudite, when cooked, as with beans, the color turns green. Flavor is tasty and side shoots develop after the central head is harvested. **30 seeds - \$1.95**

**81009G. SKYWALKER (F1 HYBRID 80 DAYS)**

GERM 6-14 DAYS

Regarded as the best organic variety for late summer and fall harvest. A reliable cauliflower with medium-size, semi-self-blanching heads and milky white, densely packed curds. **30 seeds - \$4.50**



## CELERIAC/CUTTING CELERY

**8801G. TANGO (80 DAYS)**

GERM 14-21 DAYS

Outstanding performance in a short season. Handles heat and drought stress better than most celery, very forgiving for the weekend gardener. Tender, non-stringy stalks on self-blanching, vigorous plants. Resistant to fusarium. **100 seeds - \$3.25**

**88003G. CHINESE PINK (60-80 DAYS)**

GERM 14-21 DAYS HEIRLOOM

Slender and stunning cotton candy pink stalks are earlier and easier to grow compared to the large stalked European varieties with more crunch and flavor; herbal with a hint of salty notes. Use both the leaves and stalks, try it raw or pickled, or add to stir-fries, soups, stews, and stocks. **100 seeds - \$2.50**

**85. GOLDEN SELF BLANCHING (105 DAYS)**

GERM 14-21 DAYS HEIRLOOM - PRE 1885

This is the type that blanches to a yellowish gold by fall. Stalks are close to 2' tall. Flavor and texture are excellent, however this variety does require quite a long growing season. **100 seeds - \$1.95**

**8501. GOLDEN PASCAL (101 DAYS)**

GERM 14-21 DAYS FRENCH HEIRLOOM PRE-1930

In 1930 D. M. Ferry wrote, "We recommend it as being the very best quality for fall and early winter use. It blanches to a beautiful yellowish white color, is very solid and crisp, and of a fine, nutty flavor. The stalks are of medium height, very thick, the upper portion nearly round but broadening and flattening near the base". **100 seeds - \$1.95**

**86. UTAH 52-70 (100 DAYS)**

GERM 14-21 DAYS

Taller and greener than the previous selections, the bottom portion of the stalk can run close to a foot in length. A better choice for short season areas. While it may be a bit stringy, the flavor will be fine and it can be harvested at various stages of maturity. **100 seeds - \$1.95**

**18806. CUTTING (45 DAYS)**

GERM 14-21 DAYS

This hardy annual can be used in place of celery and is easier to grow. The fine green leaves and thin hollow stems are especially good to flavor soups and stews. Both stocks and leaves are cut at a younger, more tender stage than regular celery. Grows to 18". **50 seeds - \$1.95**

**W312. CELERIAC - LARGE PRAGUE (112 DAYS)**

GERM 10-21 DAYS HEIRLOOM 1871

A cousin of celery that is grown in the same manner, but is harvested for the unsightly root. Less popular in the US, it is considered an estimable vegetable throughout Europe. Makes for a wonderful earthy addition to mash potatoes. Perfect for fall dishes or with braised meats. **500 seeds - \$1.95**

**GERMINATION TEMPERATURE:**

Optimum soil temperatures 60-75° F.

**SEED SOWING DEPTH:** 1/8-1/4" deep, soaking seeds overnight aids germination.

**STARTING INDOORS:** Start 10-12 weeks before the last frost. Keep soil moist and temperatures at 70-75 F. Liquid fertilize seedlings every 7-10 days. Transplant after last frost, 8-12" apart.

**SOWING OUTDOORS:** Not recommended, especially in northern areas

**HARVEST:** Stalks over 8-10", from the outside first. Harvest the entire plant from late summer through the fall.

**TIPS:** Heavy feeder, needs fertile soil and consistent moisture throughout the entire season for optimum growth. Amend the planting area with compost, fertilize and mulch to retain moisture.



# Corn

**GERMINATION TEMPERATURE:** Optimum soil temperatures 60–85° F.

Planting in soil under 60 F results in poor germination.

**SEED SOWING DEPTH:** 1" deep

**SOWING:** In late spring, after the last frost date, when the soil reaches at least 60 F. Sow 4–6" apart, thin to 10–12" apart. Plant in blocks, 4–5 rows, 24–36" apart to aid with pollination. Corn is pollinated by wind therefore planting in blocks ensures proper pollination rather than one long single row where the pollen can easily blow away resulting in small, poorly filled-out ears.

**HOW MUCH DOES A PACKET PLANT:** 30–40 foot single row, a block of 5 rows at 8 foot.

**HARVEST:** Ready for picking 2 1/2 – 3 weeks after silks appear. Silks become dry and brown.

The kernels should be plump and full. Test by pressing your fingertip into a kernel, looking for a "milky" appearance. Best picked in the morning and refrigerate/cool right away. Dent or ornamental corn: When husks become dried or after a frost or two. Popcorn: When ears are mature, kernels appear shiny and hard. Remove the husk and let the ears dry for a few weeks. Test pop kernels after a few weeks to see if they are dry enough. Store popcorn by removing kernels or leave them on the ears.

**TIPS:** Corn needs abundant nitrogen. Add manure (in the fall) or compost a few weeks before planting. Add a high-nitrogen organic fertilizer every few weeks until tassels form. Keep well weeded, especially when they are seedlings and well-watered, 1 inch a week, especially during the silk stage. Corn is shallow rooted, hilling up around the base can help prevent wind blow over.

## CORN TYPES

**(SU) STANDARD NORMAL SUGAR** - Not as sugary sweet as the other types produces that old-fashion creamy, mild, corn taste. Can handle being planted in slightly cooler soil. Sugar content quickly declines and turns to starch so it is best eaten soon after harvest.

**(SE) SUGAR ENHANCED** - Higher sugar content than SU types with more tenderness. Maintains sweetness longer after harvest, around 2–4 days. Isolate plantings from SH2, field, and popcorn. Although not necessary for best results, isolate from SU types.

**(SH2) SUPERSWEET** - Very high sugar content with slower conversion to starch. Retains its sweetness for longer period than SE and SU types. Isolate from SU, SE, field and popcorn types.

**(SY) SYNERGISTIC** - This has both Sugar Enhanced (SE) and Supersweet (SH2) kernels, which provide increased tenderness, sugar content, and longer harvest window. Isolate from SH2, field, and popcorn. Although not necessary, for best results isolate from SU types.

**ISOLATE** - This is so the corn doesn't cross pollinate when it is tasseling and produce undesirable ears. Can be done by planting 10–14 days apart or picking varieties that are 10–14 days apart by maturity date. To maintain purity of kernel color, sow yellow and bicolor varieties 10–14 days apart from white varieties.



## OPEN POLLINATED CORN



### 111. GOLDEN BANTAM 8 ROW (78 DAYS)

GERM 7–14 DAYS HEIRLOOM 1902

Prior to its introduction, most corn varieties were white. In 1902 Burpee introduced Golden Bantam and it changed the color preference of the entire country within a decade. Ears are 6–7" and have 8 rows filled with large, flavorful kernels.

150 seeds - \$3.25

### 11101. COUNTRY GENTLEMAN (90 DAYS)

GERM 7–14 DAYS HEIRLOOM 1890

According to the 1936 James Vicks catalog: "Of all the white varieties this is surely the sweetest and most delicious corn to eat and it remains in an edible condition longer than any other variety after picking retaining its sweet flavor for a long time. Plants are 6–7 feet tall often bearing 3 ears to a stalk. Cob is unusually small, and is covered with long, slender, shoe-peg like grains irregularly set." 150 seeds - \$3.25



### 11104. STOWELL'S EVERGREEN (90–100 DAYS)

GERM 7–14 DAYS HEIRLOOM 1848

There is an interesting story about this variety in the Seed Savers Exchange catalog. Nathaniel Stowell worked for decades to develop the variety. He sold 2 ears to a friend for \$4 and the friend agreed that it was just for private use. The "friend" sold the seed for \$20,000 and it was introduced to the seed trade. The 1930 D. M. Ferry catalog: "The standard main crop variety—it is hardy and productive, very tender and sugary – the ears about 7–8" long, 14–20 rowed, with very white grain. The stalks are about 7 1/2' high." 150 seeds - \$3.25

## WHITE CORN



### 118. ARGENT (F1 HYBRID 86 DAYS) SE

GERM 7–14 DAYS

Large, thick, reasonably early white sweet corn. This sugary enhanced variety has ears 8.5" long and 2" wide. Ears begin at a height of 23" on the 77" plants, and there are 16 rows of delicious creamy white kernels.

150 seeds - \$3.25



### 11801. SILVER QUEEN (F1 HYBRID 90 DAYS) SU

GERM 7–14 DAYS

Royalty among white corn with exceptional eating quality. A late season variety with 8–9" tender ears, 14–16 rows, can grow to over 8'.

150 seeds - \$3.25

## YELLOW CORN



### 11301. SUGAR BUNS

(F1 HYBRID 72 DAYS) SE GERM 7–14 DAYS

A superb, early sugar enhanced hybrid with 7" ears and 14 rows of luscious kernels that pop in your mouth. With a great eating quality and long harvest period, this corn is a top choice variety for your garden. Stalks are 5–6' tall.

150 seeds - \$3.75



### 113. INCREDIBLE (F1 HYBRID 84 DAYS) SE

GERM 7–14 DAYS

Our choice as the best main crop yellow corn for the home gardener. Ear length is a full 9.5" with a diameter of 2". Stalks are 8' tall. Eating quality is definitely first rate due to the presence of the sugary enhancer gene. We get more compliments on this "sugary enhanced" variety than most anything in the catalog.

150 seeds - \$3.50



YELLOW CORN



**12101. HONEY SELECT (F1 HYBRID 79 DAYS) SY**  
 GERM 7-14 DAYS  
 An All-American Selection winner for 2001. The breeding lines in hybrid sweet corns are becoming blurred, this one is 75% SE and 25% SH (supersweet). The practical effect of this is that Honey Select does not have to be isolated from other sweet corns and mature ears may be harvested over a longer period. The 8" ears have an 18-20 row count and the flavor is sweet & long lasting. **150 seeds - \$3.25**

BI-COLOR CORN



**11303. AMERICAN DREAM (F1 HYBRID 77 DAYS) SU** GERM 7-14 DAYS  
 The top choice AAS winner for 2018. It can be challenging to grow corn to maturity in areas where a long wet spring can keep soil temperatures to cool for planting. Those of us who experience this dream of a variety that can be harvested early in spite of planting so late. In our trials, we weren't able to plant until the third week of June when the soil finally dried and warmed up. In spite of this, we were harvesting by late August. Plants grow 6-7 feet with bi-colored 7-8 inch ears. Retains sweetness up to 10 days following harvest, ideal for home gardeners. **150 seeds - \$6.95**



**115. HONEY & CREAM (F1 HYBRID 77 DAYS) SU**  
 GERM 7-14 DAYS  
 This long time favorite bicolor corn produces excellent flavor and appearance. Stalks are 7.5' tall and produce 7" ears with 12-14 rows per ear. Superior flavor for a normal sugary variety is the main attraction. **150 seeds - \$3.25**



**11502. DELECTABLE (F1 HYBRID 80 DAYS) SE**  
 GERM 7-14 DAYS  
 Nothing like picking fresh corn from your garden and this variety is home grown corn magic. Sweet and tender ears are fantastic for fresh eating or home processing. 8-9" Ears are 8-9" on 6-7 stalks. **150 seeds - \$3.25**



**11601G. NATURAL SWEET (F1 HYBRID 73 DAYS) SH2**  
 GERM 7-14 DAYS  
 We are excited to be offering our first certified organic corn. This main season crop is bi-colored with super sweet, plump kernels. The 8-inch ears are set high on the 5-foot stalks. Resistant to common rust. **150 seeds - \$6.95**

DENT CORN & ORNAMENTAL POPCORN



**11102. HOPI BLUE DENT (100 DAYS)**  
 GERM 7-14 DAYS HEIRLOOM  
 A royal blue colored heirloom flint corn that can be eaten as sweet corn when picked young, ground into meal for tortillas and bread after being dried, or used ornamentally for fall decoration. Bushy, 5' tall stalks with 8-10" ears. **100 seeds - \$2.95**



**11205G. GLASS GEM - ORGANIC (100 DAYS)**  
 GERM 7-14 DAYS  
 Extraordinary kernels! Bred from native varieties, kernels have an endless array of colors and placement on the cob. Vibrant, translucent kernels are used for flour, popcorn and decoration. Demand has been high for this rare variety the past few years, we are excited to offer this. Grows 7-9 feet with 3-8" ears. **100 seeds - \$7.25**



**112. BLOODY BUTCHER (120 DAYS)**  
 GERM 7-14 DAYS HEIRLOOM 1845  
 A stunning, decorative and useful corn variety growing 12' tall with 8-12" reddish maroon ears. Intensely colorful kernels can be ground into flour and cornmeal while still being edible when young and eaten like a sweet corn. **100 seeds - \$2.95**



**11201. GREEN OAXACAN (95 DAYS)**  
 GERM 7-14 DAYS HEIRLOOM  
 This unusual variety with forest green kernels originated in Mexico and has been grown for hundreds of years. May be used to make tortillas and unique decorations for the autumn season. Grows to 7'. **100 seeds - \$2.95**



**11203. EARTH TONES (100 DAYS)**  
 GERM 7-14 DAYS  
 Cobs are wrapped with multi colored opaque kernels in shades of gold, bronze, blue, green and mauve. Used for corn meal and decorations. Ears are 8-10" and stalks grow 7-9 feet. **100 seeds - \$2.95**



**994. MINI-COLORED POPCORN (100 DAYS)** GERM 7-14 DAYS  
 Red, yellow, orange, burgundy - some ears all one color and some are mixed. Many of the reds and burgundies have colored husks. Create exceptional harvest displays and centerpieces with this unique ornamental popcorn. 6' stalks bear 5-8 5" ears, 3/4" in diameter. Mature kernels pop slightly smaller kernels of popcorn. **100 seeds - \$2.50**



CUCUMBERS

**GERMINATION TEMPERATURE:**  
 Optimum soil temperatures 70-85° F  
**SEED SOWING DEPTH:** 1/2-1" deep  
**STARTING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cell/pot. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after the last frost, 36-48" apart, in rows 36-48" apart  
**SOWING OUTDOORS:** Sow after the last frost when the soil temperature is over 70° F. Sow a few seeds every 36-48". Sowing in soil under 70° F results in poor germination.  
**HOW MUCH DOES A PACKET PLANT:**  
 18-20 foot single row, 5-6 hills  
**HARVEST:** Check and pick every day to keep the harvest flowing.  
**TIPS:** Needs fertile, well-drained soil, amended with compost or well-rotted manure and/or organic fertilizer. Keep well watered for optimum growth, mulching will help retain moisture. Trellising the vines allow for good air circulation, takes up less space, and provides shade for heat-sensitive crops like lettuce. They benefit from growing on black plastic and by using row covers for weed, insect control, and faster growth.



**13301. SUMMER DANCE (F1 HYBRID 70 DAYS)** GERM 6-10 DAYS  
 An elongated Japanese type cucumber, Summer Dance is notable in that every one of the fruit seems perfect. It is 10" long, 1" wide with a deep green color and smooth skin. Very vigorous grower, setting many lateral vines for high productivity. Resistant to both powdery and downy mildew. Flavor is sweet, mild, and refreshing, no need to peel. **20 seeds - \$4.50**



**13901. BEIT ALPHA (F1 HYBRID 52 DAYS)**  
 GERM 6-10 DAYS  
 Also called a Lebanese or Middle Eastern Cucumber, much of the breeding work on these varieties has been done in Israel. The large, smooth, somewhat blocky, burpless, and nearly spineless fruit can either be pickled or eaten fresh. The flavor is very mild. **20 seeds - \$2.25**

## SLICERS



**131. BOOTHBY'S BLONDE (63 DAYS)**  
GERM 6-10 DAYS HEIRLOOM  
Maine is famous for its potatoes and lobsters and not so much for its cukes - but here is a wonderful heirloom from the Boothby family in Livermore, Maine, passed on to us by Will Bonsall through the Seed Savers Exchange. Crisp, medium sized slicer, 6-8" long, with a very pleasant flavor and texture; even more appealing is its rich yellow cream color with contrasting black spines. Shape is longer and broader than the short oval "lemon" cukes and its color is deeper and richer than the European white cukes. **20 seeds - \$2.25**



**14602. WHITE WONDER (60 DAYS)**  
GERM 6-10 DAYS HEIRLOOM PRE-1890  
An attractive white cucumber that originated in upstate New York. Black spined fruits are oval, 6-9" long and the skin is ivory white when fruit are young, becoming more of a cream color at full maturity. Crisp flesh is mild tasting & delicious. Very productive, vigorous variety. **20 seeds - \$2.25**



**130. GARDEN SWEET BURPLESS (F1 HYBRID 60 DAYS)** GERM 6-10 DAYS  
Mild flavored as the name implies, these 11", disease resistant cukes are great for pickling or eating fresh. Vines are vigorous climbers, yields are heavy. Skin is very smooth and flesh is bitter-free. A hybrid of the Japanese long cuke. Resistant to Downy and Powdery Mildew. **20 seeds - \$2.75**



**144. SPACEMASTER (59 DAYS)**  
GERM 6-10 DAYS  
A full sized 7 1/2" cuke, primarily a slicer, on a short 3' vine; good for trellising in a tight spot or in a container. Its nice flavor and appearance is enhanced by its resistance to mosaic and scab. **20 seeds - \$2.25**



**W322. DELIKATESSE (60 DAYS)**  
GERM 6-10 DAYS GERMAN HEIRLOOM  
A very popular European variety and a bit different from US cukes in appearance. Fruits are about 10" long and a lovely pale - almost lime-green covered with tiny warts. Can be used as a fine slicer or a very large pickler. Abundant yields are one reason that Delikatesse has stood the test of time, great flavor is the other. **20 seeds - \$2.25**



**82507. MUNCHER (60 DAYS)**   
GERM 6-10 DAYS  
While the vines are compact they are also very strong, making Muncher a fine choice for container growing. It is a Middle Eastern Beit-Alpha type so the skin is very smooth and practically spineless. Delicious, burpless, and never bitter. The heavy yields of Muncher also pickle well at about the 4" size. It will reach 9" at full maturity. **20 seeds - \$2.25**



**14404. MARKETMORE 76 (60 DAYS)**  
GERM 6-10 DAYS  
Smooth, straight, and dependable. Stays productive and true in spite of weather stress. Adapted for northern gardens. Disease resistance for powdery and downy mildew, mosaic virus, and scab. **20 seeds - \$2.25**



**14601. LONG GREEN IMPROVED (70 DAYS)**  
GERM 6-10 DAYS HEIRLOOM 1842  
According to the 1936 James Vicks Seeds catalog: "Of the black spine type, growing 12-13" long and 3" in diameter. Very popular for slicing and salting when mature, and when small, much esteemed for pickling." **20 seeds - \$2.25**



**13305. ITACHI (F1 HYBRID 54 DAYS)**  
GERM 6-10 DAYS Long, slender and white! Unique 9-11 inch Asian type cucumber. Thin-skinned fruits have a superb taste with no bitterness. Trellis the 4-5 foot vines for straighter growth while saving space at the same time. Parthenocarpic-sets fruit without pollination, suitable for greenhouse growing. **10 seeds - \$5.50**



**13201. THE GENERAL (F1 HYBRID 66 DAYS)**  
GERM 6-10 DAYS  
The vigorous, long vined slicing that does well in all zones. The fruit is long and fairly narrow with white spines and an attractive mid-green color. The flavor of this gynocious (primarily female flowers) variety is first rate among the slicer type & yields are high. We get many compliments on this variety. Benefits from growing with one variety that produces male flowers. Resistance to cucumber mosaic virus, downy and powdery mildew. **20 seeds - \$2.75**



**W428. SUYO LONG (65 DAYS)**  
GERM 6-10 DAYS  
14" long oriental, "burpless" cucumber. Fruit is 1 1/2" in diameter and deeply grooved. Growing up a trellis will produce a large number of straight cukes though some will curve and twist in the most amazing way. A nice, sweet flavor. Resistant to Powdery Mildew. **20 seeds - \$2.25**



**139. DIVA (58 DAYS)**  
GERM 6-10 DAYS  
A nearly seedless parthenocarpic variety that produces exclusively female flowers which do not require pollination to set fruit. Considered a Beit Alpha type; the smooth-skinned class of fruits that originated in the Middle East. This AAS winner is very crisp with an attractive medium green color and very sweet, never bitter flavor. Resistant to scab & mildews. **20 seeds - \$2.75**

## PICKLING



**13708G. ADAM NEWI (F1 HYBRID 48 DAYS)**  
GERM 6-10 DAYS The crunchiness of this cucumber is astounding! From up the stairs, Matt could even hear me crunching into this cucumber as I came back from the garden. Crisp, dense fruits were amazingly flavorful for a cucumber. Adam is a 2-3" pickler with uniform fruits that are blanketed with tiny spines in true European 'cornichon' style. No pollinators are needed. Suitable for the garden or greenhouse. Parthenocarpic. Intermediate resistance to cucumber mosaic virus, powdery mildew, and scab. **10 seeds - \$3.75**



**14001. BUSHY (45-50 DAYS)**  
GERM 6-10 DAYS  
Originally from Russia, this is one of our shortest maturing cucumbers. Ideal for pickling or fresh eating, this variety has the ability to produce a bumper crop, even in cooler climates. Vines grow to 5 feet. **20 seeds - \$2.50**



**146. BOSTON PICKLING (52 DAYS)**  
GERM 6-10 DAYS HEIRLOOM PRE-1880  
Per D. M. Ferry in 1930, "This is a very productive variety that is extensively grown for pickles. The vines are vigorous. The fruits are bright green, of medium size, very smooth and symmetrical. The flesh is crisp and tender". **20 seeds - \$2.25**

## PICKLING

**141. HOMEMADE PICKLES (54 DAYS)**

GERM 6-10 DAYS

The ideal size and shape of these cukes as well as the crisp texture and good flavor make it the quintessential pickler. Whether pickled small for tiny gherkins, medium size for dill spears, or large for bread & butter slices, these short, plump cukes are perfect. 2-3' vines are vigorous and prolific, ensuring that you'll have plentiful homemade pickles. Resistant to Angular Leaf Spot, Cucumber Mosaic Virus, Downy and Powdery Mildew.

**20 seeds - \$2.25****142G. H-19 LITTLE LEAF (57 DAYS)**

GERM 6-10 DAYS

Fresh for slicing or pickling, this is a reliable variety with multi-branching compact vines and small foliage for ease of picking. A parthenocarpic variety that needs no pollination, making it a good choice for protecting against insects when growing under row cover. Utilize this cuke in the garden, containers, or greenhouse. Yields even under stress and intermediate resistance to mosaic virus, downy and powdery mildew.

**20 seeds - \$2.50****138. CALYPSO (F1 HYBRID 50 DAYS)**

GERM 6-10 DAYS

Calyпсо was developed by the University of North Carolina Agricultural Experiment Station as a very high yielding pickling cucumber for commercial growers. However, it is a fine choice for home gardeners as well. The blocky (1" x 3") cukes are a very dark green with a minimal white spine. It is a gynocious variety, producing only female flowers—a small percentage of a male pollinator seeds are added. When planting only a few plants, it will benefit from growing with a standard variety, such as Marketmore or Spacemaster. Resistant to powdery mildew, cucumber mosaic virus and anthracnose.

**20 seeds - \$2.50****136. NATIONAL PICKLING (52 DAYS)**

GERM 6-10 DAYS

The old standby that provides a nice combination of earliness and abundant yields. Fruit can be used at any size, growing to 5 1/2" long, 2 1/2" wide, and a dark mottled green. Vines are rambling and prolific. **20 seeds - \$2.25**

## SPECIALTY

**1340I. MEXICAN SOUR GHERKIN (75 DAYS)**

GERM 6-10 DAYS

HEIRLOOM - MELOTHRIA SCABRA

You can't help but fall in love with these diminutive watermelon looking fruits; they are fun, interesting to grow and they have the tiniest, dainty flowers. Crunch into them and they have a cucumber like taste with a lemony-lime burst. Easy to grow, having rampant vines, best grown on a trellis or in hanging baskets and easily ignored by pests. Harvest when they are smaller than a grape; the bigger they get the more sour citrus flavor they get. Eat them raw as a snack and in salads or preserve by pickling. Native to central America and also known as mouse melon, sandita, cucamelon.

**20 seeds - \$2.75****147. LEMON (60 DAYS)**

GERM 6-10 DAYS HEIRLOOM 1894

Originated in 1894, the 3" fruits are round, pale yellow in color, with a white flesh that is easily digested and never bitter. Yields are very abundant.

**20 seeds - \$2.25****134. PAINTED SERPENT (72 DAYS)**

GERM 6-10 DAYS HEIRLOOM

Mild, delicious fruit is not a true cucumber but a melon that originated in Armenia. Light green fruits have darker striped ribs, curling into snakelike shapes. Grows 2-4' long, but best picked at 15". Produces on a long vine.

**20 seeds - \$2.25****149. WEST INDIA GHERKIN (65 DAYS)**

GERM 6-10 DAYS HEIRLOOM 1793

Although this variety has been sold in the US since the early 1800's, we suspect it will appear unique to most home gardeners. The leaves don't resemble cucumber leaves at all; they look like watermelon leaves. Vines are long and bear multitudes of small oval fruit which are exceptionally spiny. Used for unusual and good tasting pickles, they will also add a bit of a surprise to a salad. **20 seeds - \$2.25**

**1350I. DRAGON'S EGG (60 DAYS)**

GERM 6-10 DAYS HEIRLOOM

Hailing from the cave of your local dragon's lair, this novelty cucumber is another reason growing heirlooms can be so much fun. Originally from Croatia, its creamy skin and chubby oval shape really do look like an egg growing from a vine. It has a refreshing, mild flavor, doesn't need peeling, and yields well; a few plants will be all you need, picking every one to two days for the best fruit.

**20 seeds - \$2.50****W610. ARMENIAN (90 DAYS)**

GERM 6-10 DAYS MIDDLE EASTERN

HEIRLOOM PRE-1400

This long pale green cucumber with white flesh is deliciously different. If grown on a trellis the fruit will be long and straight but they will curl if grown on the ground. Fruit remains edible, tender, and tasty at a larger size than most cukes. A relative of the honey dew melon.

**20 seeds - \$2.25**

## EGGPLANT

**GERMINATION TEMPERATURE:**

Optimum soil temperatures 75-90° F.

**SEED SOWING DEPTH:** ¼" deep

**STARTING INDOORS:** 8-10 weeks before the last frost. Sow 2-3 seeds per cell/pot, thin to the strongest seedling, or use the 20 Row seedling flat, transplanting into individual pots when seedlings get their 3rd set of leaves. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant out after the last frost, 18-24" apart

**HOW MUCH DOES A PACKET PLANT:** 10-15 foot single row**HARVEST:** When fruit is shiny and smooth, before losing its luster.

Use a sharp instrument to cut the eggplants from the plant. Pick the first fruits when they reach usable size, this helps accelerate the growth of the other eggplants on the plant.

**TIPS:** Needs fertile well drained soil, amend with compost and/or add organic fertilizer. Using row cover early in the season gives the plants extra warmth, especially in the north.

**150I. PATIO BABY (F1 HYBRID 45 DAYS)**

GERM 5-14 DAYS

Baby sized fruits arrive extra early on compact plants; perfectly suited for containers, patio gardens, or in the ground. A continuous setting of 2-3" deep purple spineless fruits that are deliciously mild and less bitter than other varieties. All-American selection winner.

**10 seeds - \$3.25**

## EGGPLANT



**150. BLACK BEAUTY (83 DAYS)**  
**GERM 5-14 DAYS HEIRLOOM 1902**  
 Broad, attractive fruits on sturdy, tall plants. Flavor & quality are just as good as hybrids, if not better, but definitely later. **30 seeds - \$1.95**



**155. BRIDE (F1 HYBRID 70 DAYS)**  
**GERM 5-14 DAYS**  
 Later maturing variety stands out with appealing color and shape. Fruits are unique and attractive, white with purple-pink blush and a green calyx. Stocky and compact, 14-16" tall, and thick with soft & fuzzy leaves. Tender flesh and elongated shape, averaging 8" x 1.25", make them great for grilling or roasting. **30 seeds - \$1.95**



**154. PINGTUNG LONG (66 DAYS)**  
**GERM 5-14 DAYS ASIAN HEIRLOOM**  
 Open-pollinated, imported from Taiwan. Fruits are elongated and slender, averaging 10" long and 1 1/2" to 2" across with a lovely, lavender-purple colored skin and white interior flesh. Bred to be resistant to many diseases, as well as tolerant to wet and hot conditions. Good yielder with fruit weighing about 1/2 lb. each. **30 seeds - \$2.25**



**15001. TURKISH ORANGE (80 DAYS)**  
**GERM 5-14 DAYS TURKISH HEIRLOOM**  
 Originally from Turkey and quite popular in all the Mediterranean countries. Produces dozens of 2 oz, orange-red fruit that resemble small tomatoes. Plants are very tall, as much as 4' and it is reported that the fruits are best eaten when still green or beginning to change color. **30 seeds - \$1.95**



**15002. BLACK EGG (70 DAYS)**  
**GERM 5-14 DAYS**  
 Fruit resemble black teardrops as both the skin and the calyx are a deep black with purplish tinge. Japanese in origin, Black Egg produces unusually tender fruit on vigorous 3' plants. Sets fruit early (even in cool weather) and is best picked early. **30 seeds - \$1.95**



**15301. APPLE GREEN (70 DAYS)**  
**GERM 5-14 DAYS**  
 Apple-green skin and mild flavored fruits, oval in shape, with soft texture & cream colored flesh with edible skin. Harvest at 2-4" American eggplant variety developed 1964 at the University of NH by the legendary breeder Elwyn Meader. **30 seeds - \$1.95**



**52707. ORAZIO (F1 HYBRID 50-80 DAYS)**  
**GERM 7-14 DAYS**  
 A reliable hybrid that produces fine, uniform bulbs for late summer or early fall harvest. Very aromatic and tender, never woody; resistant to cracking and bolting. Harvest for baby or full-sized bulbs. **100 seeds - \$3.95**



**W271. FLORENCE FENNEL (100 DAYS)**  
**GERM 7-14 DAYS**  
 In Italy, Florence Fennel or "finocchio" is grown for its large, round, compact, pure white bulb. This variety not only produced the largest bulbs, but they were nearly twice the size of the nearest competitor. Our trials confirm this with bulbs in excess of 1 lb in weight and nearly 1' high. It is used raw or cooked in Italian cuisine for its sweet, anise-like flavor. **100 seeds - \$1.95**

## GOURDS

**GERMINATION TEMPERATURE:**

Optimum soil temperatures 70-90° F. Planting in soil under 70° F results in poor germination.

**SEED SOWING DEPTH:** 1" deep, (Lagenaria types)Nicking or soaking seeds overnight aids in germination

**STARTING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cells/pots, thin to the strongest seedling. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after the last frost when the soil warms to at least 70 F. Space 36-48" apart, in rows 48-60" apart.

**SOWING OUTDOORS:** After the last frost when the soil reaches at least 70 F. Sow 2-3 seeds per space/hill, 36-48" apart, in rows 48-60" apart.

**HARVEST: CUCURBITA TYPES:** Harvest mature gourds before cold weather. Color deepens and skin is hard. Frost or freezing conditions causes injury to skins. Keep in a cool, dark, dry place for curing.

**LAGENARIA TYPES:** Harvest in the fall after a few frosts. Leaves and stems should be brown and dried and skin color faded. Require a long drying period; 3-6 months in a dry area with good ventilation. The gourds should not be touching each other. Check often for soft or rotten ones, discard them, and if mold forms, wipe it off. When the seeds rattle inside and feel light they are dried.

**TIPS:** Heavy feeders, require high nitrogen. Needs fertile well-drained soil, amend with compost, well-rotted manure, or add organic fertilizer. Keep well watered for optimum growth, mulching will help retain moisture. Vines can grow 15 feet or more. Grow on a trellis for more uniform, straight gourds and for more garden space.

**160. GOURD MIXTURE (95 -120 DAYS)**

**GERM 10-21 DAYS**  
 (LAGENARIA SICERARIA & CUCURBITA PEPO)  
 Includes most varieties listed plus some others in a ratio of 40% small to 60% large. **25 seeds - \$2.25**

**176. SNAKE (100 DAYS)**

**GERM 10-21 DAYS (LAGENARIA SICERARIA)**  
 This gourd grows up to 3' long, is 8" around, and has light green, mottled skin. A conversation piece or baseball bat. **25 seeds - \$2.95**

**162. SHENOT CROWN OF THORNS (100 DAYS)**

**GERM 10-21 DAYS (CUCURBITA PEPO)**  
 Multi-colored 5-6" oval fruits with distinctive blunt thorns rising from the fruit, resembling a crown. **25 seeds - \$2.25**

**166. LUFFA (120-130 DAYS)**

**GERM 10-21 DAYS (LUFFA CYLINDRICA)**  
 Grow your own sponges and scrubbers. Harvest when skin hardens, changes to brown and the weight decreases due to drying. **25 seeds - \$2.25**

**GERMINATION TEMPERATURE:** Optimum soil temperatures 65-75° F.

**SEED SOWING DEPTH:** 1/8" deep

**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot. Sowing into individual biodegradable paper/peat/cow pots reduces root damage when transplanting. Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to 1/4" of the suggested measurement. Transplant out mid-spring, 6" apart. Fennel has a long tap root, root-bound seedlings or disturbing roots too much can cause bolting.

**SOWING OUTDOORS:** Early to mid-spring. Sow a few seeds every 1-2", thin 6" apart Keep soil moist for the best germination.

**HOW MUCH DOES A PACKET SOW:** 8-10 foot single row

**HARVEST:** When the base thickens and the bulb is the size of a tennis ball. Cut leaves off 2" above the bulb.

**TIPS:** Plant in fertile, well-drained soil, amend with compost and/or add organic fertilizer. Keep well watered for best roots.

FOR ELDERBERRY PLANTS, SEE PAGE 98  
 FOR FIG PLANTS, SEE PAGE 98  
 FOR GARLIC BULBS, SEE PAGE 98

## GOURDS

**164. BIRDHOUSE GOURD**  
(95-110 DAYS)

GERM 10-21 DAYS (LAGENARIA SICERARIA)  
Large, bulbous body with narrow neck.  
Ideal for birdhouses or other crafts.  
25 seeds - \$2.95

**168. LONG HANDLED DIPPER**  
(110 DAYS)

GERM 10-21 DAYS (LAGENARIA SICERARIA)  
Long, skinny, curving neck with a round bulbous end: can be cut and used as a ladle or dipper when dried. Grow on a trellis for straighter, longer handles, or try bending them into a knot when fruit is young! 25 seeds - \$2.95

**175. AUTUMN WINGS (100 DAYS)**

GERM 10-21 DAYS (CUCURBITA PEPO)  
Hard to describe, it looks kind of like a tropical fish. The gourds are divided by 5 or 6 double fins or wings. Some are straight necked and others curved. The colors range from creams and yellows to whites and greens. Most are about 6-8" long.  
5 seeds - \$1.95

**172. CORSICAN (125 DAYS)**

GERM 10-21 DAYS (LAGENARIA SICERARIA)  
Saucer shaped to make dishes measuring about 8-9" round, squat, and 3-4" tall.  
25 seeds - \$2.95

**173. SPECKLED SWAN (125 DAYS)**

GERM 10-21 DAYS (LAGENARIA SICERARIA)  
Grass-green with creamy speckles. 12-14" tall, the curve of the neck closely resembles the graceful silhouette of a swan.  
25 seeds - \$2.95

The following varieties of seed are all grown for their edible leaves. This section provides an assortment of flavors and textures to experiment with in the garden and the kitchen. Enjoy discovering what the amazing world of greens can bring to your growing experience.

**GERMINATION:** generally 4-14 days on all greens  
**GERMINATION TEMPERATURE:** Optimum soil temperatures 60-70° F  
**TIPS:** Plant in fertile, well-drained soil. Amend with compost and/or add organic fertilizer. Provide adequate, even moisture for optimum growth. Use row covers to control flea beetles.



## AMARANTH

**489. HOPI RED DYE**  
(45 DAYS)

Young leaves are packed full of healthful nutrients and can be used fresh in salads or steamed. The burgundy inflorescence are showy, beautiful in arrangements, and in a flower garden. Seeds are edible and harvested for grain. The flower bracts are used for a natural red dye. 100 seeds - \$1.95

**18901. RED GARNET (55 DAYS)**

This lovely amaranth is a versatile vegetable, grain, or ornamental. The young leaves are a colorful addition to any salad and an excellent spinach substitute. Eventually the plant matures into a five foot tall ornamental distinguished by its dramatic burgundy leaves. 100 seeds - \$1.95

## ARUGULA

**19101G. ASTRO (32 DAYS)**

Quick growth for clipping smooth leaf baby greens in 3 weeks, slightly mild flavor than other varieties, then maturing into a strapped leaf with deep lobes for bunching. Slower bolting and strong ability to grow in colder temperatures for year round harvest. 500 seeds - \$2.75

**W257. ARUGULA OR ROQUETTE (38 DAYS)**

Somewhat pungent salad green. Young leaves are nutty and mustardy. Older leaves can become unpleasantly bitter. It is wise to protect this plant from flea beetles with a row cover. Best variety for our March-April planting and May-June harvests. Wild Arugula (W331) is better for the rest of the summer. 500 seeds - \$2.25

**W331. WILD ARUGULA (50 DAYS)**

Slower-maturing, spicier strain of arugula or rocket (Eruca sativa). Tender, dark green leaves are narrow, deeply cut, have a more intense nutty and peppery flavor than other arugulas. Plants are under 8", and slow to bolt, allowing a summer, spring, and fall harvest when planted successively. Highly recommended for those who love the piquant mesclun mixes. 400 seeds - \$2.25

## ASIAN GREENS

**W44501. MITSUBA (50-60 DAYS)**

Japanese Parsley. Uncommon aromatic herb cultivated for Japanese cuisine that has a parsley & celery essence. Use as a young seedling or harvest stalks at 6-8". Grows best in moist shady areas during the summer heat or full sun in the cooler early and late part of the season. 300 seeds - \$1.95

**W445. SALTWORT****(40 DAYS) HEIRLOOM 1700'S**

A traditional Japanese culinary herb and green, native to the salt marshes of Japan. Long, thin & crunchy leaves with a fresh and very slight salty taste. Use for salads and sushi, steam the older shoots or pick extremely young for micro greens. Rich in both vitamins and minerals. 50 seeds - \$1.95

**W447. TATSOI (45-50 DAYS)**

Also called spinach mustard or spoon mustard, it has dark green spoon shaped leaves and white stalks. Grows in a thick rosette close to the ground and is eaten raw or added to stir-fries. May be harvested at once or the leaves can be picked individually for mixed salads. A great plant to grow in the fall into winter as it can withstand temperatures down to 15°. 50 seeds - \$1.95

**W453. YU CHOI SUM (20 DAYS)**

A fast growing green, harvested young as small leaves called Yu Choi or mature with the leaves, stems and flowers just about to open, as Yu Choi Sum. Young leaves have a light broccoli/chard flavor and the thick tender, stalks of the mature plant have a pleasant bitter taste. Steam or stir fry and tossed with some vinegar, garlic, soy sauce and ginger. 300 seeds - \$1.95

**W440. MIZUNA (43 DAYS) HEIRLOOM**

Popular Japanese green often part of a Mesclun mix. Attractive, deeply cut and serrated, narrow leaves grow vigorously into large bunched heads that resist bolting and allow for extended picking. Mild, pleasant cabbagey flavor; can be eaten raw or cooked in stir fries, soups, etc. 400 seeds - \$1.95



## ASIAN GREENS

**W451. MIBUNA (41 DAYS)**

Strap leaf Asian green is a great addition to braising mixes. The long thin leaves resemble those of dandelions but mibuna is easier and faster to grow. The mild mustardy flavor also serves as a slightly spicy addition to salads.

**100 seeds - \$1.95**

**W446. MISOME (FI HYBRID 30 DAYS)**

Glossy round savoyed leaf green with thick and tender stems that are a cross between komatsuna and tatsoi. Upright plants can be grown all season and intensify in taste as they mature. Use for stir-fries and pickling.

**50 seeds - \$1.95**

**W442. PAI TSAI-FUN JEN (FI HYBRID 35 DAYS)**

A very early and tasty, semi-spreading green that tolerates both heat and cold well. About a month after planting you begin to harvest the light green leaves. When fully mature, you can chop up the snow-white stems for stir fries.

**100 seeds - \$1.95**

## CHICORY

**36102. ENDIVE AND CHICOR GOURMET MIX**

Includes a wide assortment of endive and chicory. Mix these greens with baby leaf lettuce for gourmet salad full of texture and flavor. Best planted in the cooler season of spring and fall. Harvest individual leaves or wait for whole heads to form.

**200 seeds - \$1.95**

**36101. GARDEN MESCLUN BLEND (30 DAYS)**

Mesclun is pre-mixed salad greens. Plant short rows of the mix every week, starting in early spring. As they mature, all varieties are harvested at once and mixed to make the perfect European style salad, providing a variety of taste sensations from sweet to bitter as well as a dramatic appearance.

**500 seeds - \$2.25 1/2oz - \$5.95**

**36103. PERSEO (55 DAYS)**

Red chioggia type radicchio with extra early, 3-4" heads with uniform size and maturity. Eat raw, lightly grilled or roasted. Plant every 2-3 weeks for continuous crops. For the most successful heads plant in the mild or cool weather of spring or fall.

**50 seeds - \$3.25**

**W279. RADICHETTA (52 DAYS)**

Italian Heirloom (*Cichorium intybus*) Also known as Catalogna or Italian dandelion. The elongated, lobed leaves of this loose leaf lettuce come equipped with thick, crunchy, flavorful ribs. Flavor and texture are almost halfway between a lettuce and chicory so it can be eaten fresh or cooked. Not at all bitter, it grows fast, is cold tolerant, and slow to bolt.

**300 seeds - \$1.95**

**9002. FRISEE ENDIVE (60 DAYS)**

Bushy heads of finely dissected, curly narrow leaves are used raw in salad mixes, adding a slight bitter flavor or prepare wilted or sauteed for more mellow taste. Blanch the center heart by tying the head up, 5-7 days before harvesting to create a creamy color, delicate texture and flavor. Plant in early spring or fall—best when matured in cooler weather.

**100 seeds - \$1.95**

**9001. TRES FINE FRISEE (30 DAYS)****FRENCH HEIRLOOM**

Grow as a mini head variety for frilly, finely cut lime green leaves with a mild bitter taste and tender texture. Forms dense little heads when spaced 6-8" apart. Plant in early spring or fall.

**100 seeds - \$1.95**

## CRESS

**18801. WATERCRESS (50 DAYS)**

Easy to grow. Start in small pots and keep moist but not wet for the first month. After the plant has made some growth immerse the pot in a container of water with the water coming up to the lip of the pot and change periodically. Tender leaves are the most succulent green imaginable. Plants yield well for several months and then taper off so make an additional mid-season planting.

**100 seeds - \$1.95**

**18802. WRINKLED CRINKLED CRESS (30 DAYS)**

When you first taste the finely cut, wrinkly, crinkly leaves it brings on a warm spicy flavor then surprisingly ends with a burst of sweetness. Splendid addition for a salad mix and can be fun to experiment with its distinctive flavor in the kitchen. Resists bolting well so you can have a few harvests from one planting.

**100 seeds - \$1.95**

**189. UPLAND CRESS (40 DAYS)**

For those of you who like spicy, tangy, and piquant tasting salads. It's a broad, smooth leaved cress that is very productive and very fast growing. Plant in 2 week successions for a summer full of peppery flavor, similar to Nasturtium leaves but notably hotter.

**100 seeds - \$1.95**

## COLLARDS

**188. VATES (75 DAYS)**

This is a large plant in the brassica family, popular in the South although easily grown anywhere. Generally it is used cooked and flavor seems to improve after a frost. Vitamin content is excellent. Leaves are an attractive blue-green. Requires several square feet of space when fully mature.

**100 seeds - \$1.95**

**18707. FLASH (FI HYBRID 55 DAYS)**

Vigorous uniform plants are slow to bolt and re-grow quickly after harvesting. Popular in southern cooking, collards are packed full of nutrition and a healthy addition to your diet. Leaves grow 16-23" and are tolerant to cold and heat.

**100 seeds - \$2.95**

## MACHE

**W141. MACHE (60 DAYS)**

Also known as Cornsalad, this member of the Valerian family is very popular in France. Its fine, nutty taste enhances any salad. Very cold tolerant, so it's a great early or late season green.

**300 seeds - \$1.95**

## MUSTARDS

**19202G. WILD GARDEN MILD MUSTARD MIX (START HARVESTING AT 45 DAYS)**

A wonderfully diverse blend of colors and textures. Use fresh, young leaves to enhance salads and mellow the zestier mature leaves by sautéing, wilting, or steaming. Either way these greens are packed full of healthy nutrients. Grow for spring and fall crops.

**500 Seeds - \$3.95**



**W448. RED GIANT MUSTARD (45 DAYS)**

This India Mustard, also referred to as Giant Japanese or Miike Purple, is easy to grow, vigorous and is good in stir fries, quickly boiled, or pickled. Plant early in spring or mid-summer for fall harvests. Grow 1' tall with large, slightly fringed leaves of a deep purplish red. Winter-hardy and slow to bolt. Indian mustard is relatively resistant to pests & disease. Flavor is mustardy, not really "hot" until it starts to bolt. In addition to spicing up salads, try a few leaves on a sandwich. **100 seeds - \$1.95**

**192. GREEN WAVE (50 DAYS)**

Plant is a verdant dark green and slow to bolt. Grows 2' in height and improves in flavor after a light frost. Try the frilly leaves as a salad green or steamed. AAS winner. **100 seeds - \$1.95**

**W450. MUSTARD SPINACH - KOMATSUNA (52 DAYS)**

This is the most bolt-resistant Asian brassica that we have encountered. We harvested leaves from the 3' plants from June to October. Flavor is mild and sweet with just a touch of zesty pungency. Leaves can be used in salads, soups, stir-fries, sauces & with meats. **100 seeds - \$1.95**

**W452. MIZUNA - RED STREAKED MUSTARD (45 DAYS)**

One of our favorites! Deeply serrated fringed baby leaves are purple-red and pack a zingy peppery flavor that gets bolder with age. Great to plant along with other baby greens to add some flare to a salad. Slow to bolt but best planted in spring or fall. **100 seeds - \$1.95**

**19204. WASABINA (45 DAYS)**

Specialty Japanese mustard greens. Light green deeply serrated leaves have a wasabi-like flavor, milder in young baby leaves, bolder and spicier in mature leaves. Use in salads, stir-fries, or pickled. We left ours in the garden to bolt and continued picking tasty leaves while the flowers supplied nectar and pollen for the pollinators. **100 seeds - \$1.95**

Micro Greens have become quite popular with chefs and home cooks. Easily grown in a window box, on the deck, or even a sunny spot in your house in the dead of winter. Enhance your salads year-round. All can be grown in regular potting soil in any sort of a low, flat container. Sow the seeds set quite close together. After the third set of leaves begins to develop, begin to take cuttings with scissors. You can continue cutting every few days for several weeks. For a continuous harvest of micro greens plant every 7-10 days.

**82908. SPICY ASIAN**

Fast maturing greens from our Asian vegetable section such as mizuna, patsai, mustards, lettuce and bunching onion. **1 oz. - \$5.95**

**82912. BRAISING GREENS**

This braising blend emphasizes a variety of mustards, kale, and tatsoi. **1 oz. - \$5.95**

**82911. EDIBLE FLOWER & HERB MIX**

We import this unique mixture from the Netherlands. The herbs and edible flowers are both aromatic and tasty, adding both color and flavor to salads, meat dishes, and soups. It makes for a delicious and attractive window garden. Includes some of the following; oregano, calendula, monarda, perilla, thyme, nasturtium, agastache, allium, borage, hyssop, chamomile, melissa, basil, parsley, salvia. **100 seeds - \$1.95**



## MIXES

**82902. SPICY ITALIAN**

Includes cress, basil, arugula, endive, escarole, adicchio, chicory, and mustard. **1 oz. - \$5.95**

**82904. HEALTHY BLEND MIX**

Includes broccoli, spinach, a number of lettuces, and kale. **1 oz. - \$5.95**

**82906. PINETREE'S KITCHEN SINK MIX**

This huge blend includes many greens, lettuces, chards, onions, and herbs. A superb salad mix. **1 oz. - \$5.95**

## SINGLE GREENS

**W25701. ARUGULA - 1 oz. - \$4.75****82915. BASIL - 1 oz. - \$4.75****82914. BEET, BULL'S BLOOD - 1 oz. - \$4.75****8601M. CELERY - 1 oz. - \$4.75****W448M. RED GIANT MUSTARD - 1 oz. - \$4.75****82913. CILANTRO - 1 oz. - \$4.75****W350M. KALE, RED RUSSIAN - 1 oz. - \$4.75****W405M. BROCCOLI - 1 oz. - \$4.75****96M. SWISS CHARD, RED - 1 oz. - \$4.75****SP20. GREEN PEA SHOOTS - 3 oz. - \$2.75**

## OTHER GREENS

**9003. ICE LETTUCE****MESEMBRYANTHEMUM CRISTALLINUM**

Succulent, fleshy leaves, covered with frosted dew-like bubbles. Slightly acidic salty tang with hint of lemon. Use raw in salads for a crunchy refreshing addition, cook like spinach, pickle, or use your creativity with this versatile green. Great green for hot summers as it grows very well in hot, dry conditions. **50 seeds - \$1.95**

**9005G. MAGENTASPREEN - LAMBSQUARTERS (30 DAYS)**

Giant relative of Lambsquarters grown for its glowing magenta young leaf tips. Easy to grow in heat or cold, it can be harvested at 8" in 30 days or left to continue upward to 8'. A taste similar to spinach, each tip is magenta coated with powdery iridescence. Spectacular in a salad mix or use any way you would many greens. Cultivated in the other parts of the world and first introduced here in the early 1980's. Will self seed if left to grow. **500 seeds - \$2.95**

**18902. MINER'S LETTUCE - CLAYTONIA (37 DAYS)**

Can be eaten raw or cooked, like spinach. Round, fleshy leaves are high in vitamin C. Miners during the California gold rush ate it to prevent scurvy. **100 seeds - \$1.95**

**19002. PORTO SPINELESS CARDOON (100 DAYS)**

A member of the artichoke family, a fascinating vegetable, and occasionally an ornamental. In European cuisine the leaves are wrapped around the thick stalks to blanch them. Stalks are eaten fresh or cooked. The plants are quite meaty & tall with a distinct artichoke flavor. **25 seeds - \$2.75**

## OTHER GREENS

**99003. WHEATGRASS**

Cats need fresh greens for optimal health, and they often try to meet their needs by nibbling on houseplants. So give them their own special pot of wheat grass! It grows fast and will emerge in 5 to 7 days. Trim, chop and mix the grass in your cat's food or let your pet forage straight from the pot. **1 oz. - \$2.50**

**99002. TABBY CAT GRASS NEW!**

An ornamental accent and edible, nutrient-filled grass for both you and your feline friend. Bright white and green variegated foliage adds pizzazz to indoor and outdoor gardening. Easy and fast to grow, simply display in it containers or harvest for juicing by trimming repeatedly. **1 oz. - \$3.95**

**W628. MELOKHIYA (60 DAYS) HEIRLOOM**

The most widely used vegetable in Egypt; Melokhiya is very healthy and nutritious. It contains calcium, carotene and B complex vitamins. The young leaves and shoots can be used to flavor and thicken soups and stews and can also be cut and dried for winter use. It does need full sun. **100 seeds - \$1.95**

**W25702. SPIGARIELLO LISCIA (44 DAYS)**

Produces large, broad leaves which can be harvested continually from Spring through much of the Summer. Small heading broccoli so eventually will produce a tight little head. Flavor is sweet and satisfying. Will contribute to a whole seasons worth of salads and is delicious in combination with arugula. **100 seeds - \$1.95**

**W146. SORREL (48 DAYS)**

Known as Oseille in France, where Sorrel is a popular vegetable. In the US, sometimes known as Dock. Flavor is somewhat acidic, reminiscent of citrus. Often pureed and served with a cream sauce or fresh in salads with vinaigrette. Also makes splendid soup. Easy to grow and nutritious, providing ample harvests throughout the season. **150 seeds - \$1.95**

**W333. GOLDGELBER (50 DAYS)**

It is interesting that some of the peskiest weeds from our gardens are cultivated and valued as delicacies elsewhere. This cultivated purslane bears little resemblance to the weed. Much more erect and the leaves are very large and meaty; color is a bright golden green and the flavor is really wonderful, a bit citric. It is harvested over a long period. **200 seeds - \$1.95**

**GERMINATION TEMPERATURE:**

Optimum soil temperatures 75-85° F. Cooler soil temperatures increase germination time or lowers germination.

**SEED SOWING DEPTH:** 1/8" deep

**STARTING INDOORS:** 6-8 weeks before the last frost. Sow 2-3 seeds per cell/pot, thin to the strongest seedling, or use the 20 Row seedling flat, transplanting into individual pots when seedlings get their 3rd set of leaves. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant out after the last frost. Space 24-36" apart. Supplying bottom heat with a heat mat is recommended

**SOWING OUTDOORS:** Not recommended, especially in northern areas

**HOW MUCH DOES A PACKET PLANT:** 20-25 foot single row

**HARVEST:** The fruits must be fully ripe to eat. Fruits are golden in color, covered in a papery husk and will fall to the ground when they are ripe. They have a long shelf life, a month or more after harvest when the husks are left on.

**TIPS:** Needs fertile well-drained soil, amend with compost if needed. Using row cover early in the season gives the plants extra warmth, especially in the north. Side dress when flowers begin to form. Place some type of cloth under the plants for an easier harvest.

**599. AUNT MOLLY'S (70 DAYS)**

**GERM 10-25 DAYS / (PHYSALIS PRUINOSA) POLISH HEIRLOOM 1837**

Marble sized. Sweet, tangy citrus flavor with a hint of vanilla. Abundant harvests of golden fruit enclosed in papery husks turning green to yellow/brown, dropping to the ground when ripe, continuing to sweeten while waiting to be harvested. Sweet or savory uses: add these to salads, smoothies, preserves, pies, and even dry like raisins. When stored with the husk on they can last a month. Grows to 2' high x 4' wide. **40 seeds - \$2.50**

**W591. PINEAPPLE (75 DAYS)**

**GERM 10-25 DAYS / (PHYSALIS PRUINOSA)** It really tastes like a pineapple! The large spreading plants are 3' across and covered with hundreds of fruit that are quite different from other tomatillos. They are only about 3/4" in diameter and soft so they are great for eating fresh. They fall from the plant when ripe. Great for preserves and pies. **40 seeds - \$2.25**

**FOR HOPS PLANTS, SEE PAGE 99**  
**FOR HORSERADISH ROOTS, SEE PAGE 99**

**W558. JICAMA (150 DAYS)**

**GERM 10-20 DAYS / (PACHYRRHIZUS EROSUS)** Native of Central and South America. Produces an edible, fleshy root with a mildly sweet, crisp and crunchy texture and consistency like a water chestnut. This is a vigorous climbing vining in the legume family and requires a long growing season, 5 months plus and should be started indoors in the north. Seed pods, leaves, stems and flowers are toxic. **25 seeds - \$2.50**

**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-85° F.

**SEED SOWING DEPTH:** 1" deep, soaking seeds overnight aids germination.

**STARTING INDOORS:** 12-14 weeks before the last frost. Sow in flats/cells/pots. Transplant out after the last frost, 12" apart.

**SOWING OUTDOORS:** Only in very southern climates

**HARVEST:** At the time of the first frost when the vines die back or leave in the ground as long as possible by providing protection from freezing.

**TIPS:** Plant in deep, loose soil amended with compost. Keep well watered and fertilized once a month for best roots. Keep plants pruned down to 3-5 feet and remove flowers for best production.

# Kale

**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-75 F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot.

Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or

water-soluble fertilizer, diluted to of the suggested measurement. Transplant a week or two before the last frost. Space 12-18" apart. Sow in midsummer for fall crops.

**SOWING OUTDOORS:** Starting in spring when the soil temperature reaches at least 60° F. Sow 2-3 seeds every 12-18". Thin to the strongest seedling per space.

Sow in midsummer for fall crops.

**HOW MUCH DOES A PACKET PLANT:** 4-6 foot single row

**HARVEST:** Pick young leaves starting at 8-10"

**TIPS:** Needs fertile, well-drained soil. Amend with compost if needed. Leaves become very sweet after frost.



**19008. BEIRA (F1 HYBRID 80 DAYS) NEW!**

**GERM 3-10 DAYS** Also known as Tronchuda Cabbage or Portuguese kale. A loose head cabbage that grows bulky, wide, spreading jade green leaves with fleshy, white ribs. It has a sweeter and milder flavor than heading cabbage and can be used throughout the whole season by picking the outside leaves. Not commonly found in stores and would be great opportunity for a market gardener looking to attract customers with something new. Tolerates heat spells, withstands frost well and may be over-wintered in temperate regions. Used for the traditional Portuguese Cadlo Verde soup. Leaves are great for stuffing and ribs can be used like Swiss chard.  
**30 seeds - \$2.75**



**19007. SEA KALE**

**GERM 3-6 WEEKS (CRAMBE MARITIMA)**  
**PERENNIAL**

Rare, perennial cabbage-like kale is a versatile addition to any garden. Its wavy blue-gray leaves add color to an all-season garden while its fragrant blossoms attracts pollinators (and our trial gardener!) throughout the summer. Native to the coastal North Atlantic, its blossoms, textured leaves, and midribs can all be eaten throughout the growing season. Remove outer casing from seeds. Sow 1/2" deep, provide 60-70 degree soil temperatures. Zone 5-8. **15 seeds - \$3.95**



**19001. REDBOR (F1 HYBRID 55 DAYS)**

**GERM 3-10 DAYS**

This one has been difficult to find for the past couple of years. It was one of our favorites, so we had to bring it back. The color of the mature leaves are unlike any other kale we offer. Harvest often, regrowth is strong after each cutting. Grows well into late fall when cooler temperatures sweeten the flavor and intensify the leaf color to a rich plum. Capture the beauty of it in your garden or container. Ready for harvest in just 7 weeks.  
**30 seeds - \$3.95**



**190. STARBOR (F1 HYBRID 45 DAYS)**

**GERM 3-10 DAYS**

Excellent variety for home gardeners. Compact growth habit, blue green color, good flavor, and frost tolerance. Great choice for the grower to whom plant size is not the primary consideration.  
**30 seeds - \$2.50**



**19401. KALE MIX**

**GERM 3-10 DAYS**

A blend of curled, flat, thick, light and dark greens leaves. **100 seeds - \$3.95**



**W276. NERO DI TOSCANA (55 DAYS)**

**GERM 3-10 DAYS** **ITALIAN HEIRLOOM 1885**  
Also known as Lacinato or Dinosaur Kale, the plant is 3' tall with dark, meaty, puckered leaves, the color of a blue spruce. Striking ornamental leaves have good flavor harvested young and cooked simply in olive oil. Mature plant has a stronger flavor, which improves after a frost.  
**30 seeds - \$2.50**



**193. DWARF SIBERIAN (50 DAYS)**

**GERM 3-10 DAYS**

A reliable variety through out the entire season for baby or full leaf harvests. Blue green broad, coarsely curled leaves form a upright habit with wide canopy, for easy picking and bunching.  
**30 seeds - \$2.25**



**W351. WHITE RUSSIAN (50 DAYS)**

**GERM 3-10 DAYS**

Striking frosty green foliage & white veining is tasty at any stage due to its tolerance to cool & hot climates. Hardy and tenderly sweet after the fall weather sets in, extending your growing season. Looks beautiful planted for baby greens with Red Russian kale for a lovely mixed greens salad or for an ornamental edible border.  
**30 seeds - \$2.25**



**W350. RED RUSSIAN (58 DAYS)**

**GERM 3-10 DAYS** **HEIRLOOM**

Kale is a staple in Eastern European cooking. Ease of growth, variety of uses, nutrition and delicious flavor (particularly after a frost) make kale an ideal addition to any garden & diet. Tender, oak shaped, three foot leaves change from reddish green to red after a frost. May be left in the garden for harvest throughout the winter.  
**30 seeds - \$2.50**



**191. DWARF BLUE CURLED SCOTCH (55 DAYS)**

**GERM 3-10 DAYS** **HEIRLOOM 1863**

Kale is so attractive it can be grown for its appearance alone. Finely curled blue-green leaves are carried on compact, 1' plants. Great fresh or cooked, either before or after a frost. Plant four plants per square foot.  
**30 seeds - \$2.50**



**19005G. DAZZLING BLUE (50-60 DAYS)**

**GERM 3-10 DAYS**

We just had to trial this new variety simply because of its name. As we watched it grow and mature into impressive, upright, lightly wrinkled, strap leaved lacinato type plants, we fell in love with it. The leaves really do have a blueish cast to them and pinkish-purple colored midribs branching out into the veins. Hearty, and like other kales, will sweeten after a frost. **30 seeds - \$2.50**



**GERMINATION TEMPERATURE:**

Optimum soil temperatures 60-75° F.

**SEED SOWING DEPTH:** 1/4" deep

**SOWING OUTDOORS:** Starting in spring when the soil temperature reaches 60° F. Sow seeds 1-2" apart, thin 3-8" apart. The larger the bulb size the more space. Sow in mid to late summer for fall harvest.

**HOW MUCH DOES A PACKET PLANT:** 4-6 foot single row

**HARVEST:** Bulbs from spring plantings under 3" for the most tender and sweet bulbs. Fall plantings can survive frosts and can be harvested when they are larger.

**TIPS:** Needs fertile, well-drained soil. Amend with compost or add organic fertilizer. Adequate moisture is needed for optimum growth. Grows best in the cooler weather of spring and late summer. Summer heat can cause the bulbs to become woody and dry.



**19801G. KORIST (F1 HYBRID 42 DAYS)**

**GERM 7-10 DAYS**

The taste and texture is similar to a broccoli stem, crisp with a mild sweetness. White skinned with a 4" flat globe shape. Harvest from baby sized to full sized. Bulbs hold well and remain tender in the garden without becoming woody. Good resistance to downy mildew. **40 seeds - \$4.25**



**19501. EARLY PURPLE VIENNA**

**(60 DAYS)**

**GERM 7-10 DAYS HEIRLOOM PRE 1860**

According to the 1930 D. M. Ferry catalog: "Very early with small top, the leaf stems being tinged with purple. Bulbs of medium size, purple; flesh white. Desirable for forcing and early outdoor planting." **40 seeds - \$1.95**



**198. KOSSACK (F1 HYBRID 80 DAYS)**

**GERM 7-10 DAYS**

This giant kohlrabi can reach the size of a bowling ball, & still remain quite tender. Skin is light green with white sweet flesh. Leaves can be eaten like collard greens. Will store a month or more in the refrigerator or root cellar. **40 seeds - \$3.95**



**195. EARLY WHITE VIENNA (50 DAYS)**

**GERM 7-10 DAYS HEIRLOOM PRE-1860**

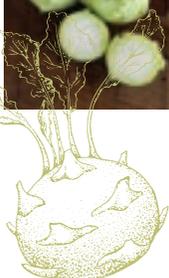
Early maturing bulbs provide an excellent, nut-like flavor. Has few leaves. An interesting contrast with ornamentals. **40 seeds - \$1.95**



**196. GRAND DUKE (F1 HYBRID 50 DAYS)**

**GERM 7-10 DAYS**

A 1979 All-American selection winner and still a favorite for both earliness and flavor. Kohlrabi is also called cabbage-turnip and appropriately so, the turnip-like balls are held cleanly above the ground with a cruciferous, "cabbagey" flavor. 4" globes are crisp and tender and Grand Duke holds well, meaning that you can leave it in the garden for a while without it becoming woody. **40 seeds - \$1.95**



**GERMINATION TEMPERATURE:**

Optimum soil temperatures 60-75° F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** Start 8-10 weeks before the last frost. Sow in flats 1/4" deep, 1/4" apart. Liquid fertilize seedlings every 7-10 days. The seedling's size should be about a pencil-thick at transplanting time. Transplant seedlings out early to mid-spring, 4-6" apart.

**SOWING OUTDOORS:** Early to mid-spring when the soil temperature reaches at least 55-60° F. Sow 1-3 seeds per inch, thin to 4-6" apart.

**HOW MUCH DOES A PACKET PLANT:** 25-30 foot single row

**HARVEST:** Start harvesting baby leeks at 1/2" diameter, leaving some for a larger end-of-season harvest.

**TIPS:** Needs fertile, well-drained soil. Amend with compost or add organic fertilizer. Adequate water is very important for optimum growth. You can plant leeks in a trench and as the plants mature, fill in around them to assist in blanching.

**PLEASE NOTE: GERMINATION RATES FOR ALLIUMS (ONIONS/SHALLOTS/CHIVES/LEEKS) DECLINE RAPIDLY. WE STRONGLY ENCOURAGE YOU TO PURCHASE NEW SEED EACH GROWING SEASON.**



**200. LARGE AMERICAN FLAG (130 DAYS)**

**GERM 5-10 DAYS HEIRLOOM 1870**

Long, broad necks are blanched by gradually hilling up adjacent soil. Essential to the gourmet's kitchen. The standard variety for many years and still one of the best if you have a long enough growing season. Also known as Giant Musselburgh. **200 seeds - \$2.25**



**20104. RALLY (F1 HYBRID 85 DAYS)**

**GERM 5-10 DAYS**

Vigorous hybrid leek for early production. Earlier than the others, producing high-quality, long uniform shanks. Cleans easily and holds strong against thrips and rust. **50 seeds - \$4.25**



**20001. CARANTAN (100 DAYS)**

**GERM 5-10 DAYS**

Heirloom 1874. The 1930 D. M. Ferry catalog names this "Monstrous Carantan". An old French variety that does require a long growing season. Per Ferry "The largest variety, when grown well, often 3" in diameter. White and tender. It is an exceptionally hardy garden sort. **200 seeds - \$2.25**



# Lettuce

**GERMINATION TEMPERATURE:** Optimum soil temperatures 60-70 F. Soil above 75 F. decreases or inhibits germination.

**SEED SOWING DEPTH:** ¼ inch deep

**STARTING INDOORS:** 3-4 weeks before transplanting outdoors. Sow 2-3 seeds per cell/pot, thinning to one per cell/pot. Transplant out 8-12" apart in rows 12" apart.

**SOWING OUTDOORS:** Spring when the soil temperature reaches 50-55 F. Sow 1" apart, thin to 6-12", depending on the size of lettuce you want, baby to full heads. Keep soil moist during germination. Sow every 2-3 weeks for a continuous harvest. Sow heavy seeded rows every 10-14 days for baby greens using the 1 oz. Pinetree Lettuce Mix.

**HOW MUCH DOES A PACKET PLANT:** 25-foot single row

**HARVEST:** Cut whole heads at the base or snip off individual leaves.

**TIPS:** Needs fertile, well-drained soil. Amend with compost or add organic fertilizer. Provide adequate, even moisture for the best growth. Mulching helps retain moisture.

## LOOSE LEAF



### 210. GABRIELLA (50 DAYS)

GERM 4-10 DAYS

In the ongoing battle to determine which is our "reddest" lettuce - Gabriella sometimes takes the lead. It is a deep wine red - even as it emerges - so it is great for adding color to a salad at any stage. Plants are very erect and form a lovely bunch. Flavor is just dandy. **300 seeds - \$2.25**



### W278. LOLLO ROSSA (53 DAYS)

GERM 4-10 DAYS HEIRLOOM

Neat little lettuce holds itself in a rounded mound shape like a perfectly pruned topiary. Leaves are ruby red tinged, fading to pale green in the center, with lovely ruffled edges. Could be considered an ornamental for borders and edges, but mild flavor and colorful frilliness make it an exciting salad lettuce. **300 seeds - \$2.25**



### 208. MIDNIGHT RUFFLES (48 DAYS)

GERM 4-10 DAYS

This new variety from an Oregon breeder is the darkest red lettuce we have seen, almost black in color. Leafy plant is full in the center with serrated leaf edges, blistered leaves, and red midrib & veins. **300 seeds - \$2.25**



### 20503. TROPICANA (52 DAYS)

GERM 4-10 DAYS

Large, bright green heads with thick crumpled leaves hold up well to heat, proven to be one of the most tolerant leaf lettuce varieties. A mid-July harvest provided us with many salads and sandwiches overstuffed with lettuce. Available as an easy to sow pelleted seed. **100 pelleted seeds - \$4.25**



### PINETREE LETTUCE MIX

GERM 4-10 DAYS /  
(BEGIN HARVESTING IN 40 DAYS)

Our lettuce mix includes over a half dozen varieties that we offer. A couple of each loose leaf, butterhead, and romaine types with a variety of colors, textures, tastes, and maturation times. We like to grow this mix not just for full-sized heads but for baby greens as well, just sow seeds closely together in rows (50-60 seeds per foot) and harvest at 3-4". Sow every 14 days for a continuous supply of greens all season. This has become our best selling item.

**203. 500 seeds - \$3.25**

**20301. 1/2oz package (~15,000 seeds) - \$7.25**



### PINETREE WINTER LETTUCE MIX

GERM 4-10 DAYS

These varieties will extend the lettuce season into fall and winter. Plant after the heat of summer for an early fall crop (after Labor Day in southern areas), or plant in a cold frame in the north. Don't plant too early or they'll bolt.

**20302. 500 seeds - \$3.25**

**20302.5. 1/2oz package (~15,000 seeds) - \$7.25**



### HEIRLOOM CUTTING MIX

GERM 4-10 DAYS

A blend of 12 heirloom varieties; ready to start using in 30 days. Oakleaf, romaine, crisphead, butterhead, and looseleaf types.

**20303. 500 seeds - \$3.50**

**20305. 1/2oz package (~15,000 seeds) - \$8.25**



### 206. NEW RED FIRE (45 DAYS)

GERM 4-10 DAYS

Described as a variety "slow to bolt"; is an understatement in our experience as it holds without bolting better than most. One year, we picked from the same planting the entire season. Very early variety and one of the most attractive lettuces with a very deep red color & impressively frilly leaves. Very pleasant taste. Resistant to Downy Mildew. **300 seeds - \$2.25**



### 20902. ROUXAI (47 DAYS)

GERM 4-10 DAYS

Oakleaf type with intense red leaves opening up to a vibrant green interior. The medium sized heads can be grown and harvested through most of the growing season; spring, summer and fall. High resistance to downy mildew races EU 16-30, 32, 33 and Nasonovia ribisnigri aphid. **100 seeds - \$4.50**



### 20903. BABY OAKLEAF(45-50 DAYS)

GERM 4-10 DAYS

This is our favorite for both flavor and ease of harvest because the compact bunch of loose and frilly leaves are borne on a single stalk, just the right amount to make a salad for two. More compact and vigorous, designed for smaller gardens with tighter spaces. **300 seeds - \$2.50**



### 204. GREEN ICE (45 DAYS)

GERM 4-10 DAYS

This vivid loose-leaf variety catches the eye and is delicious on the plate. The green, glossy leaves are meatier and more savoyed (crinkly) than other loose head types, and the 9" heads tend to be tighter and more compact. Flavor is very good and the exceptional crispness of each leaf is a real advantage. **300 seeds - \$2.25**

LOOSE LEAF



**20401. AUSTRALIAN YELLOW LEAF (50 DAYS)**  
**GERM 4-10 DAYS AUSTRALIAN HEIRLOOM**  
 A premium springtime variety with yellow-green leaves and large yields. Tender, textured leaves, become crinkled as they mature and can reach a diameter of 12-16". Fairly slow to bolt.  
**300 seeds - \$2.25**



**205. BLACK SEEDED SIMPSON (46 DAYS)**  
**GERM 4-10 DAYS HEIRLOOM 1875**  
 An old favorite introduced by Henderson Seed Company. Light green frilly leaves, a loose head, and very dependable. Small leaves can be harvested very early.  
**300 seeds - \$2.25**

BUTTERHEAD



**21301. BRONZE MIGNONETTE (53 DAYS) GERM 4-10 DAYS**  
 A butterhead type but with a saucy, bronzy-red tinge on the edges of the leaves. The loose heads run about 10" in size.  
**300 seeds - \$2.25**



**213. TOM THUMB (47 DAYS) GERM 4-10 DAYS HEIRLOOM**  
 This variety actually produces a full butterhead in a relatively short period of time. 6-7" heads have firm structure and compact habit. Leaves are dark green and the entire head will make a large salad for one. Can be grown 2-4 heads per square foot.  
**300 seeds - \$2.25**



**20309G. BLUSHED BUTTER OAK (50 DAYS) GERM 4-10 DAYS**  
 Wavy lime-green leaves tinged with blush-red are soft and velvety in texture. Heads form a loose, buttery heart and stand out for their exceptional cold hardiness and luscious flavor. One of the most beautiful lettuces we have grown.  
**300 seeds - \$2.75**



**21601. ALL YEAR ROUND (53 DAYS) GERM 4-10 DAYS**  
 Very popular in England and Australia. As the name implies it can be sown at any time - spring to fall and will be slow to bolt. The crisp, tight hearts are an appealing light green with the centers appearing a bit blanched.  
**300 seeds - \$2.25**



**21805. SPECKLED AMISH (55 DAYS) GERM 4-10 DAYS AMISH HEIRLOOM**  
 You could tuck this late 1700's Amish heirloom butterhead into your flower bed and it would be just as happy as it would have been in your vegetable garden. The burgundy speckles on its bright green leaves are some of the prettiest we've seen. The medium-sized, dense heads of buttery leaves are wrapped around a central heart of delightful sweetness. You can't help but love this lettuce no matter which garden you have it in.  
**300 seeds - \$2.25**



**W359. MERVEILLE DE QUATRE SAISONS (49 DAYS) GERM 4-10 DAYS HEIRLOOM**  
 A truly marvelous lettuce. It was the only lettuce in our trials that remained good tasting during a dry, hot summer and continues to impress us each year. Bibb type leaves are wavy and light green with a red overlay. Forms a loose 12" head with meaty texture and fine flavor.  
**300 seeds - \$2.25**



**21804. TENNIS BALL (50 DAYS) GERM 4-10 DAYS HEIRLOOM**  
 One of the oldest heirloom varieties cultivated in the country. Grown at Monticello during Thomas Jefferson's time. Historically, it was pickled in brine and served as a side. Silky smooth, buttery leaves melt in your mouth; one of the best tasting lettuces we have ever tried. Grows a bit bigger than a single serving size head of the similar variety Tom Thumb, cut in half makes a perfect salad for two. Compact heads work well planted close together in tighter spaces.  
**300 seeds - \$2.50**



**214. BUTTERCRUNCH (53 DAYS) GERM 4-10 DAYS**  
 This bibb type produces a loose head, 8 to 9" across. Dark green and slow to bolt, it has been rated one of the dozen best vegetable introductions. Developed at Cornell in 1963. Resistant to Lettuce Mosaic Virus, and an AAS winner.  
**300 seeds - \$2.25**

CRISPHEAD



**217. SUMMERTIME (68 DAYS) GERM 4-10 DAYS HEIRLOOM**  
 Bred by Dr. Baggett at Oregon State, the objective of Summertime was to develop a head lettuce that would mature in summer's heat without bolting and was also resistant to tip-burn and rib discoloration. Consistently yields the highest percentage of usable heads in trials. The flavor is good & the texture is very crisp.  
**300 seeds - \$2.25**



**21704. ICE QUEEN (62 DAYS) GERM 4-10 DAYS HEIRLOOM**  
 A historic French crisphead (iceberg) lettuce, from the late 1800's, also known as Reine des glaces. Outer leaves are ruffled with jagged edges and tucked inside is a crispy textured head. It stood out in our trials, having formed beautiful heads with excellent heat tolerance. We see why this one has been grown in gardens for over a century.  
**300 seeds - \$2.25**



**21701. HANSON (65 DAYS) GERM 4-10 DAYS HEIRLOOM PRE 1855**  
 A large old crisphead type with light green leaves and a white heart. According to 1930 D. M. Ferry - "The plant is compact and forms a large, cabbage-like head - the outer leaves are bright yellowish green, broad, somewhat crumpled and frilled at edge and with distinctive midrib. The inner leaves are white, very crisp, and sweet".  
**300 seeds - \$2.25**



**218. RED ICEBERG (70-80 DAYS) GERM 4-10 DAYS**  
 An uncommon variety and a great alternative to the plain green iceberg, having the same delicious sweet taste and crisp texture. Possesses beautiful reddish bronze outer leaves and a fairly tight 8-10" heads that hold for a long time. Has much more nutritional value than other icebergs.  
**300 seeds - \$2.25**

ROMAINE/COS



**21003. CIMMARON (58 DAYS) GERM 4-10 DAYS HEIRLOOM - 1700'S**  
 This Cos lettuce (romaine) is a unique bronzed-red color, like no other we've ever seen. Its tall elongated leaves are hearty and delicious, and harvest can be conducted over a long period as it is slow to bolt. This variety dates back to the 18th century, but hasn't been offered in this country for years. Our grower discovered some seed in a warehouse and a few were still viable, thus it was brought back on the market.  
**300 seeds - \$2.25**

ROMAINE/COS



**21806. CRISP MINT (60 DAYS)**  
GERM 4-10 DAYS

The search for a lettuce that tolerates the hot months of summer could be over for you. We have always loved Jericho but this has proven to be a worthy rival. The ruffled mint colored leaves are crisp and sweet even in elevated temperatures. Young heads are rather open but tighten up as they mature, growing to a sturdy 10". Harvest mini or full sized. Experiment by growing this as a cut and come again lettuce, (we discovered this is possible thanks to our resident groundhog).

**300 seeds - \$2.50**



**21801. RED ROMAINE (50 DAYS)**  
GERM 4-10 DAYS

The merlot colored leaves of this romaine lettuce are especially beautiful and delicious in Caesar salads. Long, wide, spooned shaped leaves have a crisp, crunchy texture. At maturity this plant stands at 12" tall but it can be harvested earlier for little baby heads of romaine. **300 seeds - \$2.25**



**21803. LITTLE GEM (50 DAYS)**  
GERM 4-10 DAYS

Miniature heads are crisp, sweet, with thick hearts combining the characteristics of romaine and butterhead types. Good choice for small spaces intensive planting, with 6" by 6" heads that stand up to early summer heat. **300 seeds - \$2.25**



**21802. ROUGE D'HIVER (60 DAYS)**  
GERM 4-10 DAYS FRENCH HEIRLOOM 1840'S  
Popular for over a century and translating to "Red winter", the tips of these broad, flat leaves are bronze red with a green heart. Does well in autumn weather when the leaf color intensifies with cool nights. A colorful choice for baby leaf, good regrowth abilities. Grows 10-12". **300 seeds - \$2.25**



**21001. FRECKLES (70 DAYS)**  
GERM 4-10 DAYS  
A unique and attractive romaine. Medium green leaves are freckled and blotched with burgundy spots. Flavor of the meaty leaves is great and they are very slow to turn bitter. Adds interest to any salad. **300 seeds - \$2.25**



**W650. JERICHO (60 DAYS)**  
GERM 4-10 DAYS  
Middle Eastern. This lettuce is already popular in the hot, dry areas of the US. It was bred to grow in the deserts of Israel. Jericho is very bolt resistant and remains crisp and sweet in the hottest of weather. This cos type provides a large, dense head. Resistant to Downy Mildew and Lettuce Mosaic Virus. **150 seeds - \$2.25**



**21004. WINTER DENSITY (28-54 DAYS)** GERM 4-10 DAYS  
This Romaine is a compact 8" with thick dark green leaves packed full of flavor. Slow to bolt or turn bitter, and keeps very well. You can begin harvesting baby lettuces at 28 days, leaving others to reach full size a few weeks later. **300 seeds - \$2.25**



**GERMINATION TEMPERATURE:**  
Optimum soil temperatures 70-85° F  
**SEED SOWING DEPTH:** 1/2" deep

**SOWING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cell/pot. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after last frost, 36" apart, in rows 36-48" apart

**SOWING OUTDOORS:** Sow after the last frost when the soil temperature is over 70 F. Sow 2-3 seeds every 36", thin to the strongest seedling. Sowing in soil under 70 F results in poor germination

**HOW MUCH DOES A PACKET PLANT:** 18-20 foot single row, 5-6 hills  
**HARVEST:** Look for the following signs, it takes some practice on telling when they are ready to harvest. The skin tone changes and netting becomes heavy, the ends soften, they will slip from the vines or a gentle tug will pull it away from the vine, a crack develops around the stem, the closest tendril to the stem dries, and the aroma increases when ripe.

**TIPS:** Needs fertile, well-drained soil, amend with compost, well-rotted manure, and/or add organic fertilizer. Keep well watered for optimum growth, mulching will help retain moisture. Use black plastic mulch and row covers for weed, insect control, and faster growth.

**225. JENNY LIND (70 DAYS)** GERM 4-10 DAYS HEIRLOOM 1846

An heirloom of great distinction and still the sweetest melon around. Fruits are 1-2lbs in size and have a turban at the blossom end. Flesh is lime green. 5' vining plants are prolific in setting delectable fruits.

**20 seeds - \$1.95**



**22004. ROCKY FORD - GREEN FLESH (75 DAYS)**

GERM 4-10 DAYS HEIRLOOM 1881  
Also known as Eden Gem. In 1936 F. B Mills Seed wrote: "One of the most profitable market melons, no doubt more largely planted than any other one variety. Vines are healthy and vigorous, producing enormous quantities of fruit of uniform size and shape. Skin is a golden color when ripe. Flavor is rich and luscious." **20 seeds - \$1.95**



**220. BANANA (80 DAYS)**

GERM 4-10 DAYS HEIRLOOM 1883  
A very old heirloom melon, still an interesting and delicious novelty. Fruits are about 20" long and 4" in diameter, tapering at each end similar to a banana. The flesh is very sweet and aromatic. Banana is early enough to grow very successfully in the North. **20 seeds - \$1.95**



**234. NAVAJO YELLOW (85 DAYS)**

GERM 4-10 DAYS HEIRLOOM  
Originally purchased at the Navajo Nation Fair. Ribbed, round/oval with orange flesh. Can handle drier conditions and keeps well if left unbruised. **20 seeds - \$1.95**



**23302. NOIR DE CARMES (80 DAYS)**

GERM 4-10 DAYS FRENCH HEIRLOOM 1787  
A rare Heirloom preserved by the Carmelite monks of France. Has deep smooth ribs and skin so dark green that it is almost black but ripens to a mottled orange. Aromatic flesh that is gently sweet. Grows 2-3 lb fruits. **20 seeds - \$2.25**



**222. MINNESOTA MIDGET (60 DAYS)**

GERM 4-10 DAYS  
Compact 3' vines produce a quantity of 4" cantaloupes which mature very early. Has an excellent sweet flavor. **20 seeds - \$2.25**



**22002. HALE'S BEST JUMBO (75 DAYS)**

GERM 4-10 DAYS HEIRLOOM PRE 1923  
Reliable and classic melon with an ideal flavor. Oval, 7" by 6" sized fruits have thick walls with aromatic, sweet and juicy creamy texture flesh. **20 seeds - \$1.95**





**224. GINKAKU (F1 HYBRID 70 DAYS)**  
 GERM 4-10 DAYS  
 Something unique and fun to try, this is the first Korean melon we have offered. White, crisp, sweet, small golden oval fruits with white stripes when ripe, weighing 1 1/2 lbs. It tastes like a cross of a cucumber, cantaloupe, and pear. A bounty of these little melons came from our garden with vigorous vines that survived one of the rainiest Augusts we have seen in years. **20 seeds - \$2.50**



**22001. CASABA GOLDEN BEAUTY (110-120 DAYS)** GERM 4-10 DAYS  
 HEIRLOOM ANCIENT ASIAN US SINCE 1850  
 Originally from Turkey; thick white juicy flesh possesses a light sweetness and long shelf life. Do not slip from the vine, harvest when they are reasonably mature and hold in storage until blossom end softens. Oval fruits average 7-8 lbs, golden yellow & wrinkled skin. White flesh has a wonderful spicy scent & tempting flavor. **20 seeds - \$1.95**



**226. SAKATA'S SWEET (85 DAYS)**  
 GERM 4-10 DAYS  
 Everything about this melon suggests sweet - bubble gum sweet. The flesh can be eaten right down to the white rind, yet the softball sized fruit are small enough to be grown on a trellis. This melon also is quite prolific - a dozen per hill is a possibility. **20 seeds - \$1.95**



**232. ATHENA (F1 HYBRID 75 DAYS)**  
 GERM 4-10 DAYS  
 Early yields of uniform, high quality 5-6 lb fruits. Firm salmon colored flesh has a fruity aroma and small seed cavity with a good shelf life after harvest. Good disease resistance for powdery mildew and fusarium wilt. **20 seeds - \$3.75**



**233. TUSCANY (80 DAYS)**  
 GERM 4-10 DAYS ITALIAN HEIRLOOM 1875  
 A delicious import with salmon flesh and a tan rind. Elongated, 3 lb fruit have both a thin rind and tiny seed cavity - leaving plenty of space for the sweet (brix rating 11) tender, delicious flesh. Skin color changes from a dark green to a golden creamy tan as the fruit ripens. **20 seeds - \$1.95**



**22003. HONEY ROCK (90 DAYS)**  
 GERM 4-10 DAYS HEIRLOOM 1920  
 In 1936 Henry A Dreer Seed Co. stated: "This new muskmelon is outstanding for the delicious sweetness and rich aroma of its tender, luscious, salmon colored flesh. Fruits are almost round and are of medium size but have extremely thick flesh surrounding the small seed cavity. Skin of the heavy fruits is a gray-green color showing a rough netting." AAS winner. **20 seeds - \$1.95**



**22301. HALONA (F1 HYBRID 74 DAYS)**  
 GERM 4-10 DAYS  
 Does well in cooler weather and shorter growing seasons. The heavily netted fruit can grow to 4-5 lbs. with good yields and intermediate disease resistance to powdery mildew and fusarium wilt. Thick fleshed with a small seed cavity, Halona is a sweet treat to eat, the result of a very high brix rating. **20 seeds - \$3.95**



**W661. HA'OGEN (85 DAYS)**  
 GERM 4-10 DAYS Middle Eastern. Israeli melon. Developed on the Ogen kibbutz from ancient Indian/Persian stock. Heavy yielder of 3lb fruit that mature from light green to a golden yellow. Flesh is pale green with a distinct light orange hue around the seed cavity. Of course the rich, aromatic flavor is the reason for Ogen's continued popularity. **20 seeds - \$1.95**

**OUTDOOR MUSHROOM LOG GROWING KIT VOUCHER**  
 \$30.00 each  
 Choose when you want them! Ordering a log kit with a voucher allows you to redeem your plug spawn at a later date. Vouchers make a great gift and are good for projects beyond a 3 month start date. Simply go online to order at your convenience for the freshest plug spawn. Plug spawn is ideal for small projects of 1-10 logs.

**EACH OUTDOOR VOUCHER KIT** contains:  
 - A drill bit  
 - Log sealing wax  
 - A wax applicator  
 - 100 count plug spawn voucher  
 - Instruction guide



**MUSH20. SHIITAKE MUSHROOM OUTDOOR LOG GROWING KIT (LENTINULA EDODES)**

A nutritious mushroom that produces medium-to-large, brown, umbrella-shaped caps that tend to fruit throughout the summer to fall growing season. They are delicious and their flavor is often described as rich, savory, buttery, and umami. Shiitake tends to produce generous flushes and they are a great mushroom for beginners. They colonize quickly and are the most reliable producers of any species. Tree species to use for log inoculation: Best species- alder, beech, hard maple, hornbeam, sweetgum. Suitable species - basswood, birch, chestnut, hickory, soft maple, pecan, sycamore, tulip tree, and willow.



**MUSH40. SNOW OYSTER MUSHROOM OUTDOOR LOG GROWING KIT (PLEUROTUS OSTREATUS)**

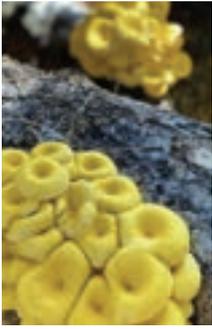
A popular, fleshy, firm oyster variety. In the wild, they can often be found growing on dying maple trees. They have sweeter flavor and aroma than other oysters and hold their shape and texture when cooked. Snow oyster mushroom plugs are ideal for first time mushroom log growers as they colonize quickly and are reliable producers. They are also a cold weather loving strain that tend to fruit in the cooler months. Tree species to use for log inoculation: Best species- aspens, cottonwood, tulip tree, willow. Suitable species- alder, beech, basswood, birch, box elder, elm, hard and soft maple, mulberry, pear, sweetgum, and sycamore.



**MUSH60. LION'S MANE MUSHROOM OUTDOOR LOG GROWING KIT (HERICIUM ERINACEUS)**

A nutritious medicinal mushroom that produces plump white clusters with icicle-like teeth. When cooked, it has a consistency and flavor similar to crab meat. Though slightly harder to get flushes than oysters or shiitake, they are still a great outdoor mushroom for intermediate growers. They colonize quickly and are relatively reliable producers. Tree species to use for log inoculation: Best species- beech, hornbeam, hard maple, Suitable species - alder, aspen, cherry, chestnut, elm, soft maple, oaks, sweetgum, and mulberry.

## MUSHROOMS



### MUSH80. GOLDEN OYSTER MUSHROOM OUTDOOR LOG GROWING KIT (PLEUROTUS CITRINOPLEATUS)

Thrives in warmer temperatures and tends to fruit in summer months. It produces beautiful clusters of bright yellow caps that are a favorite at farmers' markets. When cooked, they have a mild nutty flavor and aroma that pairs well with most dishes. Oyster mushrooms are great for beginners because they colonize quickly and are reliable producers. Tree species to use for log inoculation: Best species- aspens cottonwood, tulip tree, willow. Suitable species- alder, beech, basswood, birch, box elder, elm, hard and soft maple, mulberry, pear, sweetgum, and sycamore.

**GERMINATION TEMPERATURE:** Optimum soil temperatures 75-85° F.

**SEED SOWING DEPTH:** 1/2" deep

**STARTING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cell/pot, thinning to the strongest seedling. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant out after the last frost, 12-18" apart.

**SOWING OUTDOORS:** After the last frost when the soil temperature is over 70 F. Sow 3-6" apart, thin to 12-18".

**HOW MUCH DOES A PACKET PLANT:** 20-25 foot single row

**HARVEST:** Clip pods off at 2-4", keeps the plant flowering for more production

**TIPS:** Needs fertile, well-drained soil, amend with compost and/or add organic fertilizer. Keep well watered for optimum growth, mulching will help retain moisture.

### 236. COW HORN (90 DAYS) HEIRLOOM 1860'S

A truly giant plant, for okra or anything else, it can grow to a height of 8'. Pods can grow to 15" although for eating they are best picked at about 5". **30 seeds - \$1.95**



### 238. RED BURGUNDY (55 DAYS)

GERM 7-10 DAYS

Everything on this one is red, the stems, the pods, the flowers and even to some extent the leaves. Truly ornamental but it also bears an abundance of tasty pods. **30 seeds - \$1.95**



### 23603. CANDLEFIRE

(F1 HYBRID 60 DAYS)

GERM 7-10 DAYS

Abundantly productive AAS winner that is strikingly ornamental. The vibrant red pods look a bit like a flame on the bush, making it easier to keep picked. Unlike most okra pods that are ribbed, these pods are smooth and round. Plants can grow to 3'. Thrives in hot, humid conditions. Suitable for a raised bed as well. **15 seeds - \$4.75**



### 823. JAMBALAYA (F1 HYBRID 55 DAYS)

GERM 7-10 DAYS

Extra early maturing dark green pods sprout from the compact plants, being very suitable for container gardening. Great for those of you that garden in northern climates. **30 seeds - \$2.75**



### 235. CLEMSON SPINELESS (64 DAYS)

GERM 7-10 DAYS

Plants are about 3' tall. They carry numerous spineless pods which are tender and tasty if picked young. This variety won an All-America selection winner back in 1939 and is still thought of as the standard variety. **30 seeds - \$2.25**



### W670. STAR OF DAVID (65 DAYS)

GERM 7-10 DAYS HEIRLOOM

Vigorous plants are very tall and productive. They produce a multitude of 5", flavorful pods. When the pod is cut open the cross section reveals a Star of David. **30 seeds - \$1.95**

## ONIONS



### GERMINATION TEMPERATURE:

Optimum soil temperatures 60-75° F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** Start 8-10 weeks before the last frost. Sow in flats 1/4" deep, 1/4" apart. Liquid fertilize seedlings every 7-10 days. The seedling's size should be about a pencil-thick at transplanting time. Transplant out early to mid-spring, 2-6" apart.

**SOWING OUTDOORS:** Early to mid-spring when the soil temperature reaches at least 55° F. Sow 1-3 seeds per inch, thin to 2-6" apart. The larger the bulb size the more space.

**HOW MUCH DOES A PACKET PLANT:** 15-30 foot single row

**HARVEST:** Stop watering a week before harvesting. Pull out when necks soften and start to fall over. Cure them in the sun for a few days then finish drying them out of direct sunlight, in a warm area, and in a single layer so air can circulate around them until the neck is dry. Store in a cool dark place with 35-40° F temperatures and 65-70% humidity.

**TIPS:** Needs fertile, well-drained soil. Amend with compost and/or add organic fertilizer. Keep well watered for optimum growth, at least 1" per week.

PLEASE NOTE: GERMINATION RATES FOR ALLIUMS (ONIONS/SHALLOTS/CHIVES/LEEKs) DECLINE RAPIDLY. WE STRONGLY ENCOURAGE YOU TO PURCHASE NEW SEED EACH GROWING SEASON.



### 24706. BLUSH (F1 HYBRID 115 DAYS)

GERM 5-10 DAYS / LONG DAY

Pink skinned onions are new to us and to the American market but have been grown in France for centuries. Attractive inside and out; rose-pink skin with light purple blushed rings and when eaten starts off sweet, ending with a nice onion bite. Produces large blocky shaped bulbs with excellent storage ability. **150 seeds - \$3.75**



### 24501. SOUTHPORT RED GLOBE

(110 DAYS) GERM 5-10 DAYS

LONG DAY HEIRLOOM 1873

D. M. Ferry Seed wrote in 1930; "This most excellent medium early or main crop red variety produces bulbs of medium to large size, ideally globe shaped with very smooth glossy surface, very small neck and remarkably beautiful purplish red color. Flesh is white, tinged with light purple, mild, very fine grained and tender". **150 seeds - \$2.25**



### 243. WHITE SWEET SPANISH (110 DAYS)

GERM 5-10 DAYS / LONG DAY

Bulbs will exceed 5" in diameter and are pure white and firm, thus storing well. Some globe shaped specimens may exceed 2lbs. in weight. **150 seeds - \$2.25**



### 24707G. CORTLAND (F1 HYBRID 105 DAYS)

GERM 5-10 DAYS / LONG DAY

Uniform globe shaped bulbs have thick copper colored skin and slender necks for easy drying and long storage. Developed by the breeders of some of the best storage onions available. High resistance to Fusarium basal rot and pink rot. **150 seeds - \$3.95**



### 244. YELLOW SWEET SPANISH (107 DAYS)

GERM 5-10 DAYS / LONG DAY

The standard yellow storage onion for the past century. Bulbs are up to 5" wide and can weigh a couple pounds. Skin and flesh are a pleasing yellow. Cures very well in the fall and if stored properly will provide crispy spiciness to dishes all winter. **150 seeds - \$2.25**

## STANDARD ONIONS

**24802. REDWING (F1 HYBRID 110 DAYS)**

GERM 5-10 DAYS / LONG DAY

A beautiful red round onion with a very mild flavor. Color is brilliant maroon, growing paler as you get to the center of the bulb. Bulbs are firm and round. A mild addition to a salad or sandwich. This is also an excellent storage onion for months and months of enjoyment. **150 seeds - \$3.25**

**246. WALLA WALLA (105 DAYS)**

GERM 5-10 DAYS / LONG DAY

This near legendary onion is noted for its mildness. In the NW, it's planted in fall, over-wintered, and harvested in spring. Produces an acceptably mild crop from a spring planting in areas with more severe winters. Try to protect it over the winter with light mulch. We've had mixed results with this method. Worth experimenting if you crave a mild onion. **150 seeds - \$2.25**

**24705. PATTERSON (F1 HYBRID 104 DAYS)**

GERM 5-10 DAYS / LONG DAY

Longest storage onion we offer. An outstanding variety that replaces the much loved Copra. Extremely high yielding 3-3 inch uniform bulbs. Copper colored skins with firm flesh. One of our employees was still cooking with them in early May. Save some space in your garden to grow this one. **150 seeds - \$3.25**

**24301. AILSA CRAIG EXHIBITION (105 DAYS)**

GERM 5-10 DAYS / LONG DAY

**BRITISH HEIRLOOM 1887** This fine large onion has gained a big following in the past several years. Bulbs in excess of 3lbs are possible, but the real virtue of this variety is the quality. Color is a snow-white, centers are bull's eye single, tops are vigorous, and the flavor is very sweet. Great for slicing raw. Every year that we grow it we reaffirm that Ailsa Craig is the biggest, the earliest, and the best. **50 seeds - \$2.50**

**W28105. BIANCA DI MAGGIO**

(95 DAYS) GERM 5-10 DAYS / LONG DAY

Italian Heirloom. This antique variety has flattened disk-shaped bulbs with a mild sweet flavor. It has a storage life of up to three months. Perfect size for kabobs, pickling, and roasting. Cooking tip- Roasting with balsamic vinegar really brings out its flavorful taste. **150 seeds - \$2.25**

**242. BARLETTA (65 DAYS)**

GERM 5-10 DAYS / SHORT DAY

A high-quality white, perfectly round, 3/4" onion for pickling. Plant in high density to form mini-sized or pearl onions. Also great in a cream sauce for your holiday table. **150 seeds - \$2.25**

**W28106. RED LONG OF TROPEA**

(90 DAYS) GERM 5-10 DAYS /

**INTERMEDIATE-LONG DAY ITALIAN HEIRLOOM** Fabulous onion! Origin was small area of southern Italy, near the city of Tropea. Produces 3-4" elongated bulbs wine red in color, sweet white flesh. **150 seeds - \$2.25**

**W28104. RED MARBLE CIPPOLINI**

(80 DAYS) GERM 5-10 DAYS / LONG DAY

Italian Heirloom. The extremely dark red color goes to the core of the bulb. Flat onions are 1 1/2" wide and 1" high. This is a very hard onion and a good keeper. Also good for braiding. **150 seeds - \$2.25**

## BUNCHING ONIONS

**24805G. PARADE (65 DAYS) NEW!**

GERM 5-10 DAYS

Bright white, 12-18" hearty shanks that are exceptionally uniform, setting you up for carefree growth and harvest. Produces vigorously with no bulbing. Sow a few times during the season to harvest regularly. **400 seeds - \$2.75**

**W467. HESHIKO (65 DAYS)**

GERM 5-10 DAYS HEIRLOOM

Produces no bulbs and also divides and thus can be considered sort of a perennial. Can be sown thickly (20 seeds per square foot) either in the spring for a fall crop or in the fall for a crop the following year. Use like scallions, each plant will have half a dozen narrow divisions in the fall. **400 seeds - \$2.25**

**24803. WARRIOR (60 DAYS)**

GERM 5-10 DAYS

Recent 2016 All-America selection winner that is ready 60 days from direct seeding and just 30 days after transplanting into the garden. More robust and earlier than our others onions, growing quickly, and held up well as we continued picking them over time. Uniform, slender stems perfect for harvesting at 1/2". **400 seeds - \$2.50**

FOR ONION PLANTS AND ONION SETS, SEE PAGE 100

**GERMINATION TEMPERATURE:**

Optimum soil temperatures 65-75° F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 4-5 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant a week or two before the last frost. Space 6-12" apart.

**SOWING OUTDOORS:** Spring when the soil temperature reaches at least 60 F, 1-2 weeks before last frost date. Sow 2-3 seeds every 6-12" apart. Thin to the strongest seedling Sow in midsummer for fall crops.

**HOW MUCH DOES A PACKET PLANT:** 6-8 foot single row**HARVEST:** Can be harvested by the leaf or the entire heads

**TIPS:** Needs fertile, well-drained soil, amend with compost and/ or add organic fertilizer. Keep well watered for optimum growth, mulching will help retain moisture. Temperatures that are consistently hot or under 50 F can cause bolting.

PAK CHOI

**61007G. BOPAK NEW!**

(F1 HYBRID 50 DAYS)

GERM 7-12 DAYS

Classic, white-stemmed full-sized variety with an even growth habit and tender, mild leaves and crisp, succulent stalks. This AAS winner is great raw or cooked and a great addition to the garden for fresh but different leafy greens. **40 seeds - \$2.25**

**W456. PURPLE (F1 HYBRID 47 DAYS)**

GERM 7-12 DAYS

A favorite in our trials, mostly because the very deep shade of purple really stands out, and it tastes very good. Distinctive purple leaves are carried on light green stems and the flavor is mild. **40 seeds - \$1.95**



## PAK CHOI

**82909. BABY (50 DAYS)**

GERM 7-12 DAYS

A tiny pak choi perfect for dense or container planting. You should be able to grow a half a dozen of these compact plants in a good sized pot and begin cutting within 45 days and continue to harvest the delicious leaves for another few weeks after. **40 seeds - \$2.25**

**W455. BRISK GREEN (F1 HYBRID 50 DAYS)**

GERM 7-12 DAYS

This non-heading green, a member of the cabbage family, is a compact variety that produces 6-8" meaty, spoon shaped leaves. It is a staple for Asian cooking. Excellent for stir fries, soups and raw in salads. Bolt resistant variety. **40 seeds - \$1.95**

**W375. ARAT (80 DAYS) GERM 14-21 DAYS**

An underutilized root vegetable here in the United States; said to be the secret to soups, widely used in German, Dutch, and Polish kitchens. Slender carrot shaped roots have white skin and flesh with a flavor combination of carrot and celeriac with a hint of nuttiness. Can be eaten raw, steamed, or cooked to flavor soups, stews, and soufflés. This is an improved variety with uniform roots that grow up to 12".

**400 seeds - \$1.95**

GERMINATION: 14-21 days

GERMINATION TEMPERATURE: Optimum soil temperatures 60-75° F.

SEED SOWING DEPTH: 1/8-1/4" deep

STARTING INDOORS: 6-8 weeks before the last frost. Soaking seeds overnight aids germination. Sow 2-3 seeds per cell/pot. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after last frost, 2-3" apart.

SOWING OUTDOORS: Early to mid-spring. Sow a few seeds every 1-2" apart. Thin to the strongest seedling. Keep soil moist for best germination.

HARVEST: Flavor improves after the first frost. Dig out carefully to keep roots intact. Pull out of the ground before a hard frost. Will keep a few months when stored in cool temperatures.

TIPS: Needs deep, loose, well-drained soil, amend with compost or apply organic fertilizer. Keep well watered for optimum growth. Keep well watered for best roots. Does not compete well with weeds, keep weeded.

**250. HARRIS MODEL (100 DAYS)**

GERM 14-21 DAY

Pure white perfectly straight roots. Slightly sweet flavor is unique in our experience. Store well and should comprise at least a small part of every northern garden. In the North, leave them in the garden until spring. It gives you a sweet treat to look forward to all winter. Dig them as soon as you can after thaw. If they are left for a few weeks they develop a lot of little white roots and start to become woody. **250 seeds - \$2.50**

GERMINATION TEMPERATURE: Optimum soil temperatures 60-65 F.

SEED SOWING DEPTH: 1/2" deep

SOWING OUTDOORS: Mid-spring. Starting 2-3 weeks before the last frost. Sow 1/2-1" apart, thin to 2-3" apart. Soil moisture should be maintained regularly until germination, letting the soil dry out during this period may result in lower germination.

HOW MUCH DOES A PACKET PLANT: 8-12 foot row

HARVEST: The flavor is best after a few frosts. Harvest after a few frosts or leave them in the ground for the winter cover with a thick layer of mulch and harvest in the spring when the ground thaws. Dig out before tops start regrowing.

TIPS: Parsnips prefer loose soil, free of rubble. Sow a few radish seeds with the parsnips to help mark the rows. This is helpful because they take 3 weeks to germinate. Requires 1" of water per week for optimum growth. Using a row cover helps to maintain moisture for germination. Does not compete well with weeds, keep weeded. An excess of nitrogen in the soil causes the roots to become hairy.

**251. HOLLOW CROWN (100 DAYS)**

GERM 14-21 DAY HEIRLOOM 1850

Also known as Guernsey. Per 1936 D. M. Ferry: "An excellent variety for the table. The roots are long with smooth white skin, uniform in shape, tender, and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top of the crown of the root." **250 seeds - \$2.25**

PLEASE NOTE THAT GERMINATION RATES FOR PARSNIPS DECLINE RAPIDLY. WE STRONGLY ENCOURAGE YOU TO PURCHASE NEW SEED EACH GROWING SEASON.

GERMINATION TEMPERATURE: Optimum soil temperatures 50-75 F.

Planting in cooler soil results in slower and lower germination.

SEED SOWING DEPTH: 1" deep

SOWING OUTDOORS: Early spring until the last frost date when the soil temperature reaches 50-75 F. Sow 1-2" apart. Sow two months before the last frost date for smaller fall harvests.

HOW MUCH DOES A PACKET PLANT: 12-15 foot single row

HARVEST: Pick every day for continuous harvest.

TIPS: Adding inoculant at planting time aids in a larger harvest and more robust plants. Varieties with vine lengths over 3 feet require support.

## SNAP PEAS

**26502. OPAL CREEK (70 DAYS)**

GERM 7-14 DAYS

The first ever yellow podded snap pea available to grow, bred by Peace Seeds, and named after an old growth forest in Oregon. White flowers turn into slender, pastel lemon pods, growing on robust, 6 foot vines that accept heat well, it was the last of ours to perish in this season trials. Sweet, but not overly so, having a fresh pea taste, perfect for eating raw.

**1oz (approx. 70-90 seeds) - \$2.95****26101. SUGAR SPRINT (58 DAYS)**

GERM 7-14 DAYS

This one is definitely the earliest sugar snap but it has some other virtues as well. Practically stringless - the least of any snap pea, and has short 2' vines, allowing it to mature with little to no support. Reportedly the best flavor of any of the newer (post sugar ann, sugar bon, sugar rae) sugar snaps and an excellent "disease resistant package".

**1oz (approx. 100-120 seeds) - \$2.75****263. CASCADIA (60 DAYS)**

GERM 7-14 DAYS

This snap pea is very sweet and tender, almost stringless. Earliness is also a virtue. 3" pods are carried on 30" vines. Highly recommended.

**1oz (approx. 110-130 seeds) - \$2.75****26503. SPRING BLUSH (70 DAYS)**

GERM 7-14 DAYS

Green pods with raspberry pink tint. Sugar snaps were first developed in the 1950's from a cross of a snow pea and shell pea; over sixty years later we now have these delightful, diverse varieties Grows to 5-6 feet.

**1oz (approx. 100-120 seeds) - \$2.95**

## SNAP PEAS

**26806. SNAK HERO (65 DAYS)**

GERM 7-14 DAYS

This recent All-America Selections winner produces 4" stringless pods that are straight and slender, resembling the appearance of a green bean. The flavor, however, is scrumptiously sweet with the juicy, crisp texture typical of snap peas. Vines are compact, reaching 18-24", optimal for growing in patio containers or hanging baskets. These succulent snap-peas are excellent eaten raw or cooked, and hold up great in the freezer.

**1oz (approx. 100-125 seeds) - \$3.25****259. SUPER SUGAR SNAP (62 DAYS)**

GERM 7-14 DAYS

An improved Sugar Snap. Very tall, with better resistance to powdery mildew, thicker and plumper pods (and more of them). Can out produce Sugar Snap, with a comparable, sweet flavor. Matures up to a week earlier than the old Sugar Snap.

**1oz (approx. 110-130 seeds) - \$2.75****261. SUGAR LACE II (65 DAYS)**

GERM 7-14 DAYS

The first semi-leafless or half leaf Sugar Snap type pea. It is also dwarf, growing to a height of only 24" so it requires no support. The lacy tendrils are unique and attractive, bearing large quantities of 3" pods with a distinctively sweet flavor.

**1oz (approx. 90-110 seeds) - \$2.50**

## SNOW PEAS

**266. OREGON GIANT (65 DAYS)**

GERM 7-14 DAYS

Thick, succulent, sweet 4-5" pods, productive over an extended period with high yields off bushy 30-36" vines. We are still harvesting them in mid-August; even the plump semi-filled pods remain tender. Very resistant to powdery mildew and pea enation mosaic virus.

**1oz (approx. 90-110 seeds) - \$2.75****26801. MAMMOTH MELTING SUGAR (65-75 DAYS)**

GERM 7-14 DAYS HEIRLOOM

Delectable super sweet stringless pods produce tremendous yields on the 5' vines. Later maturing variety stays yummy even when harvesting 5" pods at the end of the pea season. Pick young or pick mature the sweetness will endure.

**1oz (approx. 125-145 seeds) - \$2.50****269. GOLDEN SWEET (67 DAYS)**

GERM 7-14 DAYS HEIRLOOM FROM INDIA

Produces vigorous vines 6' long. Attractive two tone purple blossoms yield lemon-yellow pods that are best picked when small. Flavor is sweet and nutty.

**1oz. 50 seeds - \$2.95****W472. OREGON SUGAR POD II (68 DAYS)**

GERM 7-14 DAYS

This edible pod snow pea is the type used in Chinese cuisine. Unlike snap peas, it is best harvested at a very immature stage, when the forming peas are just barely visible. Fairly short vine (30-36"), so it isn't absolutely necessary to support it. Pods are smooth and ready for harvest when 4" long. Flavor is sweet and mild.

**1oz (approx. 125-145 seeds) - \$2.25****26803. LITTLE SNOWPEA PURPLE**

(50-54 DAYS) GERM 7-14 DAYS

Early maturing petite vines produce beautiful bi-colored purple flowers and green, flat crunchy pods. Compact and productive in any garden space, an excellent choice for growing in containers or the ground. We loved the flowers just as much as we enjoyed eating the peas. Grows up to 24".

**1oz (approx. 110-125 seeds) - \$2.95****SP20. GREEN PEA SHOOTS**

GERM 7-14 DAYS

Grow pea shoots and enjoy fresh pea flavor all year long. Sow seeds tightly outside in spring through the summer for a succession of pea shoots or indoors using trays filled with soil. Grow next to a window or under grow lights. Harvest tender young shoots at 3-5".

**3oz - \$2.75**

## SHELLING PEAS

**26402. CHAMPION OF ENGLAND**(70 DAYS) **NEW!**

GERM 7-12 DAYS

Heirloom Introduced in 1846 and has had a reputation for exceptional flavor and durability ever since. Sturdy vines grow upward, reaching 8-10 feet tall with large pods that each contain 8-10 scrumptious peas. Vigorous grower, provide a trellis or fence for vertical support.

**1oz (approx. 100-120 seeds) - \$2.95****262. EARLY FROSTY PEA (60 DAYS)**

GERM 7-14 DAYS

One of the best for early spring planting these peas are hearty and excellent for locations with cold springs and short seasons. Vines grow to 30" and yield 3 1/2" pods filled with 6-7 delicious medium sized peas. Great for fresh off the vine eating & for freezing plus they hold well after harvest.

**1oz (approx. 150-170 seeds) - \$2.50****264. LINCOLN (65 DAYS)**

GERM 7-14 DAYS HEIRLOOM BEFORE 1908

This variety has been popular in New England for generations. 3" pods contain 8-9 relatively small peas. Flavor is very sweet. They yield throughout July on 2 1/2' vines.

**1oz (approx. 135-155 seeds) - \$2.50****256. GREEN ARROW (63 DAYS)**

GERM 7-14 DAYS

Yields are high and borne on a good strong 30" vine. Pods can have as many as a dozen peas each, with two pods per node. Peas are fairly small and have good flavor.

**1oz (approx. 160-180 seeds) - \$2.50**

## SPECIALTY PEAS

**26701. BLACK EYED (70 DAYS)**

GERM 7-14 DAYS

Does well in hot weather, treat as a bean rather than a pea. Thrives in poor soil and due to the "nitrogen fixing" capabilities of legumes will actually improve the nutrition of the soil over time. Bushy plants produce pods of white peas with a dark spot and can be used fresh or dried.

**1oz (approx. 125-135 seeds) - \$2.25****W471. ASPARAGUS PEA (65 DAYS)**

GERM 7-14 DAYS (LOTUS TRYGONOLOBUS) HEIRLOOM

Native to the Mediterranean region, this 12-18" tall, spreading plant with pea-like foliage is covered with interesting little winged pods, also known as winged pea. They are best harvested at about an inch or less in length and are delicious steamed or stir-fried. Bright red flowers can be used as a garnish in salads and make it quite ornamental too. 50 seeds - \$2.95



# Peppers

**GERMINATION TEMPERATURE:** Optimum soil temperatures 75-85° F.

Cooler soil temperatures results in slower germination time.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 8-10 weeks before the last frost. Sow 2-3 seeds per cell/pot, thin to the strongest seedling, or use the 20 Row seedling flat, transplanting into individual pots when seedlings get their 3rd set of leaves. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to 1/2 of the suggested measurement. Transplant out after the last frost. Space 18-24" apart

**SOWING OUTDOORS:** Not recommended, especially in northern areas

**HOW MUCH DOES A PACKET PLANT:** 20-25 foot single row

**HARVEST:** Use a sharp instrument to cut the peppers from the plant. Pick the first fruits when they reach usable size, this helps accelerate the growth of the other peppers on the plant. Leave some peppers on the plant to mature so they can change color and sweeten up.

**TIPS:** Needs fertile, well-drained soil, amend with compost or apply organic fertilizer. Pinch off early flowers or tiny fruit on any seedlings before placing them in the ground. It helps to use row cover early in the season, giving the plants extra warmth, especially in the north.

## SWEET



### 27304. MINI BELLE BLEND (60 DAYS)

GERM 10-14 DAYS

The wee little peppers in this blend are such a blast of fun to grow either in the garden or on the patio. Peppers are tiny, some only being an inch long and wide. Compact plants grow to 15" in height. Absolutely cute and robustly sweet tasting added to salads, vegetable platters or for mini stuffed pepper hour d'oeuvres.

20 seeds - \$2.25



### 270. TAKII'S NEW ACE (F1 HYBRID 62 DAYS)

GERM 10-14 DAYS

The big advantage of this variety is that it sets fruit well in cool weather and thus is a good choice for the North and coastal regions in particular. Fruits are medium in size and flavor is good. Resistant to Tobacco and Tomato Mosaic Virus. 20 seeds - \$2.75



### 27801. CANDY CANE (F1 HYBRID 60-65 DAYS)

GERM 10-14 DAYS

Distinctive variegated foliage sets this plant apart from all of the others. The boldly striped, snack sized peppers are one of the sweetest we have ever trialed. Uncommon fruits start off with bands of light and dark green, later developing the red giving it the 'candy cane' appearance, edible at any stage. Exceptionally crisp, elongated fruits grow to 3-5 inches. Unbelievably yummy right off the plant. Try keeping them in a container just outside your door! 20 seeds - \$5.25



### 27905. SNACKABELLE (F1 HYBRID 60-75 DAYS)

GERM 10-14 DAYS

Mini-sized, thick-walled sweet bell peppers are delicious when eaten at any stage of ripeness, ideal for raw snacking, grilling, or stuffing. Fruits are 2" by 2" with quick cleaning, easy-out stems; simply push down or cut around the cap to release the seeds. Plants have a compact growing habit, perfect for containers and small spaces. 10 seeds - \$3.25



### 27301. BIG RED (75 DAYS)

GERM 10-14 DAYS

Many say that this newer open pollinated variety yields better than the hybrids. You will get an abundance of 4", thick walled, very sweet red peppers. Flavor is crisp and delicious. 20 seeds - \$2.25



### 273. PURPLE BEAUTY (71 DAYS)

GERM 10-14 DAYS

This open pollinated variety is more than a novelty, a nice thick walled pepper that yields late here, but in the main season in most of the country. The purple color adds a lot to the appeal—a deep, midnight, eggplant purple. Plants are compact and set fruit in both the crown and on the limbs. Resistant to Tobacco Mosaic Virus. 20 seeds - \$1.95



### 27202. FLAVOR BURST

(F1 HYBRID 75 DAYS) GERM 10-14 DAYS

An extremely beautiful colored pepper starting out lime green maturing into a gilded gold. Has a juicy, delightful sweet taste with a burst of citrus. Enjoy the bountiful harvest provided by using the young or mature blocky elongated peppers. 10 seeds - \$2.25



### 27204. ORANGE SUN (81 DAYS)

GERM 10-14 DAYS

Fruits are 3 to 4" long and have medium thick walls with color changing from a deep green to a true golden color in just a matter of days. Yields are reasonably heavy on 2', erect plants. 20 seeds - \$2.25



### 27402. LILAC BELL (70 DAYS)

GERM 10-14 DAYS

Lilac Bell is a beautiful, full sized, sweet bell that starts out yellow and gradually turns a light purple with distinctive yellow stripes. This early beauty will make the complete color change even in the North. 20 seeds - \$2.25



### 27605G. RAINBOW BLEND

(60-90 DAYS) GERM 10-14 DAYS

A five color blend of sweet, thick walled bell peppers. Red, yellow, orange, purple and green. Grow all the colors in your garden from just one packet. 30 seeds - \$4.50



### 27901G. CARMEN

(F1 HYBRID 60-80 DAYS)

GERM 10-14 DAYS

An award-winning Corno di Toro/bulls horn type with early maturity and deliciously sweet flavor. Productive and reliable, flowering and setting fruits over a wide temperature range, perfect for shorter growing season. Harvest these elongated peppers at 6-8", green or red. 15 seeds - \$4.95



## SWEET

**276. SWEET BANANA (72 DAYS)**

*GERM 10-14 DAYS HUNGARIAN HEIRLOOM*  
Produces abundant 6" long Hungarian-type peppers, sometimes over 20 per plant. Attractive yellow color eventually turns crimson and flavor is sweet and spicy. AAS winner. **20 seeds - \$2.25**

**27501. SWEET RED CHERRY (75 DAYS)**

*GERM 10-14 DAYS*  
Yields of 1-2" fruit could be described as "everbearing". Small plants produce dozens of these round, flattened fruit turning from green to red. Flavor is fine and they are ideal for canning, pickling, or stuffing. **20 seeds - \$1.95**

**271. BURAN (90 DAYS)**

*GERM 10-14 DAYS POLISH HEIRLOOM*  
Buran ripened up toward the end of the season up here in Maine, mid September, but the plant was loaded with green and ripe red peppers. We took a bite out of a green fruit and were quite surprised at the sweetness it had while still green, especially when compared to a green California Wonder pepper. Medium sized, 3-lobed fruits are 4" long. **20 seeds - \$1.95**

**27302. CHOCOLATE BEAUTY (74 DAYS)**

*GERM 10-14 DAYS*  
A unique specialty pepper that produces smooth, good sized fruit. Matures from green to an attractive chocolate hue. Some believe that the flavor of the chocolate peppers is the sweetest of all. Fruit are large, thick walled, and generally 4-lobed. **20 seeds - \$1.95**

**278. CUBANELLE (65 DAYS)**

*GERM 10-14 DAYS*  
This frying type pepper is a must in many Mediterranean dishes. The fruit is an elongated and flattened yellowish green changing to red. Walls aren't particularly thick. Quite productive and early. **20 seeds - \$1.95**

**275. PIMENTO (75 DAYS)**

*GERM 10-14 DAYS*  
Heart shaped, smooth, round fruits average 3 1/2" in length. Eventually they turn from green to a deep red. Go ahead - stuff your own olives. **20 seeds - \$1.95**

**27702. ACONCAGUA (75 DAYS)**

*GERM 10-14 DAYS ARGENTINIAN HEIRLOOM*  
This very large pepper plant is named after a mountain in Argentina where it originated. Plants can grow close to 3' in height and probably need to be supported as the fruit set is very heavy. Fruit can come close to 1' in length and ripen from green to orange to red. They have great flavor for fresh use at any stage of maturity and are great for roasting when fully mature. **20 seeds - \$1.95**

**MARCONI (80-90 DAYS)**

*GERM 10-14 DAYS*  
Long tapered Italian peppers with thin walls, and a crunchy texture. Red is the sweetest and the golden offers a gentle sweetness. Plants flourish with fruits that are great for frying, stuffing or sliced into rings for salads. **20 seeds - \$1.95**



**27701. RED**  
**27704. GOLDEN**

**27707. JIMMY NARDELLOS**

*(80 DAYS) GERM 10-14 DAYS HEIRLOOM*  
Sweet Italian frying pepper with a long history. Originally from Basilicata, a southern region of Italy, was brought to Connecticut in the late 1800s by the Nardello family and saved for years by son Jimmy who passed the seed along in the early 1980s. It has become a favorite of home gardeners and chefs for its rich, complex fruity flavor and history. Easy to grow, throwing out loads of peppers that turn bright red. Historically, they were also dried by threading them through the stems and hung up for use during the winter. **20 seeds - \$1.95**

**27705. CORBACI (75 DAYS)**

*GERM 10-14 DAYS HEIRLOOM*  
The most prolific and earliest, by mid July we had over a dozen 10" peppers on one plant, suitable for growing in the north. Super long, thin fruits; some stay straight, some spiral. Edible at any stage, they start out yellow-green, maturing into red, with a fruity, sweet flavor. This heirloom from Turkey is also called Sari Tatli Sivri and used for fresh eating, pickling, frying and drying. We saved some of our reds to dry and turn into a paprika type powder. **20 seeds - \$1.95**

**27303. KALEIDOSCOPE MIX**

*(68-80 DAYS) GERM 10-14 DAYS*  
A rainbow of sweet pepper varieties. Red, purple, yellow, chocolate, white, and orange. **40 seeds - \$3.95**

**27503. ALMA PAPRIKA (70 DAYS)**

*GERM 10-14 DAYS*  
This is the type of paprika that is squat with many lobes, similar in size and shape to a medium sized tomato. This is the perfect pepper to dry to produce the popular spice but is also eaten fresh, and yields are very abundant so you can use it both ways. Skin color changes from cream to a bright pumpkin orange and eventually red. **20 seeds - \$1.95**

**27401. KING OF THE NORTH (70 DAYS)**

*GERM 10-14 DAYS HEIRLOOM 1934*  
It is a challenge trying to grow fabulous peppers when you live in the north, with a cool and short season. But when you run back from the garden with the first harvest of a succulent sweet red pepper you will be glad you have chosen this variety! The average size fruit is 6" x 4" with blocky, thick walls producing very well on a medium size, multi branching plant. **20 seeds - \$2.25**

**272. CALIFORNIA WONDER (75 DAYS)**

*GERM 10-14 DAYS*  
This is a very large open pollinated variety measuring 4" square or more. Flavor is mild and sweet. Color ranges from deep green to crimson when fully mature. **20 seeds - \$2.25**



CAYENNE



**280. CAYENNE - LONG (70 DAYS)**  
 GERM 10-14 DAYS HEIRLOOM PRE-1827  
 Wrinkled peppers are 6" long and skinny. Fiery hot and excellent for drying. An attractive plant.  
**20 seeds - \$2.25**



**283. PURPLE CAYENNE (70 DAYS)**  
 GERM 10-14 DAYS  
 This exceptionally ornamental pepper is also one of the hottest we have encountered. Two foot plants are covered with dozens and dozens of light purple blossoms which turn into dark purple, thin peppers about 3" long, a bit smaller than a regular cayenne. **20 seeds - \$1.95**

JALAPENO



**28206G. EARLY JALAPENO (66 DAYS)**  
 GERM 10-14 DAYS A spicy pepper with excellent keeping qualities, although Jalapeños are generally used green, they do turn red at full maturity. You should get a very abundant yield of 1" by 3" thick walled fruits, perhaps 30 per plant.  
**20 seeds - \$2.95**



**28204. FELICITY (F1 HYBRID 65 DAYS)**  
 GERM 10-14 DAYS / HEATLESS  
 It's easy to be timid when taking your first bite out of this pepper, but it really has no HEAT! A tamed jalapeno with the same exceptional flavor and crunchy thick walls. We were impressed with the number of peppers this produced, loaded with large, 4-6" fruit. **15 seeds - \$3.25**



**28101. JALAFUEGO**  
 (F1 HYBRID 70 DAYS) GERM 10-14 DAYS  
 One gigantic jalapeno, noticeably more robust in size and spiciness than other varieties; with extra wide and long, smooth, glossy, 4-6" long fruits that grow vigorously on sturdy, high yielding plants. Your stuffed jalapenos will be changed forever. Resistant to Bacterial Leaf Spot. **15 seeds - \$3.50**

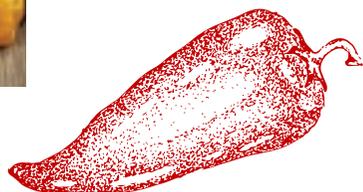


**27903. POT-A-PENO**   
 (F1 HYBRID 45-60 DAYS) GERM 10-14 DAYS  
 Petite plants have a cascading growth habit perfect for growing in hanging baskets, containers, or small-space gardens. Despite its compact size, Pot-A-Peno produces a high yield of 3-4" fruits with a classic spicy jalapeno flavor. Matures earlier than any traditional variety, harvest green for traditional spicy jalapenos or allow to ripen to red for a sweet, spicy flavor. All-America Selections winner.  
**10 seeds - \$4.25**

SPECIALTY HOT



**W571. PINETREE'S SPECIAL HABANERO MIX (85-100 DAYS)**  
 GERM 10-14 DAYS  
 All of these tall, sturdy, attractive plants will produce an abundance of shiny bright, very hot, lantern shaped peppers. Colors are red, orange, chocolate, and vivid yellow. Decorative and spicy.  
**20 seeds - \$1.95**



**27803. HABANADA (70 DAYS)**  
 GERM 10-21 DAYS / HEATLESS  
 A culinary wonder that has captured attention from around the world. Bright tangerine colored fruits have an exotic tropical flavor, a real stand out. Try growing these 2-3 inch peppers to create your own distinctive hot sauce, salsa or chili powder. There is a gourmet chef who used this pepper to create a Habanada Creme Brulee! **20 seeds - \$3.95**



**28301. TABASCO (85 DAYS)**  
 GERM 10-14 DAYS HEIRLOOM  
 Imported to the US from Tabasco, Mexico in 1846. Eventually it made its way to Avery Island, Louisiana where the McIlhenny family used it in a hot sauce that has become so renowned that the word "Tabasco" is now used as a synonym for hot sauce. Plants are over 1' tall and covered with 2" long tapered fruit. **20 seeds - \$1.95**



**27715G. SHISHITO (60 DAYS)**  
 GERM 10-14 DAYS HEIRLOOM  
 A superb market variety that is starting to pop up at farmers' markets and restaurants around the country. This Japanese heirloom is similar to the Padrón pepper in appearance but is slightly more wrinkled. One in ten peppers has the potential to be spicy but, don't fret, they will be less fiery than jalapeños. Traditionally sautéed over high heat until blistered on all sides, these peppers are a savory surprise to look forward to.  
**20 seeds - \$3.95**



**287. GHOST - BHUT JOLOKIA**  
 (100-120 DAYS) GERM 10-14 DAYS  
 A legendary variety from India, has extreme heat, said to be one of the hottest peppers in the world with a Scoville rating over 1 million units. For comparison the Jalapeno has a rating of 3500-10,000. Patience is required for this pepper, as they start out slow but will form 4' tall plants with thin walled, wrinkly fruit that ripen to red. Start indoors early as they can be slow to germinate and do require a long season. **20 seeds - \$2.50**



**W570. HABANERO (90 DAYS)**  
 GERM 10-14 DAYS HEIRLOOM  
 Lovely fruits and plants and very hot chiles. Can be successfully grown in our climate although yields will be higher with a longer growing season. Also called Scotch Bonnet. Fruits are a beautiful, deep orange when mature. Here, plants are only a little over 1' high and the light green, serrated leaves are very attractive. Yields of green peppers run about 10 per plant with a few of these turning orange. Peppers are 1 1/2" x 3". **20 seeds - \$1.95**



**282. HUNGARIAN YELLOW WAX (65 DAYS)** GERM 10-14 DAYS HEIRLOOM  
 Yields a large quantity of 6 inch yellow fruits, which turn red when fully ripened. Not super hot, but certainly pungent. **20 seeds - \$1.95**



**BIQUINHO (55-90 DAYS)**  
 A Brazilian pepper, 'bee-kee-nyo', which means 'little beak', are tiny, 1" peppers with a pointed end like a birds beak. Biquinho peppers are marginally tart, slightly fruity with a tiny bit of heat. They are more often than not pickled in vinegar but can be eaten raw or cooked. Pop them in your mouth for a burst of fruity tang with a crunch.  
**20 seeds - \$2.50**



**27709. YELLOW**  
**27710. RED**

## SPECIALTY HOT

**W572. SERRANO (75 DAYS)**

GERM 10-14 DAYS HEIRLOOM

Peppers are small, 1/2" x 2" and borne in abundance, perhaps 60-100 per plant. Very hot even when green and much hotter when they turn red. **20 seeds - \$1.95**

**286. RED HOT CHERRY (77 DAYS)**

GERM 10-14 DAYS

These peppers are red hot and used primarily for pickling. Fruit are one to two inches across, round, and flattened. Plants are small and color turns from deep green to dark red. **20 seeds - \$1.95**

**W284. ITALIAN PEPPERONCINI**

(75 DAYS) GERM 10-14 DAYS

These peppers are just mildly hot by Italian standards, really nothing by Latin or Asian standards. Offers abundant 5", elongated fruit; a light green turning to red. Pick these small for pickling and to increase yields. **20 seeds - \$1.95**

**W579. PINETREE HOT PEPPER MIX**

(66-90 DAYS) GERM 10-14 DAYS

Many of the hot peppers we sell plus a few others, giving you the benefit of scattered maturities, different shapes and colors, and varying degrees of hotness. **50 seeds - \$2.95**

**W575. ANCHO (80 DAYS)**

GERM 10-14 DAYS HEIRLOOM

The primary Poblano-type pepper. It is nearly the size of a regular bell pepper but flattened and pointed at the end. An attractive shiny green with a thick flesh which makes it ideal for stuffing. Pungency is generally quite mild and green although it will eventually redden. **20 seeds - \$2.25**

**W564. PASILLA BAJIO (80 DAYS)**

GERM 10-14 DAYS HEIRLOOM

A hot pepper, about 4-5" inches in length. The name means little raisin. It has a pungent, smoky flavor and is said to be the secret ingredient in some award winning Texas chiles. **20 seeds - \$1.95**

**W563. ANAHEIM (80 DAYS)**

GERM 10-14 DAYS HEIRLOOM

This is the pepper you want for Chile Relleno and the ubiquitous red or green sauces. The 30" plant bears smooth, flat, 2 celled peppers, about 7-8" in length. They are pungent, but not terribly hot. **20 seeds - \$1.95**

**27712. TRINIDAD SCORPION**

(100 DAYS) GERM 10-14 DAYS

Trinidad scorpion was the hottest pepper in the world until Carolina Reaper came along. This one comes in at 1.2 million scoville units and deep in that heat is a bit of fruity sweetness. **20 seeds - \$5.95**

**288. BIRDS EYE CHILI (85 DAYS)**

GERM 10-14 DAYS

A very diminutive hot pepper with lots of fire that is used mostly in Asian, African, Spanish, Thai, and Portuguese cooking. The green immature fruits are used as much as the red/purple mature ones. Great for drying whole or ground into chili powder. Used to make peri-peri sauce. **20 seeds - \$2.25**

**28201. PADRON (60 DAYS)**

GERM 10-14 DAYS HEIRLOOM

Favorite in the Northwestern region of Spain. What makes this interesting is that only a small percentage, 1 out of 20 of the small (1-1 1/2") peppers are considered hot. Is it hot or is it not? Won't know until you try one! Customarily they are fried in oil and served as tapas. Mature peppers elongate with a conic undulating shape; pick them green, small or big, or leave on until they turn red. They have flavorful spice to them, with the mature reds having a sassy sweetness. Highly productive for us, a few gallons from 2 plants. **20 seeds - \$1.95**

**W479. SUPER THAI**

(F1 HYBRID 71 DAYS) GERM 10-14 DAYS

Excellent yielding, good tasting, high pungency pepper that adds zest to stir fry dishes, sauces, and other foods. Vigorous plants grow 30" tall with strong stems, abundant foliage and heavy fruit set. As fruits mature they turn from green to dark red and measure 4-5" in length. The earliest, largest Thai pepper we are familiar with (resistant to tobacco mosaic). **10 seeds - \$1.95**

**27904. MAD HATTER**

(F1 HYBRID 85-105 DAYS)

An exotic AAS-winning pepper with winged lobes that form a flattened disc shape. It has a crisp and crunchy texture and a lightly sweet, fruity flavor. Use in either green or red stage; they are perfect for snacking, salsa, pickling, and stuffing. Flavor intensifies as the fruit ripens, and in hotter climates, the center may produce a hint of heat, but the outer lobes remain sweet. **10 seeds - \$3.95**

## POTATOES

## GERMINATION TEMPERATURE:

Optimum soil temperatures 70-75° F.

SEED SOWING DEPTH: 1/4" deep

STARTING INDOORS: 6-8 weeks before transplanting out in spring (depends on your potato planting date). In mild climates (Zones 8-10), start seeds for a fall crop in midsummer. Sow 1-2 seeds per cell/pot. Thin to the strongest seedling. Transplant 24-36" apart

SOWING OUTDOORS: Not recommended

HOW MUCH DOES A PACKET PLANT: 20-30 foot single row

HARVEST: For fresh "new potatoes", harvest when they reach 3/4"-1" in diameter for best flavor and texture. For storage potatoes, harvest about 3 weeks after foliage has died back; this allows the skins to toughen and prevents drying out. Storage potatoes should be left unwashed in a dry, well-ventilated area for 2-3 days to cure.

TIPS: Needs fertile, well-drained soil. Keep well-watered for the highest yields, mulching will help retain moisture. Mounding soil around plants a few times during the growing season will increase potato yield.

**30012. CLANCY**

(F1 HYBRID 90 DAYS)

GERM 7-14 DAYS



This All-America Selections winner presents a unique opportunity to grow potatoes from seed. Clancy's spuds have a variation of skin colors, from red to bluish, with creamy white to yellow interiors. Excellent flavor and texture, in between the well-known Yukon Gold and Russet varieties. Harvest the round to oblong-shaped potatoes at baby or full-sized, and use for roasting, mashing, or boiling. Easy to grow in containers and raised beds. **20 pelleted seeds - \$4.25**

FOR SEED POTATO TUBERS, SEE PAGE 101

**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-85 F. Planting in soil under 70 F may result in poor germination.  
**SEED SOWING DEPTH:** ½"-1" deep  
**STARTING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cell/pot. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after the last frost when the soil warms to 70 F., 36"-48" apart, in rows 48-60" apart.  
**SOWING OUTDOORS:** After the last frost when the soil temperature reaches 70 F. Sow 2-3 seeds per space/hill. 36-48" apart, in rows 48-60" apart  
**HOW MUCH DOES A PACKET PLANT:** 12-15 foot single row, 4-5 hills  
**HARVEST:** When the skin turns color and rinds are hard. Leave a few inches of the stem on for the storage.  
**TIPS:** Needs fertile well drained soil, amend with compost, well-rotted manure and/or organic fertilizer. Heavy water needs, supply adequate water, at least 1" per week for optimum growth. Use black plastic mulch and row covers for weed, insect control, and faster growth.

**30002. AUTUMN HARVEST DISPLAY (PUMPKIN/SQUASH/GOURD MIX) (60-120 DAYS) GERM 7-10 DAYS**  
 Will contribute mightily to those harvest displays! Also tastes great in a winter dinner. You will encounter surprise after surprise after surprise. Pumpkins: Jack be Little, Small Sugar, Musquee De Provence, Galeux d' Eysines, Rouge vif D' Etamps, and a mix of large and small gourds varieties.  
**100 seeds - \$3.95**



**290. BABY BEAR (105 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 Johnny's Selected Seeds developed this novelty mini-pumpkin, a 1993 All-America selection winner. Small, deep orange color and long, sturdy stem. Weighing less than 2 lbs. and averaging 5" in diameter, it's appealing to kids of all ages who like to make jack-o-lanterns. Semi-hulless seeds are great for roasting and the flesh, is moist and flavorful. Vines are shorter than other varieties, but each plant produces 8-10 fruits.  
**15 seeds - \$2.25**



**298. HOWDEN (105 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 This heirloom variety developed by John Howden of Massachusetts remains one of the best choices for big Jack O' Lanterns. Pumpkins average around 25 lbs and are much more uniform in shape than other Connecticut Field types. Skin is thick and rugged so it will last for a long time but the color is probably the biggest selling point - a deep reddish orange.  
**15 seeds - \$2.50**



**29201. SPOOKIE (96 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 A cross between Sugar Pie and Jack O' Lantern pumpkins, great for pie or carving on the porch. The 6-10 lb pumpkins are about 7" across with a smooth, hard red-orange skin and sweet, thick yellow-orange flesh. Exceptionally high yields of this strong stemmed pumpkin are reported.  
**15 seeds - \$2.25**



**29501. WEE BE LITTLE (85 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 This miniature true pumpkin produces fruit that are 3-3 1/2" in both width and height. An All-America selection winner, plants are bushy and compact and produce unique ornamental pumpkins. Also has good flavor for eating. Try this: cut off the top, remove the seeds and pulp, fill with pumpkin pie filling, and bake on a cookie sheet at 350° for 25-30 minutes. Serve as individual desserts at a harvest party.  
**15 seeds - \$2.25**



**W174. MUSQUEE DE PROVENCE (100-110 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA MOSCHATA  
 FRENCH HEIRLOOM A slightly flattened and deeply lobed pumpkin that is an heirloom from southern France, dating back to the late 1800's. Magnificent variety is excellent for roasting or stuffing. Starts out green and turns a rich orange brown. Thick flesh is deep orange and dense with a distinct nutty flavor. Fruits can weigh up to 20lbs.  
**15 seeds - \$3.50**



**29503. CASPERITA (F1 HYBRID 77 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 Cute and tiny, 1-1 1/2 lb, white pumpkins with deep, smooth ridges. Easy to grow, with edible flesh, similar to an acorn squash, plus they make great fall decorations. We love growing tiny pumpkins; they tend not hog too much garden space, are not back-breaking to pick and still gives you that autumn vibe. Intermediate resistance to powdery mildew.  
**10 seeds - \$3.95**



**296. DILL'S ATLANTIC GIANT (125 DAYS) GERM 7-10 DAYS/ CUCURBITA MAXIMA**  
 It's fall, you're reading the paper and suddenly your eye is drawn to a picture of this giant orange thing about the size of a pickup truck with a guy half its size standing next to it grinning like a lunatic. "Boy, I'd like to grow me one of those," you think. Let's not quibble over whether this is a squash or a pumpkin; if it's going to take up half your backyard, it can have a name of its own. The point is, it's big. We sell only the true cultivar developed by Howard Dill of Windsor, Nova Scotia—not someone else's imitation.  
**8 seeds - \$2.25**



**29803. EARLY GIANT (F1 HYBRID, 95 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 An ideal, large carving pumpkin with deep orange skin and light ribs. It grows mostly the tall elongated type of pumpkins, ranging from 14-40 lbs. Long vines need sufficient spacing, 30-40 sq ft per plant. Powdery mildew resistant.  
**15 seeds - \$3.95**



**292. SMALL SUGAR (95 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 HEIRLOOM PRE-1860  
 The ultimate pie pumpkin, although the larger specimens can also be carved for Halloween. The vigorous vine grows well on a trellis or other support, and produces a number of 5-8lb fruits. Eating quality is excellent.  
**15 seeds - \$2.50**



**W173. ROUGE VIF D'ETAMPES (105 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA MAXIMA  
 FRENCH HEIRLOOM  
 This unique 1800's French pumpkin is popular with chefs for soup bases because its mild flavor doesn't overpower other ingredients. Fruits are flattened and concave on top, about 15" across and 6" high. Skin color is a brilliant reddish orange, more dramatic than the yellow-orange pumpkins you are used to. Flavor is great in pies or any winter squash recipe. Plants are vigorous with 15' vines.  
**15 seeds - \$2.50**



**295. JACK BE LITTLE (85 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 You will love these tiny pumpkins! 3-5" in diameter, flattened, heavily grooved, with a bright orange color and very prolific. Can be grown on a fence to save space. Kids love them and they make great decorations.  
**15 seeds - \$2.25**



**29801. CONNECTICUT FIELD (100 DAYS) GERM 7-10 DAYS**  
 cucurbita pepo Heirloom pre-1700  
 Grown by Native Americans prior to the arrival of the Europeans. Pumpkins are large and run to 25 lbs. Globe shaped and a bit flattened. The flesh is much coarser than the more modern varieties but the flavor is good. Makes a dandy Jack O' Lantern.  
**15 seeds - \$2.25**

PUMPKINS



**29701. WINTER LUXURY (100 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 HEIRLOOM 1893  
 It is said to be the best pie pumpkin, ever! Vines produce medium sized, 5-7 lb. tangerine orange pumpkins that are blanketed with white netting giving it a pastel appearance. Flesh is silky smooth with just the right amount of sweetness. A must have if you like to have your own canned pumpkin in the pantry.  
**15 seeds - \$2.50**



**29704G. KAKAI HULLESS (100 DAYS)**  
 GERM 7-10 DAYS/ CUCURBITA PEPO  
 Do you love raw or roasted pumpkin seeds and want to be able to supply your family with more of your own homegrown healthy snacks? Then this "naked" hulless pumpkin is a perfect selection. Semi bush habit and 5-8lb fruit. Slightly ribbed skin has dark green mottled strips laid over the orange skin.  
**15 seeds - \$2.75**



QUINOA



**30001G. BRIGHTEST BRILLANT RAINBOW BLEND (90-120 DAYS)**  
 GERMS 3-7 DAYS  
 High protein, nutritious grain, produces large seed heads and young, edible leaves. At maturity includes attractive red, yellow, orange, white, and green seed heads. A cool weather crop, grows best in northern areas where daytime temperatures do not exceed 90-95°, above this can prevent seed heads. Should be sown in cool soil, at 45-60°. Sow in straight rows, keep well weeded, and thin 8-18" apart when the seedlings are 6" high. Grows 4-6' tall, in well drained, rich soil. After harvesting, wash a few times to remove the bitter saponin coating that covers the seeds. Cook like rice to enjoy a delicious gluten-free nutritional powerhouse!  
**500 seeds - \$2.95**



# Radishes



**GERMINATION TEMPERATURE:**  
 Optimum soil temperatures 60-75° F.  
**SEED SOWING DEPTH:** 1/2" deep  
**SOWING OUTDOORS:** Starting in early spring. Sow 1/2-1" apart, thin to 1-2" apart, soon after the seedlings emerge.  
 How much does a packet plant: 18-24 foot single row  
**HARVEST:** 3-4 weeks after sowing at 1" in diameter, pull them promptly as they rapidly decline, becoming tough and pithy  
**TIPS:** Needs fertile soil and consistent moisture, amend with compost, well-rotted manure and/or organic fertilizer. For continuous harvest make successive plantings every 7-10 days when the weather is still cool.



**307. LADY SLIPPER (30 DAYS)**  
 GERM 5-7 DAYS  
 This radish is sort of slipper shaped, hence the name. It is a lovely bright pink color that is unusual, quite spicy, and resistant to cracking.  
**300 seeds - \$1.95**



**30801. PINETREE RADISH MIX**  
 GERM 5-7 DAYS  
 This is a mixture of most of the early maturing radishes we sell, plus a few surprises. You will get a wide selection of shapes and colors, plus a somewhat longer span of maturation, all from the same planting. **1000 seeds - \$3.95**



**30708. CRUNCHY KING (F1 HYBRID 23 DAYS)**  
 GERM 5-7 DAYS  
 If you are looking for uniformity and quality in your radish planting this one is the candidate. They produce large scarlet globes that are slow at becoming pithy, displaying great heat tolerance, and mature evenly. **300 seeds - \$3.00**



**30601. WATERMELON (37 DAYS)**  
 GERM 5-7 DAYS  
 Large, white skinned radish with greenish shoulders and bright red interior, looks like a watermelon when sliced. Flavor is mild and sweet. It will grow to the size of a turnip, best eaten when smaller. Prefers a cooler climate, so plant this seed mid-summer for a late fall/early winter harvest. **300 seeds - \$1.95**



**30401. HAILSTONE (25 DAYS)**  
 GERM 5-7 DAYS HEIRLOOM - 1800'S  
 Hailstone is thought of as the fastest maturing of the radishes available. Roots are round and white like a well - hailstone. Both the tops and the taproot are small, allowing for dense planting. 1" globes are tangy, pungent, and crisp.  
**300 seeds - \$1.95**



**W482. DAIKON - MINOWASE (55 DAYS)** GERM 5-7 DAYS HEIRLOOM  
 Mild daikon that tolerates heat well, it is intended for late-spring sowing to grow and harvest through the summer. 8-12" roots can be 1 1/2"-2" in diameter, with nice white flesh. Tends to grow up out of the ground 2"-3" as it matures, developing green shoulders. A popular Japanese variety, it is crisp, juicy and hot. Great for pickling, cooking or eating raw.  
**150 seeds - \$1.95**

## RADISHES



### 30707. RATTAIL (50-55 DAYS)

GERM 5-7 DAYS

Unlike other radishes this one is grown for its seed pod, not its root. Indigenous to southern portions of Asia, the versatile pods are a staple for many gardeners around the world. The zesty radish flavor and snappy texture is adaptable in many recipes. Try experimenting with it. Begin harvesting seed pods at about 2 inches. Keep harvested to extend production throughout the season. **40 seeds - \$2.95**



### 301. CHERRY BELLE (21 DAYS)

GERM 5-7 DAYS HEIRLOOM 1949

Mild with short tops. A classic radish: roots are perfectly round and flavor is mildly pungent. They will be different sizes at maturity, from 1/4" to 1" round. AAS winner. **300 seeds - \$2.25**



### 303. FRENCH BREAKFAST (25 DAYS)

GERM 5-7 DAYS HEIRLOOM 1879

An elongated radish, scarlet on top and white on the bottom. Tender and mild in flavor. Suitable for hot, dry conditions.

**300 seeds - \$2.25**



### 30705G. SORA (22 DAYS)

GERM 5-7 DAYS

Classic, reliable radish for organic growers. High quality round roots have red skin and white flesh. Tolerates heat and resists pithiness better than most radishes. **300 seeds - \$3.25**



### W382. GERMAN GIANT (37 DAYS)

GERM 5-7 DAYS HEIRLOOM

Imported from Germany, this radish retains its high quality from the size of a marble to the size of a cue ball (or larger). Does not get woody or spongy, and rarely splits, handling drought-like conditions well. Scarlet skin and white flesh is crisp and mild at any size. Plants should be thinned to 1" or more for the real "giants."

**150 seeds - \$2.25**



### 308. ROUND BLACK (33 DAYS)

GERM 5-7 DAYS

Heirloom 1824 in US, 1500's in Europe

Fine variation on the black Spanish radish that has been around since the 1500's. Large roots are 4" across with an attractive black skin while the flesh is a pure creamy white. Mildly pungent and can be used for a variety of cooked dishes as well as fresh with beer. Stores well in a root cellar. Grows best when sown in late Summer/ early Fall.

**300 seeds - \$1.95**

## RHUBARB



### 309. GLASKIN'S PERPETUAL (100- 360 DAYS)

GERM 10-21 DAYS BRITISH HEIRLOOM

Provides a fine flavored early crop with cutting possible the first year after sowing. Bright red stems are slender and will provide decades of cutting.

**25 seeds - \$2.25**

**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-75° F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cell/pot.

Transplant out around the last frost date, 24-36" apart, in rows 48-60" apart

**SOWING OUTDOORS:** Around last frost date. Sow 1/2-1" apart, thin to 1-2" apart, soon after the seedlings emerge.

**HOW MUCH DOES A PACKET PLANT:** 20-25 foot single row

Harvest: Starting the second year. Pull the stalks from the base and cut off flowers as they emerge.

**TIPS:** Needs fertile, well-drained soil, amend with compost or well-rotted manure

FOR RHUBARB ROOTS, SEE PAGE 102

## RUTABAGA



### 310. LAURENTIAN (90 DAYS)

GERM 7-14 DAYS HEIRLOOM PRE-1920

Large, mild flavored, and store well. Tops are pale purple with a nice yellow flesh. Each root weighs in at over a pound and the texture is fine.

What could be more perfect in a New England boiled dinner? **100 seeds - \$2.25**



### 31301. HELENOR (100 DAYS)

GERM 7-14 DAYS Uniform, productive yields

of globe-shaped roots with sweet creamy golden flesh and purple tops that crest from the soil. Rutabaga is a cross of a turnip and a wild cabbage, first showing up in the 1600s, known as Swedes in other parts of the world.

**100 seeds - \$2.50**

**GERMINATION TEMPERATURE:** Optimum soil temperatures 65-75° F.

**SEED SOWING DEPTH:** 1/2" deep

**SOWING OUTDOORS:** Mid-spring, around the last frost date or 90 days before you will want to harvest the roots. Sow a few seeds every 6-8", thin to the strongest seedling.

**HOW MUCH DOES A PACKET PLANT:** 12-15 foot row

Harvest: After a few touches of frost, when they become their sweetest and before they get too big and woody.

**TIPS:** Needs fertile, well-drained soil, amend with compost and/or add organic fertilizer. Great storage vegetables, up to 6 months.

## SCORZONERA



### 322G. SCORZONERA - BLACK SALSIFY

(120 DAYS) GERM 14-21 DAYS

(SCORZONERA HISPANICA)

An unusual root vegetable native to the Mediterranean arriving in America in the 1700's. Forms uniform slender straight roots with black skin and an inner white core with a distinct, earthy flavor. Leave roots in the ground (hardy to zone 5) to pull the following year then harvest the greens in the spring along with edible, yellow daisy-like flowers. More fibrous but finer texture than Salsify. Loose, sandy soil is ideal.

**100 seeds - \$1.95**

**GERMINATION TEMPERATURE:** Optimum soil temperatures 60-70° F.

**SEED SOWING DEPTH:** 1/2" deep

**STARTING INDOORS:** Not recommended

**SOWING OUTDOORS:** Early to mid-spring. Sow a few seeds every 1",

thin 2-3" apart to the strongest seedling. Keep soil moist for best germination.

Harvest: Flavor improves after the first frost. Roots can grow a up to a foot, dig out carefully to keep roots intact. Pull out of the ground before a hard frost.

Will keep a few months when stored in cool temperatures.

**TIPS:** Needs deep, loose soil, amend with compost or add organic fertilizer.

Keep well watered for best roots. Keep weeded, does not compete well with weeds



**SESAME (85 DAYS)**  
**GERM 14-21 DAYS (SESAME INDICUM)**  
 An ancient crop dating back thousands of years. Tropical like plants thrive in long, hot summers. Easy to grow. Begins flowering approx. 2 months from seeding with tubular shaped flowers growing in clusters around the stem. Older flowers, located lower on the plant, produce the first seed pods while newer flowers begin to form above. This process continues throughout the growing season with each plant growing 3-4 feet. Multi-stemmed plants produce 1-2 inch pods with approximately 30 on each stem. Allow pods to dry on or off the plant. Ready to harvest when the pods begin to split.

**500 seeds - \$2.95**

**32402. SHIROGOMA (WHITE SEEDED)**

**32403. KINGOMA (YELLOW SEEDED)**



**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-85 F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Do not overwater seedlings, let the soil dry out between waterings. Transplant after last frost, 6-12" apart, in rows 18-24" apart.

**SOWING OUTDOORS:** After the last frost when the soil temperature reaches at least 70 F. Sow 5-6 seeds per foot, thin to 6-12" apart when they are 4" tall.

**HOW MUCH DOES A PACKET PLANT:** 60-80 feet

**HARVEST:** Pods start ripening from the bottom of the plant and begin to split when they are ready to harvest. In a shorter growing season, you can cut the pod-covered stems from the base and dry them indoors on a flat surface. Once the pods have opened collect the seeds by hitting the plants against the side of a container or over a cloth/tarp. Another way is to collect the green pods off the plant and place them in a paper bag until they are dried.

**TIPS:** Needs average, well-drained soil. Keep weeded, does not compete well with weeds



**323. CONSERVOR (F1 HYBRID 110 DAYS)**

**GERM 5-10 DAYS**

Tear drop shaped bulbs have reddish brown skin with a whitish pink interior. Conservor produces large, quality bulbs that are mostly single and store extremely well. **100 seeds - \$3.25**



**324. ZEBRUNE (100 DAYS)**

**GERM 5-10 DAYS HEIRLOOM**

A french variety also known as echalons, banana shallots or Cuisse de poulet which translates to chicken thigh. It has an elongated, tapered shaped bulb, copper skin, and white flesh. **100 seeds - \$2.50**

FOR SHALLOT SETS, SEE PAGE 100



**GERMINATION TEMPERATURE:**

Optimum soil temperatures 50-70° F

**SEED SOWING DEPTH:** 1/2" deep

**STARTING INDOORS:** 3-4 weeks before transplanting out in early to mid-spring. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Sowing into individual biodegradable peat/cow pots reduces root damage when transplanting. Transplant after last frost, 6-12" apart.

**SOWING OUTDOORS:** Start in early spring when the soil temperature reaches 50 F. Sow a few seeds every 1-3", thin to 6-12" for full-sized plants. Sow heavy seeded rows, 30 seeds per foot, every 10-14 days for baby greens using the Pinetree spinach mix. Sow in mid to late summer for fall harvests.

**HOW MUCH DOES A PACKET PLANT:** 6-10 feet

**HARVEST:** Starting with baby greens at 3" or the entire plant before it bolts.

**TIPS:** Needs fertile, well-drained soil, amend with compost and/or add organic fertilizer. Sow in the fall and cover with mulch for an early spring crop.

**33303. PINETREE SPINACH MIX GERM 7-14 DAYS**

A large packet that gives you all the textures, flavors, and maturities of most the spinach varieties we sell. Great for baby greens. **1200 seeds - \$4.25**



**337. GIGANTE DI INVERNO**

**(55 DAYS)**

**GERM 7-14 DAYS / HEIRLOOM**

"Giant of Winter". Broad and pointed wavy leaves grow in a compact upright habit. Grows well when sown in the chilly temperatures of very early spring and also a perfect choice for late summer and fall plantings, due to its extreme cold tolerance. **75 seeds - \$2.25**



**330. BLOOMSDALE (42 DAYS)**

**GERM 7-14 DAYS / HEIRLOOM 1925**

Dark green frilly leaves and excellent flavor characterize this early spring variety. Use for spring and fall plantings. **75 seeds - \$2.25**



**33701. SEASIDE (F1 HYBRID 30 DAYS)**

**GERM 7-14 DAYS**

Resistant to heat induced bolting. Smooth, thick spade-shaped dark green leaves. Seaside is ideal for an early harvest of baby leaves offering a moderate growth rate and a uniform, upright habit. Let some of those baby leaves keep growing for tasty mature leaves. High resistance to downy mildew. **75 seeds - \$1.95**



**33001. GIANT NOBLE (46 DAYS)**

**GERM 7-14 DAYS HEIRLOOM 1926**

Also known as Long Standing Gaudry. According to James Vicks Seeds 1936 catalog, "grows about 10" high. Large deep green leaves, thick and tender, with rounded tips. A good sort for the home garden." AAS winner. **75 seeds - \$1.95**



## SPINACH



### 33304. PALCO (F1 HYBRID 38 DAYS)

GERM 7-14 DAYS

It is very difficult to find spinach adaptable enough to tolerate hot weather but this variety fits the bill. A quick grower with beautiful spoon-shaped leaves that is both bolt resistant and resistant to downy mildew. We found it to be the best growing spinach in our trials this summer. Tasty full-sized or baby. Harvest the baby leaves to encourage more new growth. The last one to bolt in the heat and remained appetizing. Resistance to downy mildew. **75 seeds - \$2.50**



### 33002. VIROFLAY (47 DAYS)

GERM 7-14 DAYS / FRENCH HEIRLOOM 1866

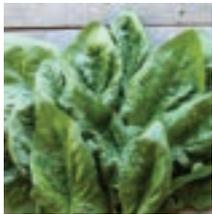
Described in the 1866 Vilmorin catalog as the Monstrueux de Viroflay, it is a very large spinach. Trowel shaped leaves measure 8" x 10" and are only slightly savoyed. Color is dark green and low acid foliage stays tender at any stage of development. **75 seeds - \$1.95**



### 33305G. ACADIA (F1 HYBRID 27 DAYS)

GERM 7-14 DAYS

Adaptable for spring or fall plantings with active regrowth for cut and come again harvests. Deep green semi-savoy leaves overwinter well, slow to bolt in all seasons. High resistance to downy mildew. **75 seeds - \$2.25**



### 332. SPACE (F1 HYBRID 41 DAYS)

GERM 7-14 DAYS

Leaves are spoon-shaped and not at all savoyed for ease of cleaning. Color is a pleasant dark green and flavor is excellent. With a high percentage of female plants, it is very resistant to bolting. In both our trials Space was the highest yielder, primarily due to the long season over which harvest was possible. Resistant to Downy Mildew.

**75 seeds - \$2.25**



### 33201. DASH (F1 HYBRID 39 DAYS)

GERM 7-14 DAYS

This extra early hybrid also is very tolerant of cool weather so it is an ideal choice for both very early and very late plantings. Upright, spade shaped, medium green leaves are both smooth and delicious. **75 seeds - \$1.95**

## NEW ZEALAND SPINACH PLANTING

**GERMINATION TEMPERATURE:** Optimum soil temperatures 65-75° F

**SEED SOWING DEPTH:** 1/2" deep, scarifying or soaking seeds overnight aids germination

**STARTING INDOORS:** 3-4 weeks before the last frost.

Sow 2-3 seeds per cell/pot. Transplant after last frost, 12-24" apart.

**Sowing Outdoors:** After the last frost when the soil temperature reaches 70 F. Sow a few seeds every 12" apart.

**HARVEST:** Cut young leaves and tips, use like spinach

**TIPS:** Needs average, well-drained soil. Amend with compost and/or add organic fertilizer. For the tenderest leaves, do not let the soil dry out. Spreading habit.



### 335. NEW ZEALAND SPINACH (55 DAYS)

GERM 14-21 DAYS / HEIRLOOM

This perennial spinach substitute has been grown since before the Revolution. A staple of the doorway gardens at Sturbridge Village. Seeds are large and slow to germinate, so be patient. Properly known as tetragone, the flavor is quite similar to real spinach. **15 seeds - \$1.95**

## STRAWBERRY SPINACH PLANTING

**OUTDOORS:** early spring, 1/8" deep, sow thinly with soil temperature 55°

**HARVEST:** grows all seasons just clip the new, green shoots as they emerge. Use raw in salads or cook like spinach. Harvest the fruit in late summer when they are dark red.

**TIPS:** Grows best in fertile soil and providing adequate water will provide bigger berries.



### 336G. STRAWBERRY SPINACH (32 DAYS)

GERM 14-21 DAYS HEIRLOOM

This ancient plant was re-discovered growing at old monasteries and is popular in Europe. Triangular shaped, bite-sized, saw-toothed leaves, have a spinach flavor and are great in salads. Let it flower and it produces slightly sweet, minute strawberry-like fruit at every leaf axle that adds a bright, unique decoration to salads. This plant is a real heat lover making it a supreme choice for greens in the middle of the summer season. An early planting from March still produces leaves here in August. **100 seeds - \$2.25**



## SPROUTS & SHOOTS

Our sprouts are the freshest available and come packaged in durable resealable plastic bags to maintain their high germination rate. Try our 4 tier Kitchen Sprouter or sprouting lid for best results. Once sprouted, store in the refrigerator, rinsing daily. All seeds are tested for pathogen, germ and purity.

FOR SPROUTING TOOLS, SEE OUR HARDGOODS SECTION!



### SPIG-3OZ. ALFALFA - ORGANIC - 3 oz. - \$6.95

Many consider this to be the supreme sprout. It is high in nutrients in a delicate flavor & crisp texture. Great as a lettuce replacement on sandwiches. Should be used before the tiny green leaves appear for optimum food value, as this signals the exhaustion of stored food in the seed.



### SP3G-3OZ. MUNG BEANS - ORGANIC - 3 oz. - \$6.95

Familiar large sprouts used in Chinese cooking. Ready to eat when they are 1 1/2-2" long and have a crisp taste similar to raw peas.



### SP5G-3OZ. DAIKON RADISH - ORGANIC - 3 oz. - \$6.95

Can be combined with alfalfa as the sprouting is similar. Adds zest and a bit of a bite to your salad or sprout mixture.



### SP8G-3OZ. BROCCOLI - ORGANIC - 3 oz. - \$8.95

Medical studies report these sprouts will help in the fight against cancer. A delicious sprout, they are rich in vitamins A, B, & C.



### SP27G. SALAD AND SANDWICH MIX ORGANIC - 3 oz. - \$7.95

Radish, alfalfa, broccoli, mung beans, and kale. Adds a kick to a salad or sandwich.

### SHOOTS - SP20. GREEN PEA SHOOTS - 3 oz. - \$2.75

Grow peas shoots and enjoy fresh pea flavor all year long. Sow seeds outside in the spring through summer for a succession of pea shoots or indoors using trays filled with soil. Grow next to a window or under grow lights. Harvest tender young shoots at 3-5".



**GERMINATION TEMPERATURE:**

Optimum soil temperatures 70-85 F

**SEED SOWING DEPTH:** 1/2-1" deep

**SOWING INDOORS:** 3-4 weeks before the last frost. Sow 2-3 seeds per cell/pot. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after last frost, 36-48" apart, in rows 48-60" apart

**SOWING OUTDOORS:** Sow after the last frost when the soil temperature is over 70 F. Sow a few seeds every 36-48", in rows 48-60" apart.

How much does a packet plant: 12-15 foot single row, 3-5 hills  
**HARVEST:** Summer type-Check and harvest a few times a week. Cut or kindly twist off fruit, starting at a 3-4". Winter type-BXefore heavy frost. To determine ripeness- the skin turns color and becomes dull and you will be unable to make a dent when pressing your thumbnail into the skin. Leave two inches of the stem on, manage carefully so there is no damage, which can shorten storage life. Cure for 7-10 days in the sun to harden the rind to increase storage quality. Wipe any debris off the skin before storing it in a cool dark place with 50-55 F temperatures and 50-65% humidity.

**TIPS:** Needs fertile, well-drained soil, amend with compost, well-rotted manure, and/or add organic fertilizer. Keep well watered for optimum growth, mulching will help retain moisture. Use black plastic mulch and row covers for weed, insect control, and faster growth.



**34602G. Y-STAR NEW!**  
(F1 HYBRID 50 DAYS)

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 Scalloped fruits have a glossy golden exterior complemented by a lime green star on the blossom end. Y-Star produces quickly and abundantly over an extended period with an open plant habit that makes for a quick and easy harvest. Best eaten when squashes are still fairly small, up to 3-4" across when its mild, nutty flavor stands out; great for raw snacking, sauteeing, or grilling.  
**10 seeds - \$4.95**



**34501. BENNING'S GREEN TINT (63 DAYS)**  
**GERM 7-10 DAYS / HEIRLOOM 1914 (CUCURBITA PEPO)**

Developed by Charles N. Farr. The squash are creamy in color but with a distinctive green tint. This is a very heavy yielder. The pale green flesh is delicious, especially when picked small.  
**20 seeds - \$2.25**



**346. SUNBURST(F1 HYBRID 50 DAYS)**  
**GERM 7-10 DAYS**

Brilliant yellow color, crunchy texture, buttery flavor, and high productivity are all first rate. Designated as an AAS winner in 1985, Plant has a compact, open habit bush. For optimum tenderness and flavor, we recommend picking the squash young, when it is 2-3" in diameter. Resistant to Downy Mildew. **20 seeds - \$3.25**

**ZUCCHINI**



**34505G. GREEN MACHINE**  
(F1 HYBRID 45 DAYS)

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 The most disease resistant zucchini we offer. All of the gears in this machine are smooth-running with productive, healthy plants all season long. Growers will enjoy harvest friendly plants with reduced stem spines. Intermediate resistance to cucumber mosaic virus, powdery mildew, watermelon mosaic virus, and zucchini yellow mosaic virus. **10 seeds - \$4.75**



**34001. CASERTA (58 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 In 1949, Caserta won the All-America selection winner as an exceptional Zucchini; it remains so. The bush plant produces 16" zucchini that are quite thin. Fruits are bulbous at the end and narrow at the neck, a light green color alternating with forest green bands. Best harvested young. **20 seeds - \$2.25**

**ZUCCHINI**



**34002. BLACK BEAUTY (55 DAYS)**

**GERM 7-10 DAYS / HEIRLOOM (CUCURBITA PEPO)**  
 An old heirloom zucchini from the 1920's. The classic, black-green fruit is very productive with a firm flavorful interior. Very tasty raw, picked right from the plant. Harvest under 6-8" for the best quality or pick extremely young for gourmet baby zucchini. AAS winner.  
**20 seeds - \$2.25**



**34402. GENOVESE (55 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 A fine and beautiful Italian zucchini that has colored green skin overlaid with a lacy cream colored pattern. Pick young, at 5-7" for the finest flavor.  
**20 seeds - \$2.25**



**34901. CASHFLOW**  
(F1 HYBRID 47 DAYS)

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 The name says it all - for eastern growers this zucchini is money in the bank. High yields of middling green, cylindrical fruits display a few yellowish flecks. The eight inch squash are delicious. Plants are upright and open for ease of harvest. So why not take the advice of market growers on this one and get bushels of zucchini from a few hills? Resistant to Zucchini and Yellow Mosaic Virus. **20 seeds - \$4.25**



**34102. FORDHOOK (57 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 Smooth, cylindrical, deep green almost black zucchini with flavorful ivory flesh. Generous crops are produced from the bushy plants. Harvest at 5-8" for the most tender crop. AAS winner. **20 seeds - \$2.25**



**348. GREYZINNI (F1 HYBRID 47 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
 Color is a light green with grayish mottling and faint stripes. The earliest and highest yielding zucchini extant, bar none. We're not sure if that is a virtue or not, but if you think it is, this may be the choice for you. Better line up friends, neighbors, strangers, etc. to take the surplus off your hands. AAS winner. **20 seeds - \$2.75**

**351. SUMMER SQUASH MIX GERM 7-10 DAYS**

A blend of our open-pollinated varieties. They will cross with one another so if you save seeds you could get some interesting surprises next season.  
**100 seeds - \$3.95**



**W287. STRIATA D'ITALIA (50 DAYS)**

**GERM 7-10 DAYS / ITALIAN HEIRLOOM (CUCURBITA PEPO)**  
 A true beauty to behold. Appreciated for its earliness, this tasty zucchini is cylindrical with a slight taper. Thin skin has mottled light and dark green stripes, and fruit has excellent flavor & texture. Plants are bushy but open, which allows ease in harvest. **20 seeds - \$2.25**



**W28901. COCOZELLE (58 DAYS)**

**GERM 7-10 DAYS / ITALIAN HEIRLOOM (CUCURBITA PEPO)**  
 Bush type heirloom zucchini decorated with dark and light green stripes. Tender, flavorful, and firm greenish white flesh is best picked under 12". In Italy, it is eaten when only 1-2" long. Great for the small garden or container planting and also good for freezing and canning.  
**20 seeds - \$2.50**



**345. BLACK (50 DAYS) GERM 7-10 DAYS**

**HEIRLOOM 1931 (CUCURBITA PEPO)**  
 Yields aren't as large as with the hybrids, but still provide plenty of squash for the average family. Flavor is unsurpassed. Originally listed by the Jerome B. Rice Seed Company in 1932.  
**20 seeds - \$2.50**

## YELLOW ZUCCHINI

**34507. GOLDEN GLORY (F1 HYBRID 50 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
Bright, flashy yellow zucchini with excellent production while under pressure from disease and bugs. The flesh is meaty, not watery and is tasty marinated and grilled. Harvest fruits at 7-8". Intermediate resistance to powdery mildew, watermelon mosaic virus, and zucchini yellow mosaic virus. **10 seeds - \$3.25**

**34508. CHIFFON (F1 HYBRID 50 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
Durable, compact plants yield creamy butter-yellow zucchini. Chiffon has thin skin and slow to form seeds, making for tasty zucchini even when they are picked at a larger size. Strong plants have good resistance to powdery mildew. **10 seeds - \$2.95**

## ROUND ZUCCHINI

**34502. RONDE DE NICE (50 DAYS)**

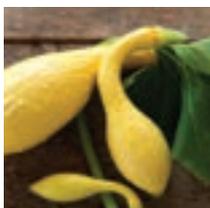
**GERM 7-10 DAYS / FRENCH HEIRLOOM 1800'S (CUCURBITA PEPO)**

This is a bit different from both the zucchinis and the scallop types. The delicious fruits are spherical and light green. They are great harvested young and when they get to about 4" in size they are fine for stuffing. Compact plants grow vigorously and produce heavy yields. **20 seeds - \$2.25**

**34401. EIGHT BALL (F1 HYBRID 35 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
Small baseball-size fruit that is just right for one serving. Stuff with your favorite filling and serve as an appetizer or main dish, or use as you would other zucchini in your best recipes. Pick when 3" in diameter, before the seeds have started to form. Bushy plants produce dozens of squash. AAS winner. **20 seeds - \$3.25**

## CROOKNECK

**342. YELLOW CROOKNECK (55-60 DAYS)**

**GERM 7-10 DAYS / HEIRLOOM 1700S (CUCURBITA PEPO)**  
This Native American summer squash is a very prolific heirloom with a buttery flavor and light yellow skin. Should be picked at 4-5" for the best taste. If you were to leave the squash on the plant until maturity they get large and have ornamental warted rinds ideal for fall decoration. **20 seeds - \$2.50**

**354. EARLY PROLIFIC STRAIGHTNECK (45 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
Abundant fruits with sunny yellow skin having a straight tapered shape that is best harvested at 7-8". An AAS winner in 1938, became a standard in many home garden since then. AAS winner. **20 seeds - \$2.50**

**34202. ZEPHYR (F1 HYBRID 54 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
Two tone, slender fruits are light yellow with faint white stripes and have a distinctive pale green blossom end, which can vary in hue and size. A one of a kind hybrid squash with crookneck, delicata and acorn squash in its family genes. Harvest at 4-6" for a delicate, nutty flavor. **20 seeds - \$3.00**

## CROOKNECK

**34203G. TEMPEST (F1 HYBRID 54 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
A crookneck bred for its savory taste and superior texture. Tempest has a bright yellow exterior with gentle ridges and subtle white stripes which run the length of the 4-7" fruits. Its flesh has a higher starch content, making it less watery than other varieties, which translates to a pleasantly firm, drier texture with a light nutty flavor. Bushy, open-habit plants have soft spines for easy harvest. **10 seeds - \$4.25**

## SPECIALTY SQUASH

**34504. LEMON (55 DAYS)**

**GERM 7-10 DAYS (CUCURBITA PEPO)**  
Shaped, colored, and sized like a lemon. Undaunted by extreme weather and most pests, this vigorous plant produces huge yields of sweet and tender squash with minimal care. Perfect for the weekend gardener. **20 seeds - \$2.25**

**W288. ZUCCHETTA RAMPICATE TROMBONCINO (60 DAYS)**

**GERM 7-10 DAYS / ITALIAN HEIRLOOM (CUCURBITA MOSCHATA)**  
Grows like squash and needs room for 15' runners. Light yellow-green fruit, slender with a bulbous end and should be harvested at about 10". Leaving on the vine can produce variously twisted squash specimens 3' long and 6" wide and can be used like a winter squash. Firm, mild and delicious. Can be grown up a very strong trellis. Tolerates squash vine borer. **20 seeds - \$2.50**

**W684. LEBANESE WHITE BUSH (50 DAYS)**

**GERM 7-10 DAYS / HEIRLOOM (CUCURBITA PEPO)**  
This Cousa type squash offers creamy greenish colored skin and white flesh with a delicious nutty flavor. Large yields picked at 4-8" can be harvested over a prolonged period. **20 seeds - \$2.25**

**352. TATUME (50 DAYS)**

**GERM 7-10 DAYS / MEXICAN HEIRLOOM (CUCURBITA PEPO)**  
A rare summer squash variety that vines profusely, lasting all season long. Has firm, sweet, white flesh with more flavor than your average yellow squash. Best to grow this on a fence or trellis as the vigorous vine can grow 10-12". Known to be more heat and pest tolerant than most other squash. **20 seeds - \$2.25**

## WINTER SQUASH

**385. WINTER SQUASH BLEND (90-120 DAYS)**

**GERM 7-10 DAYS**  
A blend including acorn, Hubbard, delicata, butternut, buttercup and spaghetti squash varieties. **100 seeds - \$3.95**



## ACORN



**362. TABLE PRINCESS**  
(F1 HYBRID 75 DAYS)  
GERM 7-10 DAYS (*CUCURBITA PEPO*)  
Good size, earliness, a compact growth habit, excellent flavor with an almost fiber free flesh, and good storage ability characterize this hybrid acorn type. Fruit is somewhat rounder and heavier than other acorns. Can be grown in just 9 square feet.  
15 seeds - \$2.50



**363. CARNIVAL (F1 HYBRID 85 DAYS)**  
GERM 7-10 DAYS (*CUCURBITA PEPO*)  
Colorful! Skin is flecked with shades of green, gold, yellow, and cream. Fruit is so attractive that it is usually used in decorations but has excellent flavor that only improves with storage, so display it a while and then eat it. Semi-bush plants provide heavy yields.  
15 seeds - \$3.25

## BUTTERNUT



**37305. AUTUMN FROST**  
(F1 HYBRID 100-105 DAYS)  
GERM 7-10 DAYS (*CUCURBITA MOSCHATA*)  
Unique, round and stinky, deeply ribbed butternut type squash. Ripens to dark tan skin with a frosty overlay. This eye-catching squash has a rich butternut flavor and stores well up to 4 months. Fruits grow to 5-7" high by 5-6" wide. High resistance to Powdery Mildew.  
10 seeds - \$3.25



**370. POLARIS (F1 HYBRID 100 DAYS)**  
GERM 7-10 DAYS (*CUCURBITA MOSCHATA*)  
There is nothing like opening up the bright orange interior a butternut squash in the cold of winter, bringing back memories of the summer. Traditional butternut squash with medium sized, 4-5 lb. fruits. Vigorous plants produce at least 4-5 uniform fruits per plant. 15 seeds - \$2.95



**372. WALTHAM BUTTERNUT (90 DAYS)**  
GERM 7-10 DAYS (*CUCURBITA MOSCHATA*)  
Relative newcomer amongst winter squash, Butternut was introduced in 1944, although the breeding material, Winter Crookneck, dates back to the 19th century. Vines run 6-7' in length and yields of 2-3lb squash are good, but quite late. AAS winner  
15 seeds - \$2.50



**374. BUTTERSCOTCH (F1 HYBRID 100 DAYS)**  
GERM 7-10 DAYS  
(*CUCURBITA MOSCHATA*)  
Abundantly sweet flavored mini personal sized, 1-2 lb fruits are 6" by 3" and grow on compact space saving vines; producing 3-4 per plant. Resists powdery mildew. 2015 AAS winner. Bred by our neighbors, Johnny's Selected Seeds.  
15 seeds - \$3.75



**37403. BUTTERBABY**  
(F1 HYBRID 100 DAYS)  
GERM 7-10 DAYS (*CUCURBITA MOSCHATA*)  
A mini butternut squash that is ideal for small spaces. Presenting the classic shape, color, and texture, these personal-sized, 4-6" fruits weigh 1-2 lbs and grow from compact-sized vines; need to save even more space, grow up a trellis. Intermediate resistance to powdery mildew. 10 seeds - \$4.75

## BUTTERCUP



**381. SWEET MEAT (100 DAYS)**  
GERM 7-10 DAYS / HEIRLOOM  
(*CUCURBITA MAXIMA*)  
Apparently this variety is much favored on the West Coast and we can see why. The flesh is very dry, but with a nutty, sweet flavor. The skin is very hard and the color is an attractive bluish grey. Sweet Meat is an excellent keeper. Does very well in dry conditions, freezes well without blanching, and is a good pumpkin substitute.  
15 seeds - \$2.25



**38102. SWEET MAMA**  
(F1 HYBRID 85 DAYS)  
GERM 7-10 DAYS (*CUCURBITA PEPO*)  
This improved buttercup type bears fruit on semi-bush vines. Squash are dark green with yellow flesh that is sweet and dry. An excellent storage variety, AAS winner and resistant to Fusarium wilt. 15 seeds - \$3.25



**380. BURGESS BUTTERCUP**  
(100 DAYS)  
GERM 7-10 DAYS / HEIRLOOM 1932  
(*CUCURBITA MAXIMA*)  
Dark green in color with a pumpkin orange flesh. The fruits are rounded with a buttoned turban at the blossom end, and are 3-5 lbs. on a long vine. Flavor is sweet and memorable.  
15 seeds - \$2.25



**37905. GOLD NUGGET (95 DAYS)**  
GERM 7-10 DAYS (*CUCURBITA MAXIMA*)  
Gold Nugget is a small buttercup type which won the All-America selection award in 1966. Fruit is 1-3lbs and shape is a flattened oval, with flesh and skin a light orange. Keeps well.  
15 seeds - \$2.25

## DELICATA/DUMPLING



**379. DELICATA (97 DAYS)**  
GERM 7-10 DAYS / HEIRLOOM 1894  
(*CUCURBITA PEPO*)  
A favorite of many Pinetree employees, Delicata is a good choice for the home gardener. The vines are relatively compact. Fruits average about 8" in length, are half as wide, so they are a good size for a meal. Color is a creamy green with length-wise darker green stripes. Flesh is an attractive orange and flavor is very sweet. As a bonus, Delicata is also a very good keeper for a small squash and the flavor even seems to improve as the winter passes. 15 seeds - \$2.50

**82706. BUSH DELICATA (80 DAYS)** GERM 7-10 DAYS  
(*CUCURBITA PEPO*)  
A sought-after AAS winner for over 20 years, Delicata is one of our most popular winter squash, and this one was bred for growing in containers. Compact plants will produce plenty of fruit in a large container or small space. Tolerant to powdery mildew. 15 seeds - \$2.50



**37901. SWEET DUMPLING (100 DAYS)**  
GERM 7-10 DAYS (*CUCURBITA PEPO*)  
The sweet, dry, nutty flavor of this open-pollinated squash is superb. Has a very interesting deeply-lobed and ribbed shape, reminiscent of its gourd ancestors. Though it's difficult to peel or cube, it's excellent baked or stuffed (microwave is easy—cut in half, cook 8-12 min., no water, turn after half time). Vigorous, mid-sized vines bear abundant 4" diameter fruits which store well for 3-4 months. Creamy white skin is mottled and striped with dark green and is very attractive to serve.  
15 seeds - \$2.25

## HUBBARD

**384G. BLUE HUBBARD (102 DAYS)**GERM 7-10 DAYS (*CUCURBITA MAXIMA*)

This New England favorite is not for those with limited space. Long vines produce good yields of powdery blue, oval squash with a hard shell and firm, dry, yellow flesh, some an excess of 20lbs. Storage qualities are exceptional, and one squash will provide a number of meals.

15 seeds - \$2.75

**37904G. RED KURI (97 DAYS)**

GERM 7-10 DAYS

Also known as Orange Hokkaido. Fruits are small, 4-7 pounds and shaped like an upside-down heart. Color is a bright orangish-red so it also has decorative uses. Delightfully smooth flesh is just delicious.

15 seeds - \$3.25



## KABOCHA/JAPANESE

**W492. TETSUKABUTO (F1 HYBRID 90 DAYS)**

GERM 7-10 DAYS

(*CUCURBITA MAXIMA* X *MOSCHATA*)

Very popular in Japan, this unique winter squash is an interesting hybrid. The nearly round, dark green fruit has a deep yellow flesh that is so sweet and nutty and smooth and creamy, it's like custard. Requires a pollinator, so plant hubbard, buttercup, or butternut variety nearby. Tolerant to powdery mildew and vine borers.

15 seeds - \$3.95

## SPAGHETTI

**38202. TIVOLI (F1 HYBRID 95 DAYS)**GERM 7-10 DAYS (*CUCURBITA PEPO*)

An improvement upon the older, long vining spaghetti squash varieties. Released in 1990 as the first compact bush spaghetti squash, this AAS winner continues to be a successful garden variety over 25 years later. Oval shaped fruits have a smooth, light creamy yellow exterior, weighing in at 4-5 lbs and producing 4-6 per plant.

15 seeds - \$2.75

**382. VEGETABLE (100 DAYS)**GERM 7-10 DAYS / HEIRLOOM 1890 (*CUCURBITA PEPO*)

Very heavy yielder; we have harvested as much as 80lbs from a single hill. Vines grow up to 10' and fruit are oblate and a buff color, each weighing a couple of pounds. After boiling, fork out the flesh and it will resemble spaghetti and taste great with any sauce but with far fewer calories.

15 seeds - \$2.25

**38201. VERMICELLI (F1 HYBRID 90 DAYS)**GERM 7-10 DAYS (*CUCURBITA PEPO*)

In the beginning, it was all just pasta. But we curious bi-peds decided we needed more variety - linguini, fettucini, orzo, perciatello, and yes vermicelli. This is pretty much the same - an improved spaghetti - it is earlier, grows more densely in less space, and is a more dependable provider of uniform fruit. This is a positive addition to your diet with great flavor. Spaghetti Squash also provides the can - when the skin becomes hardened the fruit will keep for up to 6 months.

15 seeds - \$2.50

## OTHER WINTER SQUASH

**W260. PIENA DI NAPOLI (125 DAYS)**GERM 7-10 DAYS (*CUCURBITA MOSCHATA*)

Old and interesting Italian vegetable is the shape of a butternut squash but larger, up to 25lbs. Similar to the American Neck Pumpkin in that it is big and very sweet. Grey/greenish smooth skin encloses a very hard yellow orange flesh. Great stuffed, sliced, fried, roasted and sautéed. Used in slightly sweet pasta, gnocchi, and the delectable zucca da marmoletta - pumpkin jam.

15 seeds - \$2.25

**38104. JARRAHDALE (100 DAYS)**GERM 7-10 days (*Cucurbita maxima*)

This Australian variety is very unusual. Skin is an attractive ribbed blue-gray. 10lb fruit can be 34" around and flesh is orange and sweet. Stores well.

15 seeds - \$2.25

**38101. PINK BANANA JUMBO (105 DAYS)**GERM 7-10 DAYS (*CUCURBITA MAXIMA*)

Picture a 2-3' long pink banana. This elongated squash is 6-8" in diameter with a small seed cavity. The medium-dry flesh is medium orange and the flavor is exceptionally sweet. Borne on long vines so not for space savers.

15 seeds - \$2.25

**37903. GREEN STRIPED CUSHAW (105 DAYS)**

GERM 7-10 DAYS / HEIRLOOM 1820'S

(*CUCURBITA MIXTA*) The cushaw is a crookneck winter squash and will run up to 20" long, weighing up to 12 lbs. Skin is creamy white with mottled green stripes. Slightly grainy texture of the flesh is sweet with a distinctive cushaw flavor. Great for pies. Tolerates squash vine borer.

15 seeds - \$2.25

**38001. GALEUX D' EYSINES**

(100 DAYS) GERM 7-10 DAYS

FRENCH HEIRLOOM (*CUCURBITA MAXIMA*)

A unique, thought provoking squash that fits perfectly into the fall holiday season. Flattened fruit grow 10-15lbs, and ripen up with a peachy skin covered with eruptions of crispy beige colored warts. Has brilliant orange, sweet and smooth, non-stringy flesh.

15 seeds - \$2.25

**38002. QUEENSLAND BLUE (105 DAYS)**

GERM 7-10 DAYS

HEIRLOOM (*CUCURBITA MAXIMA*)

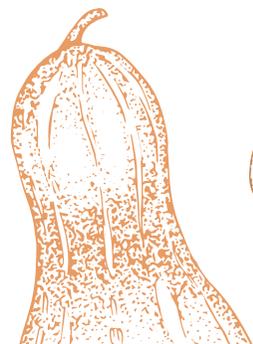
This excellent, 20lb, round, flattened squash was imported initially from Australia in 1932. It is characterized by deeply ribbed blue skin. The dense, semi-sweet orange flesh is very flavorful. A dependable keeper.

15 seeds - \$2.25

**174. TURK'S TURBAN (100 DAYS)**GERM 10-21 DAYS (*CUCURBITA MAXIMA*)

A very colorful globe, about 6 pounds. Bright orange with green and cream striping on the cap. Shaped like a small butter-cup squash.

25 seeds - \$2.50



**GERMINATION TEMPERATURE:** Optimum soil temperatures 65-75° F.  
**SEED SOWING DEPTH:** On the surface, needs light to germinate  
**STARTING INDOORS:** 10-12 weeks before the last frost. Cold treat seed by sowing into moist soil or a paper towel, cover in a clear plastic bag and place in the refrigerator for 2-3 weeks. After cold treatment, provide 65-75 F soil temperatures until germination. Transplant after last frost, when plants have at least 3 sets of leaves, 12" apart.  
**SOWING OUTDOORS:** Not recommended  
**TIPS:** Plant in well-drained, sandy loam to fertile soil amended with compost. Mulch with straw to keep weeds down. To encourage strong seedling root growth pull off flowers for a month or two after transplanting.



**38601. ALEXANDRIA** 

**GERM 14-30 DAYS**  
 Alpine strawberries are a treat when you are working away in the garden and their flavor is so much more delectable than standard strawberries. This variety doesn't take up much space with compact sized plants that produce few runners. We have ours growing as a border in the herb garden or tuck a few plants into the corners and edges of the vegetable or flower garden. They will grow successfully in containers if ground space is hard to find. Day Neutral. Zones 5-8.  
**20 seeds - \$1.95**



**38801. RAINBOW TREASURE**

**GERM 14-30 DAYS**  
 Introducing the hottest new strawberry that is available from seed. Rainbow Treasure will delight you with its edible and ornamental qualities! Berries are amazing, juicy, fragrant, and sweet, one of the finest we have tasted-plus the flowers arrive in 3 different colors. It acts as a creeping ground cover, throwing out lots of runners during the first season while the white, pink and deep rose flowers take the show. If you don't have the ground space, it is does excellent in hanging baskets and containers. We started ours inside in February, planted it out in mid June, and had juicy berries by early August. Zones 4-8. **15 seeds - \$5.95**

**387. YELLOW** 

**GERM 14-30 DAYS**  
 This yellow version provides berries that are even sweeter than the reds. Another plus is that for some reason, birds don't touch them. Plants are less than a foot tall and very hardy providing an attractive, edible border. Fruits are a creamy yellow and some approach 1" in length. Zones 3-9. **50 seeds - \$1.95**

FOR STRAWBERRY PLANTS, SEE PAGE 102



**GERMINATION TEMPERATURE:** Optimum soil temperatures 70-85 F.  
**SEED SOWING DEPTH:** 1/2" deep  
**STARTING INDOORS:** 4-6 weeks before the last frost. Sow 2-3 seeds per cell/pot. Thin to the strongest seedling. Fertilize the seedlings every 7-10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Start transplanting a week or two before the last frost. Space 10-18" apart.  
**SOWING OUTDOORS:** Mid-spring into early summer. Starting when the soil temperature reaches 55 F. Germination is slower in cooler soil temperatures. Sow 3-4 seeds every 10-18" apart. Thin to the strongest seedling per space. Sow 40-50 days before the first fall frost for late summer/fall harvest.  
**HOW MUCH DOES A PACKET PLANT:** 10-15 foot single row  
**HARVEST:** Remove outer leaves starting at 4-6" for baby salad greens. Use the mature leaves and center ribs cooked or raw.  
**TIPS:** Needs fertile, well-drained soil. Tolerates both cold and hot temperatures, can grow from spring until frost.



**95. FORDHOOK (58 DAYS)**

**GERM 5-10 DAYS**  
 This old favorite is still a superior variety in several ways; thick leaves, dark green color and a compact plant with a nice white stalk.  
**75 seeds - \$1.95**



**94. BRIGHT LIGHTS (50 DAYS)**

**GERM 5-10 DAYS**  
 Almost neon in appearance, it was the talk of our trial gardens. Leaves are green, moderately savoyed with veins of vibrant color, red, orange, or yellow running through them. Use young raw leaves in a salad (30 days) or briefly cook mature leaves (50 days) to maintain their color. If started indoors 5-6 weeks before setting out they can be planted by color for effect in an ornamental edible garden. Developed by Johnny's Selected Seeds. AAS winner. **75 seeds - \$2.50**



**9305G. RAINBOW BLEND (55 DAYS)**

**GERM 5-10 DAYS**  
 A brilliant blend of colors decorative enough to grow in a flower garden. Yellow, red, orange, white and pink stems have dark green savoy leaves. Use all season; the baby greens can be added to salad mixes while the large leaves can be filled with veggies and grains and used as a carb free wrap. When cooked the colors hold and brighten your dishes.  
**75 seeds - \$3.25**



**W319. CARDINAL CHARD (54 DAYS)**

**GERM 5-10 DAYS**  
 An improved rhubarb chard, developed in Switzerland. Stems are a deep ruby red, and plants are large and productive. It has a darker color on larger plants compared to Rhubarb Chard. Its narrower, savoyed leaves have a mild, slightly sweet flavor that is as nice raw as it is cooked. **75 seeds - \$1.95**



**9301. PEPPERMINT (60 DAYS)**

**GERM 5-10 DAYS**  
 Strikingly vivid striped stems offers a unique color combination for a Swiss Chard. Stalks have vertical fuchsia and white stripes with thick dark green savoy leaves. Harvest from baby sized to full grown. Try growing it as an edible ornamental in a flower garden too!  
**75 seeds - \$1.95**



**98. SEA FOAM (53 DAYS)**

**GERM 5-10 DAYS**  
 This interesting chard doesn't come in a unique color; it just has a great flavor and texture. Shiny, crinkled green leaves cling to a creamy white stem. This variety is mild, tender, and tasty. **75 seeds - \$1.95**

FOR SWEET POTATO PLANTS, SEE PAGE 101

# Tomatoes

**GERMINATION TEMPERATURE:** Optimum soil temperatures 70–85° F.

**SEED SOWING DEPTH:** 1/4" deep

**STARTING INDOORS:** 6–8 weeks before the last frost. Sow 2–3 seeds per cell/pot, thin to the strongest seedling, or use the 20 Row seedling flat, transplanting into individual pots when seedlings get their 3rd set of leaves. Fertilize the seedlings every 7–10 days with a liquid or water-soluble fertilizer, diluted to of the suggested measurement. Transplant out after the last frost. Space 24–36" apart, in rows 48–60" apart

**SOWING OUTDOORS:** Not recommended

**HOW MUCH DOES A PACKET PLANT:** Varies on seed packet count, 8– 50 feet

**HARVEST:** When fruit is red (or the color of the variety grown) and firm.

**TIPS:** Needs fertile well-drained soil, amend with compost and/or add organic fertilizer. Keep well watered for optimum growth. Mulching retains moisture and helps with disease. Planting seedlings deeper than they were growing in their pots helps make a stronger roots system. Do not apply excessive nitrogen, which can promote excessive foliage and poor fruit set.

## TOMATO DISEASE RESISTANCE KEY:

<b>V</b>	<b>EB</b>	<b>FI</b>	<b>N</b>	<b>T</b>	<b>LB</b>	<b>FI&amp;2</b>
VERTICILLIUM	ALTERNARIA (EARLY BLIGHT)	FUSARIUM RACE 1	ROOT KNOT NEMATODE	TOBACCO MOSAIC	LATE BLIGHT	FUSARIUM RACES 1 & 2

### DISEASE RESISTANT



**40311. APPLE YELLOW NEWI**  
(F1 HYBRID 62 DAYS)

GERM 7–14 DAYS / INDETERMINATE

A recent AAS winner with sunny yellow fruits resembling miniature apples that outshone all the other tomato trials this season, it was one of the most challenging summers to grow in, cool and rainy, the worst tomato year we have encountered here at Pinetree. The amount of fruits that grow on these vines is impressive, producing enormous quantities of clusters with 12–16 fruits each. They have a sweet, fruity flavor balanced with acidity and meaty texture. We can see why disease resistance, weather adaptability, and great-tasting fruits of this variety gave it the All-American Selections award. **10 seeds - \$5.95**

**NEW!**

**T LB FI&2**



**40304G. VALENTINE (F1 HYBRID 55 DAYS)**

GERM 7–10 DAYS / INDETERMINATE

Tremendous yields of early maturing fire red colored grape-type tomatoes. An AAS winner that is rich and flavorful, firm in texture with meaty Roma-like flesh. Crack-resistant fruits are about the size of an extra-large grape, 1 1/2" long by 3/4" wide, weigh 1/2 oz each, and have an extended shelf life after harvest. Intermediate resistance to early blight. **10 seeds - \$4.95**

**EB**



**392. POLBIG (F1 HYBRID 60–65 DAYS)**

GERM 7–14 DAYS / DETERMINATE

For decades we have been looking for an early tomato that sets fruit in cool weather and tastes good. Polbig may be the one. Compact plants produce round smooth fruit that have excellent dark red color inside and out. Small but hardly tiny, Polbig tomatoes run between 3 1/2–6 oz. Flavor is similar to good midseason tomatoes, sweet and just a bit acidic. **15 seeds - \$2.95**

**V FI&2**



**40101G. CHERRY BOMB**  
(F1 HYBRID 64 DAYS)

GERM 7–14 DAYS / INDETERMINATE

Classically full flavored, sweet but balanced, cherry tomatoes with late blight protection. Produced high yields of uniform fruits, that were a easy to harvest, and extremely vigorous; still growing strong at the end of September and would keep going if it weren't for the frost. A hybrid with quality flavor, and a solid tomato to grow for a successful crop. Bred by our neighbors Johnny Selected Seeds. **10 seeds - \$6.25**

**LB**



**40201G. DAMSEL**  
(F1 HYBRID 73 DAYS)

GERM 7–14 DAYS / INDETERMINATE

Heirloom quality hybrid with high resistance to late blight, nematodes, and Verticillium wilt. Indeterminate vines produce pink globe shaped fruits that weigh 8–12oz. Harvested fruits hold well. **10 seeds - \$6.95**

**V N LB**



**406. SUN GOLD**  
(F1 HYBRID 60 DAYS)

GERM 7–14 DAYS / INDETERMINATE

Great "tomatoey" flavor and very sweet, an 8 on the brix scale. Fruits are nearly 1" round globes which turn a very attractive golden orange when ripe. Productive vines provide very high yields. A longtime customer favorite! High resistance to fusarium wilt and tobacco mosaic virus. **10 seeds - \$4.25**

**T FI&2**



**40102. PLUM REGAL**  
(F1 HYBRID 75 DAYS)

GERM 7–14 DAYS / DETERMINATE

First offering of a plum tomato with a strong disease resistance package. Blocky fruits grow on medium sized plants. Perfect for a bounty of late season tomatoes for that last batch of canning sauce or salsa. **10 seeds - \$3.95**

**LB V FI&2**



DISEASE RESISTANT



LB EB

**40110. JULIET (F1 HYBRID 60 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Plants continue to look healthy through September with intermediate resistance to both early and late blight. Grape-like clusters of up to a dozen, mini plum type fruits with the ability to stay on the vine longer than most. Wonderful for eating fresh, making sauces, canning or drying. AAS winner.  
15 seeds - \$3.25

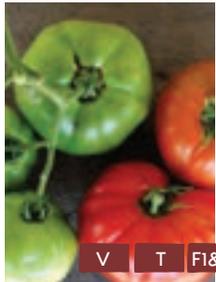


V EB F1&2



**40310G. VERONA (F1 HYBRID 67 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
An exciting improvement on the Juliet tomato, producing markedly tastier, more plump fruits on moderately vigorous vines. "Cocktail plum" fruits have deep red skin and weigh about 2 oz on average. This hybrid has high resistance to Fusarium and Verticillium wilt, and intermediate resistance to early blight. 5 seeds - \$4.95



V T F1&2

**39901. COUNTRY TASTE (F1 HYBRID 70 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Real tomato flavor from this large meaty, delicious fresh eating and slicing tomato. It can weigh up to 1/2 pound or more and does extremely well in a greenhouse. When we grew this variety we were very impressed with its vigorous growth and fruit set. It outperformed many of our other trial varieties, blight barely touch it by mid September when others tomatoes already had succumbed to it. 10 seeds - \$5.25



N V T F1&2

**39101. GRANDEUR (F1 HYBRID 75 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
An early red oblate shaped cluster tomato with 5-7 fruits per bunch and 6-9 oz firm, meaty tomatoes. A vigorous grower, long yielding, with large leaves that help with the resistance to cracking. 15 seeds - \$2.50



LB EB

**40203. STELLAR (F1 HYBRID 70-75 DAYS)**

GERM 7-14 DAYS / DETERMINATE  
Productive slicing and processing tomato for areas with disease pressure. Round, medium-sized 5-7 ounce fruits have great tomato flavor, especially for a disease resistance variety. High resistance to late blight plus intermediate resistance to early blight and Septoria Leaf Spot. A tomato you can count on! 10 seeds - \$4.75

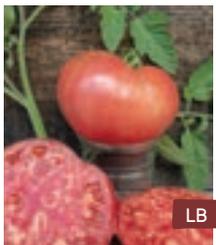


LB



**401G. DEFIANT (F1 HYBRID 70 DAYS)**

GERM 7-14 DAYS / DETERMINATE  
Traditionally bred for resistance to late blight. Our plants were loaded with clusters of round 6-8 oz fruits, around 30 fruits from one plant, this season. One of the first to ripen in our tomato trials, having a good, basic fresh tomato flavor.  
10 seeds - \$7.95



LB

**40308. BLUSHINGSTAR (F1 HYBRID 70-75 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
A tomato that stands out from other hybrid beefsteak varieties. Large, 2" by 4" pink fruits are perfect for eating fresh or preserving. It bears a balanced rich, savory and sweet flavor reminiscent of heirloom tomatoes while being fortified with traits of modern hybrid tomatoes: higher yields of early-maturing fruits with fewer blemishes, disease resistance to late blight, and septoria leaf spot.  
10 seeds - \$5.25



N F1 T

**40306. SUN DIPPER (F1 HYBRID 65 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Here's the unconventional snacking tomato you never knew you needed. While traditional cherry tomatoes taste great on veggie platters and in dips, there's often the awkward experience of dropping your tomato into the dip or getting dip on your fingers. The 2-3" elongated hourglass shape of Sun Dipper eliminates this struggle, making it easy to grip with your fingers and ideal for dipping. The flavor is perfectly balanced, with the ideal amount of acid and sweetness.  
10 seeds - \$4.95

CHERRY/GRAPE



NEW!

**40206. LITTLE BING (60-65 DAYS) NEW!**

GERM 7-14 DAYS / DETERMINATE  
The ideal container tomato! Little Bing will flourish in smaller containers, growing 6-8" with a single plant and 12-18" in a mid-sized, multi-plant container. Compact, growing less than 24" with manageable, tidy growth; perfect for an apartment, balcony and other small growing spaces. Honestly one of the best-tasting flavor-filled red cherry-sized tomatoes we have tried from such small plants, and the main reason we are offering this variety. They set and ripen over a period of a few weeks or more. A good one to start extra early for early-season fruits.  
10 seeds - \$3.25



**40202. TUMBLER (F1 HYBRID 50 DAYS)**

GERM 7-14 DAYS / DETERMINATE  
A superior variety for hanging baskets and containers. Cascading vines are prolific, offering extra early cherry-sized tomatoes, the first tomato to ripen for us this season. Replaces the Tumbling Tom series. 10 seeds - \$2.95



**41901. RED PEAR (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Vines carry an abundance of red, pear shaped fruit, 2" long. Sweet and juicy and resist cracking. 25 seeds - \$1.95



**420. YELLOW PEAR (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE HEIRLOOM  
A favorite among tomato aficionados and a childhood favorite of Pinetree's founder, Dick Meiners. A Pre- 1800 heirloom variety that historically was used for tomato preserves and offers a mild slightly sweet flavor. Bundles of pear shaped fruits grow in clusters with 1 1/2" long fruits. 25 seeds - \$1.95



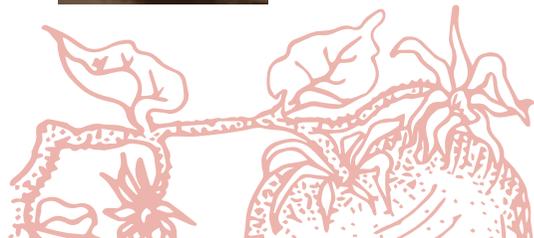
**41204. MATT'S WILD CHERRY (55 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Wild is the operative word here. Strong vines are overwhelmed by an abundance of small cherry tomatoes, hundreds of them. The flavor is intense and they seem impervious to almost any disease you can name. They are also early and will continue to yield well up to the first frost. 25 seeds - \$2.50



**41302. ISIS CANDY (75 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
A true beauty! Bi-colored, 1 1/2" fruit with golden and reddish pink marbled skin grows in clusters of 6-8. The flavor is fruity with a sweetness that is just right. 25 seeds - \$1.95



## CHERRY/GRAPE

**41206. CANDYLAND (55 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
First currant type tomato to be an AAS winner. One of our earliest maturing, indeterminate tomatoes. A very well-kept plant when compared to the sprawling growth habit of a traditional currant tomato. Each of the tiny 1/2 inch fruits have a bright burst of flavor with a slightly meaty texture. We counted up to 40 fruits on just one of the dozens of trusses. You'll need this heavy producer to contend with how many of these petite treats you will want to consume. **10 seeds - \$3.95**

**42001. GOLD NUGGET (55 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Approximately 1" in diameter and a healthy golden color. One of the earliest to mature in the field, not prone to cracking and don't have a lot of seeds. Flavor is memorable, similar to Yellow Pear. This variety, bred by Dr. James Baggett at Oregon State, is fairly compact allowing efficient space utilization. **25 seeds - \$1.95**

**40106. SWEET APERITIF (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
This new open-pollinated tomato could be the sweetest you have ever tasted! We think it is sweeter than the sweetest we offer, Sungold (#406). Why not try a side by side test and let us know what you think! A bite sized 1/4 ounce morsel with a sugar brix of up to 13, balanced with enough acidic tang to delight your senses. One plant offers trusses upon trusses of bright red succulent fruit. Can also be grown successfully in a greenhouse. **15 seeds - \$2.75**

**416. GARDENER'S DELIGHT (67 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
This open pollinated large cherry tomato has become popular through word of mouth because this is an excellent tomato. The 1-1 1/2" dark cherry red fruits have a delightful sweetness, a classic summer flavor. They resist cracking well and are produced in abundance. The German grower, Ernst Benary, has gradually evolved into a flower seed company; this is the only vegetable seed they continue to produce because it is so popular. **25 seeds - \$1.95**

**41501. RIESENSTRAUBE (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE HEIRLOOM  
In German, the name suggests a giant bunch of grapes and that pretty well sums it up. The plant can produce 20-40 fruits per cluster. They are an elongated cherry shape with a pointed end. The flavor is quite acid, not too sweet. **25 seeds - \$1.95**

**41504. GERANIUM KISS (68 DAYS)**

GERM 7-14 DAYS / SEMI INDETERMINATE   
One of the most beautiful tomato plants we have seen with deep green rugose leaves on dwarf, bushy plants. Grow in containers or in the ground. The foliage is not the only stand out with this variety; we have never seen such enormous trusses of fruit like this before, anywhere from 20-60 fruits on one, with 3-4 of these sized bunches per plant. The tomatoes range from 1-2 ozs, have pointed ends with a simple tomato flavor. **20 seeds - \$1.95**

**41202G. BLACK CHERRY (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Long vines are covered with distinctive, very dark purple fruit. You get the exceptional flavor of a Brandywine in a cherry tomato. **25 seeds - \$2.25**

**405. TOMATOBERRY GARDEN (F1 HYBRID 60 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
This improvement on the original Tomatoberry is a unique breed for home gardeners. Fruit resemble large strawberries both for sweetness and appearance. It is great for eating right off the vine. Fruits are only about 1" across and notably heart shaped. Resists cracking and carries more sweet juice than most cherry tomatoes. **10 seeds - \$6.75**

**41303. MIDNIGHT SNACKS (65-70 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
An All-America Selections award-winning indigo-type cherry tomato with a traditional and well-balanced flavor. Fruits ripen to a deep red and have a glossy black-purple overlay when exposed to sunlight. The indeterminate vines continuously produce bunches of fruits that mature earlier compared to other indigo-colored varieties. We picked this one because we were impressed by its flavor and abundant yields. **10 seeds - \$3.25**

STANDARD,  
HEIRLOOM &  
OPEN POLLINATED**42401. YELLOW BRANDYWINE (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
A yellow, turning to gold, version of Brandywine. A heavy yielder with a fine rich flavor. **25 seeds - \$1.95**

**42402. BLACK BRANDYWINE (90 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
A bit later than the yellow, this Brandywine is a brownish purple, close to black. The oval shaped fruit has a memorable flavor. **25 seeds - \$3.25**

**41503. MARIANNA'S PEACE (85 DAYS)**

GERM 7-14 DAYS  
INDETERMINATE HEIRLOOM  
An excellent customer suggestion! Outstanding rich flavor of sweet and acid with dense creamy texture. If you love Brandywine, this one will surely challenge its recognition as the "Best tasting heirloom" tomato. Comes from Czechoslovakia, and said to be passed down since the early 1900's. The name and history comes from the story of Marianna. She was a young girl who escape capture in WW2, after a decade of losing contact with her family they reunited and before her father died he gave her these seeds as a gift. Late season, pink beefsteak type with potato leaves. **25 seeds - \$2.25**

**411. AUNT RUBY'S GERMAN GREEN (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE HEIRLOOM  
Green fruit become amber tinged when fully ripe. Slices are lime green, resemble a sliced kiwi and the flavor is terrific, spicy and sweet. Fruits are 5x4". **25 seeds - \$2.25**

STANDARD,  
HEIRLOOM &  
OPEN POLLINATED

**41703. BLACK KRIM (69 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
UKRAINIAN HEIRLOOM

Deep red fruits appear to be a shiny black while the interior is a reddish green. Surprisingly, this very old, very sweet, fairly large tomato is also very early. **25 seeds - \$2.25**



**422. BONNY BEST (72 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
HEIRLOOM

An old time canning variety with a full, pleasantly acid flavor keeps gardeners growing this reliable variety. Fruits are round and flattened and are under 8 oz apiece. Producing especially well in Northern areas where it is one of the first to ripen. **25 seeds - \$1.95**



**42801. OXHEART PINK (80 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
HEIRLOOM 1925

Per James Vick Seed's 1936 catalog, "A very large tomato rounded at the stem end but tapering to a point, and averaging 1 1/2 pounds in weight. As it becomes better known the demand for seed is constantly increasing. Skin - purplish pink, flavor - luscious sub-acid; very meaty and almost seedless. **25 seeds - \$1.95**



**40901. SUB ARCTIC PLENTY (60 DAYS)**

GERM 7-14 DAYS / DETERMINATE  
Developed in Canada, this is one of the world's earliest tomatoes. It sets fruit early and under cool summer conditions and is a heavy yielder; 2 oz, round, red tomatoes in clusters. The plants may be placed close together and don't require staking. **25 seeds - \$1.95**



**41601. RUTGERS (73 DAYS)**  
GERM 7-14 DAYS / DETERMINATE

This tomato remains the most popular with many farm stand owners from Maine to New Jersey. Rutgers was developed by the Campbell Soup Company for processing, but is also a superb slicer. Uniform 7 ounce fruits are a brilliant red with a terrific full bodied flavor. **25 seeds - \$1.95**



**415. KELLOGG'S BREAKFAST (79 DAYS)**  
GERM 7-14 DAYS/INDETERMINATE HEIRLOOM  
Heirloom from West Virginia preserved by Darrell Kellogg, a railroad supervisor, after receiving seed from a friend. Very large, sunny orange beefsteak with an outstanding flavor that is unforgettable. **25 seeds - \$1.95**



**40701. WAPSIPICON PEACH (78 DAYS)**  
GERM 7-14 DAYS/INDETERMINATE HEIRLOOM  
A two bite tomato with an unbelievable delicious nectar-like, juicy flavor. Your taste buds will surely melt and thank you when you put this tomato in your mouth. Named for a river in northeastern Iowa, this tomato produces a plentiful supply for 2" light yellow fruits having tinges of pink with a touch of fuzzy peach like skin. **25 seeds - \$1.95**



**42503G. GREEN ZEBRA (75 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
Olive green and yellow striped fruits are full of flavor; tangy and tart with sweetness arriving the longer left on the vine to ripen. Smooth, globe shaped, 3-5 oz fruit rarely crack. **25 seeds - \$2.50**



**40501G. STRIPED GERMAN (80 DAYS)**  
GERM 7-14 DAYS/INDETERMINATE HEIRLOOM  
Massive fruits, our first one coming in at 1.3 pounds; with yellow orange skin, a red starburst bottom streaking upward and inward into the silky, fruity tasting flesh. An incredible tomato! **25 seeds - \$2.50**



**42804. TIGERELLA (55-65 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
ENGLISH HEIRLOOM  
These unique fruit are noted for their stripes, hence the name. When immature they are a light green with dark green stripes. When mature the stripes alternate between red and a yellow orange. 2" fruit have a very tangy flavor; yields are very heavy, & quite early. **25 seeds - \$1.95**



**41602. MORTGAGE LIFTER (77 DAYS)**  
GERM 7-14 DAYS/INDETERMINATE  
HEIRLOOM  
The story is that a gentleman named Radiator Charlie bred this variety with crosses between German Johnson, Beefsteak, and other varieties. He was able to earn enough selling the seed to pay off his mortgage during the Depression. They are very large, pink skinned, very sweet tomatoes. **25 seeds - \$1.95**



**41603. CLIMBING TRIPLE CROP (80 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
Triple Crop is a Beefsteak type with a very long, 10-15' vine. You can grow these tomatoes much as you would pole beans or cukes on a sturdy trellis, with a yield of several bushels per plant. The large, meaty, sometimes oddly shaped red fruit have a pleasant, somewhat acid, flavor that you associate with Beefsteak types. **25 seeds - \$1.95**



**41309. JAPANESE BLACK TRIFELE (70-80 DAYS)**  
GERM 7-14 DAYS / INDETERMINATE  
Highly productive Russian heirloom. Brick-red, 4-6 oz pear shaped fruit rarely seen in other potato leaf varieties. Every summer we share our tomato trials with the staff for a taste test, this one was the favorite for 2019. They loved the dense, smooth texture and clean taste, a real balance between sweet and tangy. Don't let the gangly structure of this plant fool you, this one's a workhorse for tomato production. **20 seeds - \$2.95**



**423. PINEAPPLE (85 DAYS)**  
GERM 7-14 DAYS/INDETERMINATE  
HEIRLOOM  
An heirloom with a combination of orange and yellow stripes both inside and out. Very large, beefsteak type fruits are 5" in diameter with juicy, meaty flesh and a fine mild flavor. We have produced fruit that exceeded 2.5lbs. **25 seeds - \$1.95**



STANDARD,  
HEIRLOOM &  
OPEN POLLINATED**424G. BRANDYWINE (80 DAYS)**GERM 7-14 DAYS / INDETERMINATE  
HEIRLOOM 1885

Legendary for its delicious taste and one of the most popular heirloom tomatoes grown. This is the "Quisenberry" strain, considered to be among the best, a potato leaf plant with big, 10-24 oz pink-reddish fruit. **25 seeds - \$3.25**

**408. PRUDEN'S PURPLE (72 DAYS)**

GERM 7-14 DAYS / INDETERMINATE HEIRLOOM

One of our favorites, Pruden's Purple is outstanding in every aspect. Exceptionally early for a large tomato. Average fruit weighs 1lb., is 4" across and 3" high. Distinctive ridges, like the ribs of a cantaloupe, grid the fruit longitudinally. Color is more of a deep pink than a true purple. Flesh is firm and meaty; flavor is wonderful. Remarkably, Pruden's Purple contains very few seeds. **25 seeds - \$1.95**

**40902. HEINZ CLASSIC PROCESSOR (75 DAYS)**

GERM 7-14 DAYS / DETERMINATE

The Heinz Company came out with several strains of this tomato over the years and we have the best of them. In late August there are dozens of fruit, all around 3" across, all crack free, all bright red. A great tomato for a variety of home uses. Acid content is perfect for canning; the flavor is fine for salads. **25 seeds - \$2.25**

**42802. SOLDACKI (80 DAYS)**GERM 7-14 DAYS / INDETERMINATE  
POLISH HEIRLOOM

Intense flavor is tangy and strong but also very sweet. Heavy yielder on potato leaf vines. Plants are huge and covered with the beefsteak red fruit. Should be picked at the first sign of maturity and while many fruits will be perfect others will be misshapen or cracked. Many growers put up with this in exchange for the remarkable flavor. 1 lb. fruit are picked in late-midseason. **25 seeds - \$1.95**

**42502G. CHEROKEE GREEN (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE

Ripe green skin is blushed amber, has a green interior with a balance of sweet and tart, some say it has the best flavor out of all green tomatoes. Medium size 8-12 oz fruits. A selection out of the heirloom Cherokee Purple. **25 seeds - \$2.25**

**425. CHEROKEE PURPLE (80 DAYS)**GERM 7-14 DAYS / INDETERMINATE  
HEIRLOOM 19TH CENTURY

Many heirloom tomatoes get the accolade "best tasting" from their fans, and this is certainly one of them. Originally grown in Tennessee by the Cherokee tribe, the 6", 12-16 ounce fruit come in shades of dusty rose to purple, sometimes with greenish shoulders. While it is a beefsteak type, it is known for its sweet aftertaste. **25 seeds - \$2.50**

**42803. STUPICE (65 DAYS)**GERM 7-14 DAYS / INDETERMINATE  
CZECHOSLOVAKIAN HEIRLOOM

Very early to mature. The flavorful 3-4 ounce fruit are borne in clusters of 5 or more. Yields are quite high and nearly every fruit is perfect. The color is an intense red and the sweet, tangy flavor is what you would associate with larger beefsteak types. **25 seeds - \$2.25**

**412. OREGON SPRING (68 DAYS)**

GERM 7-14 DAYS / DETERMINATE

One of many excellent releases by Dr. Jim Baggett of Oregon State. Breeding effort was to develop a variety that could be set out in cool spring temperatures. Can go out in April if freezing can be prevented. Tomatoes are full sized, 4" across, with fine color and texture. Yields are high and flavor is great, nicely acidic. **25 seeds - \$1.95**

## PASTE TOMATOES

**W291. ROMA (78 DAYS)**

GERM 7-14 DAYS / DETERMINATE

Excellent Italian paste type that doesn't need staking. Smaller and earlier than San Marzano, with nice thick flesh and good, rich tomato flavor. Blocky fruits are dry, but still tasty when eaten raw. **35 seeds - \$2.25**

**40104. TEN FINGERS OF NAPLES (75 DAYS)**GERM 7-14 DAYS  
SEMI-INDETERMINATE HEIRLOOM

Italian heirloom bears finger like trusses of medium-sized paste tomatoes. Incredible yields of 4 oz., 4-5" fruits with firm meaty flesh and a rich, savory flavor with little seed; ideal for purée, salsa, sauces, and canning. Outperformed San Marzano, with 25 bunches of tomatoes growing on one plant, 5-7 fruits per bunch. **25 seeds - \$2.25**

**41405G. BLUE BEECH (80-85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE

Heirloom sausage-type paste tomato, similar to Opalka. An excellent canning tomato with thick, meaty flesh and little seeds; perfect for homemade sauce. Tastes great sliced and eaten fresh too. It is well adapted to northern climates, resists disease, and blossom end rot better than others. This strain was originally brought to Vermont from Italy during WWII. **25 seeds - \$3.25**

**41402. SPECKLED ROMAN (81 DAYS)**

GERM 7-14 DAYS / INDETERMINATE

Developed by John Swenson, cross between Antique Roman and Banana Legs. Fruit are quite uniform with few disease problems. About 3 x 5" and quite heavy. Red color is flecked with attractive orange stripes. Dense tomatoes are great for paste or processing, but flavor is so good you'll want to eat them fresh. **25 seeds - \$2.50**

**41407. SUNRISE SAUCE (F1 HYBRID 60 DAYS)**

GERM 7-14 DAYS / DETERMINATE

Bright orange Roma-shaped fruits arrive in an early one-time harvest window, optimal for making full-flavored sauces and salsa. Produces 3-4 oz easy to peel, sweet and meaty tomatoes. Plants are suitable for growing in large containers or in-ground. **10 seeds - \$3.25**

V F1

## PASTE TOMATOES

**428. MARTINO'S ROMA (75 DAYS)**

GERM 7-14 DAYS / DETERMINATE HEIRLOOM  
Unusual among old tomato varieties, this 2 ounce paste tomato will supply you with hundreds of fruits. They are borne in clusters of 4-6 and it seems immune to the blossom end rot that plagues the larger paste varieties. Makes a truly fine sauce.  
**25 seeds - \$1.95**

**W292. SAN MARZANO (82 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
This Italian heirloom paste tomato is widely known and popular despite its lack of disease resistance. The fruit's mild and pleasant tomato flavor is prized for cooking down into sauces and purees and is famous for canning. The vigorous vine carries clusters of small, 1 1/2" by 3 1/2" lobed, elongated fruits with firm flesh and open seed cavity and very few seeds. Yields are very high. **25 seeds - \$2.25**

**42601G. AMISH PASTE (85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE HEIRLOOM 1870  
Origin is said to be from the Amish communities in Wisconsin, but discovered among the Amish of Lancaster County, Pennsylvania. Sweeter than other paste tomatoes, the shape can vary from large plum to teardrop. Juicy, 8-12 oz fruits with meaty flesh and few seeds; useful in sauces, for slicing or canning.  
**20 seeds - \$2.75**

## SUN DRIED

**W295. PRINCIPE BORGHESE (78 DAYS)**

GERM 7-14 DAYS / DETERMINATE HEIRLOOM  
Italy's tomato for sun drying. Very small (1-2 oz.), plum shaped, and pointed at one end. Fruits are born in large clusters of several dozen, like grapes. Meaty with little juice and branches can be hung to dry until leathery. Italians just throw the vines over a fence. We've had success with slicing them in half and drying them in an oven with just the pilot light. Don't give this one too much water as you don't want juicy fruit for drying. **20 seeds - \$1.95**

**42909G. PINK BERKELEY TIE DYE (75 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Trying this one for the first time is a true flavor experience. Extremely robust flavors; complex and hard to describe: sweet, rich, tart, salty with a hint of smokey and a dripping juicy texture. Fruits are 8-12 oz, round to oblate with green metallic stripes over pink skin.  
**20 seeds - \$2.75**

## INDIGO SERIES

These extraordinary blue almost black tomatoes will be some of the most unique varieties you have ever grown. They were developed with traditional selection and breeding techniques at Oregon State University, beginning in the 1960's from crossing cultivated tomatoes and wild species from Chili and the Galapagos islands. Young fruits when exposed to sunlight have indigo-purple skin from the pigment Anthocyanin, naturally occurring in blueberries, which is a powerful and beneficial antioxidant. The fruits are ready to harvest when the skin turns bright rosy red on the bottom, shoulders are indigo shaded and the fruit is soft to the touch.

**42910. INDIGO PEAR DROPS (65 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
This designer tomato is finally here and we can't wait for you to try it. It performed so well; we were impressed by the vast clusters of pear shaped fruits with sunny orange skin that ripen with indigo shoulders. Flavor was divine, delicately sweet, balanced with great tomato taste.  
**PVP. 20 seeds - \$3.25**

**429G. INDIGO ROSE (90 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Growing in clusters of 6-8, bearing a mighty crop of polished, indigo colored, super-sized cherry tomatoes. Flavor is mildly acidic and distinctive, with an herbal hint, flesh is rouge colored, meaty and juicy.  
**20 seeds - \$3.25**

**42901G. BLUEBERRIES (85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Produces an avalanche of cherry size, amethyst colored clusters. Nice balanced tomato flavor with a perfect amount of sweetness and juiciness.  
**20 seeds - \$3.25**

**42902G. BLUE BEAUTY (80 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Shoulders start out sapphire blue, darkening to a deep purple-red as they ripen. Abundant amounts of 6-8 oz meaty slicing tomatoes with clusters of fruits hold very well on the vine having great crack and sunburn resistance.  
**20 seeds - \$3.25**

**BUMBLE BEE SERIES (70 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
A movement to create tomatoes with the complex flavor, texture and beauty of heirlooms is on the rise, giving us stellar new varieties each season. Here we have the Bumblebee Series, from Artisan Seeds™. Three different colors, these traditional spherical cherry types, 1 1/2", with their own delicious distinctive flavor, all are very productive, and hold up well to cracking. Try one or all varieties, we couldn't decide which one we like best so we thought we would offer them all to you!  
**10 seeds - \$2.75**

**42806G. PINK**

Pink orange marbled together, balance of sweet n' tart.

**42807G. PURPLE**

Purple red with metallic green striping, straight up tomato flavor.

**42808G. SUNRISE**

Bright yellow and red streaks, sweetest of the three.

Venture into the world of gourmet tomatoes and we guarantee that you will be excited, practically sleeping near the plant, lingering, waiting for them to ripen; that moment you finally get to slice your first fruit open. Brad Gates, owner of Wild Boar Farms is a small organic farmer and passionate tomato breeder out of northern California. Using genetics and the natural mutations of heirloom varieties he selected and experimented, creating exotic, open pollinated tomatoes with many amazing colors combination, shapes, sizes, and taste. These are the heirlooms for future generations.

**42908G. LARGE BARRED BOAR (65-75 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Ample amounts of large, flattened pink-brown fruits with lustrous green stripes range from 8-12 oz, with bigger ones possible. Rich, delicious flesh is meaty and full of flavor.  
**20 seeds - \$2.75**

**42905G. SOLAR FLARE (85 DAYS)**

GERM 7-14 DAYS / INDETERMINATE  
Golden metallic stripes flare from the top and bottom of the bright red, 6-10 oz beefsteak type fruit. Excellent production continues to the end of the growing season with good scab resistance. We loved the luscious, flavorful taste of this one, having a perfect balance of sweet and acid.  
**20 seeds - \$2.75**



**GERMINATION TEMPERATURE:** Optimum soil temperatures 75–85° F.  
**SEED SOWING DEPTH:** 1/8" deep  
**STARTING INDOORS:** 6–8 weeks before the last frost.

**SEE GROUND CHERRY PLANTING INSTRUCTIONS FOR MORE INFORMATION**



**W592. PURPLE TOMATILLO (100 DAYS)**  
 GERM 7–14 DAYS / HEIRLOOM  
 (PHYSALIS PHILADELPHICA)  
 Large heirloom tomatillos are later than the green but worth the wait. Deep purple color develops after they mature and break open the papery husks. Flavor is tangier than its green cousin. Try them grilled! **40 seeds - \$1.95**



**W590. TOMATILLO (85 DAYS)**  
 GERM 7–14 DAYS / HEIRLOOM  
 (PHYSALIS PHILADELPHICA)  
 Fruits resemble Chinese Lanterns. The tomato-like fruit grows to about 2" inside a papery husk. Harvest when the tomatillo is just turning yellow. They will be hard. Can be stored for 1–2 months in a cool dry place. Use in Mexican sauces or salsas. Grow as you would tomatoes. Height will be 4', so give good support. Very prolific. **40 seeds - \$2.25**



**GERMINATION TEMPERATURE:** Optimum soil temperatures 60–75° F.  
**SEED SOWING DEPTH:** 1/2" deep

**SOWING OUTDOORS:** Starting in early spring through late summer. Sow 1/2–1" apart, thin to 3–6" apart, soon after the seedlings emerge.

**HOW MUCH DOES A PACKET PLANT:** 8-foot single row

**HARVEST:** Leafy greens and roots from baby to full size.

**TIPS:** Needs fertile soil and consistent moisture. Amend with compost at planting time if needed. Sow every couple of weeks for a continuous harvest.

**433. TOPPER (35 DAYS) GERM 7–14 DAYS**

This variety is grown primarily for the greens. There tend to be seven tops which are dark green, crisp, and delicious, particularly when harvested young. This variety is resistant to aphids and mildew. **100 seeds - \$1.95**



**435G. SCARLET OHNO REVIVAL (50 DAYS)**  
 GERM 7–14 DAYS  
 A specialty Japanese variety improved and reintroduced by breeder Frank Morton. Scarlet to Fuchsia bulbs with a white interior feathered with the vivid color of the skin. Harvest at baby or full sized and don't forget to make use of the healthful leafy greens. **100 seeds - \$1.95**



**436. HINONA KABU (40 DAYS)**  
 GERM 7–14 DAYS / JAPANESE HEIRLOOM  
 Magenta colored roots are easily seen in the garden, protruding above the soil by a few inches, then turning white, stretching long and elegantly into the ground. Harvest the mild flavor roots at 1–1 1/2" wide and 10–12" long and use raw, pickled or cooked. A traditionally Japanese turnip used to make sakura zuke cherry pickles. **100 seeds - \$1.95**



**W495. SHOGAIN (30 DAYS)**  
 GERM 7–14 DAYS  
 A classic Japanese Turnip, as with American varieties it is used both for the roots and the tops. Plants quickly mature to a height of 20 inches and lovely, round 4 inch diameter roots are developed. Since it is such a quick grower it also makes a good fall crop. **100 seeds - \$1.95**



**434. GOLDEN BALL (60 DAYS)**

GERM 7–14 DAYS / HEIRLOOM 1863  
 We got the seed for this variety from our friend Glenn Downs at the Sand Hill Preservation Center. Golden Ball was brought to this country from London in 1855. Sweet, tender, and mild with dark yellow flesh. They get huge if left, but flavor is best when harvested at 3–4". A good keeper. **100 seeds - \$1.95**



**432. ROYAL CROWN (F1 HYBRID 52 DAYS)**  
 GERM 7–14 DAYS

This hybrid is a big improvement over other purple topped varieties we've tried. Tops are shorter but have more leaves per plant making them ideal for greens. The white root is very smooth and slightly flattened with purple blotches on top. Matures quickly in either spring or fall and flavor is excellent. **100 seeds - \$1.95**



**430. PURPLE TOP - WHITE GLOBE (58 DAYS)**  
 GERM 7–14 DAYS / HEIRLOOM

Roots are nearly round with purple tops & white bottoms. Will grow to almost the size of a rutabaga, but better young. Flavor is very "turnipy". **100 seeds - \$1.95**



**431. TOKYO CROSS (F1 HYBRID 30 DAYS)**  
 GERM 7–14 DAYS

The rapid maturation of this variety is absolutely amazing and they will get quite large if you wish. Harvest them young and they are usually worm-free without chemicals. Tops also have a nice flavor. AAS winner. **100 seeds - \$1.95**

**GERMINATION TEMPERATURE:** Optimum soil temperatures 70–85° F  
**SEED SOWING Depth:** 1/2" deep

**STARTING INDOORS:** 3–4 weeks before the last frost. Sow 2–3 seeds per cell/pot. Using biodegradable peat/cow pots reduces root damage when transplanting. Transplant after last frost, 36–48" apart, rows 48–60" apart

**SOWING OUTDOORS:** After the last frost when the soil temperature is over 70° F.  
**HOW MUCH DOES A PACKET PLANT:** 18–20 foot single row, 4–5 hills

**HARVEST:** Look for the following signs as it does take some practice on telling when they are ready to harvest: the closest tendril to the stem dries, there is a crack in the stem that attaches the watermelon to the vine, where the watermelon touches the ground it should be a butter yellow color, give it a knock with your hands and it should sound hollow, the skin is dull, and slipping of the stem from the melon with slight finger pressure.

**TIPS:** Needs fertile, well-drained soil, amend with compost, well-rotted manure, and/or add organic fertilizer. Keep well watered for optimum growth, mulching helps retain moisture. Use black plastic mulch and row covers for weed, insect control, and faster growth.

**449. KLECKLEY SWEET (85 DAYS) GERM 4–10 DAYS HEIRLOOM PRE 1900**

Also known as Monte Cristo or Wonder Melon. The large, 25–40lb fruits are oblong with square ends and a relatively thin dark green rind. The flesh is bright red and very sweet with white seeds. **20 seeds - \$2.25**



**44103. MINI LOVE (F1 HYBRID 70 DAYS)**  
 GERM 4–10 DAYS

Early, personal-sized watermelon for small spaces. This AAS winner has short 3–4 foot vines and can produce up to 4–5 fruits per plant weighing in around 4–7 lbs. A thin but strong rind envelops a deep red interior with a high sugar content resulting in sweet, juicy flesh. Crack and split resistance. **10 seeds - \$6.25**



**442. SUGAR BABY (80 DAYS)**  
 GERM 4–10 DAYS

Early enough to be grown almost anywhere. Flavor is as good as the larger shipping melons, perhaps better. Fruits average 7" in diameter and are perfectly round. **20 seeds - \$2.25**

## WATERMELON

**44904. BLACKTAIL MOUNTAIN****(70 DAYS) GERM 4-10 DAYS**

If you have had a difficult time growing watermelons try this easy to grow variety. Perfect for first-time gardeners. 10" to 12" solid deep green rind with mouthwatering sweet red flesh. Vines up to 10'. Developed in northern Idaho with the ability to ripen even in cooler climates. If you mulch it well at the start and give it adequate water, this variety can take care of itself. **20 seeds - \$2.50**

**44801. YELLOW PETITE (80 DAYS)****GERM 4-10 DAYS**

A very aromatic melon and just the right size to fit in the refrigerator. Melons are nearly a perfect sphere, 5-7lbs with bright yellow flesh and a dark and light green striped rind. Very sweet. **20 seeds - \$2.25**

**44901. TOM WATSON (90 DAYS)****GERM 4-10 DAYS / HEIRLOOM PRE-1900**

A very large fruited variety but well suited to short season areas because it matures in less than 90 days. Fruits are 2' across and one foot wide with weights from 25 to 40 pounds. The rind is green with darker green stripes, thin, and hard. The flesh is sweet and red with brown and white seeds. A popular, productive, home garden variety. **20 seeds - \$2.25**

**445. MOON & STARS (105 DAYS)****GERM 4-10 DAYS / HEIRLOOM 1901**

This Amish heirloom's rind is a deep green with yellow dots, some large (moons) and some small (stars), hence the name. We harvested a 28lb melon from our trials. Foliage is mottled as well. It's very sweet flavor, along with its unusual appearance, have given it a lot of notoriety in recent years. **20 seeds - \$2.25**

**447. KLONDIKE BLUE RIBBON****(90 DAYS) GERM 4-10 DAYS**

One of the highest sugar contents of the varieties we offer and a garden standard since 1939. Medium to large sized oblong fruit covered by narrow dark stripes, bright crimson flesh has that homegrown watermelon flavor; perfect for a late summer BBQ. Resistance for fusarium wilt, anthracnose. **20 seeds - \$2.25**

**44401G. CRIMSON SWEET (85 DAYS)****GERM 4-10 DAYS**

AAS winner from the 1960's. Classic light and dark green striped rind and deep red flesh with the perfect amount of sweetness. Almost round fruits can reach 15- 25 lbs. Vines spread 8 feet and are resistant to anthracnose and fusarium wilt. **20 seeds - \$3.50**

**441. SANGRIA (F1 HYBRID 87 DAYS)****GERM 4-10 DAYS**

Sangria is thought of as the "gold standard" when it comes to watermelon, the best of those big ones that command the produce section in late summer. Elongated fruit run 20-25lbs and the rind is mostly green with lighter green stripes. Flesh is a lovely red and flavor is terrific. So sweet, so juicy. Resistant to Anthracnose and Fusarium wilt. **15 seeds - \$3.95**



## COVER CROPS

**CC2. BUCKWHEAT (40 DAYS FLOWER, 80 DAYS GRAIN )****(FAGOPYRUM ESCULENTUM)**

Accumulating phosphorus, buckwheat is fast growing and can be turned under just 6 weeks after planting. Useful for shading out persistent noxious weeds if planted early in the spring. Not at all cold tolerant it grows about 3' tall. Sow 2-3 lbs. per 1,000 sq. ft.

**1 LB. - \$7.50 5 LBS. - \$15.95****CC22. FIELD PEAS (65-75 DAYS) (PISUM SATIVUM)**

Short term green manure smothers weeds and adds nitrogen and nutrients to soil. Peas are often mixed with vetch, oats, or rye as an effective cover crop. Sprouts are delicious and you can harvest the peas.

**1 LB. - \$7.50 5 LBS. - \$15.95****CC10. CLOVER-MAMMOTH RED (70-90 DAYS ) (TRIFOLIUM PRETENSE)**

Clover grown on fallow ground, improves the quality of the soil because of the nitrogen fixing property. Mainly grown in the North since it won't tolerate heat. Plants are 1-2' tall and make a fine display with their red flowers. Plant in the spring, where it will be left for the whole season. Half-hardy perennial, will re-seed if not cut before it sets seed. Often this clover will die the first year—a real plus in a cover crop. Grows 2-3'. tall. Sow 1/2 lb. per 1,000 sq. ft.

**1 LB. - \$12.95 5 LBS. - \$32.95****CC6. WINTER RYE (SECALE CEREALE)**

Planted in fall to protect and enrich the soil throughout the winter. Plant up to 3 weeks before the ground freezes solid and turn under in the spring, a few weeks before the garden is to be planted. Grows about 5' tall.

**Sow 3-4 lbs. per 1,000 sq. ft. 1 LB. - \$7.50 5 LBS. - \$15.95****CC14. CLOVER-WHITE (60-70 DAYS) (TRIFOLIUM REPENS)**

Perfect living mulch for garden paths, wide spaces, between beds or hills. Hardy, low-growing perennial clover that effectively smothers weeds, prevents erosion, retains moisture and builds soil fertility. Sow in early summer. Growing up to 12" high, should be mowed or clipped once or twice in the season. Sow 1/4-1/2 lb. per 1,000 sq. ft. Hardy to Zone 4.

**1 LB. - \$15.95 5 LBS. - \$39.95****CC19. ECO-TIL RADISH (60-90 DAYS) (RAPHANUS SATIVUS)**

Elongated radish roots produce a vigorous root system that pulls up nitrogen along with other important nutrients from deep within the soil, bringing them back up to the surface while increasing water infiltration, soil aeration, and weed suppression. This mining of nutrients from deep down becomes available to the next crops once the radish decomposes. Sow August through September, the further north you are the earlier you want to seed. Sow 1 lb per 1000 sq ft. **1 LB. - \$10.95 5 LBS. - \$32.95**

**CC16. HAIRY VETCH (60-300 DAYS) (VICIA VILLOSA)**

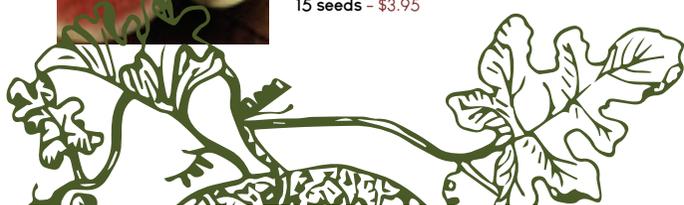
Provides nitrogen fixing, and more frost resistant than others. Sow in late summer to establish a stand before the ground freezes, and will survive ordinary winters in the North to re-grow vigorously next spring. Turn in a few weeks before spring planting. Benefits from a companion grain like rye or oats to protect it through the winter and provide support for vines in the spring. Versatile, tolerates acid soils, low fertility, shade, and can fix over 100 lbs. nitrogen per acre. Grows 2' tall. Sow 1 lb. per 1,000 sq. ft. Hardy to Zone 4.

**1 LB. - \$12.95 5 LBS. - \$32.95****CC4. OATS (100-110 DAYS) (AVENA SATIVA)**

Another fast growing grain that can be turned under several times a season to enrich the soil. If planted prior to September, it will winter-kill, but the stubble will protect the soil throughout the winter and it is easily tilled under in the spring. Grows 3-4' tall. Sow 2-3 lbs. per 1,000 sq. ft.

**1 LB. - \$7.50 5 LBS. - \$15.95****48302. MARIGOLD "NEMATODE CONTROL" (TAGETES PATULA)**

Root-knot nematodes are common pests of many vegetables and flowers. Marigolds can be effective against them as a trap crop by planting them as a cover crop and then tilling them into the soil as green manure. In areas with short growing seasons, they should be planted in the previous season or 3-4 months before planting vegetable crops. Sow 1oz. per 1000sq. ft. **1 oz - \$7.95**



# Herbs

Herbs are so beautiful that they are often worked into the landscape, either grouped together or mixed in with other perennials and annuals. Lavender makes a beautiful hedge, garlic chives are a lovely accent plant, and the blooms of marjoram provide a delicate pattern of beauty. Generally, herbs are also easily grown. Perennial and biennial herbs are best started indoors where germination can be controlled, while annuals are generally sown outdoors. One packet is usually enough for the home garden.

## M MEDICINAL HERBS

Most herbs can be applied in both culinary and medical uses, but some tend to be more effective in a medicinal capacity. Items with the "Medicinal Herbs" symbol are suggested to be applied in this manner.

## C CULINARY HERBS

Herbs with the "Culinary Herbs" symbol are suggested to be used in an edible capacity.

LOOK FOR THESE ICONS THROUGHOUT THE CATALOG FOR USAGES & TIPS!



ORGANIC

NEW!

NEW ITEM



EASY TO GROW



BEST FOR CONTAINERS



BEE FRIENDLY

## ANGELICA



### 477. ANGELICA

(*ANGELICA ARCHANGELICA*) BIENNIAL

Native to northern Europe; grows stout, vibrant green foliage in the first year then sends up impressive, large umbels of white-greenish star burst flowers the following season. Has many uses in the kitchen along with a long traditional history as an herbal remedy. Leaves can be used to flavor poultry and fish, while stems can be stewed with apples and rhubarb or made into candy and preserves. Seeds are added to flavor vermouth and gin; in Iceland it even was once considered a currency in trade. Historically used for stomach, respiratory ailments, and as an herbal tonic for blood and circulation. Prefers cool climates, semi shaded areas and moist fertile conditions. Spreads 2-4' wide and grows to 5-7'. Zones 4-9. 100 seeds - \$2.50

M C

## ANISE



### 544. ANISE HYSSOP

(*AGASTACHE FOENICULUM*) PERENNIAL

Also known as Licorice Mint. Grows to 3' tall with 4-5" spikes of purple flowers at top. Leaves are dark green and arrow shaped with a nice strong licorice flavor. Dry leaves and flowers are used in potpourris, arrangements, and drinks. Blooms in summer, the same year from seed. Zones 4-8. 100 seeds - \$1.95

C

## ARNICA



### 54401. ARNICA

(*ARNICA MONTANA*) PERENNIAL

Golden yellow daisy-like flowers rise 12" above low growing rosettes of bright green foliage early in its second year of growth. As a native to the alpine meadows of Europe, the petals have been used for centuries as a topical herbal medicine usually in the form of salves and tinctures for muscles aches, inflammations, and bruises. Plant in sun to partial shade. Zones 4-9. 30 seeds - \$2.25

M

## ALL BASILS



## SWEET BASIL

**50311G. NUFAR NEWI**

An Italian large leaf type with 3-4" bright green leaves and classic basil scent. Intermediate resistance to fusarium wilt. Nufar will provide you with months of large, flavorful leaves for cooking. Grows 24-30". **100 seeds - \$2.50**

NEW!

**503. ITALIAN LARGE LEAF**  
(*OCIMUM BASILICUM*)

A staple in many Mediterranean dishes, this strain is selected for maximum leaf production and dramatic flavor. Grows to a height of 2', produces throughout the season. A productive and dependable pesto producer.

**100 seeds - \$1.95****50303. DOLCE FRESCA**  
(*OCIMUM BASILICUM*)

AAS winner for its compact habit, strong fragrance and vigorous performance. A Genovese type that stays healthy all season, keeping its mounded shape while recovering quickly after harvesting. Specifically developed for containers but adaptable to any garden space. Grows to 14". **100 seeds - \$2.50**

**50305. EVERLEAF EMERALD TOWERS**  
(*OCIMUM BASILICUM*)

Tidy plants have a stately columnar habit and offer extensive season-long harvests of traditional Genovese flavored dark green, glossy leaves; flowers are delayed up to 10 weeks later than standard basil. Upright, plants can reach 36" when grown in containers, in-ground, or hydroponics plantings. We set out transplants the first week of June and now it is the 1st of September and they still have not flowered. Resistance to downy mildew and fusarium.

**50 seeds - \$4.50**

## BUSH BASIL

**510. BUSH**  
(*O. BASILICUM MINIMUM*)

A compact mound of tiny light green leaves with white flowers, of equal value in both the landscape and the kitchen. Imparts a delicate, spicy flavor to food and is especially good in soups. Just 8" tall, it can be grown in pots.

**100 seeds - \$1.95**

## LETTUCE LEAF BASIL

**506. LETTUCE LEAF**  
(*O. BASILICUM CRISPUM*)

Originated in Japan. The large (3-5") leaves are light, bright green. The flavor and fragrance are wonderful. Large leaves make it easy to pick and great to use as flavorful wrappers stuffed with different mixtures. **100 seeds - \$1.95**

## PURPLE BASIL

**50501. OSMIN**  
(*OCIMUM BASILICUM*)

Faster growth and a practically 100% true dark maroon color distinguish this new basil variety as an improvement over other purple basil. Useful not only as a beautiful and fragrant ornamental—in pots, beds, or kitchen gardens—but also as a culinary herb for colorful and flavorful pesto, vinaigrettes, salads, etc.

**100 seeds - \$1.95****509. PURPLE RUFFLES**(O. *BASILICUM* VAR.)

This 1987 All-America Selections winner looks remarkably like a miniature perilla. Leaves are much darker than regular opal basil and the plant is larger, 18-24". Flower stalk of 6" with pink blooms is more dramatic than other basil. Like opal basil, can be used as both an ornamental and culinary herb.

**100 seeds - \$1.95****50901. OPAL** (*OCIMUM BASILICUM*)

Grown for both culinary and ornamental uses, first discovered in the early 1800's, it is a sweet basil cultivar with deep purple glossy leaves and lilac flowers making it a beautiful ornamental plant too. Opal makes wonderful aromatic oils, vinegars and colorful pestos.

**100 seeds - \$1.95**

## THAI BASIL

**50301. THAI** (*OCIMUM BASILICUM*)

Native to southeast Asia this is a type of sweet basil found in the delicious cuisine of Thailand. It has a clove-licorice flavor with a hint of citrus and holds up well when cooked. The plant grows to 12-18" and has colorful purple stems and blooms. **100 seeds - \$1.95**

**508. SIAM QUEEN**  
(*OCIMUM BASILICUM*)

Plants are very compact, 10 to 12" tall, great for containers or the garden. A 1997 All-America Selections winner. The purple stems, large dark green leaves, and pink-violet flowers make for a lovely basil with a tangy flavor plus a spicy hint of licorice. An early maturing variety.

**100 seeds - \$1.95**

## SCENTED/CITRUS BASIL

**511. LEMON**  
(*O. BASILICUM CITRIODORUM*)

Compact growth to 2'. Leaves are smaller than sweet basil but the same color. Blooms white in summer. Marvelous lemon scent and taste.

**100 seeds - \$1.95****51101. LIME**  
(*O. BASILICUM AMERICANUM*)

Lime scented basil originated in Thailand. 2' tall plants possess attractive bright green foliage.

**100 seeds - \$1.95****513. CINNAMON**  
(*O. BASILICUM* VAR.)

Produces 2"-3" leaves and light lavender blooms. The spicy aroma and taste is cinnamon and mint, with a touch of anise. Also known as Mexican Spice Basil. **100 seeds - \$1.95**

## SPECIALTY BASIL

**50309G. MRIHANI**  
(*OCIMUM BASILICUM*)

This compelling heirloom variety of basil stands out boldly from any other. Uniquely shaped leaves with dramatic wavy serrations along the edges with a flavor and scent that is much different compared to Italian or Thai varieties; it is very bright and perfumed with hints of sweet citrus and anise. Introduced by Richo Cech of Horizon Herbs, who was gifted the seed by a local woman from the Zanzibar Archipelago. Grows to 18-24".

**100 seeds - \$2.50**

## SPECIALTY BASIL



**507. HOLY** (*O. BASILICUM AFRICANUM*)  
A tulsi type, also known as temperate tulsi. It has a shorter season and is more adapted to cooler seasons with a more compact growth habit compared to other cultivars of sacred or holy basil. Used medicinally and for teas.  
**100 seeds - \$2.50**



**50201G. CORSICAN**  
(*OCIMUM BASILICUM*)  
Appealing marbled leaves grow in varying intensities of purple and green shades.  
**100 seeds - \$2.25**



**512. LICORICE** (*O. BASILICUM* VAR.)  
Beautiful plant growing to 2'. Stems, leaf veins and flower bracts are deep purple, while the flowers themselves are a pale violet. The contrast is striking. Very strong licorice flavor and smell.  
**100 seeds - \$1.95**



**51301. WILD** (*CLINOPODIUM VULGARE*)  
PERENNIAL  
Not a true basil. The small 10" plants carry round green leaves, less than an inch across with small bright pink flowers. Possess a mild, savory flavor. Wild basil is used by Italians in many dishes and medicinally it functions as a skin preparation and a booster to the immune system. Zones 6-9.  
**100 seeds - \$1.95**



**W270. DWARF GREEK**  
(*OCIMUM BASILICUM*)  
Bush basil prized by chefs for its savory flavor. The small leaves make a great garnish.  
**100 seeds - \$1.95**



**514. PINETREE BASIL MIX**  
This mixture includes most of the culinary basil we sell, including Italian ones, and a few surprises.  
**300 seeds - \$3.50**

## BORAGE



**515. BORAGE**  
(*BORAGO OFFICINALIS*) ANNUAL  
3' tall with a spreading habit. Continuous sky blue blooms attract lots of bees. Tough and drought resistant, it reseeds itself vigorously. Grown as an ornamental as well as for the fuzzy, cucumber-tasting leaves in the spring. Soothing to skin inflammations, bites, stings, bruises, and as a tea for colds. **100 seeds - \$1.95**

## CARAWAY



**540. CARAWAY**  
(*CARUM CARVI*) BIENNIAL  
These seeds are my favorite addition to a number of vegetable and pasta dishes. The plant has a tap root, feathery leaves, and white flower umbels, all of which are also eaten. Zones 4-8.  
**100 seeds - \$1.95**

## CATNIP



**547. CATNIP**  
(*NEPETA CATARIA*) PERENNIAL  
2 1/2' tall. Used as a tea or for cats. White blooms are similar to other mints. Relaxing and soothing properties. Zones 3-9  
**100 seeds - \$1.95**

## CHAMOMILE



**48002. ROMAN CHAMOMILE**  
(*CHAMAEMELUM NOBILIS*) PERENNIAL  
Translated from the Greek, "chamomile" means ground apple, referring to the apple-like odor and the fact that it makes a fine ground cover. Plants are 4" tall and rapidly spreading. Dried flowers are used to make a sedative tea, nerve tonic, and skin cleanser, and used in potpourri. Zones 5-9.  
**350 seeds - \$1.95**



**48001. GERMAN CHAMOMILE**  
(*MATRICARIA RECUTITA*) ANNUAL  
This 15" tall, feathery-leaved plant is known for its apple-like flavor and fragrance. Used in teas and medicinally as a sedative, nerve tonic, and skin cleanser. Remarkable properties as a companion plant in making compost due to an affinity with calcium. **800 seeds - \$1.95**

## CHERVIL



**519. CHERVIL**  
(*ANTHRISCUS CEREFOLIUM*) ANNUAL  
The leaves and flavor resemble parsley, but with a hint of anise. Its leaves taste best before flowering, so pinch off blooms for a continuous supply. Requires cool, moist conditions; spring and fall plantings. Self-sows generously. 1-2' high.  
**350 seeds - \$1.95**

## CHIVES



**551. CHIVES**  
(*ALLIUM SCHOENOPRASUM*) PERENNIAL  
Onion-like flavor comes from the tops which are generally chopped fine. Used in sour cream, cream cheese, soups, etc. The light lavender flowers can be added to your favorite salad, just break the head apart. Zones 4-9.  
**100 seeds - \$1.95**



**557. GARLIC CHIVES**  
(*ALLIUM TUBEROSUM*) PERENNIAL  
Chinese leeks. Resembles chives but leaves are flatter and more grass-like. Doesn't spread as rampantly as its cousin either. Lovely as an ornamental with white flowers arranged in a half-sphere on very straight stems. Blooms in August and grows to 2'. Has mild garlic flavor. Zones 4-9. **100 seeds - \$1.95**

## CILANTRO



**W554. LARGE LEAF**  
(*CORIANDRUM SATIVUM*) ANNUAL  
A special variety bred to maximize foliage production and not bolt. In our trials, produced three times the yield of regular cilantro over a much longer period. Often used in combination with tomatillo, tomatoes, and chiles, creating unforgettable sauces. Also known as Mexican parsley or Chinese parsley.  
**150 seeds - \$1.95**

## CUMIN



**W625. CUMIN (110-115 DAYS)**  
(*CUMINUM CYMINUM*) ANNUAL An important spice in curries and Indian cuisine. Cumin requires a long growing season so start early in the North.  
**100 seeds - \$1.95**



**522. BLACK CUMIN**  
(*NIGELLA SATIVA*) ANNUAL  
Also called nutmeg flower and roman coriander, plants are 1' tall with 1" whitish green flowers that produce a large seed pod. Use is primarily culinary, seeds are spicy and aromatic and used in breads and cakes much as you would poppy seeds. **100 seeds - \$1.95**

DILL C 



**52505G. THALIA NEWI**  
Unlike other varieties of Dill, this one is much slower to bolt! Produces beautiful ferny greens that radiate that classic dill smell we all love. Cut as often as needed for fresh dill and allow it to regrow for a continuous crop during the growing season. **150 seeds - \$2.50**



**82605. COMPATTO**  
(*ANETHUM GRAVEOLENS*) ANNUAL  
This shorter dark green dill grows to 18-20" and was bred for growing in pots. Even if you have a large garden nearby wouldn't it be nice to have a pot of dill near the kitchen?  
**50 seeds - \$1.95**



**52502. FERNLEAF**  
(*ANETHUM GRAVEOLENS*) ANNUAL  
This 1992 All-American Selections Winner was bred small so it could be grown in containers and small gardens. In addition to pickles, it will make a welcome addition to salads and it is a lovely ornamental plant with yellow flowers, deep green foliage, and compact growth habit.  
**150 seeds - \$1.95**



**52501. DUKAT STRAIN**  
(*ANETHUM GRAVEOLENS*) ANNUAL  
An improved, triploid strain with excellent flavor. This strain is much leafier and slower to bolt than regular dill. **150 seeds - \$1.95**



**52503. MAMMOTH**  
(*ANETHUM GRAVEOLENS*) ANNUAL  
Superior dill that grows up to 6'. Grows an extra amount of lush airy foliage plus produces giant flowers with the seed umbels sometimes reaching 15"-18" across. Highly attractive dill that calls forth the beneficial insects, persuading them to visit your vegetable and flower garden.  
**100 seeds - \$1.95**

ECHINACEA M 



**48003. NARROW LEAF ECHINACEA**  
(*ECHINACEA ANGUSTIFOLIA*) PERENNIAL  
True medicinal echinacea, 3-4' tall, covered with pale pink to violet 2" blooms. Widely used by the Plains Indians, in use today as an antibacterial, immune system stimulant, and insecticide. Seeds best cold treated prior to planting. The root of the plant is the primary medicinal contributor. Zones 3-7. **50 seeds - \$2.50**

ELECAMPANE M



**48004. ELECAMPANE**  
(*INULA HELENIUM*) PERENNIAL  
Grows to 8' tall with many side branches and numerous bright yellow flowers from mid to late summer. Full sun to partial shade. Roots are used medicinally as an expectorant with antibacterial and antifungal properties. As a dye plant, the roots yield a blue dye and the flowers a yellow-orange dye. Zones 3-9. **50 seeds - \$1.95**

EPAZOTE C



**57506G. EPAZOTE**  
(*DYSPHANIA AMBROSIOIDES*) ANNUAL  
Native to Central and South America, this Mexican herb's flavor is very fresh with a decided edge and aftertaste. Used in a variety of sauces, particularly with black beans, corn, mustard, and seafood dishes. Harvest around 50-55 days.  
**100 seeds - \$2.75**

FENNEL C 



**527. FENNEL**  
(*FOENICULUM VULGARE*) ANNUAL  
Fennel is a tender perennial making it through the winter here about 50% of the time. Grown for its anise-flavored seeds on 3-4' plants. Decorative fern-leaved plants can be started indoors or out and grown as an annual in colder parts of the country. Zones 7-10.  
**50 seeds - \$1.95**



**528. BRONZE**  
(*FOENICULUM VULGARE VAR.*) ANNUAL  
A dramatic landscape plant as well as a culinary herb. The brownish bronze color is truly unique in our experience and deepens as the season wears on. The flavor and uses are similar to those for regular fennel. Tender perennial. Zones 7-10. **50 seeds - \$1.95**

FEVERFEW M 

(*TANACETUM PARTHENIUM*) PERENNIAL A southeastern European native with small, cheery white flowers and tiny yellow centers that bloom in midsummer. Grows to 2 feet, blooms the first season from seed started indoors and has long stems, making a good cut flower. Historically feverfew was valued for treating migraines, allergies, and arthritis. Zones 5-9.



**479. WHITE POMPON**  
(double flower)  
**50 seeds - \$1.95**



**47902. FEVERFEW**  
(single flower)  
**200 seeds - \$1.95**

FLAX M C 



**526. FLAX**  
(*LINUM USITATISSIMUM*) ANNUAL  
A 3ft plant with sky blue flowers, Flax is cultivated for its fiber, edible seeds and oil. Its fiber from the stem is made into linen fabric, linseed/flaxseed oil is produced from the pressed seeds and the nutty tasting seeds have many health benefits. Medicinally it has anti-inflammatory, laxative and expectorant properties. **500 seeds - \$1.95**

FENUGREEK M C



**481. FENUGREEK**  
(*TRIGONELLA FOENUM GRAECUM*) ANNUAL  
Annual from the Legume family is easy direct seed. Plants grow 1' 1/2" - 2' tall. Used to treat indigestion and symptoms of menopause due to the hormone-like substance diosgenin. Also useful for headaches. Leaves are a welcome addition to any salad and used to flavor curry dishes. **100 seeds - \$1.95**

GERMANDER 



**53001. GERMANDER**  
(*TEUCRIUM CHAMAEDRYS*) PERENNIAL  
Native to the Mediterranean area, this evergreen perennial is known for its use in formal ornamental knot gardens. Germander has tiny scallop edge leaves, like oak leaves, and deep pink flower spikes arrive later in the season, blooming for 4 weeks and calling in beneficial insects. Forms a woody, low growing plant, reaching 12-14" and can be pruned to desired shapes. Tolerates less than ideal conditions, needing only full sun and well drained soil. Resistant to deer and rabbits. Zones 5-9. **30 seeds - \$1.95**

HENNA



**492. HENNA** (*LAWSONIA INVERMIS*) PERENNIAL Used since ancient times to color hair, skin, nails, and fabric, henna produces an orange to brown dye. The waxy green leaves, stems, and pink, yellow or white flowers are used in perfumes. Also makes a good houseplant. Germinate in moist paper towels in the refrigerator for 4 days and then transfer to a warm spot. Zones 9-11. **50 seeds - \$1.95**

HIBISCUS M C

## 53004. ROSELLE (70-90 DAYS)

*(HIBISCUS SABDARIFFA)* ANNUAL

An Old World plant, used for teas, beverages, jellies and more. Leaves, seeds, fruits and roots are edible and can be used medicinally, store frozen or dried. The leaves can be used cooked or raw, all parts have a sorrel/rhubarb like flavor. Separate the seeds from the calyx, roast and brew them for a coffee substitute. As a tropical plant it needs full sun, well-drained fertile soil and ample water. **15 seeds - \$3.50**

HOREHOUND M

## 482. WHITE HOREHOUND

*(MARRUBIUM VULGARE)* PERENNIAL

Plants are 2' tall with fuzzy gray-green leaves and small white flowers. Likes full sun, dry soil. Used for coughs and colds. Zones 4-9. **70 seeds - \$1.95**

HYSSOP M

## 48201. HYSSOP

*(HYSSOPUS OFFICINALIS)* PERENNIAL

Pretty, shiny-leaved herb growing to 2'. Bluish-pink flowers bloom in later summer. Very aromatic, reminiscent of basil; flowers are used in potpourris. Medicinally, it is used for colds, flu, and bronchitis as it has some anti-viral properties. Zones 4-9 **100 seeds - \$1.95**

## INDIGO



## 494. INDIGO

*(INDIGOFERA TINCTORIA)* PERENNIAL

Tender perennial grown as an annual in the North. Start indoors and transplant to a sunny spot. The 2-3' shrub will be covered with flesh colored pea-type blooms that produce short woody pods. While in flower, harvest the leaves for a beautiful blue dye. Zones 8-11. **25 seeds - \$1.95**

LAVENDER M C56701. HIDCOTE BLUE (*LAVANDULA ANGUSTIFOLIA*) PERENNIAL

A dwarf variety having deep purple to navy blue flowers with a compact and vertical habit. An extremely aromatic variety that grows well as a border plant. Zones 5-9. **100 seeds - \$2.25**



## 565. MUNSTEAD STRAIN

*(LAVANDULA ANGUSTIFOLIA)* PERENNIAL

A dwarf, it is earlier than Lavender Vera with thicker, denser foliage. This long time favorite is also covered with deep purple flowers on plants just 18" tall. Zones 5-9. **100 seeds - \$2.25**



## 567. VERA

*(LAVANDULA ANGUSTIFOLIA)* PERENNIAL

Original species of English lavender. This lovely plant, when dried, is fragrant and repels insects. Seeds take a long time to germinate, so start indoors and keep moist. Plant is 2 1/2-3' tall with fine needle-like foliage. Zones 5-9. **100 seeds - \$2.25**

LAVENDER COTTON M

## 586. LAVENDER COTTON

*(SANTOLINA TOMENTOSA)* PERENNIAL

Foot tall foliage resembles a miniature evergreen tree. The fragrant foliage is deeply divided and colors vary from green to silver. Small yellow flowers appear in July and August. Zones 6-9. **25 seeds - \$1.95**

LEMON BALM M C

## 56904. MANDARINA NEWI

*(MELISSA OFFICINALIS)* PERENNIAL

Fruity, orange scent that is a must have in your herb garden. Lemon balm is known for its calming effect when used in warm or cold teas. Can be planted in containers or directly in the garden. Has a lower, more spreading growth habit than traditional lemon balm. Flowers attract bees. Zones 4-9. **25 seeds - \$2.95**



## 569. LEMON BALM

*(MELISSA OFFICINALIS)* PERENNIAL

A lovely fragrant herb growing to 1 1/2'. This perennial germinates slowly but grows quickly. The fresh, tangy lemon-flavored leaves are used for a relaxing tea and to give lemon flavor to poultry and other dishes. Zones 4-9. **100 seeds - \$1.95**



## 56902. CITRONELLA

*(MELISSA OFFICINALIS)* PERENNIAL

Bursting with a soothing scent, this is the most fragrant, flavorful variety available. A lush, bushy growth habit with flowers that attract bees and butterflies. Use in herbal teas, or fish dishes, or plant in a pot as a mosquito repellent for your outdoor sitting area. Zones 4-9. **50 seeds - \$1.95**

LEMON GRASS M C

## 52802. LEMON GRASS

*(CYMBOPOGON FLEXUOSUS)* PERENNIAL

East India lemon grass, native to India, Burma, and Thailand. Plants grow to 3' in height. Most often used in perfumes but it is also good for flavoring food. Zone 8-11. Has a natural germination rate around 50%. **50 seeds - \$1.95**

LOVAGE C

## 571. LOVAGE

*(LEVISTICUM OFFICINALE)* PERENNIAL

Handsome plant may grow to 6' and its leaves resemble those of celery. The flavor is similar to, but stronger than, that of celery. Use leaves sparingly to flavor soups. Eat young leaves in salad. Zones 4-8. **100 seeds - \$1.95**

## MARGUERITE



## 496. GOLDEN MARGUERITE

*(ANTHEMIS TINCTORIA)* PERENNIAL

Also known as dyer's chamomile, hardy perennial grows to 3' tall with abundant dark yellow daisy-like flowers above lacy foliage. Produces a yellow, buff, or orange dye depending on the mordant used. Also makes a nice cut flower. Zones 3-7. **50 seeds - \$1.95**

MARIGOLD C

## 48303. MEXICAN MINT

*(TAGETES LUCINDA)* ANNUAL

Also known as Mexican Tarragon, Sweet Mace or Spanish Tarragon. Edible golden flowers and foliage have an anise flavor, slightly hinted with citrus. Used in gourmet dishes and can be substituted for French tarragon. Holds its simple bright flowers for a long time and is beautiful in herb, flower or container gardens. Zones 8-11. **50 seeds - \$2.25**



## MARJORAM

C



## 531. MARJORAM

*(ORIGANUM MAJORANA)* ANNUAL

About 2' high with a soft, sweet fragrance and pleasant flavor. Used as a flavoring for peas, pork, and sausage. Gray-green colored foliage provides an interesting color contrast in borders. Hardy to Zone 9. 300 seeds - \$1.95

## MARSHMALLOW

M



## 483. MARSHMALLOW

*(ALTHAEA OFFICINALIS)* PERENNIAL

4' plants with 1-2" pink flowers. Sun or partial shade and likes wet feet. Used for stomach and urinary tract problems, also soothes skin ailments. Slow to germinate. Zones 4-9.

75 seeds - \$1.50

## MINT

M

C



## 585. MINT

*(MENTHA PIPERITA)* PERENNIAL

Covered with 3", lance shaped leaves of wrinkled texture, bearing pink to white blooms on the terminal spikes throughout the summer. Easy to grow, dependable and used in jellies, and sauces. Mint can be a bit invasive but a pot or small planting is an essential ingredient of any herb garden. Zones 3-11.

100 seeds - \$1.95

58503. SPEARMINT **NEW!***(MENTHA SPICATA)* PERENNIAL

Sweeter, smoother taste compared to other mints. A lower grower than other mints and performs well in part shade. Use fresh or dried, harvest the leaves before it flowers. Used traditionally for herbal tea, flavoring gum and tooth paste, mojitos and mint juleps. It does spread, and if you don't want it to wander, it is recommended to plant it in a container. Zones 4-10. 100 seeds - \$1.95



## 58501. CORSICAN MINT

*(MENTHA REQUIENII)* PERENNIAL

The smallest member of the mint family, also known as mini mint. Diminutive mint creeps along, hugging the ground with its deeply scented leaves and tiny purple flowers. Leaves are not as palatable as peppermint but release a more intense scent and used as flavoring of creme de mint. Likes a moist, dappled light location, can be used in containers or as a filler around stepping stones. Grown as an annual, it will often self-seed in colder zones. Zones 6-9. 10 multi-seed pellets - \$2.50



## 58502. MOUNTAIN MINT

*(PYCNANTHEMUM PILOSUM)* PERENNIAL

Native to eastern North America this rustic mint is valued for its nectar rich flowers, attracting beneficials into the garden space. Grows to 3-4 feet, forming multiple tiers of small white flowers speckled with lavender. Leaves can be used for tea and when crushed have a spicy mint flavor, also said to help repel insects. Place this pollinator attractor along the edges of a woodland or back border of the garden. Full to part shade. Zones 4-8.

100 seeds - \$1.95

## MOTHERWORT

M



## 484. MOTHERWORT

*(LEONURUS CARDIACA)* PERENNIAL

Grows 2-3' tall with small purple flowers in whorls along the stem. It has been thought to benefit the heart. Also relieves nervous tension and menopausal symptoms. Zones 4-8.

50 seeds - \$1.95

## MUSTARD

C

ANNUAL So easy to grow, harvest and to produce your own unique gourmet, mustard blend. Harvest just as pods develop a brown tinge. Hang to dry for a few weeks then shake vigorously to release the seeds. Store seeds in an airtight jar. 50 seeds - \$1.95



## 53201. WHITE MUSTARD

*(SINAPIS ALBA)*

Mildest.



## 53203. BROWN MUSTARD

*(BRASSICA JUNCEA)*

Mildly pungent.

## OREGANO

C



## 575. OREGANO

*(ORIGANUM VULGARE)* PERENNIAL

This perennial herb can grow to a height in excess of 2 ft. The leaves are used fresh or dried. Zones 4-8. 200 seeds - \$1.95



## 55901. ZAATAR

*(ORIGANUM SYRIACUM)* ANNUAL

This oregano relative is native to the Mediterranean and has been used for centuries as a culinary and medicinal herb. The velvety gray-green leaves are highly aromatic and have the blended flavor of marjoram, thyme and oregano. Add this savory taste to vegetable and meat dishes, hummus, flatbreads and soups. Tender perennial grown as an annual. Start indoors in the north. Grows to 24 inches. Zones 9-11.

50 seeds - \$3.25



## 559. GREEK OREGANO

*(ORIGANUM HERACLEOTICUM)*

PERENNIAL

True oregano flavor that we have come to associate with pizza sauce and other Italian dishes. Form is upright with a low-growing spreading habit just 6-8" tall. Pungent, dull green leaves exhibit some purpling at the tips with white flowers. Winter mulch is helpful in the north. Zones 5-10. 200 seeds - \$1.95

## PARSLEY

C

541. FLAT LEAF *(PETROSELINUM CRISPUM*  
VAR. *NEAPOLITANUM)* BIENNIAL

Also called Italian parsley, uses are similar to the curly variety but flavor is a bit stronger. Plants are 1' tall and produce sprigs of large, flat leaves all season. Preferred in Italian cooking. Zones 5-9. 300 seeds - \$1.95



## 543. TRIPLE CURLED

*(PETROSELINUM CRISPUM)* BIENNIAL

Used as a garnish or like other greens. High nutritional value, with a long history of medicinal uses. Parsley is a biennial but is usually grown as an annual for the foliage. Zones 5-9. 300 seeds - \$1.95

## PENNYROYAL



**577. PENNYROYAL**  
(*MENTHA PULEGIUM*) PERENNIAL  
Member of the mint family. Creeping plant spreads quickly and sends up 6" lilac flower stalks. Not reliably hardy in the north. Pennyroyal has a strong mint odor, and is used as an insect repellent. Zones 6-9.  
**200 seeds - \$1.95**

ROSEMARY M C

**579. ROSEMARY**  
(*ROSMARINUS OFFICINALIS*) PERENNIAL  
Evergreen with numerous medicinal uses. Fragrance and texture make it valuable for sachets and potpourris. In the kitchen, used with pork, veal, chicken and in vinaigrettes. Needs some winter protection or can be brought indoors in the North. Zones 7-9.  
**100 seeds - \$2.95**

RUE C

**581. RUE**  
(*RUTA GRAVEOLENS*) PERENNIAL  
A woody perennial with unusual grey-green leaves finely lobed and fluted. Rue may grow to 3' and is beautiful used as an ornamental. Leaves are very aromatic and taste bitter; flowers are small and yellowish-green. Zones 4-9.  
**50 seeds - \$1.95**

SALAD BURNET C

**545. SALAD BURNET**  
(*POTERIUM SANGUISORBA*) PERENNIAL  
A pretty perennial that grows about 1' tall and produces white or rosy flowers. Leaves are used in salads for their cucumber-like flavor. Zones 4-8. **50 seeds - \$1.95**

SAGE M C

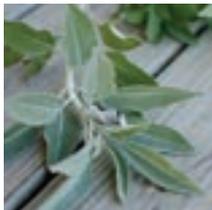
**584. CLARY SAGE**  
(*SALVIA SCLAREA*) BIENNIAL  
Hardy biennial with large 'fuzzy' silvery-gray leaves. Deer resistant and medicinal uses. The second year, it sends up handsome 3' stalks of purple and white flowers. Zones 6-9. Cannot be shipped to WA. **50 seeds - \$1.95**



**539. SILVER SAGE**  
(*SALVIA ARGENTEA*) BIENNIAL  
Produces a rosette of gray-green woolly leaves that beg to be touched. This relative of Clary Sage can grow to a width of 30" and flowers can be cut back to enhance the appearance of the foliage. Zones 5-8.  
**25 seeds - \$1.95**



**583. SAGE**  
(*SALVIA OFFICINALIS*) PERENNIAL  
The broad grey-green leaves and beautiful purple flower spikes make this a fantastic ornamental. Grows 1-2' tall, used fresh or dried in poultry and pork dishes. Zones 3-10.  
**50 seeds - \$1.95**



**582. WHITE SAGE**  
(*SALVIA APIANA*) PERENNIAL  
Aromatic with white, felt-like foliage. Toss cuttings on the grill to flavor cooking or use large stems to add an interesting flavor to shish kabobs. Native Americans burned the plant in ceremonies and made tea from the leaves. Seeds were toasted and ground for cereal. Zones 6-11. **50 seeds - \$2.25**

ST. JOHN'S WORT M

**48402. ST. JOHN'S WORT**  
(*HYPERICUM PERFORATUM*) PERENNIAL  
Shrubby perennial grows to 1 1/2' tall and produces clusters of yellow flowers. In use since biblical times, it is thought to be named after St. John the Baptist. While it has been used for kidney and pulmonary problems the most common use is a mood enhancer to combat anxiety and depression. Zones 4-9.  
**100 seeds - \$1.95**

SAVORY C

**529. SUMMER SAVORY**  
(*SATUREJA HORTENSIS*) ANNUAL  
Bushy, attractive herb growing to 12" high. Pungent leaves used in stews and gravies. Sweeter and more delicate than winter savory.  
**500 seeds - \$1.95**



**591. WINTER SAVORY**  
(*SATUREJA MONTANA*) PERENNIAL  
Deep green glossy-leaved plant grows to 1' tall. The tiny purple flowers bloom in mid-summer. Stronger flavor than summer savory. Both herbs are traditionally used to flavor beans. Zones 5-8. **100 seeds - \$1.95**



**52901. LEMON SAVORY**  
(*SATUREJA MONTANA* VAR. *CITRIODORA*) PERENNIAL  
A lemon-scented version of winter savory with a pleasant lemon fragrance and flavor. Harvest before it puts out its pinkish-white flowers in mid to late summer. Use fresh or dry for storage. Grows to 9-12". Zones 5-8. **100 seeds - \$2.25**

SHISO C

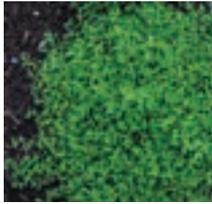
**W462. SHISO - RED**  
(*PERILLA FRUTESCENS*) ANNUAL  
Leaves of this Asian herb are dark purplish-red and curly. Grows to 4' high, very striking as an ornamental. Flavor is hard to describe, some say it is like coriander, others notice a basil-like or cinnamon flavor. Leaves are used fresh to season fish. Flowering shoots are fried in tempura, or used in soups. The seeds are ground and are one of the "seven spices". **300 seeds - \$1.95**

SPILANTHES M

**48403. TOOTHACHE PLANT**  
(*SPILANTHES ACMELLA*) ANNUAL  
Interesting olive shaped flowers with a burgundy eye and spreading bronze green foliage. Used as an annual in colder climates. Leaves and flowers numb the mouth, fresh or dried. Anti-inflammatory, antibacterial and anti-fungal properties. Zones 9-11. **50 seeds - \$2.25**

STEVIA C

**535. STEVIA**  
(*STEVIA REBAUDIANA*) PERENNIAL   
The leaves are 200-300 times sweeter than sugar. It is native to South America. Likes full sun, good drainage and grows to 3'. If grown as a houseplant, it will go dormant in the winter. Pinch off flowers as the plant dies after blossoming. A tender perennial best grown as an annual. Zones 9-10. **15 seeds - \$3.50**

THYME C

**59002. CREEPING THYME**  
(*THYMUS SERPYLLUM*) PERENNIAL  
Grown as a ground cover, filling in spaces quickly. A sea of lavender-pink flowers arrives mid-summer completely covering the plant, attracting bees and butterflies. Useful for borders, rock gardens, and stone path plantings. Grows to 6". Zones 5-8. **100 seeds - \$1.95**



**59003. ORANGE THYME**  
(*THYMUS FRAGRANTISSIMUS*) PERENNIAL  
Releases an orange intermingle with pine fragrance, adding a unique savory flavor to dishes like stews and roasted vegetables. Low growing, 6-10" with wiry stems, gray-green leaves, and pale pink blossoms. Zones 5-10. **50 seeds - \$4.95**



**589. COMMON THYME**  
(*THYMUS VULGARIS*) PERENNIAL  
Forms a low-growing mound of dark green for a beautiful ornamental effect. Tiny leaves are fragrant and pungent with a tangy flavor that enhances a variety of dishes. Covered with tiny white flowers in the summer. Zones 5-9. **100 seeds - \$1.95**



**59001. FRENCH THYME**  
(*THYMUS VULGARIS*) PERENNIAL  
Also known as Summer Thyme, it is hardy to zone 6, maybe zone 5 with some protection. The upright stems with small gray-green leaves are very aromatic and flavorful. The variety preferred by chefs. **50 seeds - \$1.95**



**590. MAGIC CARPET THYME**  
(*THYMUS SERPYLLUM*) PERENNIAL  
This variety forms a 2" high compact carpet of tiny, slightly woolly green leaves. It is covered with small carmine pink flowers from May to June. Zones 4-8. **50 seeds - \$1.95**

VALERIAN M

**485. VALERIAN**  
(*VALERIANA OFFICINALIS*) PERENNIAL  
Plants grow to 5' tall with white, pink, or lavender flowers. The root is of the greatest benefit, harvested from 2 year old plants. A natural tranquilizer, it reduces anxiety and is used for insomnia. Zones 4-7. **50 seeds - \$1.95**

WOAD M

**493. WOAD**  
(*ISATIS TINCTORIA*) BIENNIAL  
3' bush covered with small yellow flowers, produces deep purple pods. A lovely blue dye is obtained from the leaves. It is also used as an antibiotic by the Chinese. Zones 4-8. Cannot be shipped to WA. **25 seeds - \$1.95**

WORMWOOD M

**48501. WORMWOOD**  
(*ARTEMISIA ABSINTHIUM*) PERENNIAL  
Wide spreading, woody perennial growing to 5' tall. Leaves are silver-gray, fern-like with a citrusy fragrance and tiny yellow flowers in summer. Used as a moth repellent and dried for wreaths and arrangements. Medicinally helps prevent gallstones and is used as a treatment for worms. Invasive and prohibited in some states. Zones 4-8. **300 seeds - \$1.95**

## TOBACCOS

We offer the following selection of tobacco seeds to growers who wish to control the production of their own tobacco to ensure exactly what is, and what is not, in the leaves they produce. All of our seed comes from grower Jim Johnson of Gautier, Mississippi. Seeds are quite tiny and while the guaranteed minimum is 50 seeds, most packets contain well over a hundred. Should be started indoors early in the spring and transplanted in the same way as eggplant, tomatoes, peppers, etc. Plants can grow to over 5' so each plant merits a couple square feet of space.

**50 TOBACCO SEEDS - \$4.50 PER PACKET**

**TA101. GOLD SEAL SPECIAL BURLEY - SMOKING TOBACCO**

An upright variety with abundant leaves, Gold Seal grows vigorously to heights in the 5' range and produces heavily. Leaves cure to a lovely golden hue.

**TA05. ORINOCO - PIPE TOBACCO**

A tall plant with thick, textured, leaves that produces a rich brown tobacco favored by millions of pipe smokers. Orinoco also makes a good blending tobacco for cigars and cigarettes.

**TA78. PARIS WRAPPER - SMOKING TOBACCO**

The name comes from the fact that the long, narrow leaves are ideal as cigar wrappers. But for this purpose this variety would probably have to be shade grown. It is also a fine smoking tobacco, producing an abundance of flavorful leaves on large, sturdy plants.

**TA202. VIRGINIA GOLD - SMOKING TOBACCO**

There is a body of opinion that the best tobaccos are still produced in Virginia where commercial production originated. The 5' plants are heavy producers of a very light gold leaf which is mild and smooth in flavor.

**TA110. GREENWOOD DARK - CHEWING TOBACCO**

Medium, smooth leaves cure to an impressive dark brown with a fine chewing tobacco flavor. You can cure to an impressive yield from Greenwood Dark.

**TA77. GOLD DOLLAR - SMOKING TOBACCO**

Flue cure type that matures earlier than any other variety that we are familiar with. It is ideal for a short growing season - you can usually harvest leaves 2 weeks earlier than other strains. The yield of golden brown leaves is also heavy, making this an ideal choice for both cigarettes and pipes.

**665. WILD WILD/NATIVE TOBACCO (NICOTIANA RUSTICA)**

The 2-3' plants produce abundant rounded 8-10" leaves and small greenish yellow flowers. This is the original tobacco smoked by our Native American forebears in ceremonies. **50 seeds - \$1.75**

**TA40L. CULTIVATORS HANDBOOK**

With a reverence for the beauty of Nicotiana, Bill Drake writes a comprehensive handbook for the grower of tobacco. Drake advises farmers, step by step, on how to produce organic tobacco products for individual consumption, or as a small cottage industry. Although the growing, curing, flavoring, and cutting procedures abundantly described herein are essential to an ingestible product, we found the prose delightful, with records of past practices and the influence of religious and political powers on the distribution of tobacco. **Softcover 8" x 10" - 166 pages - \$19.95**



# Flower Seeds



We offer a wide selection of both annuals and perennials; unique varieties are our focus, with some challenging and others more common. Whatever your experience level, you will find something beautiful to cultivate in your own garden. Many cannot be found in greenhouses or nurseries— how enticing to have a garden filled with uncommon flowers!

AS MOST SEEDS ARE PACKED BY HAND, FLOWER SEED COUNTS ARE APPROXIMATE.

## ACHILLEA

Start indoors 6-8 weeks before last frost. Sow on the surface and press into soil, seeds need light to germinate. Provide 60-65 F soil temperature. Direct sow outdoors in early spring or fall. Transplant 12-18" apart. Blooms in the second year. Germ 7-21 days.



### 70501. WHITE YARROW

PERENNIAL (ACHILLEA MILLEFOLIUM)

A common wildflower and a magnet for native pollinators. Plants form a dense mat of lacey foliage first with the highly aromatic, sweet-scented flowers arriving in midseason. An excellent companion plant; foliage wards off garden pests and flowers attract the helpful ones. Also known for its powerful herbal properties. Drought tolerant great for dry sunny spots. Grows to 24-36". Zones 3-8. 200 seeds - \$1.95



### 705. SUMMER PASTELS YARROW

PERENNIAL (ACHILLEA MILLEFOLIUM)

The 3' high plants carry a multitude of 4" flatten clusters, blooming in shades of rose, pink, apricot to cream. Plant in groups for the most effective display. This variety dries well for arrangements and nice for fresh cut flowers. Zones 3-8. 25 seeds - \$2.25

## AGERATUM

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75 F soil temperature. Transplant 8-12" apart after last frost. Blooms in 90-100 days. Germ 5-10 days.



### 60104. HIGH TIDE BLUE

ANNUAL (HOUSTORIANUM)

These bright blue blossoms on 14-16" tall plants create a lovely border. Popular for its unique blue, soft, furry flowers and long bloom time. Makes a nice counterpoint to the other colors in a bed. Deadheading of the older blooms helps to keep this plant looking great. 10 Pelleted seeds - \$3.95



### 60102. DONDO BLUE

ANNUAL

A profusion of fuzzy flower clusters lasting all season, providing colorful accents when placed in a bedding garden or mixed containers. A great filler in bouquets, growing to have long 2 1/2 - 3' stems. Easy to grow and deer resistant. Self seeds. 50 seeds - \$1.95

LOOK FOR THESE ICONS THROUGHOUT THE CATALOG FOR USAGES & TIPS!



ORGANIC

NEW!

NEW ITEM



EASY TO GROW



BEST FOR CONTAINERS



BEE FRIENDLY



FULL SUN



LIGHT/PART SHADE



FULL SHADE

ALYSSUM   

Start indoors 4-6 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-75 F soil temperatures. Direct sow outdoors around last frost. Sow again in midsummer for late blooms. Transplant 6-8" apart after last frost. Blooms in 50-60 days. Germ 7-10 days.



**602. CARPET OF SNOW**  
ANNUAL (*LOBULARIA MARITIMA*)  
Tiny white flowers blanket these 6" plants very quickly. Phenomenal spreader, one plant can grow a foot wide. Hardy annual, plant seedlings out a few weeks before frost for very early blooms. Keeps blooming through many frosts in fall too. **80 seeds - \$2.00**



**60201. ROYAL CARPET**  
ANNUAL (*LOBULARIA MARITIMA*)  
Provides the same impressive carpet of blooms as Carpet of Snow, but in a bright purple. Showy. **80 seeds - \$1.75**

AMARANTH   

Start indoors 4-6 weeks before last frost. Sow on surface and lightly cover. Provide 65-75 F soil temperature. Direct sow outdoors after last frost. Sow lightly, thin to 12-18" apart. Transplant 12-18" apart after last frost. Blooms in 60-75 days. Germ 10-15 days.



**945. LOVE LIES BLEEDING**  
ANNUAL (*AMARANTHUS CAUDATUS*)  
Grown for its color. Leaves are reddish and the plant produces long, drooping clusters of blood red flowers. Grows 36"-60". **100 seeds - \$1.75**



**606. VIRDIS**  
ANNUAL (*AMARANTHUS CAUDATUS*)  
Long and cascading lime green tassels can reach the ground having a tropical, elegant appearance. It visually softens a garden planted with the bright colors of yellows and oranges. Grows 36"-60". **100 seeds - \$1.75**



**60601. SPLENDENS PERFECTA**  
ANNUAL (*AMARANTHUS TRICOLOR*)  
Also known as Summer Poinsettia, Joseph's Coat or even Chinese Spinach, Amaranths are grown for their distinctive foliage. Plants are a foot and a half tall and covered with large, color-changing leaves. Foliage presents a splendid tricolor effect of yellow, green and red colored bracts. Grows to 24"-48". **50 seeds - \$1.75**



**946. ELEPHANT HEAD**  
ANNUAL (*AMARANTHUS CAUDATUS*)  
Huge dark burgundy red plumes look as if an elephant is raising its trunk into the air. A long time bloomer that grows to 5', grabbing attention in the garden. It is also an excellent cut flower. An heirloom that was brought here from Germany in the 1880's. **100 seeds - \$2.00**

AMMI MAJUS   

Start indoors 6-8 weeks before last frost. Sow outdoors 1-2 weeks before last frost date. Use peat, cow, or paper pots for the most successful transplanting (grows a delicate taproot). Provide 55-65 F soil temperatures. Direct sow outdoors 1-2 weeks before last frost date. Sow a few seeds every 3-6". Transplant 6-12" apart after last frost. Blooms in 65-75 days. Germ 7-25 days.



**605. BISHOP'S FLOWER**  
ANNUAL (*AMMI MAJUS*)  
Long used by florists as a substitute for Queen Anne's Lace. Plants are 2 1/2' tall carrying double umbels of tiny white flowers that are more open than its relative. Self seeds once established. **100 seeds - \$1.50**

ANCHUSA 

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70 F soil temperature. Direct sow outdoors after last frost, spacing 3-5 seeds every 8-12". Transplant 10-12" apart. Blooms mid to late summer. Germ 7-30 days.



**70702. DAWN MIX**  
ANNUAL (*CAPENSIS*)  
Alkanet or wild bugloss. Truly wonderful and very underused. Perfect plant for the border of a cottage style garden with deep azure blue, pink and white flowers that stand out, blooming for a very long time. An easy plant to grow, all it needs is average to dry soil - definitely not high-maintenance. Grows to 12". **50 seeds - \$1.50**

ANGELONIA   

Start indoors 6-8 weeks before the last frost. Sow on surface and press into soil, seeds need light for germination. Provide 70-75 F soil temperature. Direct sowing not recommended. Grows to 16-20". Transplant 8-12" apart. Blooms in 90-100 days. Germ 4-10 days.



**60901. SERENA MIX**  
ANNUAL (*ANGUSTIFOLIA*)  
Also known as summer snapdragon. You will be impressed by the carefree blooms throughout the summer. First Angelonia series available from seed. Easy to start with low maintenance; grows quickly, branches out without pinching back, has low water needs and loves the heat. Compact, upright plant forming spikes in mellow shades of pink, purple, and white. Use in containers or plant in masses. Grows 14-20" h x 12-14" w. Hybrid. Perennial zones 8-11. **10 pelleted seeds - \$4.50**

AQUILEGIA   

Start indoors 8-10 weeks before last frost. Cold treat seed by sowing into moist soil or paper towel, wrap in a clear plastic bag and place in refrigerator for 2-3 weeks. Provide 65-75 F soil temperatures until germination. Direct sow outdoors in early spring or early fall, spacing 5-7 seeds every 6". Transplant 10-12" apart. Blooms in second year. Germ 14-30 days.



**70802. MCKANA GIANTS**  
PERENNIAL (*CAERULEA*)  
Columbine. Large flowers with long-spurred petals in white, crimson, purple and yellow. Many flowers are two-colored. Height 2-3'. Zones 3-8 **100 seeds - \$1.95**

ASCLEPIAS   

Start indoors 8-10 weeks before last frost. Cold treat seed by sowing into moist soil or paper towel, wrap in a clear plastic bag and place in refrigerator for 2-3 weeks. Provide 65-75 F soil temperatures until germination. Direct sow outdoors in early spring or early fall, spacing 3-5 seeds every 12". Transplant 12-18" apart. Blooms in second year. Germ 14-30 days.



**71303. HELLO YELLOW MILKWEED**  
PERENNIAL (*TUBEROSA*)  
Golden yellow flowers are displayed in a flat-topped arrangement. Provides a nectar-rich feast for a variety of pollinators, especially the monarch butterfly. Easy to maintain, long-lived perennial likes full sun in well-drained, even gritty soil, and tolerates dry conditions. For long lasting cut flowers sear the ends of the stem with a flame. Stimulate a second bloom cycle by deadheading. Grows to 20". Zones 3-8. **40 seeds - \$4.95**



**71305. ICE BALLET MILKWEED**  
PERENNIAL (*ASCLEPIAS INCARNATA*)  
The sweet nectar of the snow-white flowers lures in pollinators. Easy to care for milkweed that grows to 36-42", prefers a sunny spot and moist soil; although we found it could take our average to dry soil quite well too. Use as a backdrop border plant, grow along the edge of ponds, or in low spots and of course in butterfly gardens. This is a white flower form of Red Swamp Milkweed. Zones 3-9. **40 seeds - \$3.50**



**711. BUTTERFLY WEED**  
PERENNIAL (*TUBEROSA*)  
Butterflies are attracted to asclepias, hence the common name. Vigorous, hardy and rugged grower, plants are about 2' tall and can become invasive. Spiky leafed stem carries large bracts of dozens of red buds that turn orange as they open. Prefers full sun and a well-drained soil. Interesting, long lasting cut flower, the seedpod can also be useful as an everlasting. Zones 4-8. **40 seeds - \$2.25**



**71201. RED SWAMP MILKWEED**  
**PERENNIAL (INCARNATA)**  
 5' tall plants produce interesting 2 tone clusters of pink to purple blooms which are 2" across. Beloved by butterflies. Zones 3-9. **40 seeds - \$1.95**



**71101. COMMON MILKWEED**  
**PERENNIAL (SYRICA)**  
 Fragrant and nectar abundant pink flowers along with the leaves are an important food source for many butterflies and insects. Flowers in midsummer followed by green pods which dry, opening up with fluffy seed heads. Spreads by seeds and underground rhizomes. Grows 3-4'. Zones 3-9. **40 seeds - \$1.95**

**ASTER**  

Start indoors 6-8 weeks before 1st frost. Sow 1/8" deep. Provide 70-75°F soil temperatures. Transplant 12" apart after last frost. Alpine Aster- cold treating aids germination- blooms in the second year. Callistephus chinensis- 110-120 days. Germ 10-20 days.



**60704. ASTER 'CREGO MIX' NEW!**  
**ANNUAL (CALLISTEPHUS CHINENSIS)**  
 Ostrich plume-type of aster with dense, shaggy petals that form large, 3-4" showy double flowers in shades of purple, deep rose, pink, violet, and white. Use in beds, borders, and cutting gardens and frequently visited by bees. Grows to 30". **70 seeds - \$1.95**



**60703. SINGLE RAINBOW NEW!**  
**ANNUAL (CALLISTEPHUS CHINENSIS)**  
 Old fashioned single type with gold centers. Blooms arrive mid-summer and are 3-4" coming in shades of scarlet, rose, pink, blue, and purple. Excellent for cutting and loved by bees. Grows to 36". **70 seeds - \$1.95**



**60803. VALKYRIE MIX**  
**ANNUAL (CALLISTEPHUS CHINENSIS)**  
 A must-have for any flower cutting garden! An abundance of slim string-like petals burst from the center of each flower creating a pillowy plume of color. Large flowers can reach 5 1/2" across and are supported on long stems. This is the first time we have grown this type of aster and fell in love instantly. Treat yourself with late summer bouquets, you will not be disappointed. An easy to grow flower! **50 seeds - \$2.95**

**707. ALPINE MIX**  
**PERENNIAL (ASTER ALPINUS)**  
 This low growing evergreen, just 6" high is covered with little, daisy like flowers in white, purple, blue, and pink. Provides a real focal point in a border or rock garden, year after year. Zones 3-7. **25 seeds - \$1.95**

**BACOPA**    
 Start indoors 8-10 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-75°F soil temperatures. Transplant 8-20" apart. Blooms in 75-85 days. Germ 4-7 days.



**83902. BLUTOPIA**  
**ANNUAL (SUTERA CORDATA)**   
 Small round leaves are covered with purple flowers. We love it tumbling out of our window boxes with its dainty lavender flowers. Use in hanging baskets or containers. Low growing 6", and spreading. **5 seeds - \$2.50**

**BALSAM**     
 Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-70 F soil temperatures. Direct sow outdoors after last frost. Space 4-5 seeds every 8-12" apart. Transplant 8-12" apart after last frost. Blooms in 60-70 days. Germ 5-10 days.



**610. DOUBLE CAMELIA MIX**  
**ANNUAL (IMPATIENS BALSAMINA)**  
 So easy to grow, excellent choice for a child's garden. Flowers are early, prolific and produce an abundance of blooms in the white-rose-red spectrum. 18-20" tall. **70 seeds - \$1.75**



**609. BUSH FLOWERED MIX**  
**ANNUAL (IMPATIENS BALSAMINA)**  
 Also known as Summer Gardenia. Double flowers are held visibly above the foliage on plants that grow to 14" tall. Blooms are in shades of pink, rose, and white. **70 seeds - \$1.75**

**BEGONIAS**  

Start indoors 12-16 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-80°F soil temperatures. Transplant 12-15" apart after last frost. Blooms in 110-120 days. Germ 15-30 days.



**843. DRAGON WING PINK**   
**ANNUAL (HYBRIDA)**  
 Name comes from the shape of the leaf, which is pointed at the end and wing shaped. Single plant will completely overflow a container and this variety is very heat tolerant. Height will reach 15" but the plant will spread substantially more than that. Covered with an abundance of pink blooms with a rose reverse. Spectacular display all summer, then easily over-wintered. **5 pelleted seeds & 5 multi-seed pellets (6-8 seeds per pellet) - \$2.50**



**842. GRYPHON**   
**ANNUAL (HYBRIDA)**  
 Sensational foliage is uniquely shaped with a stunning color combination; avocado green background, marbled with steel gray, maroon veins, stems, and leaf backside all on deeply cut, maple shaped leaves. Dramatic when placed as a solo container plant or in shade garden complemented with coleus and new guinea impatiens. Adaptable as a houseplant, bring indoors over winter for a large, voluminous plant the next season. Strong, durable foliage grows well in shade to part shade. **5 pelleted seeds & 5 multi-seed pellets (6-8 seeds per pellet) - \$2.95**



**841. NON STOP MIX**   
**ANNUAL (TUBERHYBRIDA)**  
 Exceptionally large flowers and continuous bloom make the non-stop series a vibrant choice for dramatic containers and plantings. 10" tall wing shaped deep green foliage, some edged in red, carries an abundance of remarkable, 3 1/2" - 4 1/2" double blooms. Apple blossom, golden orange, and rose petti-coat are but a few of the dozen distinct colors. **15 seeds - \$2.25**

**BERLANDIERA**  

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, needs light to germinate. Provide 60-70 F soil temperature. Direct sow outdoors around last frost date. Space a few seeds every 12-15" apart. Transplant 12-15" apart after last frost. Blooms the first season when started early indoors. Blooms in 100-120 days. Germ 30-60 days



**72605. CHOCOLATE DAISY FLOWER**  
**PERENNIAL (BERLANDIERA LYRATA)**  
 Deliciously fragrant! It truly has the essence of cocoa. A captivating wildflower native to the southwestern United States with chocolate-scented yellow daisy-like flowers that rise above the gray-green foliage in an airy manner. Blooming throughout the summer the nectar-rich flowers and seed heads attract pollinators and birds. Plants are low maintenance, drought-tolerant, prefer full sun and average, well-drained soil. Grows 12-24". Zones 4-9. **30 seeds - \$3.50**

CACTI & SUCCULENTS

Start indoors using a growing medium of 1/2 seedling mix and 1/2 sand. Sow on surface and press into soil, seeds need light to germinate. Provide 70-80 F soil temperature. Germinates in 5 days to 6 months.



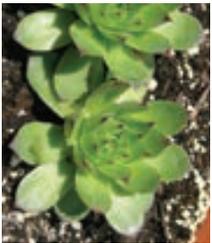
883. CACTUS MIX

ANNUAL

A mixture of cacti in fascinating shapes and sizes. Fun to grow and can be grown in pots for years to come. 20 seeds - \$1.75



Start indoors 8-10 weeks before last frost. Use a growing medium of 1/2 seedling mix and 1/2 sand. Sow on surface and press into soil, seeds need light for germination. Place sown seeds and pot in plastic bag and refrigerate for 2 weeks. Provide 70-80 F soil temperatures for germination. Blooms in the second year. Germ 7-21 days.



63601. HENS AND CHICKS

PERENNIAL (SEMPERVIVUM HYBRIDUM)

Commonly known as houseleeks, were once grown on roofs and said to bring prosperity and protection from fire; especially from the Norse Thunder god, Thor who was known to throw thunderbolts upon dwellings. Today they can be tucked right into rocky and dry areas, requiring little soil, or grown in pots. Zones 3-8. 200 seeds - \$2.75

CALENDULA



Start indoors 6-8 weeks before last frost. Sow 1/4" deep. Provide 65-70 F soil temperatures. Direct sow outdoors around last frost date. Sow a few seeds every 6-12". Sow seeds every 2-3 weeks for season long blooms. Transplant 6-12" apart after last frost. Blooms in 50-60 days. Germ 7-14 days.



6102. BRONZED BEAUTY

ANNUAL

Extraordinary color combination for a calendula. Petals are a creamy peach and curl upward displaying the bronzed burgundy shaded undersides. Plant a patch of this uniquely colored variety for the season and be awed by its beauty. Grows to 18". 50 seeds - \$2.00



612. INDIAN PRINCE ANNUAL

14" plants are covered with 2-3" blooms. Dark yellow petals are edged in dark red to mahogany with a dark center. This is the darkest calendula that we sell and makes a distinguished display in the garden. 50 seeds - \$2.00



61204G. RESINA ANNUAL

This calendula strain is prized for use in herbal applications such as salves and balms, and as a dye for food or fabrics. It has the highest concentration of resin compared to other types of calendulas. Flowers are radiant yellow, with an occasional orange blossom popping up. Grows to 24-30". 50 seeds - \$2.50



61104. PACIFIC BEAUTY MIX ANNUAL

Lovely 18" plants have a long blooming period, withstanding both summer's heat and early frosts. Colors range from creamy yellow to sunshine yellow to a deep orange. 1 1/2" flowers may be dried for a mellow herbal tea. 50 seeds - \$2.00



61103. TOUCH OF RED MIX ANNUAL

Dramatic color comes from the deep mahogany-red back of each petal. This adds a reddish overtone to the normal calendula yellow, orange, and cream, creating an exceptional effect. Plants are 14" in height with 2" blooms becoming slightly smaller as its three month bloom period wears on. Several plants provide hundreds of cut flowers. 50 seeds - \$2.00



613. PINK SURPRISE ANNUAL

The reason behind being called Pink Surprise is that the pinkish ones are in fact a surprise. Most of the flowers are a lovely gold with a bit of a darker burnish, some of the flowers have a more pinkish tinge on the edges, and some of the flavors are actually pink with touches of gold. 50 seeds - \$2.00



61201. RADIO ANNUAL

This variety was introduced in the 1930's and remains a classic. The colors go from a very bright yellow to a golden orange so that every bloom is a little sunrise. The petals are very crisply defined and almost quill-like. Plants grow close to 2' in height and if you keep them deadheaded they will bloom until frost. 50 seeds - \$2.00



6101. LEMON CREAM ANNUAL

The perfect calendula for cut flowers! Rounded flowers up to 3" in diameter have multiple layers of narrow petals ranging in lemon, banana, and cream shades. Our patch of lemon cream has been blooming for at least 10 weeks now. A fantastic summer long bloomer. Grows to 24" in height. 50 seeds - \$2.00

CAMPANULA



Start indoors 8-10 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75 F soil temperatures. Direct sow after last frost. Transplant 15-20" apart after last frost. Blooms in the second year. Germ 7-20 days.



714. CANTERBURY BELLS

BIENNIAL (CAMPANULA MEDIUM)

This biennial grows to a height of 2-3'. Blooms are 2" double bells that look like cups and saucers and come in shades of white, pink, blue and lavender. Zones 4-9. 100 seeds - \$1.50

CANDYTUFT



Start indoors 4-6 weeks before last frost. Sow 1/8" deep. Provide 65-70 F soil temperatures. Direct sow outdoors after last frost. Sow thinly, 1-2 seeds per inch. Transplant 6-8" apart after last frost. Blooms in 45-55 days. Germ 10-20 days.



614. FAIRY MIX

ANNUAL (IBERIS UMBELLATA)

The plants of this variety are shorter than the Hyacinth flowered candytuft, 18", but are very impressive. A mixture of colors that show just about every color shade from pink to dark purple, with a few whites thrown in for contrast. It will give a second flush of color if cut back when the flowers fade. 100 seeds - \$2.00

CASTOR BEAN



Start indoors 4-5 weeks before last frost. Soaking seeds 12-24 hours aids germination. Sow 1" deep. Provide 70-75 F soil temperatures. Transplant 18-24" apart after last frost. Direct sow after last frost. Blooms in 90-100 days. Germ 7-14 days.



67004. ZANZIBARIENSIS

ANNUAL (RICINUS COMMUNIS)

A monster-sized castor bean. This variety is from Zanzibar, reaching over 12-15 feet in one season with green leaves that grow to over 2 feet across and purple tinted stems. 15 seeds - \$3.50 - CAUTION - POISONOUS



**CATMINT**  

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 75-85 F soil temperatures. Direct sow outdoors after last frost. Transplant 8-12" apart after last frost. Blooms the second year, but often blooms the first season when started early indoors. Germ 7-10 days



**717. PINK CATMINT**  
PERENNIAL  
(*NEPETA NERVOSA*) 

An easy to grow plant for spring and summer blooms. Soft pink flower spikes and gray green foliage form nice little mounds reaching 10", spreading to 12". Dense clusters of flowers fit very well as a border plant, in containers, or for mass plantings. Cutting back after the first flush of flowers encourages continuous blooming. Zones 4-9. **25 seeds - \$2.25**

**CELOSIA**  

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75 F soil temperatures. Direct sow after last frost, only in areas with a long growing season. Sow a few seeds every 4-6", thin 6-12" apart. Transplant 6-12" apart after last frost. Blooms in 90-100 days. Germ 15-21 days



**61501. CORAL GARDEN**  
ANNUAL  
(*CELOSIA ARGENTEA CRISTATA*)

A medium sized, 8-10" plant with large combs of brilliant colors ranging from light yellow to a vibrant fuchsia. The size of the combs varies from 4" to almost 8" across. These can be used for fresh arrangements or dried. It's like adding a velvet ribbon when used dry on an evergreen wreath. **50 seeds - \$1.50**



**61502. PAMPAS PLUME**  
ANNUAL (*CELOSIA ARGENTEA PLUMOSA*)  
These 28" celosias are the originals that provide a dramatic background planting in any setting. In our trial gardens the eye was immediately drawn to these plants due to the stately grace of the stems and vivid colors—scarlet, rose, carmine, gold, cream, and bronze. **50 seeds - \$1.50**

**CENTAUREA**  

Start indoors 4 weeks before last frost. Sow 1/8" deep. Provide 60-65 F soil temperatures. Direct sow outdoors in mid to late spring. Sow 6-8 seeds per foot. Transplant 4-8" apart after last frost. Blooms in 65-75 days. Germ 7-14 days.



**CENTAUREA**  
ANNUAL (*CYANUS*)  
Also known as Bachelor's Buttons or Cornflower. A native of Europe, they were brought to America in the 17th century and have been loved by gardeners since. Tuck them among annuals, perennials or even in the veggie garden where the flowers can be used for attracting pollinators, for an edible garnish or cut flower. The 1-2" flowers bloom non stop midsummer on.



**60904. TALL MIX**  
blue, purple, pink, red, and white. Grows to 36". **300 seeds - \$2.50**  
**60905. DWARF BLUE**  
all blue, grows 16-24". **300 seeds - \$2.50**

**CHILEAN GLORY FLOWER** 

Start indoors 4-6 weeks before last frost. Sow on surface, press into soil, needs light to germinate. Provide 60-70 F soil temperatures. Direct sow only in areas with a long growing season. Sow 3-5 seeds every 12". Transplant 8-12" apart after last frost. Blooms in 90-120 days. Germ 14-60 days.

**814. CHILEAN GLORY FLOWER**  
ANNUAL (*ECCREMOCARPUS SCABER*)  
Enchanting lacy curtain with bipinnate leaves, tiny curling tendrils, and continual clusters of 1" yellowy orange tubular blooms. Grows to 12 feet. Hummingbirds love the blooms; grow close to your house so you can watch them. Wonderful for screening or shading a porch. Germ time is slow, so be patient! **25 seeds - \$1.75**

**CHRYSANTHEMUM**  

Start indoors 8-10 weeks before last frost. Sow on surface and press into soil, needs light to germinate. Provide 60-70 F soil temperature. Direct sow outdoors in spring. Sow 3-4 seeds every 12". Transplant 12" apart after last frost. Blooms first fall if started indoors in the late winter. Germ 10-20 days.



**726. FALL MUM**  
PERENNIAL (*INDICUM*)  
We have all had the experience of buying fall mums, and having a few of them come back for a year or two. This isn't guaranteed to come back every year like a shasta daisy but it has the best chance of over-wintering for any multi-colored mum that you can grow from seed. Grows to 2' and covered with 2" blooms, several hundred per plant. Color range is broad. Zones 6-9. **50 seeds - \$2.00**

**CINERARIA**  

Start indoors 6-12 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75°F soil temperatures. Transplant 6-12" apart after last frost. Sizable seedlings are ready 12-14 weeks after sowing. Germ 14-21 days.



**624. DUSTY MILLER**  
PERENNIAL (*SENECIO CINERARIA*)   
Velvety textured, silver-white oak shaped leaves have a calming effect when planted among vibrant annuals in mixed containers and flower gardens. Moderately heat tolerant once established and deer resistant. Prefers a sun location but can handle some shade especially in hot areas. Needs good drainage. Grows to 12-18". Usually treated as an annual but hardy in zones 7-10. **75 seeds - \$1.75**

**CLARKIA**  

Direct sow outdoors after last frost when soil temperatures reach 65-75 F. Sow on surface and press into soil. Sow seeds lightly, thin to 6" apart. Blooms in 70-80 days. Germ 5-21 days.



**617. CLARKIA MIX**  
ANNUAL (*UNGUICULATA*)  
This flower can grow to 3' tall with hollyhock type spires of double blooms. Colors range in the white and red spectrums. Direct seed in the garden after danger of frost. Shows best when planted in a mass. **150 seeds - \$1.50**

**CLEOME**   

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75 F soil temperatures. Chilling seeds 5-7 days before sowing aids germination. Direct sow after last frost. Sow a few seeds every 6-12", thin to 12-24" apart. Transplant 12-24" apart after last frost. Blooms in 85 to 95 days. Germ 15-21 days.

**CLEOME ANNUAL (HASSLERIANA)**  
Old fashioned favorite, also known as spider flower. Large, airy flowers bloom dramatically atop sturdy 4' stalks. A stately centerpiece in the garden or as cut flower. If pinched when about 6" tall each plant will branch out to produce a half dozen or more blooms. Cleome does well when planted in the fall (also self-seeds readily). **60 seeds - \$2.00**



**61601. WHITE QUEEN** - bright clean white **61602. VIOLET QUEEN** - pretty lavender  
**61603. ROSE QUEEN** - deep pink **61605. CHERRY QUEEN** - deep carmine rose



**61606. SPARKLER BLUSH ANNUAL**  
The first hybrid cleome, this All America Selection will flower freely all season. Plants are shorter (3 feet), and more refined than standard cleomes. The pink blooms cover the upper third of the plant and blooming continues for an exceptionally long time. Sparkler Blush can be grown in smaller gardens with less space than standard cleomes. A very stately centerpiece in the garden or as a cut flower for large arrangements. **10 seeds - \$2.95**

**COBAEA** ○●

Start indoors 6-10 weeks before last frost. Nick the seed or soak for a few hours. Sow on surface and lightly cover. Provide 70-75°F soil temperatures. Transplant 12-18" apart after last frost. Blooms in 120-130 days. Germ 21-30 days



**81401. MONASTERY BELLS**  
ANNUAL (SCANDENS)  
Zone 9 Mexican perennial grows here as an annual. Known as cup and saucer vine or cathedral bells, has strong tendrils to attach to its support. 2" bell shaped flowers drape gracefully from lush foliage. Colors range from a muted mauve to dusty lavender. Grow in a container and bring in for the winter. **20 seeds - \$1.95**



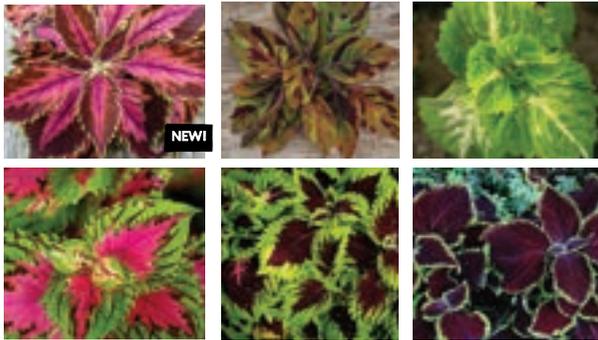
**COLEUS** ○●

Start indoors 8-12 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 70-75 F soil temperatures. Transplant 10-12" apart after last frost. Direct sowing not recommended. Sizable seedlings are ready 12-14 weeks after sowing. Germ 10-15 days.

**PREMIUM SUN SERIES**  
ANNUAL (SCUTELLARIOIDES)



A center stage coleus series with bold patterns, brilliant colors and reliable performance in sunny gardens and patio planters. Premium Sun Coleus can tolerate full sun in regions with high humidity. Perfectly suitable for shaded spots too. Plants grow to 28-30" by 18-22" wide. **10 pelleted seeds - \$4.25**



- 85108. CORAL CANDY NEW!** - AAS winner. Multicolored, narrow and serrated, graceful draping leaves
- 85201. MIGHTY MOSAIC** - Unique patterns in reds, greens and yellows
- 85202. LIME DELIGHT** - Vibrant golden lime green
- 85203. WATERMELON** - Vivid pink centers with thick green edges
- 85204. PINEAPPLE SURPRISE** - Splashes of Chartreuse & deep burgundy
- 849. CHOCOLATE MINT** - Dark, chocolatey red with thin light green edging

**852. KING SERIES MIX ANNUAL**  
Colossal leaves, the biggest we have seen for a coleus and a kaleidoscope of colors. Perfect if you want a stunning, vibrant shade garden or container planting with low maintenance, awarding you with long lasting foliage all season. When the first frost is nearing, bring indoors for colorful houseplants. Well branched plants start out in the seedling stage, no pinching back needed, and form upright mounds 18" wide by 20" high. **15 seeds - \$5.50**



**850. RAINBOW MIX**  
ANNUAL (SCUTELLARIOIDES)  
Plants are about 1' high, ideal for borders and as houseplants. Rainbow variety is the most popular of coleus, this mixture includes the complete color band, from cream to deep scarlet. Remove flower buds if you want them to stay compact. **100 seeds - \$2.50**

**COLEUS**



**851. BLACK DRAGON**  
ANNUAL (SCUTELLARIOIDES)  
A unique and dramatic coleus, plants are 12-18" tall with deep cut, extremely ruffled leaves. Ruffled leaves are an intense fuschia at the center blending to a dark burgundy at the edges. Full sun or partial shade, Black Dragon will make its dark presence felt. **20 seeds - \$2.50**

**CONVOLVULUS** ○●

Start indoors 6-8 weeks before last frost. Soak in water 2-3 hours before sowing. Sow 1/8" deep. Provide 65-75°F soil temperatures. Direct sow outdoors after last frost. Sow a few seeds every 8-12". Transplant 8-12" apart. Blooms in 80-90 days. Germ 5-14 days



**62004. ROYAL ENSIGH**  
ANNUAL (CONVOLVULUS TRICOLOR)  
Beautiful 3" true-blue flowers with a white throat make this a great addition to the border. Sometimes called dwarf morning glories, convolvulus don't form true vines but do spread a couple of feet. Grows 8-10". **35 seeds - \$1.75**

**COREOPSIS** ●○

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-75 F soil temperatures. Direct sow outdoors after last frost. Transplant 12-18" apart after last frost. Blooms the second year, but often blooms the first season when started early indoors. Germ 7-10 days.



**728. BABY SUN**  
PERENNIAL (GRANDIFLORA)  
One of the most carefree perennials you can grow, Baby Sun is covered with an abundance of 1 1/2" golden yellow blooms for much of the summer. You will harvest armfuls of golden flowers that are touched by a dark maroon center. Grows 2' tall and enjoys a sunny spot in the garden. Zones 3-9. **100 seeds - \$2.25**



**72803. AMERICAN DREAM**  
PERENNIAL (ROSEA)  
Native to North America, this low-spreading grower has beautiful cool-pink daisy flowers and lime green, light and airy foliage. Blooms throughout summer and offers a multitude of benefits to gardeners, repels deer and rabbits, draws in native pollinators, spreads naturally in cottage, native, and meadow-type gardens, and even approves of being grown in planters and containers. Grows to 10-15" Zones 4-9. **100 seeds - \$2.25**

**CYNOGLOSSUM** ●○●○

Start indoors 6-8 weeks before last frost. Sow 1/4" deep. Provide 65-70 F soil temperature. Direct sow outdoors around 2-3 weeks before last frost. Space a few seeds every 6-9" apart. Transplant 6-9" apart after last frost. Blooms in 70-80 days. Germ 5-20 days.



**62801. CHINESE FORGET-ME-NOT**  
ANNUAL (CYNOGLOSSUM AMABILE)  
Sprays of blue flowers are gorgeous in mixed floral bouquets and absolutely stunning when interplanted among the garden veggies, where they attracted hordes of little native pollinators for us. These forget-me-nots are similar in appearance to the classic woodland wildflower but are easier to grow, much taller, more productive, and bloom for the majority of the season. Self seeds. Grows to 18-24". **200 seeds - \$1.95**



CYPRESS VINE ○

Start indoors 4-6 weeks before last frost. Soak seeds in water overnight. Sow 1/4" deep. Provide 70-80°F soil temperatures. Direct sow outdoors after last frost, only in areas with a long growing season. Sow a few seeds every 12". Transplant 12" apart. Blooms in 90-100 days. Germ 7-14 days.



**81601. CYPRESS CLIMBER**  
ANNUAL (*IPOMOEA QUAMOCLIT 'CARDINALIS'*)  
Can grow to 20', with flowers that are 1 1/2" long, funnel shaped, and vivid scarlet. Leaves are palmate with 7-15 lobes. **30 seeds - \$1.75**



**81603. WHITE CYPRESS VINE**  
ANNUAL (*IPOMOEA QUAMOCLIT PENNATA*)  
Finely cut foliage with white, tubular flowers. Grows over 10'. **30 seeds - \$1.75**

COSMOS ☺ ☹ ○

Start indoors 4-6 weeks before last frost. Sow 1/8" deep. Provide 70 F soil temperatures. Direct sow outdoors after last frost. Sow a few seeds every 6", thin 12-18" apart. Transplant 12-18" apart. Blooms in 75-90 days. Germ 7-10 days.



**621. SENSATION MIX**  
ANNUAL (*BIPINNATUS*)  
Mix of white, pinks and reds. Classic summer flowers have large single blooms 4-6" across on plants 4-5' tall. Foliage is finely cut, and the plants branch out and bloom profusely and continually. **100 seeds - \$2.25**



**62112. PSYCHE MIX**  
ANNUAL (*BIPINNATUS*)  
Semi-double flowers in shades of pinks and whites. Grows 3-4'. **100 seeds - \$1.95**



**62101. PURITY**  
ANNUAL (*BIPINNATUS*)  
Pure white. Grows 3-4 feet. **100 seeds - \$1.95**



**62103. CARPET MIX**  
ANNUAL (*SULPHUREUS KLONDYKE TYPE*)  
Specifically designed for the front of the garden, these cosmos are only a foot tall. The semi-double blooms come in vibrant single shades of lemon, orange, and red and blooms are 1 1/2" across. **50 seeds - \$2.25**



**62110. DAYDREAM**  
ANNUAL (*BIPINNATUS*)  
Bi-color 2-3" round blooms feature wide overlapping petals that are white around the edges and fade to a dark pink "eye". Daydream works very well in masses, by itself or inter planted with other large cosmos. Grows 18-24". **50 seeds - \$1.95**



**62113. SEA SHELL MIX**  
ANNUAL (*BIPINNATUS*)  
Unique tubular petals of these flowers are striking in color and appearance. Blooms seem bi-color as the throats are darker than the outer surface of the petals. 4-5' tall and bloom constantly. A balance of pinks, white, and reds. **100 seeds - \$1.95**



**62114. PICOTEE**  
ANNUAL (*BIPINNATUS*)  
Plants are 4' tall. The large blooms are white with a deep rose pink picotee edge. Some blooms are also splashed or striped with crimson highlights. **50 seeds - \$1.95**



**62118. COSMIC ORANGE**  
ANNUAL (*SULPHUREUS KLONDYKE TYPE*)  
All America winner for 2000, dwarf one foot plants that bloom all summer if you keep up with dead-heading. Dependable and simple to grow, works great in borders, cottage gardens, even containers. Grows 12-18". **50 seeds - \$1.95**



**62106. SONATA DWARF MIX**  
ANNUAL (*BIPINNATUS*)  
Lovely single blooms of the larger cosmos but the plants are under 2' tall. The mix includes white, carmine red, a rose pink and bicolor with pink edges and carmine at the center. **50 seeds - \$1.95**



**62102. YELLOW ANNUAL** (*BIPINNATUS*)  
We have been searching for a tall yellow cosmos and finally found it. We can't wait to share it with our fellow gardeners. Gentle flowers sway in the breeze, tempting birds, butterflies and pollinators alike. We had lots of fun watching the finches dance among the blossoms just outside our door. Grows to 4 feet. **50 seeds - \$2.50**

DOUBLE CLICK SERIES

ANNUAL (*COSMOS BIPINNATUS*)  
A radiant new cosmos series highly sought after for cut flower arrangements. Fully double and semi double blooms are a huge hit at farmers markets and beautiful as a backdrop in a flower bed. Blooms slightly later than other cosmos. Grows up to 48". **25 seeds - \$3.00**



**62115. CRANBERRIES**  
Rich cranberry pink



**62116. SNOW PUFF**  
Pure white, a few blushed with pink



**62119. CREST GOLD**  
ANNUAL (*SULPHUREUS*)  
Semi-double golden yellow flowers rise above the bushy foliage. As a klondyke type, the foliage has a thicker cut rather than the finely cut foliage of bipinnatus types. Once it starts blooming it won't stop until a frost hits them. **30 seeds - \$1.95**

CYPERUS ○ ●

Start indoors 10-12 weeks before last frost. Sow on the surface and keep moist until germination. Provide 70-75°F soil temperatures. Direct sowing is not recommended. Transplant 24-36" apart, or into individual pots. Blooms mid-to-late summer. Germ 15-30 days.



**76102. PAPYRUS**  
TENDER PERENNIAL/ ANNUAL  
(*CYPERUS PAPYRUS*)

Commonly known as an umbrella plant, papyrus is a bold foliage specimen offering a tropical feel to the garden scape, making an excellent exotic vertical accent plant in containers or ground. Thick leafless stems are clump-forming, growing up to 6 feet with green-brown arching grassy plumes that look like exploding fireworks. Ancient Egyptians used plant fibers to make one of the earliest forms of paper, as well as baskets, boxes, sandals, and rope; they roasted and ate papyrus roots too. Suited for water features and wet areas, and ideal to grow in patio containers without drainage. It also works well as a houseplant and as a filler in cut flower arrangements. Perennial zone 9 and above. **100 Seeds - \$4.50**



## DAHLIA



Start indoors 6-10 weeks before last frost. Sow on surface and lightly cover the seed. Provide 65-70 F soil temperatures. Direct sow outdoors only in areas with long growing seasons. Transplant 12-18" apart after last frost. Dig up tubers in fall. Blooms in 80-90 days. Germ 15-21 days

**62203. SHOWPIECE MIXTURE**

ANNUAL (VARIABILIS)

Rivals plants started from rhizomes. Showpiece is appropriately named, winning numerous awards in the US, UK, and Australia. Double blooms are 3-4" across on 3-4 1/2' plants. Very sturdy stems carry blooms in bright shades of gold, crimson, purple, apricot, and numerous variations in the pink-red spectrum. Blooms the first season.

10 seeds - \$1.95

**62201. UNWINS DWARF MIX**

ANNUAL (VARIABILIS)

This "dwarf" is still over a foot. Flowers are single to semi-double and come in a wide variety of colors—the brick red and crimsons are particularly arresting. Easily grown with very pleasing results.

50 seeds - \$1.95

FOR LIVE DAHLIA TUBERS, SEE PAGE 97-98

## DAISY



Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-75 F soil temperatures. Direct sow after last frost. Transplant after last frost. Osteospermum blooms in 110-120 days, Paper Daisy and Cape Daisy blooms in 80-90 days, White Breeze/Crazy Daisy blooms late season first year when started indoors otherwise blooms the second year. Germ 7-14 days.

**61001. CAPE DAISY**

ANNUAL (VENIDIUM FASTUOSUM)

16-24" tall plants are covered with unusual blooms. White petals with a ring of purple and orange and a blueish black center.

30 seeds - \$1.75

**62504. PAPER DAISY**

ANNUAL (HELIPTERUM ROSEUM)

An endearing cut or everlasting flower with stiff, papery petals and a graceful arcing form. Colorful blooms in multiple shades of pink retain good color and are prized for unusual dried flowers. Great for crafting. We like tucking the dried blooms into houseplants during the winter for a pop of color amongst all the greenery.

100 seeds - \$2.25

**72603. WHITE BREEZE**

PERENNIAL (LEUCANTHEMUM SUPERBUM)

Petite, first year blooming perennial with classic full-sized snowy white daisy flowers. Only grows to a foot, blooms arrive mid summer the initial season with the following season's flowers popping out in early summer. Zones 5-9.

50 seeds - \$1.75

**AKILA SERIES (F1 HYBRID) ANNUAL (OSTEOSPERMUM)**

Also known as African daisy. The tidy, compact plants bloom all summer, working well in containers or landscape plantings. Easy to sow and grow. These two varieties look beautiful intermingled together at the front of a flower garden. 12-14" h x 12-14" w. 10 seeds - \$5.95



64009. WHITE WITH PURPLE EYE



64008. LAVENDER SHADES

## DAISY

**72601. CRAZY DAISY**

PERENNIAL (LEUCANTHEMUM SUPERBUM)

Stands out from other shasta daisies because all of the flowers are double and many are triple. Creates a very rounded frilly bloom. Plants are 2' tall and blooms average 3" across. Zones 5-9.

10 seeds - \$1.95

FOR DAYLILY ROOTSTOCK, SEE PAGE 98

## DELPHINIUM



Start 8-10 weeks before last frost. Cold treat seed by sowing into moist soil or paper towel, wrap in a clear plastic bag and place in refrigerator for 2-3 weeks. Provide 50-55 F soil temperatures. Direct sow outdoors in spring or fall. Transplant 12-18" apart after last frost. Blooms late in the first season when started early indoors, midsummer thereafter. Germ 10-21 days.

**72901. CONNECTICUT YANKEES MIX**

PERENNIAL (CULTORUM)

A shorter variety of delphinium which does not need staking and blooms from seed in the first year. Blooms are in several shades of blue, lavender and white. Connecticut Yankee thrives in full sun to partial shade. Zones 3-9. Grows to 36". 30 seeds - \$2.25

**72902. SUMMER COLORS DWARF MIX**

PERENNIAL (GRANDIFLORUM)

The smallest delphinium we have seen, only 1' tall, but still covered with big, dramatic blooms. The color range includes a mixture of blues, purples, and white. This is the first dwarf white available. An early variety so all plants should flower in the first year and for years thereafter. Zones 3-7. 30 seeds - \$2.95

## DIANTHUS



Start indoors 8-10 weeks before last frost. Sow on surface and lightly cover seed. Provide 65-75 F soil temperatures. Direct sow outdoors in spring or fall. Transplant 12-15" apart after last frost. Blooms in the first season when started early indoors, early to midsummer thereafter. Germ 7-10 days.

**73102. FLAVORA ROSE SHADES**

PERENNIAL (GRATIANOPOLITANUS)

Forms a beautiful mound of grey-blue foliage about 10-12" tall. Dark pink, 1/2" single flowers are held well above foliage and are quite fragrant. Will bloom first year from seed. Summer bloomer. Zones 4-9.

50 seeds - \$1.95

**73106. DOUBLE DYNASTY MIX**

PERENNIAL (BARBATUS INTERSPECIFIC)

One of the prettiest dianthus we have grown and an adorable cut flower. Fully double flowers in shades of pink, red and white. Well-branched, upright, and strong-stemmed, these plants are excellent in the landscape all season long. Here in Maine, we grow this as an annual but it is a perennial to zone 6. Grows to 16-20". Zones 6-9.

25 seeds - \$3.95

**73104. DANCING GEISHA**

PERENNIAL (ISENSIS)

We love unusual looking flowers. If you do too, this is a must-have! We could not resist this lovely Dianthus with exotic, fringed flowers of white, purple, pink and red shades. Flowers first year in garden beds or containers. A distinctive cut flower. Grows from 10"-12". Zones 5-9.

15 seeds - \$4.50

## DIANTHUS

**732. SWEET WILLIAM**

BIENNIAL (BARBATUS)

This familiar biennial features quite large 4" clusters of 1/2" flowers on 18-24" stems. Blooms in June and thereafter, in lots of different colors from white through deep red. Reseeds itself vigorously. The 1936 Vicks Seed catalog describes Sweet William as a favorite of old time gardens, so it has been around a century or more, and remains a personal favorite. Zones 3-9. **80 seeds - \$1.95**

## DICHONDRA



Start indoors 10-12 weeks before last frost. Sow on surface and lightly cover seed. Provide 70-75°F soil temperatures. Transplant 12-18" apart after last frost. Sizable seedlings are ready 12-14 weeks after sowing. Germ 10-15 days.

**85501. EMERALD FALLS**

ANNUAL (REPENS)

Bushy vines are covered with bright emerald green leaves that cascade a good 3' over the edge of the container.

**10 multi-seed pellets - \$3.95**  
(4-5 seeds per pellet)

## ECHINACEA



Start indoors 8-10 weeks before last frost. Sow 1/8" deep. Provide 70-75 F soil temperatures. Direct sow outdoors in mid-spring or fall. Transplant 18-24" apart after last frost. Blooms in the first season when started early indoors, mid to late summer thereafter. Germ 10-21 days.

**73707. MELLOW YELLOW**

PERENNIAL (PURPUREA)

The most recent multi-colored variety of echinacea to grow easily from seed. Beautiful long-lasting blooms come in shades of butter yellow, ivory, lemon, and gold. Enjoy as a cut flower and like all echinaceas, this one attracts pollinators to your garden too. Flowers the first season when started early indoors. Grows to 24-30". Zones 4-8. **15 seeds - \$4.95**

**73601. WHITE SWAN**

PERENNIAL (PURPUREA)

Shorter than purple coneflowers but just as showy. Snow white reflexed petals surround a large green cone. White Swan flowers over a long period and will gradually spread to create an impressive display. At 2-3' in height, it mixes well with other perennials in the border. 3" blooms. Zones 3-9. **25 seeds - \$2.25**

**73604. CHEYENNE SPIRIT**

PERENNIAL (PURPUREA)

2013 All American Selection winner. First year blooming, 24 weeks after sowing and first of its kind offered from seed. Intensely bright 3-4" flowers in a wide range of color; pink, purple, red and orange tones to lighter yellows and white. Well branching, stocky, durable plants grow to 24". Once established holds up to drought, heat, wind, and rain. Zones 4-9. **15 seeds - \$7.95**

**73602. BRAVADO**

PERENNIAL (PURPUREA) GERM 10-21 DAYS

Dutch Bravado is an unusual and interesting shade for a coneflower, sort of a very bright, rose pink. Really comes to life in the sunshine. Blooms are large with flat rays and contrasting orange cones. Grows 3-4". Zones 3-8. **25 seeds - \$1.95**

**737. PURPLE CONEFLOWER**

PERENNIAL (PURPUREA) GERM 10-21 DAYS

This hardy perennial makes a spectacular display when established. Plants are 40-45" and produce an abundance of bluish purple flowers, 4" across, from July to September. Give them plenty of room as they will spread to create a very striking plant. Zones 3-8. **100 seeds - \$2.25**

## EUCALYPTUS



Start indoors 10-12 weeks before last frost. Sow on surface, needs light for germination. Provide 65-75° F soil temperatures. Transplant after last frost. Maturity - 120-150 days. Germ 14-21 days.

**73901. BABY BLUE BOUQUET NEW!**

ANNUAL (EUCALYPTUS PULVERULENTA)

A foliage plant with lots of texture and favored for bouquets, wreaths and crafting. Small, rounded silver-blue leaves are highly scented and retain fresh, juvenile foliage into maturity. This tender perennial can be grown as a specimen patio plant and brought indoors for the winter. **10 seeds - \$3.50**

## EUTROCHIUM



Start indoors 8-10 weeks before last frost. Sow on surface, needs light to germinate. Provide 60-70 F soil temperature. Direct sow outdoors in spring or fall. Transplant 3-4' apart after the last frost. Blooms in the second season. Germ 30-90 days.

**73801. IVORY TOWERS**

PERENNIAL (FISTULOSUM)

White blooming version of Joe Pye, first introduced in 2010. Flowers are much fluffier and cloud like than the native type. Flowers the first season and blooms toward the late summer each year after. Pollinators adore this tall and proud plant. Grows 4-6 feet. Zones 4-8. **100 seeds - \$1.75**

## FORGET-ME-NOT



Start indoors 8-10 weeks before last frost. Sow in moist soil, wrap in plastic and place in refrigerator for 2 weeks. Provide 65-70 F soil temperatures. Direct sow outdoors in mid-spring or fall. Transplant 6-8" apart. Blooms the second year, but often blooms the first season when start early indoors. Germ 7-30 days.

**627. FORGET-ME-NOT**

PERENNIAL (MYOSITIS SYLVATICA)

This classic wildflower is known throughout much of the world for the shape of the leaf, indeed the Latin name comes from the Greeks for "mouse's ear". 1' tall plants are covered by multiple clusters of five petaled light blue flowers with yellow centers. The blooms are less than an inch across and will appear throughout the summer. This waterside plant thrives on plenty of moisture. The legend is that a knight was picking a bouquet for his beloved from a stream - as he was swept away by the water he tossed her the flowers saying "forget me not". Grows 8-12". Zones 4-8. **50 seeds - \$1.75**



**FOXGLOVE**



Start indoors 8-10 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-70 F soil temperatures. Direct sow outdoors after last frost. Transplant after last frost. Annual Foxy and Chinese Foxglove bloom in 120-140 days, Biennials bloom in the second season. Germ 14-21 days.



**62701. FOXY**

ANNUAL (*DIGITALIS PURPUREA*)

This unique annual foxglove was an All-America Selection in 1967. Flower stalks are 36-38" tall in white, cream, yellow, violet and various shades of red with contrasting spots. Plants set out in May will flower from August till frost – long after the perennial foxgloves have faded – so they can work well interplanted with early blooming annuals that die back (like schizanthus or poppies). **100 seeds - \$1.95**



**67006. CHINESE**

ANNUAL (*REHMANNIA ELATA*)

Are you looking for a plant to disperse amongst your shade garden that will add color through the season? Chinese Foxglove's 2" rosy-pink tubular flowers grow from the 3' spikes with prolific blooms lasting up to 3 months. Keep this plant deadheaded and growing in rich fertile soil for a continuous display. **200 seeds - \$1.95**



**734. EXCELSIOR HYBRID**

BIENNIAL (*DIGITALIS PURPUREA*)

This biennial grows 3-5' tall and does well in part shade. Colors of the stately gloxinia-like blooms are white, cream, purple, pink and primrose. Start plants in June for blooms the following June. Self-seeding so a permanent planting is soon established. Zones 4-8. **100 seeds - \$1.95**



**73401. FERRUGINEA**

BIENNIAL (*DIGITALIS*)

This foxglove has very long spikes that are covered with small bell-shaped blooms in a creamy yellow shade flecked with rusty brown. Blooms quite late, and the 4' plants provide a nice background to the perennial garden in late summer. Dries well. Zones 4-8. **100 seeds - \$1.95**

**GAZANIA**



Start indoors 6-8 weeks before last frost. Sow 1/8" deep. Provide 70°F soil temperature. Direct sow outdoors after last frost, only in areas with long growing seasons. Transplant 6-8" apart after last frost. Blooms in 95-105 days. Germ 7-20 days



**62704. NEW DAY MIX**

ANNUAL (*RIGENS*)

Compact, sturdy, high-quality plants are easy to produce! New Day was bred to deliver larger flowers, shorter peduncles and beefier-looking plants. Drought-tolerant series performs beautifully in containers and baskets, and as a garden edging or ground cover. Well-suited to high-density pack programs. Grows to 10". **20 seeds - \$2.50**

**GAILLARDIA**



Start indoors 6-8 weeks before last frost. Sow 1/8" deep. Provide 70-75 F soil temperatures. Direct sow after last frost. Transplant 12-18" apart after last frost. Blooms late in the first season when started early indoors, early to mid-summer in second season. Germ 14-30 days.



**70804. BLANKET FLOWER**

PERENNIAL (*GAILLARDIA ARISTATA*)

Richly colored native wildflower with long lasting blooms. Reddish orange petals have yellow tips that surround a red center. Low maintenance, blooming July until the end of summer. Attracts pollinators, drought tolerant and deer resistant. Grows 18-30". Zones 3-10. **100 seeds - \$2.25**



**70810. MESA RED**

PERENNIAL (*GAILLARDIA X GRANDIFLORA*)

Ruby red daisy-like flowers give way to attractive globe-shaped seed heads on compact plants. Easy to grow, holds up well in dry conditions and flowers the first-year when started indoors. Once established it requires little care while putting out non fading color all season. Grows to 16" by 20". Zones 5-10. **20 seeds - \$4.75**

**GERANIUM**



Start indoors 8-16 weeks before last frost. Sow on surface and lightly cover seed. Provide 70-75°F soil temperatures. Transplant 12" apart after last frost. Blooms in 90-100 days. Germ 7-21 days.

**GERANIUM ANNUAL (*PELARGONIUM HORTUM*)**



An easy to grow, abundantly blooming, and reliable plant that works well in any hot, sunny location. Use in flower beds, containers, and window boxes. For blooms in the winter season or early spring move a potted-up geranium indoors for winter, place it on a sunny windowsill, and then take it back outdoors the following spring. **10 seeds - \$2.95**



- 857. MULTIBLOOM RED** - True bright red
- 85701. MULTIBLOOM SALMON** - Salmon pink
- 85702. MULTIBLOOM WHITE** - Pure white
- 85803. MAVERICK QUICKSILVER** - Pale lavender blue



**85704. MULTIBLOOM MIX NEW!**  
25 seeds - \$7.95

NEW

FOR GLADIOLUS BULBS, SEE PAGE 98

**GOMPHRENA**



Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover seed. Provide 70-75 F soil temperatures. Direct sow after last frost, only in areas with long growing seasons. Transplant 8-10" apart after last frost. Blooms in 85-100 days. Germ 15-20 days



**958. GLOBE AMARANTH**

ANNUAL (*GLOBOSA*)

Bushy, 2' plants produce masses of 1", globe-shaped flowers in shades of pink, purple, and white. Excellent drying flowers do not need to be picked at specific times like strawflowers, but remain beautiful all season and can be picked right before frost. **30 seeds - \$2.25**



## GYP SOPHILA

Start indoors 6-8 weeks before last frost. Sow on surface, needs light to germinate. Provide 70-75°F soil temperatures. Transplant after last frost, 10-12" apart. Direct sow after last frost. Blooms in the second year. Germ 7-14 days.



**70601. BABY'S BREATH 'SNOWFLAKE' NEW!**  
PERENNIAL (*GYP SOPHILA PANICULATA*)  
A must-have perennial for cutting or border garden! 'Snowflake' will grow masses of wiry branches with airy, cloud-like sprays of dainty double white flowers, blooming in early summer and onward. Commonly used as a filler in bouquets and dried floral arrangements. Once established it is easy to care for and will multiply each season. Keeping the flowers cut prolongs blooming. Grows to 40". Zones 3-7  
100 seeds - \$2.25

## HELENIUM

Start indoors 8-10 weeks before last frost. Sow on surface and press into soil, needs light to germinate. Provide 65-70 F soil temperature. Direct sow outdoors in spring or early fall. Space a few seeds every 6-8" apart, thin 18-24". Transplant 18-24" apart after last frost. Blooms the first season when started early indoors. Blooms in 100-120 days. Germ 7-20 days



**70808. HELEN'S FLOWER**  
PERENNIAL (*HELENIUM AUTUMNALE*)  
A late-season blooming native perennial with upright, clump-forming, branching plants that are abundantly covered in showy yellow disc-shaped flowers. Drawing in native pollinators, its natural habitats include meadows, open moist woodlands, marshes, and wet fields. Low maintenance and adaptable, able to grow in full to part sun from average to wet soil. Deer resistant. Grows to 48". Zones 3-9. 500 seeds - \$1.95

## HELIOPSIS

Start indoors 6-8 weeks before last frost. Press into soil and cover lightly. Provide 65-70°F soil temperatures. Direct sow outdoors after last frost, in groups of 3-4 seeds, spaced 18-24" apart. Transplant seedlings 12-18" apart after danger of frost. Blooms the first season when started early indoors, mid to late summer thereafter. Germ 14-28 days



**70902. BURNING HEARTS**  
PERENNIAL  
(*HELIOPSIS HELIANTHOIDES* VAR. *SCABRA*)  
Outstanding plants are tall-growing with bi-colored flowers; yellow petals ignited by a warm red center. Contrasting dark purple-toned foliage towers up to 4 feet, making for a striking cut flower. Nectar-rich flowers attract butterflies and other pollinators. Zones 3-9. 20 seeds - \$3.75

## HIBISCUS

Start indoors 10-12 weeks before last frost. Soaking seeds overnight aids germination. Sow on surface and lightly cover. Provide 70-80 F soil temperatures. Direct sowing outdoors is not recommended. Transplant 18-24" apart after last frost. Blooms in 120-130 days. Germ 10-30 days

### LUNA SERIES

#### PERENNIAL (*MOSCHEUTOS*)

The improved Luna series hibiscus is hardy to USDA zone 5. In cooler climates they will benefit from some light mulch in the winter. The distinctive trumpet shaped blooms open to a width of 6-8". The 3' tall and 2' wide plants are bushy and effective in borders, hedges, or as single specimen plants. They are expensive but can provide a remarkable experience each year, sort of like when a magnolia tree flowers in the North. 5 seeds - \$4.25



74101. LUNA RED

74102. LUNA PINK SWIRL

74103. LUNA WHITE

## HIBISCUS



### 74106. MAHOGANY SPLENDOR

ANNUAL (*HIBISCUS ACETOSELLA*)  
Stand-out foliage, striking texture, and commanding burgundy color make this a remarkable hibiscus to grow. Deeply lobed and serrated leaves grow on bushy plants, towering up to 5' and spreading up to 3'. Mahogany Splendor brings a sophisticated contrast to any landscape or cut flower arrangement. Also performs exceptionally in containers. Areas with long growing seasons will enjoy large deep-red hibiscus blooms near the end of the season. Flowers in 115-130 days. Perennial zones 9a-9b.  
10 seeds - \$4.95

## HOLLYHOCK

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover, seeds need some light to germinate. Provide 60-70°F soil temperatures. Direct sow outdoors anytime after last frost or in fall. Space a few seeds every 18"-24". Transplant 18-24" apart after last frost. Blooms the second year, some will bloom the first season when started early indoors. Germ 10-21 days



### 745. CREME DE CASSIS

BIENNIAL (*ALCEA ROSEA*)  
The 5' tall plants are covered with 3" blooms in a lovely black currant shade edged with lighter berry shades. Blooms are 3" across and range from singles to doubles. The plant begins to flower in its first year. Zones 3-8. 15 seeds - \$1.95



### 74501. JET BLACK

BIENNIAL (*ALCEA ROSEA*)  
This single hollyhock is about as close as a flower can get to black, a really deep, deep purple, it is very decorative and an excellent counterpoint in arrangements. While technically a biennial, hollyhock plantings last for decades as a result of division and self-seeding. Zones 3-8.  
30 seeds - \$3.95



### 74601. MAJORETTE MIX

BIENNIAL (*ALCEA ROSEA*)  
A dwarf hollyhock that only grows 3' tall with large double frilly blooms in midsummer. Uniform in height, they can easily be used in front of the border or as a pot plant. This got rave reviews in our trials. Listed as a hardy biennial this plant will bloom the first year if started early. 3 1/2" blooms. Zones 3-8.  
35 seeds - \$1.75



### 74602. ANTWERP

BIENNIAL (*ALCEA FICIFOLIA*)  
This is the old fashioned hollyhock found in grandmother's cottage garden. Plants are at least 8' tall and covered with 4" blooms in many colors. Will not flower until the second year. Also know as fig leaved. Native of Siberia. Zones 3-8.  
35 seeds - \$1.75



### 87709. QUEENY PURPLE

BIENNIAL (*ALCEA ROSEA*)  
Queeny is always a standout and attracts much favorable comment. 2-3' plants stay upright all summer and prefer rich soil. The fringed double purple blooms can be as big as 4" across and best - it pretty much flowers all summer long. All American winner. Zones 3-8.  
20 seeds - \$1.75

### 746. SUMMER CARNIVAL BIENNIAL (*ALCEA ROSEA*)

This biennial was the All-America Winner for 1972. The plants have beautiful 4-5" double blooms with a superb color range, and will bloom the first year if started indoors. Grows to about 4 1/2', so it may require some support. Zones 3-8.  
35 seeds - \$1.75

HYACINTH



Start indoors 6-8 weeks before last frost. Soaking seeds overnight aids germination. Sow 1" deep. Provide 70-75 F soil temperatures. Direct sow outdoors after last frost. Grows over 10 feet. Transplant 12" apart after last frost. Blooms in 100-110 days. Germ 10-15 days



811. HYACINTH BEAN

ANNUAL (DOLICHOS LABLAB)

More vigorous growth habit than the Scarlet Runner Bean, the Hyacinth Bean produces large spiked clusters of bi colored lavender and white flowers which are held out and above the foliage on long, straight stems. Mature pods are a lovely purple and the seeds are an interesting chocolate brown with a white lobe. Warning: The dry seeds of this bean contain cyanogenicglucosides in toxic amounts. Asian cooks treat the seeds to remove the toxins, but unless you are very familiar with the process, it is best not to eat them. Grow as an annual under zone 9. **12 seeds - \$1.95**

IMPATIENS



Start indoors 6-10 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75 F soil temperatures. Direct sowing is not recommended. Transplant 12-18" apart after last frost. Blooms in 85-95 days. Germ 7-14 days.

BEACON SERIES ANNUAL (WALLERIANA)

Beacon Series impatiens grow stronger and perform longer in gardens, window boxes and hanging baskets than other impatiens. Extensive trialing has proven that the Beacon series has high resistance to IDM (Impatiens downy mildew, a destructive disease that has affected impatiens for over a decade). You can confidently fill in those part sun to shaded locations with these season-lasting vibrant colors. Grows to 14-18" H by 12-14" W. **25 seeds - \$2.50**



86101. WHITE



86102. VIOLET SHADE



86103. BRIGHT RED



86104. CORAL



86105. ORANGE



86106. MIX  
50 seeds - \$3.95

ACCENT SERIES ANNUAL (WALLERIANA)

Smaller plants than the Beacon series, thriving in climates with short growing seasons where its vigorous growth provides gardeners with full and colorful flower beds even in shaded conditions. Grows 10-12" high by 10-12" wide. **25 seeds - \$1.95**



862. ACCENT BURGUNDY



863. ACCENT PINK



864. ACCENT WHITE



86402. ACCENT STAR MIX

FOR SIBERIAN IRIS, SEE PAGE 99

IRISH MOSS



Start indoors 6-8 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 60-70°F soil temperatures. Transplant 4-6" apart after last frost. Germ 14-21 days



748. IRISH MOSS

PERENNIAL (SAGINA SUBULATA)

A charming creeper, forming a mat of soft lime green foliage that begs to be touched and patted. Irresistible tiny white flowers bloom in summer. Excellent in the rock garden or used for filling between stepping stones. Prefers part shade in a light but moist soil. We have planted it under an apple tree where it is spreading happily. Zones 4-8. **100 seeds - \$1.75**

FLOWERING KALE & CABBAGES



Start indoors 6-8 weeks before transplanting outdoors. Sow seeds 3-4 months before the full-size heads are needed. Sow 1/4" deep. Provide 70°F soil temperature. Transplant 12" apart. Blooms in 90-100 days. Germ 6-10 days

CUT FLOWER TYPE FLOWERING KALE ANNUAL

This is a new development in ornamental brassicas. The sturdy stems grow to a height of 26". The bloom really resembles a rose at the height of bloom. These are great in any sort of long lasting arrangement. Used in a Holiday wreath they are just lovely and should last for several months.



63307. FLOWERING KALE - SUNRISE

Creamy white with a pinkish center. **20 seeds - \$1.95**



63308. FLOWERING KALE - SUNSET

Red with green outermost leaves. **20 seeds - \$1.95**

FLOWERING KALES AND CABBAGES ANNUAL

Because they are such standouts of the autumn garden, these crucifers work well with mums, improving in color after frost. The distinction between ornamental kale and cabbage is a nebulous one; in fact the grower lists them all as kale. In this country, the smooth leaved, round varieties are referred to as "flowering cabbage" and the fringed leaved varieties as "flowering kale".



63301. KAMOME RED FLOWERING CABBAGE

A very deep red with dark green outer leaves, a bit over 1' wide. Plants are dependably uniform. **20 seeds - \$1.95**



63302. KAMOME WHITE FLOWERING CABBAGE

A dark green circle with a creamy white large center. **20 seeds - \$1.95**



63303. PEACOCK RED FLOWERING KALE

The feathery, frilly leaves form a much more open head with a serrated red center and green surround. **20 seeds - \$1.95**



63304. PEACOCK WHITE FLOWERING KALE

The feathery white leaves are centered in the green outer leaves to form a lovely wreath. **20 seeds - \$1.95**

**LARKSPUR**  

Start indoors 6-8 weeks before transplanting out in spring. Sow on surface of moist soil/paper towel and refrigerate for 2 weeks. Provide darkness and 50-55 F soil temperatures. Direct sow outdoors in early spring or fall. Transplant 6-8" apart. Blooms in 80-90 days. Germ 14-21 days



**640. GIANT IMPERIAL MIX**  
ANNUAL (*DELPHINIUM CONSOLIDA*)  
Resembles its perennial cousin the delphinium in bloom but is more delicate. Foliage is quite feathery and light and the colors range from deep blue to pale blue, pink, lilac and white. 3-4' plants need support if stalks are to grow straight. Fantastic drying flower. To dry, strip leaves, hang in small bunches in a cool dry area. Colors dry vividly and quickly.  
**60 seeds - \$1.95**

**LAVATERA**  

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover seed. Provide 65-70 F soil temperatures. Direct sow outdoors around last frost date. Sow a few seeds every 12". Transplant 12-18" apart after last frost. Blooms in 85-95 days. Germ 10-15 days



**644. SILVER CUP ANNUAL** (*TRIMESTRIS*)  
Also called Tree Mallow. Flowers early and blooms profusely on sturdy, well shaped plants. Pink flowers resemble the wild mallows, but color is more vivid, with dark veins that stand out in nice contrast. Blooms are large, up to 4" across, and plants form multi-branching bushes 2-3' tall. Blooms profusely.  
**50 seeds - \$1.75**

FOR LILY BULBS, SEE PAGE 99

**LOBELIA**  

Start indoors 8-10 weeks before last frost. Sow on surface, needs light to germinate. Provide 60-70 F soil temperatures. Direct sow outdoors after last frost, only in areas with long growing seasons. Transplant 6-8" apart. Blooms in 80-90 days. Germ 7-14 days



**641. CRYSTAL PALACE**  
ANNUAL (*ERINUS*)  
Deep purley-blue flowers that can be described as 'lobelia blue' are carried on bronze-green foliage. Plant fills out into a 6" bush, ideal for borders, rock gardens, window boxes & pots. Small distinctive blooms last most of the summer from indoor spring sowing. **100 seeds - \$1.95**

**LOBELIA - TRAILING ANNUAL** (*ERINUS*)

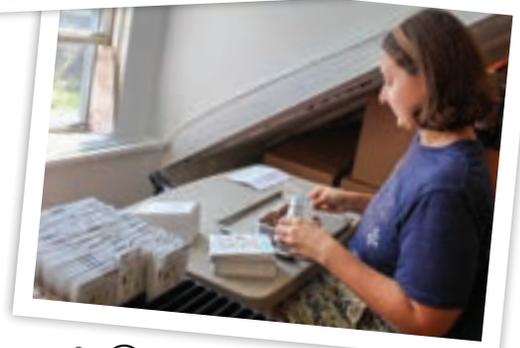
A classic filler, with airy foliage and delicate flowers; exceptional for hanging baskets, window boxes, rock walls, and containers, gracefully cascading over the edges. Long blooming, performing to the end of the season.



**870. SAPPHIRE**  
rich blue with white eye  
**100 seeds - \$2.25**



**86901. ROSE**  
deep rose with white eye  
15 multi-seed pellets  
(8-10 seeds per pellet) - **\$2.25**



**LUPINE**  

Start indoors 6-8 weeks before last frost. Soaking seeds for 24 hours aids germination. Sow 1/8" deep. Provide 55-65 F soil temperatures. Direct sow outdoors in early spring. Transplant 24-30" apart after last frost. Blooms in the second year. Germ 7-21 days.



**754. RUSSELL MIXTURE**  
PERENNIAL (*LUPINUS POLYPHYLLUS*)  
Bi-color towers of bloom, in shades of pink, buff, bronze, rust, red and blue on 3' plants. These gorgeous June bloomers will naturalize without too much trouble. Needs rich soil. Zones 4-7.  
**25 seeds - \$1.75**



**805. WILD LUPINE MIX**  
PERENNIAL (*LUPINUS PERENNIS*)  
The more refined lupines can be difficult to grow. Not this wild forebearer. Scatter the seeds around, and you will get a nice presentation. Color is primarily shades of blue and purple, but occasionally get some spots with pink or white - mark them and save seed for more variety in your stand. An interesting planting that should last and expand for years. Zones 4-7.  
**1oz (1250 seeds) - \$4.95**

MARIGOLDS



Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover seed. Provide 70-75 F soil temperatures. Direct sow outdoors after last frost. Transplant 8-15" apart after last frost. Blooms in 50-70 days. Germ 7-10 days

ANNUAL

Versatile flowers easily started from seed indoors or out and continue to bloom right up to a frost. American marigolds are the tallest types with large round flowers; French marigolds run from 5-12" and the flowers can be single, doubles, or crested types; Signet types have feathery foliage and small single flowers.



**653. CRACKERJACK**  
**AMERICAN-AFRICAN (TAGETES ERECTA)**  
 Every time we grow this variety, we marvel at how favorably the appearance compares to the hybrids, it only lacks their uniformity. Large 3' plus plants produce abundant 5" yellow and gold blooms throughout the summer. **20 seeds - \$2.25**



**652. PETITE MIX FRENCH (TAGETES PATULA)**  
 French double petite type with plants 6-12" in height. Colors include gold, orange, and yellow with some bicolors. **20 seeds - \$1.95**



**654. SAFARI YELLOW**  
**FRENCH (TAGETES PATULA)**  
 Beautiful pale yellow double flowers are 2" across. Plants are 12" tall. Foliage is dark green and is a great contrast with the blooms. A stunning shade that mixes well with any color theme. **20 seeds - \$1.95**



**65501. SAFARI RED**  
**FRENCH (TAGETES PATULA)**  
 Safari Red is actually an amalgam of many shades of red, mahogany, bronze, and copper. The two constants are that the backs of the petals and all of the centers are yellow. The 10" plants create a varied and striking display. **20 seeds - \$1.95**



**65601. MR MAJESTIC**  
**FRENCH (TAGETES PATULA)**  
 This unique marigold is significantly different than others. Alternating bands of mahogany and yellow go outward from a yellow center to form a distinct pinwheel of color. 10" plants produce eye catching blossoms all summer. **20 seeds - \$1.95**



**65701. BONANZA MIX**  
**FRENCH (TAGETES PATULA)**  
 A nice French dwarf mixture, 8" tall. All blooms have the protruding crested "eye". Colors include a mahogany red with orange center, bright golden orange, yellow flecked with red, and a rich golden yellow. **20 seeds - \$1.95**



**65703. FIREBALL**  
**FRENCH (TAGETES PATULA)**  
 Many multi-colored blooms on the same plant. The fully double flowers start out a deep red, aging to a rusty orange, closing with a rich golden bronze. The cooler temperatures of spring, early summer and fall allow the most vivid contrast of colors. Grows 10-12 inches. **20 seeds - \$3.00**



**48303. MEXICAN MINT MARIGOLD**  
**(TAGETES LUCIDA)**  
 An ancient herb that goes by many names including Texas tarragon, false or Mexican tarragon and yerba anise. A great culinary stand in with recipes calling for tarragon. A tidy upright bush growing up to 24", covered with clusters of golden yellow flowers in late summer. Flowers and foliage have slight anise or licorice-like flavor. Low maintenance plant. **50 seeds - \$2.50**



**65502. MARVEL YELLOW**  
**(TAGETES ERECTA)**  
 Large, bright cheerful flowers, low maintenance, drought-tolerant, and easy to grow! The replacement variety for First Lady. The perfect addition for a sunny spot in flower beds or vegetable gardens alike. An outstanding pollinator with sturdy stems for cut flowers. Grows to 18". **20 seeds - \$2.50**

GEM SERIES - SIGENT (TAGETES TENUIFOLIA)

A profusion of petite single flowers appear on top of the soft and lacey light green foliage. Unlike other types of marigolds, a lovely citrusy scent perfumes the air around them. Beneficial insects are attracted to them, and one of our favorite ways to grow these is to plant 5-7 seedlings in a circle creating a bushy shrub-like appearance. Flower petals are edible and are used to liven up salads and other dishes. Use in beds, borders, and containers. Grows to 12-15". **20 seeds - \$1.95**



**64901. LEMON GEM**  
 Vibrant yellow



**64902. ORANGE GEM**  
 Bright orange



**64903. RED GEM**  
 Maroon red

MALVA

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75°F soil temperatures. Direct sow outdoors in mid-spring or fall. Sow a few seeds every 12". Transplant 12-18" apart after last frost. Blooms in the second season, blooms the first season when started early indoors. Germ 7-21 days



**756. ZEBRINA**  
**PERENNIAL (SYLVESTRIS) HEIRLOOM**  
 A fascinating heirloom cottage garden plant with lavender-pink petals overlaid with deep maroon veins. This striking, out of the ordinary plant grows to 3-4' and is long blooming. Zones 5-8. **25 seeds - \$1.75**



**75601. SNOW WHITE**  
**PERENNIAL (MOSCHATA)**  
 Short and sweet describes this little plant perfectly. Iridescent silver- white flowers float over the foliage, blooming the first season, growing to 16 inches. A good way to get a mass of flowers in the first year would be to plant 5-7 seedlings, spread evenly out, in a foot diameter circle, creating a full grown, established look. Zones 5-8. **50 seeds - \$1.75**

MEXICAN HAT CONEFLOWER

Start indoors 4-6 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-70 F soil temperatures. Direct sow outdoors early spring or fall. Transplant 12" apart after last frost. Blooms in the second season. Germ 7-42 days



**968. MEXICAN HAT CONEFLOWER**  
 PERENNIAL (*RATIBIDA COLUMNIFERA*)  
 Large elongated center starts off green turning to a brownish red. The crown of the hat is surrounded by mahogany, fringed with yellow petals that turn down and become the hat brim. Zones 3-10.  
**50 seeds - \$1.50**

MINA LOBATA

Start indoors 3-4 weeks before last frost. Nick or soak seeds for 24 hrs. Sow 1/4" deep. Provide 70-80 F soil temperatures. Direct sow outdoors after last frost. Sow a few seeds every 12". Transplant 8-12" apart after last frost. Blooms in 90-100 days. Germ 7-30 days



**817. MINA LOBATA**  
 ANNUAL (*IPOMOEA LOBATA*)  
 Vigorous and radiant flowering vine. Grown in our climate as an annual, easily climbs over 10', covered with red-tinged, three-lobed leaves which look like upside-down fleur-de-lis. Unusual and colorful blooms are festooned in linear clusters of 6 or more on arching stems, and change color as they enlarge and open from crimson red to yellow-orange to creamy yellow. Sunny but sheltered spot, providing good support, with rich, light, moist soil. **20 seeds - \$1.75**

MIRABILIS

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover. Provide 70°F soil temperatures. Direct sow outdoors after last frost. Sow a few seeds every 12-18". Transplant 12-18" apart after last frost. Blooms in 80-90 days



**65702. STAR AND STRIPES**  
 ANNUAL/ TENDER PERENNIAL (*JALAPA*) Also known as Four O'Clocks, since the fragrant, 3 inch, trumpet-shaped flowers open in the late afternoon. A quite different look. Most of the blooms are striped bi-colors so when they open it produces a very dramatic effect. Includes shades of yellow, rose, red, and white. Zones 7-10.  
**50 seeds - \$1.95**

MORNING GLORIES

Start indoors 3-4 weeks before last frost. Nicking or soaking seeds for 24 hours aids in germination. Sow 1/4" deep. Provide 70-80 F soil temperatures. Direct sow outdoors after last frost. Transplant 8-12" after last frost. Blooms in 90-100 days. Germ 7-30 days



**815. HEAVENLY BLUE**  
 ANNUAL (*IPOMOEA*)  
 The most popular variety and one of the loveliest. 4" blooms are borne on vines that climb to a height of 12'. This strain was discovered by an amateur seed saver named Clarke in the 20's and is dependably early and full flowering. **20 seeds - \$1.50**



**81502. SCARLET O'HARA**  
 ANNUAL (*IPOMOEA*)  
 We were very impressed with the color and the vigor of this lovely morning glory. The crimson has a lot of rose in it and blooms are large. **20 seeds - \$1.50**



**81509. BLUE STAR**  
 ANNUAL (*IPOMOEA*)  
 10-15' vines carry very large pale blue flowers, many over 4" across. On the interior of the bloom is a darker blue star. **20 seeds - \$1.50**

MORNING GLORIES



**81507. GRANDPA OTT'S**  
 ANNUAL (*IPOMOEA*)  
 This legendary heirloom morning glory originated in Bavaria and was brought to the US by John Ott. The very vigorous vines grow to 15' in length and exceptionally large blooms are a deep purple with a red star. Reseeds readily. **20 seeds - \$1.50**



**81510. CHOCOLATE**  
 ANNUAL (*IPOMOEA*)  
 Unique color and the blooms are absolutely huge, perhaps the largest ipomea that we have seen. The variegated foliage is also unusual. The color is a dusty rose, about as close to chocolate as you can get. **20 seeds - \$2.95**



**81511. KNOWLIANS BLACK**  
 ANNUAL (*IPOMOEA*)  
 The strong, long vines carry good sized blooms that are deep violet with a cerise star. A very dark morning glory. **20 seeds - \$1.50**



**81503. FLYING SAUCERS**  
 ANNUAL (*IPOMOEA*)  
 Introduced by Seedsman Darold Decker in 1960, this lofty vine is covered with spectacular 6" flowers of white etched with varying amounts of sky blue. Very impressive from a distance.  
**20 seeds - \$1.50**



**816. WHITE MOONFLOWER**  
 ANNUAL (*NOCTIFLORA*)  
 Vines are exceptionally vigorous growing to a length of twenty feet. Large, fragrant, white flowers open only in the evening. This variety is also called Moon Vine. **20 seeds - \$1.75**



**81515. RUFFLED PINK**  
 ANNUAL (*IPOMOEA*)  
 Loosely ruffled and frayed shell pink blooms. Petals have deeper pink in the middle with a throat of pure white. Flowers arrive in double, semi double with some singles. Grows to 5-8'. **20 seeds - \$1.50**

MONARDA

Start indoors 6-10 weeks before last frost. Lightly cover seed. Provide 60-70° F soil temperatures. Direct sow outdoors in mid spring. Transplant after last frost. Annual- Blooms in 90-100 days, Perennial- blooms late season first year when started early indoors otherwise blooms the second year. Germ 15-21 days



**75702. PANORAMA MIX**  
 PERENNIAL (*MONARDA DIDYMA*)  
 The most true-to-type monarda to grow from seed. Sturdy 36-48" plants carry blooms in many shades of scarlet, bright red, pink, salmon, and crimson. Makes a good cut flower. Near legendary for its ability to attract bees and hummingbirds. Leaves and flowers also make a nice tea. Zones 4-9. **100 seeds - \$3.50**



**65903. LEMON MINT**  
 ANNUAL (*MONARDA CITRIODORA*)  
 A real eye-catcher in trials. Plants are over 3' tall and attractive. In mid-summer, swirls of pink to lavender blooms appear at the top of the plant and eventually cover much of the stem. Excellent bee plant, and makes delicious herbal teas. **100 seeds - \$1.75**

**NIGELLA**  

Annual. Sow outdoors after last frost. Sow on surface and lightly cover seed. Provide 65-70 F soil temperatures. Space a few seeds every 2-6". Sow every few weeks for season long blooms. Blooms in 65-70 days. Germ 14-30 days



**96402. DELFT BLUE**  
ANNUAL (NIGELLA PAPILLOSA)  
Distinctive violet-blue streaks on snowy white petals. A well loved cottage flower named for the famous Dutch Delft blue pottery. Easy to grow, the fresh flowers and unusual dried seed pods make outstanding cut flowers. Grows 18-24"  
100 seeds - \$2.95



**964. PERSIAN JEWELS**  
ANNUAL (NIGELLA DAMASCENA)  
Love in a mist. Large blooms in shades of blue, pink and white on 1 1/2' plants, with delicate, ferny foliage. A well-known annual, the flowers are airy and showy, surrounded by a lacy shroud of greenery. As an everlasting, this is prized for its large balloon-like seedpods that are dried and used in arrangements. 100 seeds - \$1.95

**NASTURTIUMS**  

Start indoors 2-4 weeks before last frost. Soak seed overnight. Sow 1/2" deep. Provide 60-65 F soil temperatures. Direct sow outdoors around last frost into early summer. Space seeds 8-10" apart. Blooms in 55-65 days. Germ 10-12 days

**ANNUAL** Try a few nasturtium leaves in your next salad; you'll be surprised at the spicy result.



**66221. BABY SALMON NEW!**  
(TROPAEOLUM MAJUS)  
A compact, dwarf variety that produces dark green leaves and blooms in varying shades of salmon pink. This petite nasturtium is ideal for containers or the front of flower beds, continuing to bloom from mid-summer to the first frost. Grows to 12". 30 seeds - \$2.25



**66204. GLEAM MIX**  
(TROPAEOLUM MAJUS)  
Recommended for most hanging baskets and moderate spreading. Vines are substantially longer than Jewel but much shorter than the tall climbing single. Offers a particularly nice color selection with all the shades you expect from nasturtiums and a few more. The original strain of this variety was discovered in a Mexican convent garden in the 20's, and became a sensation with seeds selling for 5 cents apiece in the midst of the Depression. Grows 36-48". 30 seeds - \$2.25



**66219. BLOODY MARY**  
(TROPAEOLUM MINUS)  
Flowers come in a blend of colors in varying shades and patterns of dark red, orange, soft yellow, and cream. Foliage is blue-green to medium green and consists of mounding and trailing types. Grows to 16-36". 30 seeds - \$3.25



**66218. DOUBLE DELIGHT CREAM**  
(TROPAEOLUM MAJUS)  
Light yellow petals form semi-double to double flowers. We pick this variety because of its deeper shaded yellow flowers and mounding foliage, whereas, Moonlight our other yellow nasturtium exhibits a lighter shade of yellow, more on the cream side, and a spreading habit. 30 seeds - \$2.25



**66201. JEWEL MIX** (TROPAEOLUM MINUS)  
Extremely vigorous and mounds up to 16" in height. Blooms come in a variety of colors including yellow, red, orange, mahogany, and rose. Bush habit, non-trailing type that holds its blooms well above the attractive foliage. Developed by Denholm seeds in the late 60's. 30 seeds - \$2.25



**66202. TALL CLIMBING SINGLE MIX**  
(TROPAEOLUM MAJUS)  
A favorite place to visit is the Gardner Museum in Boston to see the old-fashioned nasturtium baskets trailing their vines some fifty feet to the ground. This is the variety you must use to create such baskets. Vines will trail as far as they are able. Includes red, gold, yellow, mahogany, and orange. It does best if the soil is not too fertile. We see growth of about 4' in one of our short summers. 30 seeds - \$2.25



**66205. ALASKA MIX**  
(TROPAEOLUM MAJUS)  
The variegated foliage, green with white streaks, is the outstanding feature of this variety. This adds another dimension to the standard nasturtium. Blooms are the normal range of colors. Growth habit is fairly compact, 10-12". A showy and unique variety. 30 seeds - \$2.25



**66206. VESUVIUS**  
(TROPAEOLUM MAJUS)  
Salmon pink blooms are graciously surrounded by dark green foliage that is silhouetted with red. Magnificent anywhere. A great choice for window boxes or containers. Grows to 12". 30 seeds - \$1.95



**66208. WHIRLYBIRD CHOICE MIX**  
(TROPAEOLUM MAJUS)  
Spurless single flowers held high above compact foliage make this excellent for the window box or the salad bowl. A non-trailing type with a full range of colors; rose, orange, cream, and gold. Grows 14-16" 30 seeds - \$1.95



**66209. MOONLIGHT**  
(TROPAEOLUM MAJUS)  
Pale creamy yellow flowers are held above foliage of light green. Will create a nice edging for a moon garden. Garnish your favorite salad with this tangy morsel. Grows to 5'. 30 seeds - \$1.95



**66210. EMPRESS OF INDIA**  
(TROPAEOLUM NANUM)  
The vigorously growing plants feature attractive and tasty leaves of a very dark bluish green growing as tall as a foot. They carry large 2" blooms in shades of red ranging from dark ruby to a fiery red. 30 seeds - \$2.25



**66211. PEACH MELBA**  
(TROPAEOLUM NANUM)  
An exceptionally early variety that will continue flowering until frost. The 10-12" plant holds aloft large creamy colored blossoms with a dramatic raspberry splash in the center of each flower. 30 seeds - \$1.95

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**66212. BLACK VELVET**  
(*TROPAEOLUM MINUS*)  
As the name implies this variety is covered with velvety red-black flowers carried on dark blue-green foliage. The vine length is shorter than other nasturtiums, only 12". Ideal for small beds and containers. **30 seeds - \$3.25**



**66216. LADYBIRD CREAM PURPLE SPOT**  
(*TROPAEOLUM MAJUS*)  
This should prove to be a very interesting *Tropaeolum* (what they call nasturtiums in the rest of the world). The Dutch grower came out with Ladybird, a bright yellow with red markings in 1999. This one followed in 2009. The color is more of a cream with purple spots on bushy compact plants. Grows to 12". **30 seeds - \$1.95**



**66215. OUT OF AFRICA**  
(*TROPAEOLUM MAJUS*)  
The vigorous, variegated foliage is spreading and covered with blooms in a variety of colors. A single spur type. Grows to 4'. **30 seeds - \$1.95**



**66217. TIP TOP APRICOT**  
(*TROPAEOLUM MAJUS*)  
Dense mounds of foliage with lovely flowers in multiple hues of apricot. The petals have a darker veining with a deeply shaded throat. A tidy plant great for borders, bedding, and containers. Grows 10-12". **30 seeds - \$1.95**



**66214. KING THEODORE**  
(*TROPAEOLUM MAJUS*)  
Flowers are a very bright mahogany red and held above bushy, 12" plants with a dramatically dark green foliage. **30 seeds - \$1.95**



**813. CANARY CREEPER**  
(*TROPAEOLUM PEREGRINUM*)  
This flowering vine has rounded, lobed leaves that are exotic and tropical. Climbs, spreads, and covers well, making a lush screen or canopy. Flowers are canary-yellow with tiny red splashes, made even more striking by the open "mouth" and curled, pointed tail which float below two flared, fan-like "wings." South American native. Grown as an annual under zone 9. **30 seeds - \$1.95**



**662. PHOENIX**  
(*TROPAEOLUM MINUS*)  
Presents one of a kind flowers, more open with split petals that have delicate fringing toward the inside. Rich range of colors set the traveling vines afire with golds, reds and oranges. Let these spread on the ground, hang from a basket, planter or window box. **20 seeds - \$3.25**

**NICOTIANA** ○○●

Start indoors 6-8 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 70-75°F soil temperatures. Direct sow outdoors after last frost. Sow lightly and thin 12" apart. Transplant 12" apart after last frost. Blooms in 75-90 days. Germ 7-10 days



**663. MARSHMALLOW**  
ANNUAL (*MUTABILIS*)  
An interesting cultivar as each flower fades giving the effect of three colors on individual plants. Masses of rosy red, pink, and white ever changing, sweetly scented tubular flowers are poised above the wiry stalks with a gracefulness that only nicotiana can provide in the garden. **100 seeds - \$1.75**



**66301. ONLY THE LONELY**  
ANNUAL (*SYLVESTRIS*)  
The tallest, largest flowering nicotiana. Give it lots of room in the back of beds. By mid-summer, stalks as thick as your finger shoot up 4 to 4 1/2' with enormous clusters of pendulous white blooms. These 4" trumpets bloom all summer, and their evening fragrance is very intoxicating. **100 seeds - \$1.75**



**664. SENSATION MIX**  
ANNUAL (*SANDERAE*)  
This plant is two to three feet tall and covered with blooms of crimson, bright pink, and white. Sweetly scented in the evenings, the trumpet shaped flowers are something of a sensation. **100 seeds - \$1.75**

**ORNAMENTAL GRASSES** ○

Live Wire and Bunny Tail Grass- Start indoors 4-6 weeks before last frost. Provide 65-70 F soil temperature. Direct sow only in areas with a long growing season. 90-110 days. Millet, Wheat, and Broom Corn- Start indoors or outdoors. Provide 70-75 F soil temperature. Millet & Wheat 70-80 days. Broom Corn 100-110 days.



**99010. TWISTER NEW!**  
PERENNIAL (*JUNCUS EFFUSUS SPIRALIS*)  
Charmingly unique ornamental that gives your garden space a Dr. Suess vibe with its ascending spiraling corkscrew-like stems. A playful plant to grow. Twister loves pots without drainage and is a prime specimen plant for patios, garden ponds, and containers. Grows to 14". Zones 5-9. **10 seeds - \$3.95**



**985. ORNAMENTAL MILLET - PURPLE MAJESTY**  
ANNUAL (*PENNISETUM GLAUCUM*)  
Designated as an All America Selection for 2003. 4-5', deep purple, corn-like foliage is truly distinguished as a background plant. When mature, plants put up a purple seed head nearly 1' tall and 1" around. **10 seeds - \$4.25**



**984. BUNNY TAIL GRASS**  
ANNUAL (*LAGURUS OVATUS*)  
A sought after grass for dried arrangements. 1-2" fuzzy heads, compact 12" clumps are a great addition to any garden, and have winter interest as well. **50 seeds - \$2.25**



**99009. FROSTED EXPLOSION**  
ANNUAL (*PANICUM ELEGANS*)  
Named for its ethereal plumed seed heads with a texture reminiscent of optical fiber decorations, a must-have for a filler in fresh or everlasting flower arrangements or simply adding an airy texture and volume to your garden or mixed flower planters. Begin harvesting any time after the seed heads start opening and continue picking through every stage of explosive plumes. Easy to grow carefree plant. Grows 24-36". **20 seeds - \$3.75**



**98501. ORNAMENTAL MILLET - JESTER**  
ANNUAL (*PENNISETUM GLAUCUM*)  
From the grower of Purple Majesty. Jester has a denser growth habit and the leaves change from a chartreuse shade to a deep burgundy as they mature. Plants grow about 42" high and can be container grown. **10 seeds - \$4.25**



**987. BROOM CORN - MIXED**  
ANNUAL (*SORGHUM VULGARIS*)  
Broom corn is the source of natural straw fibers for brooms. Large, played seed heads form at the top of tall, corn-like stalks. Cut stalks and seed heads when mature for use in dried arrangements or crafts. More than 20 varieties in this mixture. Colors are red, black, brown, and natural. **50 seeds - \$1.95**

**ORNAMENTAL OREGANO**  

Start indoors 4-6 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-70 F soil temperatures. Direct sowing not recommended. Grows to 10-12". Transplant 14-18" apart after last frost. Blooms in 110-120 days. Germ 4-7 days



**64007. KIRIGAMI**  
**PERENNIAL (ORIGANUM X HYBRIDA)**  
 Intriguing non culinary oregano that has densely textured mounds of drooping hop-like flowers in soft tones of sage green, dusty pink and purple, changing with different light exposure. Kirigami is decorative on patio containers, hanging baskets, and window boxes, where its eye catching appearance can be consumed all season. Grows to 10"H x 12-14" W. Zones 5-8. PVP **10 seeds - \$2.25**

**ORNAMENTAL PEPPER**  

Start indoors 8-10 weeks before last frost. Sow 1/4" deep. Provide 75-80 F soil temperature. Transplant 12-18" apart after last frost. Direct sowing outdoors is not recommended. 90-100 days maturity. Germ 7-14 days



**89101. BLACK PEARL ANNUAL**  
 The first of its kind for ornamental peppers and an All America Selection winner in 2006. Compact plants have semi-glossy, dark purple to true black leaves with pearl-like, bubbly clusters of 1/2" fruits that start out shiny black, eventually maturing to red. A vibrant, unique accent to a bedding or container garden. Peppers are edible but very hot. Grows to 16"-20" **5 seeds - \$2.50**

**PANSIES**  

Start indoors 8-12 weeks before last frost. Sow on surface and lightly cover seed. Provide 65-70 F soil temperature. Transplant 6-9" apart in spring. Blooms in 85-95 days. Germ 7-14 days

**ANNUAL (VIOLA WITTROCKIANA)**

Pansies like cool weather and can be planted in both early spring and fall. When they have grown a couple of inches, mulch them and they will over-winter and resume vigorous growth in the spring.



**760. SWISS GIANTS FORMULA MIX**  
 The old 'tried and true' standard. Colors are vivid with a range that is very broad including shades of red, blue, yellow, orange, white, black and some bi-colors. Flowers are clear, blotched, or whiskered. Zones 6-10. **25 seeds - \$1.75**

**COOL WAVE SERIES PERENNIAL (VIOLA X WITTROCKIANA)**

Tumbling waves of foliage, superior blooms fill out quickly, trailing to 2', attractive as a ground cover or in containers, lasts all season long. Incredible performance in the ground, ours have been amply blooming since late May. Start seeds in late winter for spring and summer blooms then sow some 3 months before the end of summer for fresh flowers through the autumn into winter. Zones 5-10. **15 seeds - \$4.95**



**763. BERRIES 'N CREAM MIX**



**76301. PASTEL MIX**

FOR PEONY TUBERS, SEE PAGE 100

**PENTAS**

Start indoors 8-12 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75°F soil temperatures. Transplant 12" apart after last frost. Direct sowing outdoors is not recommended. Blooms in 100-110 days. Germ 7-21 days

**GRAFFITI**  

**ANNUAL (LANCEOLATA)**  
 Pentas are absolutely perfect for the front edge of a flower garden or in containers. Colorful clusters of star shaped blooms are set just above the shiny compact foliage, producing non-stop color throughout the season. Uniform, 12-15" plants are heat and drought tolerant. **10 pelleted seeds - \$2.95**



**87101. BRIGHT RED**



**87102. PINK**



**87103. VIOLET**



**87104. WHITE**

**PETUNIAS**  

**ANNUAL** Start indoors 8-10 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-80 F soil temperatures. Transplant 12-24" apart after last frost. Direct sowing outdoors not recommended. Blooms in 90-100 days. Germ 10-21 days.

**WAVE SERIES (HYBRIDA)**

Fill out your next hanging basket with flowing waves of blooms. The wave series set the standard for petunias used in landscaping. Plants display a care-free low-growing spreading habit that can be used in any sunny setting. Lush foliage and profuse runners make it well-suited for ground cover, rock gardens, containers, and hanging baskets. The 2"-3" blooms cover the plants from late June till hard frost. Spreads to 48". **10 pelleted seeds - \$4.50**



**832. PURPLE WAVE**  
 AAS winner, radiant fuchsia-hued purple



**83302. BLUE WAVE**  
 AAS winner, purplish blue

**EASY WAVE SERIES (HYBRIDA)**

Vigorous growers offering a nice balance of mounding and spreading with exceptional uniformity. Quickly fills out mixed planters, hanging baskets, window boxes and landscapes. Blooms freely all season, spreading to 36". **10 pelleted seeds - \$4.50**



**83207. BURGUNDY STAR** **NEW!**  
 Burgundy and white stars



**83205. LAVENDER SKY BLUE** **NEW!**  
 Shades of lavender

## PETUNIAS

## EASY WAVE SERIES (HYBRIDA)

Vigorous growers offering a nice balance of mounding and spreading with exceptional uniformity. Quickly fills out mixed planters, hanging baskets, window boxes and landscapes. Blooms freely all season, spreading to 36".

10 pelleted seeds - \$4.50



**83201. WHITE**  
Clear, clean white



**83202. RED**  
Deep red



**83304. YELLOW**  
Butter yellow

## TIDAL WAVE SERIES (HYBRIDA)

Spreading out across large spaces, these are the largest and most robust plants of the Wave petunias family. They provide brilliant season-long color in hanging baskets, containers, or ground cover plantings. These supersized petunias spread and trail to 5 feet. 10 pelleted seeds - \$4.50



**83301. SILVER**  
silvery white with dark purple veins and centers. AAS winner



**83307. RED VELOUR**  
velvety, cranberry red. AAS winner

**836. HURRAH MIX (MULTIFLORA)**

A mixture that will allow you to grow a lot of the wonderful varieties you see at garden centers in the spring. This mix from prestigious California grower, Goldsmith, offers a little bit of everything. Highlights are a dramatic plum, lavender tie dye, reds, and blues, a lovely veined blue, a delicate salmon, a pristine ultra white, and velvet, as well as star types.

25 pelleted seeds - \$2.50

## PIROUETTE SERIES (HYBRIDA)

We were really impressed by their super puffy, double bi-color blooms. They really struck our fancy. They perform well in a basket although quite tall, 15", and erect. The blend of the white and the darker color is perfect, about 25% white so it is more than fringed. 25 Pelleted seeds - \$2.95



**83103. RED PIROUETTE**  
Red and White



**83102. ROSE PIROUETTE**  
Rose and White

## SHOCK WAVE SERIES (HYBRIDA)

Incredible trailing blossoms! The high impact colors will blanket your garden bed. Shock wave series rebound amazingly well from heavy rain, tolerate high heat and humidity. Deadheading is not required as the spent blossoms drop off on their own. This powerhouse petunia is a heavy feeder so don't forget to fertilize regularly. Flowers are 2", slightly smaller than the Easy Wave series. Useful in baskets, window boxes and bedding. Spreads up to 36". 10 pelleted seeds - \$2.95



**83303. DENIM**  
Purple and Blue



**83305. PINK SHADES**  
Pink and Lavender

## PHACELIA

Starting indoors is not recommended. Direct sow outdoors in early spring. Sow on surface and lightly cover. Provide 50-60°F soil temperature. Space a few seeds every 4-6" apart. Blooms in 70-80 days. Germ 12-30 days.

**62501. CALIFORNIA BLUEBELLS**

ANNUAL (PHACELIA CAMPANULARIA)

Alluring cobalt blue bell-shaped flowers are a lively addition to the garden space. This native wildflower of the Californian desert is easy to grow, drought-tolerant, and adaptable to other types of climates and soil. Grow this charming flower in the vegetable garden snuggled between the veggies where it lures in the pollinators. Self-seeds. Grows to 10-18".

300 seeds - \$1.95

## POPPY

PERENNIAL Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-70°F soil temperatures. Direct sow outdoors in mid-spring. Transplant 6-9" apart after last frost. Blooms in the second season. Annual- Direct sow outdoors in early to mid-spring or fall. Provide 55-65°F soil temperatures. Sow 1/8" deep. Sow lightly, thin to 6-9" apart. Blooms in 60-70 days. Germ 7-14 days.

**66816. CALIFORNIA MIX NEW!**

ANNUAL (ESCHSCHOLZIA CALIFORNICA)

This poppy mix will reward you with hundreds of whimsical blooms in almost every color- yellow, orange, red, purple, and white. Great for open meadow areas or spaces that are empty and need color. Low maintenance once established, withstanding heat and poor soils. Attracts pollinators and make good cut flowers. Self-seeds. Grows 12-18". 600 seeds - \$2.50

**66812. CHAMPAGNE BUBBLES (F1)**

PERENNIAL (PAPAVER NUDICAULE)

Iceland Poppy. Elegant, cup-shaped flowers with a crepe-like texture in a beautiful array of colors have the potential to flower the first year but typically blooms early in the growing season. Splendid long-lasting cut flower when picked just as the bud begins to open. Removing faded flowers encourages more buds to form and allow a few to remain to set seed for next season. Suitable for borders and containers. Grows to 15". Zones 4-8. 50 seeds - \$2.50

**66809. BREADSEED PINETREE MIX**

ANNUAL (PAPAVER SOMNIFERUM)

The 3' tall plants with blue-green foliage carry an abundance of lovely 3", papery blooms in shades of purple, dark pink, and light pink. Some are double and some are single. The seed pods that follow the blooms can be as big as golf balls and provide a bounty of brown poppy seeds for use in baking.

300 seeds - \$2.00

**668. CALIFORNIA**

ANNUAL (ESCHSCHOLZIA CALIFORNICA)

This is the true California poppy with 2" arantica orange flowers exclusively. 14-16" foliage is silverish blue and lacy, with plants 1' tall. Flowers close at night and open in the morning. Blooming is profuse, then rests a bit and comes strongly a second time.

300 seeds - \$2.00

**66814. DANISH FLAG**

ANNUAL (PAPAVER SOMNIFERUM)

The sharp contrasting colors of scarlet red and white are stunning in mass plantings. Petal edges are fringed and surround a white center in the shape of a cross. This heirloom flower has its named because the color arrangement appears like the Danish flag. After the petals drop the seed pods have their own appeal in the garden and when dried they make a great addition to floral decorations.

300 seeds - \$2.00

POPPY 



**76201. FRUIT PUNCH**  
**PERENNIAL (PAPAVER ORIENTALE)**  
 The strong, upright 24" plants produce dramatic 5" blooms in shades of red, bright pink, pink, orange, and even an unusual plum. Blooms are ruffled and centers are dark. Zones 4-8. **50 seeds - \$1.75**



**66803. FIELD**  
**ANNUAL (PAPAVER RHOEAS)**  
 Also known as Corn Poppy or Flander's Poppy. Bright and showy 2 1/2" scarlet blooms on hairy nodding buds create a lovely display in early summer. Plants are 2-3' tall with feathery foliage. **300 seeds - \$2.00**



**66804. SHIRLEY DOUBLE MIX**  
**ANNUAL (PAPAVER RHOEAS)**  
 2' high plants carry a multitude of salmon, scarlet, rose, pink, and white, double flowers, many over 4" across. **300 seeds - \$2.00**

PORTULACA 

Start indoors 6-8 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 70-80°F soil temperatures. Direct sow outdoors after last frost. Sow lightly, thin to 6-12" apart. Transplant 12-16" apart after last frost. Blooms in 70-80 days. Germ 7-10 days



**66702. HAPPY TRAILS MIX**  
**ANNUAL (PORTULACA GRANDIFLORA)**  
 The most striking array of colors available with large, 1 1/2 - 2 1/4", semi-double blooms. Cascading plants can be used in containers, hanging baskets or as a ground cover. A good choice for dry, sunny areas. Grows to 6-9". Space 12-16" apart to create a brilliant mat or border. **100 seeds - \$2.75**

RUDBECKIA 

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 70-75°F soil temperatures. Direct sow outdoors 1-2 weeks before last frost. Sow 3-5 seeds every 12-18" apart. Transplant 12-18" apart after the last frost. Blooms in the second year, some will bloom the first season when started early indoors. Germ 7-12 days.



**777. TOTO RUSTIC COLORS**  
**PERENNIAL (GLORIOSA DAISY)**  
 Colors range from yellow and orange to brown and mahogany as well as mixes. They make a very dramatic back-drop in burnished, autumnal tones. No two are alike. Great as cut flowers. 3" flowers on 2' plants. Zones 5-9. **20 seeds - \$2.75**



**77712. CHERRY BRANDY PERENNIAL**  
 The dramatic cherry red flowers vary; some have a dark burgundy ring around the chocolate brown center, while others are all red. This is the first ever reddish rudbeckia available from seed and makes a spectacular display in a garden. Zones 5-9. **20 seeds - \$2.25**



**77702. INDIAN SUMMER PERENNIAL**  
 Compact, multi-branching, and prolific producer of huge, colorful blooms. The largest, most astonishing Black-eyed Susans you'll ever see. Grow them as an annual, starting them indoors in April, transplanting when the soil is warm, and there will be 26"-30" plants with 5"-8" flowers from mid-August through the first few frosts. Golden yellow blossoms with chocolate-brown centers. Zones 4-9. **50 seeds - \$2.25**



**77705. PRAIRIE SUN PERENNIAL**  
 A 2003 All America Selection. Prairie Sun is quite different from other rudbeckias. It has a light green center with sunny yellow petals edged with a lighter shade of yellow. Plants grow to 3' tall and blooms can be up to 5" across. Blooms the first year from seed and long stems provide high quality cut flowers. Needs full sun. Zones 5-9. **20 seeds - \$2.25**



**77704. CHEROKEE SUNSET PERENNIAL**  
 An AAS winner for 2002, this blend of autumnal shades, (yellow, orange, bronze, and mahogany) provides wonderful sunset tones. Flowers range from 3-4 1/2" across, are double or semi-double, and long lasting as cut flowers. Plants are 24-30" tall, spreading to about a foot. Cherokee Sunset will flower profusely in the first year. Zones 5-9. **10 seeds - \$2.25**



**77706. AUTUMN COLORS PERENNIAL**  
 The vivid play of fall colors - bronze petals, red rings, and rusty red centers creates an attractive contrast to the light and golden yellow sister varieties in this mix. 2' plants, covered with 5" blooms make dramatic bedding plants. Zones 5-9. **20 seeds - \$3.95**



**77715. SAHARA ANNUAL**  
 Enchanting 4" double and semi-double blooms bring an eclectic palette of copper, dusty rose, burnt sienna, and soft yellow, all with a chocolate drop center. Beautiful in flower beds and arrangements. Compact plants grow 20-24". **20 seeds - \$4.25**

SALPIGLOSSIS 

Start indoors 6-8 weeks before last frost. Sow 1/4" deep. Provide 70-75 F soil temperatures. Direct sow outdoors after last frost. Direct sow only in areas with a long growing season. Transplant 10-15" apart after last frost. Blooms in 100-110 days. Germ 10-15 days



**672. ROYALE MIX**  
**ANNUAL**  
 Also known as "Velvet Flower" or "Painted Tongue". A beautiful, unusual flower with blooms that are funnel shaped and velvety in appearance. Superior in handling the stresses of weather changes, blooming for the entire season. Plants reach up to 2 1/2' and are multi-branching. Rich hues of purple, maroon, chocolate red, golden yellow and scarlet are common, most with veins of yellow and contrasting colors. 2" blooms. **200 seeds - \$1.95**

SALVIA 

Start indoors 6-10 weeks before last frost. Sow on surface, needs light to germinate. Provide 65-75 F soil temperatures. Direct sow outdoors only in areas with long growing seasons. Transplant 12-15" apart after last frost. Blooms in 100-110 days. Germ 7-21 days



**671. BONFIRE**  
**ANNUAL (SPLENDENS)**  
 This variety blooms from July until the first frost on plants that often exceed 2' in height. Extremely impressive when planted in beds. If you want constant scarlet color, this is the plant for you. **50 seeds - \$2.25**



**67101. BLUE BEDDER**  
**ANNUAL (FARINACEA)**  
 Tall, thin spikes of intense blue on bushy 3' plants. Used as cut flowers and can be dried successfully. Start indoors 10 weeks before frost. Can be perennial in warm areas. **50 seeds - \$2.25**

## SALVIA

**67105. PATIO DEEP BLUE**ANNUAL (*SALVIA PATENS*)

Pure gentian blue flowers are rare and eye-catching in flower gardens. This salvia, also known as Gentian Sage, throws out 14-16" spikes of blue the entire season. We enjoyed the lovely bouquets they made for us this summer. Perennial, grown as an annual in zones 7 and below. **20 seeds - \$4.50**

**70806. SCARLET SAGE**TENDER PERENNIAL (*SALVIA COCCINEA*)

Fiery red spikes attract butterflies, hummingbirds and other pollinators. A southern native wildflower that can take on hot, dry summers with grace. Flowers continuously from mid summer into fall. Dramatic plants grow 24-36 inches tall, covered with flashy scarlet blossoms. Blooms first year from seed for us northerners. A perennial in zones 8-10. Naturalizes in most areas. **100 seeds - \$2.25**

## SCABIOSA

Start indoors 4-6 weeks before last frost. Sow on surface, needs light to germinate. Provide 65-70°F soil temperatures. Transplant after last frost, 8-12" apart. Direct two weeks before last frost. Blooms in 90-100 days. Germ 10-21 days.

**67404. IMPERIAL MIX NEW!**ANNUAL (*ATROPURPUREA*)

Also known as pincushion flower, colorful and easy-to-grow annual- an excellent addition to the cutting, flower, or pollinator garden. Flowers appear like pincushions with tufts of layered petals forming a sphere. This charming mix comes in maroon, pink, rose, lavender, and white shades. Cut flowers are long-lasting and if you cut regularly, you will receive continuous bloom into fall. Attracts pollinators and butterflies. Grows to 30-40". **100 seeds - \$2.25**

## SCHIZANTHUS

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover. Provide 60-70°F soil temperatures. Direct sow 1-2 weeks before last frost. Sow lightly, thin to 8-10" apart. Blooms in 80-90 days. Transplant 8-12" apart after last frost. Germ 10-12 days

**67401. ANGEL WINGS**ANNUAL (*WISETONENSIS*)

This beautiful native of Chile creates a dramatic display of color and foliage in a garden bed or a hanging basket. 12-18" foliage is lacy green, almost fern-like. Blooms are exotic looking, like an unclosed snapdragon, in shades of purple, pink, and white with flecks of opposing color around the center. Tolerates partial shade, but not much heat, and blooms for 6-8 weeks. Easy to grow, it is commonly called Poor Man's Orchid. **100 seeds - \$1.75**

## SEDUM

Start indoors 8-10 weeks before last frost. Sow on surface of moist soil, wrap in a plastic and refrigerate for 2 weeks then provide 60-70°F soil temperatures until germination. Germ 5-30 days

**787. SEDUM MIXTURE PERENNIAL**

This is a mixture of many varieties of different colors, sizes, and bloom times so it should produce flowers from June through August. The succulent foliage is drought tolerant and versatile in rock, border, container and roof top gardens. Hardy to zone 5. **100 seeds - \$1.95**

## SNAPDRAGONS

Start indoors 6-10 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 70-75 F soil temperatures. Direct sow outdoors 2 weeks before last frost. Sow a 3-5 seeds every 3-12", depending on variety. Blooms in 100-110 days. Germ 7-14 days

**675. MAGIC CARPET MIX**ANNUAL (*ANTIRRHINUM MAJUS*)

7-8" plants produce a wide variety of colors, including reds, pinks, whites, and a host of others. This dwarf variety is quite early to flower and makes an ideal addition to any border. **100 seeds - \$2.25**

**67501. BRIGHTON ROCK**ANNUAL (*ANTIRRHINUM MAJUS*)

Beautiful 12-18" tall plants carry blooms of pastel colors and bi-colors. One bi-color was a glorious magenta on white while another was a 'butter and eggs' color. Makes a great cut flower for a long lasting indoor bouquet. **100 seeds - \$1.95**

**676. TALL DELUXE MIX**ANNUAL (*ANTIRRHINUM MAJUS*)

Plants exceed 2' in height, and this mixture includes virtually all the colors of the rainbow. Lovely, stately plants are ideal for the background in any border, and make terrific cut flowers for large arrangements. **100 seeds - \$2.25**

**872. MAGIC LANTERNS**ANNUAL (*ANTIRRHINUM PENDULA*)

Specifically bred to be both trailing and self branching so the drama just keeps expanding. Colors include oranges, pinks, roses, whites, yellows, and bi-colors in the most amazing combinations. **10 seeds - \$2.25**

**67620. ROCKET MIX**ANNUAL (*ANTIRRHINUM MAJUS*)

Is there a more impressive flower than a big, tall snapdragon? Rocket is the class act for 2 1/2-3' snaps. Indeed most, if not all, of these varieties were All-America winners. Bloom itself is very bushy and the more you cut them, the more spikes they produce. Bloom until the end of summer. **50 seeds - \$2.25**

## STACHYS

Start indoors 8-10 weeks before last frost. Sow on surface and press into soil. Provide 65-70°F soil temperatures. Transplant seedlings 10-16" apart after the last frost. Blooms mid-to-late summer. Germ 21-35 days.

**70909. WOOLLY LAMB'S EAR**PERENNIAL (*STACHYS BYZANTINA*)

Named for its thick and silvery-green, soft-to-touch, velvety foliage. It performs well as a border plant, has a ground cover effect, and adds a compelling color and texture to the garden. Sends out stout spikes of purple blooms in mid to late summer that are attractive to bees and other pollinators. It also has a rich history of medicinal use: bandages for wound healing, for its sedative and antibacterial properties, and has even been used as a natural toilet paper. Easy to grow, and kids love it, as it begs to be touched. Prefers dry, well-drained soil and is drought tolerant. Grows to 10-16". Zones 4-7. **50 seeds - \$2.50**

## STATICE

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover seed. Provide 70-75 F soil temperatures. Transplant 12" apart after last frost. Direct sowing not recommended. Blooms in 110-120 days. Germ 7-14 days

STATICE ANNUAL (*LIMONIUM SINUATE*)

A mainstay of traditional flower arrangements. It is easy to grow and comes in a wide range of colors. Grows to 30". Harvest when blossoms have fully opened, either for fresh bouquets or for drying. Harvest often to encourage blooming. **25 seeds - \$1.75**

**97002. GOLD COAST, 97003. HEAVENLY BLUE, 97004. ICEBERG, 97005. MIDNIGHT BLUE, 97006. APRICOT SHADES, 97007. ROSELIGHT, 97009. TWILIGHT LAVENDER**



**970. MIXTURE**  
**50 seeds - \$2.95**

STOCKS 

Start indoors 6-8 weeks before last frost. Sow on surface, needs light to germinate. Provide 65-70°F soil temperatures. Direct sow outdoors after last frost. Sow 3-6 seeds every 6-8". Transplant 6-8" apart after last frost. Evening Stock blooms in 60-70 days, Formula Mix blooms in 90-100 days. Germ 7-14 days



**678. MAMMOTH EXCELSIOR FORMULA MIX ANNUAL (MATTHIOLA INCANA)**  
2' tall plants bloom with single and double fragrant flowers. Good cut flower with a very strong, pleasant smell. Can be dried by hanging in a dry spot out of direct sun. Deeper shades hold their color best. Fragrance endures as well. Shades include white, pink, and violet. **70 seeds - \$1.95**

SUNFLOWERS  

Direct sow outdoors after last frost when soil temperatures reach 70-75 F. Sow 1/2" deep. Space short and single stem varieties 6-12" apart, branching varieties 18-24" apart. Blooms in 55-75 days. Germ 7-14 days

**ANNUAL (HELIANTHUS ANNUUS)** Most of us think of the large Russian-type as the only sunflower, but Italian and Asian growers have many other types available. We've looked at dozens in our trials and selected the following for home gardeners. They make a dramatic and unique addition to borders and are being used more and more as wonderful cut flowers.



**67728. SKYSCRAPER**  
Reaching for the sky and soaring over the landscape with stalks growing over 12' high with 10-12" heads. When the bright yellow flowers fade you can harvest the edible seeds for you and the birds. **20 seeds - \$1.75**



**874. PACINO GOLD**  
A very attractive dwarf sunflower developed for container growing. The distinctive plants grow to a height of 12-16" and are covered with 5" bright yellow blooms with dark centers. A really eye-catching addition to a sunny porch. Hybrid. **20 seeds - \$2.00**



**67708. STRAWBERRY BLONDE**  
Petals have varying shades of burgundy and pink encircling the dark centers with ivory to pale yellow tips. These eye-catching sunflowers are absolutely beautiful in bouquets. Strong and long stems on 5-6 foot branching plants. Daylength neutral and pollenless. Hybrid. **20 seeds - \$2.75**



**67731. TEDDY BEAR**  
Fully double, radiant yellow blooms reach a height of 40 inches. The fuzzy appearance and height make it appealing for kids to grow. Thrives in containers or the garden. Branching. **20 seeds - \$2.25**



**67733. CHOCOLATE**  
The deepest color we have seen for a sunflower. Dark chocolate colored heads are a handsome contrast in the midst of all the other sunflowers. Grows to 60". Branching. **20 seeds - \$2.95**



**67725. ITALIAN WHITE**  
An heirloom with creamy white blossoms and dark chocolate centers. A soft yellow ringlet divides the center from the petals. Sturdy and multi-branching, it creates a sensational backdrop. Grows up to 6'. Attracts bees, birds, and butterflies. **20 seeds - \$1.75**



**677. SUNFLOWER MIX**  
A phenomenal mix of open pollinated sunflowers. Tall and short as well as single and double varieties. Everything to delight you and all of your garden pollinators. **100 seeds - \$2.95**



**67713. MONET'S PALETTE MIXTURE (F1)**  
A beautiful mixture of yellows and reds and creams, all pastels, a bouquet does resemble a watercolor painting. 6' plants grow vigorously and are covered with blooms for close to a month. The long branches are ideal for cutting and the flowers are pollen free. **20 seeds - \$2.25**



**67721. BLACK RUSSIAN**  
Plants can be 12-15' tall and blooms are 8" across. Petals are bright golden yellow and centers can be quite dark or quite light. Seeds are black and striped. A good planting for the birds. **20 seeds - \$1.50**



**67701. AUTUMN BEAUTY**  
Six foot slender stalks are covered with 5" blooms in a range of colors you don't normally associate with sunflowers, from light cream to a deep mahogany with many bi-colors. They begin flowering in July but are truly beautiful in autumn. **20 seeds - \$1.50**



**67740. SUNFINITY**  
Sunfinity is the first annual sunflower to bloom continuously throughout the entire season. Their non-stop profusion of blossoms has revolutionized the garden, blooming even after traditional sunflowers fade away. Each multi-branching plant may be cultivated in containers or directly in the ground and can provide well over 50 blooms. Pollen-free flowers are suitable for cutting, maturing in 50-60 days, pinching early in the season creates even more branching and regular fertilizing keeps this sunflower performing strongly all season. Grows to 3-4'. Hybrid. **5 seeds - \$8.95**



**67704. GIANT GRAY STRIPE**  
Traditional single stem giant Russian sunflower. Grows to at least 5' in height, often up to 10-12'. Blooms are typically over 1' wide and packed with seed that makes a tasty snack for birds and people. **20 seeds - \$1.75**



**67705. DWARF MUSIC BOX**  
Plants are multi-branching and uniform, growing only growing only to 24-26". They bloom in a splendid range of yellows and creams and even mahogany bi-colors, all with brown centers. Very cute; try interplanting it with zinnias, or in front of tithonia. Suitable for beds, borders, children's gardens, even window boxes (and, of course, for cutting). **20 seeds - \$1.75**



**67720. FANTASIA MIXTURE**  
5' plants and 5" pollenless blooms, what could be better? Our mixture has the widest possible color range. Goes from white, lemon, and yellow all the way to a very dark red as well as many bi-colors in between. Hybrid. **20 seeds - \$2.25**



**67729. LEMON QUEEN**  
Pastel lemon yellow flowers on multi-branching stalks that grow 6-7'. Heads are 6" across with chocolate colored centers and make a beautiful back drop to vegetable, flower and herb gardens. **20 seeds - \$2.00**

☺ **SUNFLOWERS** 🐝 ○



**67709. EARTHWALKER**  
Earth tones, ranging from deep orange to terra cotta to brown. Plants are 5-6' tall, strong stemmed, vigorous, side branching, and multiheaded with 8-10" blooms.  
**20 seeds - \$1.95**



**67711. VELVET QUEEN**  
This distinctive, elegant sunflower is often recognized as "the red one" but it is really more of a velvet red shading to copper. An early bloomer, Velvet Queen grows to a height of 6' and makes a good cut flower, with blooms about the size of your palm.  
**20 seeds - \$1.50**

**PRO CUT SERIES**

Offers gardeners a variety of early, reliable, and impressive sunflowers for cutting. Exquisite pollen free blooms grow 4-6" wide on sturdy single stems. The wide range of colors means endless potential for vivid, dynamic cut flower arrangements, or diversifying the color palette in your garden. Grows 5-6'. Blooms in 50-60 days. Hybrid. **20 seeds - \$3.75**



**67742. PLUM** bicolor flowers in shades of plum, rose, and cream.



**67738. RED** - dark burgundy red



**67724. JOLLY JOKER**  
Dramatic 6' tall plants are covered with interesting semi-double blooms as large as 5" across in a mixture of mahogany and golden yellow. Striking! Pollenless. Hybrid.  
**20 seeds - \$1.95**



**67727. SUNSPOT**  
Cheerful dwarf sunflower with large 12" yellow flowers. Growing just to 36-50" it's the right size for a kids garden, containers, or raised beds. Dark brown centers produce edible seeds or the heads can be used whole, for bird food, dried and left in the garden or perch in a tree.  
**20 seeds - \$1.50**



**67735. MAXIMILLIAN PERENNIAL**  
Golden yellow flowers illuminate sunny borders, cottage gardens, and meadows. Native to the Great Plains of North America. Attractive to bees and beneficial insects. Flowered the first season for us with a branching habit and bountiful 2-3" blooms. Grows 3-8 feet. Hardy to zones 4-9.  
**50 seeds - \$2.25**



**67737. FLORENZA**  
Attention attraction color pattern with light yellow tips and a contrasting maroon ring. Sturdy, neat stems with minimal foliage keep the 6" blooms from drooping and have excellent cut-flower quality. Large brown disks produce pollen, drawing in pollinators, and have a pleasant chocolatey fragrance. Grows to 4 - 6'.  
**20 seeds - \$2.50**



**67739. SORAYA**  
2000 All-America Selections winner, and, in fact, it is the first sunflower to ever hold this award. Extraordinary mandarin orange blooms grow on plants that branch abundantly (20-25 stems per plant). Slightly later maturing than other varieties, Soraya will bring warm color to the garden just as other flowers begin dying back. Blooms are 4-6" and are prized as cut flowers. Grows to 5-6'.  
**20 seeds - \$2.50**

○ **STRAWFLOWERS** ○

Start indoors 6-8 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 70-75 F soil temperatures. Direct sow after last frost, only in areas with long growing seasons. Transplant 12" apart after last frost. Blooms in 80-90 days. Germ 10-21 days

**ANNUAL (HELICHRYSUM BRACTEATUM)**

Often called everlasting flower or paper daisy, they make nice fresh cut flowers or, when dried, last for a very long time and bloom from midsummer until frost. A whole gamut of colors from red, cream, yellows, white and rose is include these mixes. **60 seeds - \$2.25**



**960. TALL MIX** - grows 3-4'



**96001. DWARF MIX** - grows 24-30"

○ **SWEET ANNIE** ○

Start indoors 6-8 weeks before last frost. Sow on surface, seeds need light to germinate. Provide 70-75 F soil temperatures. Direct sow outdoors after last frost. Sow lightly, thin 12-18" apart. Transplant 12-18" apart after last frost. Reseeds easily. Blooms 100-110 days. Germ 7-21 days.

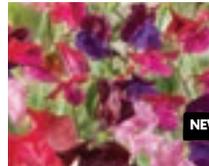


**973. SWEET ANNIE**  
**ANNUAL (ARTEMISIA ANNUA)**

Also known as sweet wormwood or sweet mugwort. Wonderfully fragrant, finely divided, light green leaves and tiny, yellow flowers at the ends of the branches. Reseeds itself vigorously. Highly prized for dried wreaths, because it retains its sweet fragrance. **100 seeds - \$2.25**

☺ **SWEET PEA** 🐝 ○

Direct sow outdoors in early spring when soil temperatures reach 55-65°F. Soak seeds 24 hrs. Sow 1/2" deep, 4-6" apart. Blooms in 75-85 days. Germ 7-14 days. Plants are poisonous.



**81804. HEIRLOOM MIX NEW!**  
**ANNUAL (LATHYRUS ODORATUS)**

An assortment of old-fashioned varieties with vibrant colors and enticing scents. Lavender, pink, purple, salmon, and white. Sweet peas are not edible, all parts are poisonous. **20 seeds - \$1.95**

**81803. OLD SPICE MIX ANNUAL (LATHYRUS ODORATUS)**

Fill your home with color and fragrance with this gorgeous mix. The fragrance seems to be more powerful than that of Knee High Fragrant Mix. Includes stunning dark rich single and bicolors that I had never seen before in a sweet pea. One bicolor was a rich lavender hood with a deep wine lower lip. 3' plants with 8" stems make this a great bloom for bouquets. **20 seeds - \$1.50**



**820. SWEET PEA**  
**PERENNIAL (LATHYRUS LATIFOLIUS)**

This climbing plant is very long-lived, grows 5-6' and spreads considerably. A mix of pink, lavender and white sweet pea blooms appear in summer and keep blooming past frost. Zones 5-9.  
**20 seeds - \$2.25**

○ **TALINUM** 🐝 ○

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 65-75 F soil temperature. Direct sow outdoors after last frost and only in areas with a long growing season. Sow a few seeds every 2" apart, thin 6-12". Transplant 6-12" apart after last frost. Blooms in 90-100 days. Germ 5-10 days



**68101. JEWELS OF OPAR**  
**ANNUAL (TALINUM PANICULATUM)**

Old-fashion garden plant with eye-catching mounds of chartreuse-colored succulent leaves and sprays of delicate, pink flowers that turn into shiny jewel-like beads. Flower panicles are ideal as fresh or dried cut flowers, filling out bouquets. As an added bonus, the thick leaves are edible with a mild, tender texture the entire season. Works well in containers, hanging baskets, and in the garden. Grows to 30".  
**100 seeds - \$1.95**

**THUNBERGIA**  

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover seed. Provide 65-75°F soil temperatures. Grows best when started indoors. Transplant 8-12" apart after last frost. Blooms in 60-70 days. Germ 10-21 days



**821. SUSIE MIX**  
ANNUAL (ALTA) 

These Black Eyed Susan vines have orange, yellow, and cream flowers with dark centers and make excellent hanging plants. The blooms are trumpet-shaped and form a tube. They climb over 5' and bloom continually. **20 seeds - \$3.95**

**TARAXACUM**  

Start indoors 6-8 weeks before last frost. Sow on surface and press into soil, seeds need light to germinate. Provide 60-65 F soil temperature. Direct sow outdoors after last frost or in fall. Sow a few seeds every 6-12" apart. Transplant 6-12" apart after last frost. Blooms in 90-100 days. Germ 7-21 days.



**72701. PINK DANDELION**  
PERENNIAL (TARAXACUM PSEUDOROSEUM)  
Not your average backyard dandelion! Pastel pink petals surround the apricot-colored center of this uncommon dandelion. A wildflower from central Asia with the same medicinal and edible properties as our yellow one. The early spring blooms provide an important source of food for our native nectar-seeking insects. Suitable in-ground and container planting. Grows to 12". Zones 3-9. **25 seeds - \$2.95**

**TITHONIA**  

Start indoors 6-8 weeks before last frost. Sow on surface, seeds need light for germination. Provide 70-80 F soil temperatures. Direct sow outdoors after last frost. Transplant 12-24" apart after last frost. Blooms 85-90 days. Germ 7-14 days



**68203. YELLOW TORCH**  
ANNUAL (TITHONIA SPECIOSA)  
First yellow tithonia ever offered from seed and the ultimate delight for pollinator's; draws in butterflies, bees and hummingbirds. Reaching 4-6' or more, blooms from the middle of summer to frost. Grow in a veggie patch or in the flower garden. **15 seeds - \$1.95**



**68201. FIESTA DEL SOL**  
ANNUAL (TITHONIA ROTUNDFOLIA)  
This tithonia got an All-America award for the year 2000. What struck us most about Fiesta Del Sol was that it bloomed early, abundantly and then continued to bloom throughout the summer. The 3 inch daisy-like orange flowers are very attractive in bouquets. Bees and butterflies love them too! **15 seeds - \$2.25**



**682. TORCH**  
ANNUAL (TITHONIA SPECIOSA)  
Also called Mexican sunflower. Years ago I planted a wildflower mix and the planting was soon dominated by 4' tall plants with single, reddish orange flowers. I couldn't figure out what the flower was until I happened upon a similar planting at the Olbrich Gardens in Madison, Wisconsin. It was Tithonia. The tall plants have attractive, soft green foliage with a large number of bright 4"-5" blooms. Especially striking as a backdrop plant to other vivid annuals. **15 seeds - \$2.25**

**VERBSCUM**  

Start indoors 6-8 weeks before last frost. Sow on surface and lightly cover seed. Provide 60-70°F soil temperatures. Direct sow outdoors early spring or fall. Transplant 12-18" apart after last frost. Blooms in the second year, often blooms the first season when started early indoors. Germ 14-30 days



**788. VERBASCUM MIX**  
PERENNIAL (PHOENICEUM)  
Mullein plants are 3' tall, covered with a pretty mix of white, rose, red, and violet blooms all along the stalk in the spring. There are crinkly bright green leaves at the base of the plant, and if cut back, stalks will shoot up and bloom again for a second and even a third time. Zones 3-8. **100 seeds - \$1.95**

**VERBENA**  

Start indoors 8-10 weeks before last frost. Sow 1/8" deep. Provide 65-75°F soil temperatures. Direct sow outdoors after last frost, only in areas with long growing seasons. Transplant 12-18" apart after last frost. Blooms in 85-95 days. Germ 14-20 days



**68302. BONARIENSIS ANNUAL**  
Lavender colored flowers borne in umbels sit high atop 3-4' tall thin stems making a perfect cut flower. The open airy habit and self sowing makes this a wonderful addition to a wildflower garden. From Buenos Aires, a perennial for zones 7-9. **50 seeds - \$2.25**

**VINCA** 

Start indoors 8-10 weeks before last frost. Sow 1/8" deep. Provide 75-80 F soil temperature. Transplant 8-12" apart after last frost. Direct sowing is not recommended. Blooms in 90-100 days. Germ 5-10 days

**TITAN SERIES ANNUAL (CATHARANTHUS ROSEUS)**  
Bursting with color all season, vinca is grown for its bright phlox-like flowers and attractive shiny foliage. Perfect for the landscape; use in borders, bedding, in containers, or hanging baskets. Tolerates heat and drought, resistant to deer and rabbits. Grows to 16" high by 12" wide. **25 seeds - \$3.95**



**87607. REALLY RED**



**87608. BLUSH PINK**



**87609. WHITE**



**87610. BURGUNDY**

**VIOLA**  

Start indoors 8-12 weeks before last frost. Sow on surface and lightly cover seed. Provide 65-70 F soil temperatures. Transplant 6-8" apart in spring. Direct sow in late summer /fall in areas with mild winters. Blooms in 60-70 days. Germ 7-14 days



**79301. HONEYBEE (F1)**  
ANNUAL (VIOLA CORNUTA)   
The name is what drew us to this viola at first, then it impressed us thoroughly with it's animated blooms. Honeybee has a unique pattern on its petals in shades of golden-yellow, honey and copper. Plant in spring or fall. Grows 6-8" h x 6-8" w. **10 seeds - \$1.95**



**876. YESTERDAY, TODAY & TOMORROW**  
ANNUAL (VIOLA CORNUTA)  
This variety behaves in a way that we have never seen before in an ornamental. The blooms change color as each one matures from a creamy white to a medium blue and eventually a dark purple. Each passing day, the display is very different. Plants are 6" tall with 3/4" blooms and stay in bloom for about 8 weeks. **10 seeds - \$1.95**



**793. JOHNNY JUMP UP**  
ANNUAL (VIOLA TRICOLOR) HEIRLOOM  
Lovely 3/4" flowers of dark purple and yellow, among the first flowers to bloom in spring where they are established. They reseed themselves with a vengeance but are beloved wherever they appear. Grows to 6". **45 seeds - \$1.95**



**79302. SORBET MIX (F1)**  
ANNUAL (VIOLA CORNUTA)  
Violas are the first flowers we see after our long winters with a bold array of colors: yellow, orange, multi shades of purple, white and varying bi-colors. They bloom long into the summer. Grows 6-8" h x 6-8" w. **10 seeds - \$1.95**

ZINNIAS   

**ANNUAL (ELEGANS)**

Start indoors 4-6 weeks before last frost. Lightly cover seed. Provide 75-85 F soil temperatures. Direct sow outdoors after last frost. Sow a few seeds every 8-12" apart. Transplant 8-12" apart after last frost. Blooms in 75-90 days. Germ 7-10 days.



**690. CACTUS FLOWER MIX**  
Shaggy textured 4-5" blooms of tightly knit elongated petals. An old variety and unique amongst zinnias. Grows to 3".  
**50 seeds - \$2.00**



**69001. CUT AND COME AGAIN**  
As the name implies, whenever you cut the blooms additional stems appear. Grow a prism of colorful zinnias with this mix. Blooms are 2-3" on strong, long stems. Grows to 30".  
**50 seeds - \$2.00**



**693. LILLIPUT MIX**  
Smaller, earlier button-type flowers on short plants. Grows to 18-24". If dead-headed, bloom is continuous from mid-summer to the first frost. **50 seeds - \$2.00**



**695. PEPPERMINT STICK MIX**  
These 4" blooms come in pinks, reds, golds and oranges, all streaked and splashed with shades of yellows and whites.  
**50 seeds - \$1.75**

**BENARY'S GIANTS**

The giant, fully double flowers are 4-5" in diameter and sit on top of long and sturdy, branching stems. You will get many cuttings from these vigorous growers all season. The immense blooms make spectacular long-lasting cut flowers. **25 seeds - \$2.75**



**696. LIME**  
Soft lime green, grows 32-40"



**69601. WINE**  
Merlot- burgundy, grows 40-50"



**69802. MIX**  
Rainbow of colors, grows 40-50"



**69702. SCARLET & YELLOW SWIZZLE**  
Each petal has two shades of color and layer upon each other forming fully double 3" blooms. Plants are bushy, growing to 15-20". **10 seeds - \$3.50**

**SINGLE COLOR ZINNIAS**

Classic flowers on 3' plants can be ordered by color. We trialed them and loved them all. Each color has a profusion of blooms and looks stunning in a mass planting. They also last for a surprisingly long time as cut flowers. Grow 30-40". **75 seeds - \$1.95**



**69903. MISS WILLMOTT**



**69914. SCARLET FLAME**



**69915. CANARY BIRD**

**SINGLE COLOR ZINNIAS**

Classic flowers on 3' plants can be ordered by color. We trialed them and loved them all. Each color has a profusion of blooms and looks stunning in a mass planting. They also last for a surprisingly long time as cut flowers. Grow 30-40". **75 seeds - \$1.95**



**69905. CHERRY QUEEN**



**69907. ORANGE KING**



**69911. POLAR BEAR**



**69909. LAVENDER QUEEN**

**OKLAHOMA**

These zinnias were developed specifically for cut flowers, offering bright colors on long strong stems with an excellent vase life. The prolific, cut and come again 2" semi-double to double flowers fit well in mixed bouquets. Grows to 40".



**69806. SALMON NEW! 25 seeds - \$2.25**



**69005. WHITE 25 seeds - \$2.25**



**69804. FORMULA MIX 50 seeds - \$3.25**



**69302. CAROUSEL MIX**  
This attractive old fashion whirlygig type displays yellows and reds. The inner 2/3 of the petals are shades of red but the tips are yellows, creams, bronzes, and whites. Grows to 20". **50 seeds - \$1.95**



**79001. ROCKY MOUNTAIN**  
*PERENNIAL (ZINNIA GRANDIFLORA)*  
GERM 10-30 DAYS  
A native perennial wildflower found in arid areas of western United States. Durable little zinnia thrives in rugged, extreme spots where strong winds and severe heat are common. Grows 4-8 inches, loved by pollinators and birds. Zones 4-9. **20 seeds - \$4.95**



**698. PERSIAN CARPET (HAAGEANA)**  
A strikingly unusual zinnia. Bushy, 12-15" plants produce single to double 2" blooms with pointed petals and crested centers. Bi-colored flowers range from cream through yellow to deep mahogany. **50 seeds - \$1.95**



**692. DAHLIA MIX**  
Alluring 4-6" blooms resemble dahlia flowers. Colors include purple, red, rose, white yellow and orange. Grows to 40". **50 seeds - \$1.95**

ZINNIAS



PROFUSION SERIES

We grew the profusion zinnia series in the front beds of our old farmhouse porch and realized it is one stunning zinnia, generating mounds of continuous color the entire season. This compact-sized zinnia is mounding and self-branching and starts to flower about nine weeks from seed. Excellent landscape performance; it grows 14-18" and is great to use for the edge of borders, pathways, mass plantings, or in mixed containers. Tolerates heat and humidity, and has resistant to powdery mildew. Profusion's performance is truly outstanding! Choose from single or double flowers.



69002. MIX 'SINGLE' 40 seeds - \$6.95



69104. MIX 'DOUBLE' 40 seeds - \$6.95



69011. LEMON 20 seeds - \$3.50



69012. CHERRY 20 seeds - \$3.50



69013. RED 20 seeds - \$3.50



69014. APRICOT 20 seeds - \$3.50



69015. DEEP SALMON 20 seeds - \$3.50



69106. YELLOW 20 seeds - \$3.50



69107. HOT CHERRY 20 seeds - \$3.50



69108. RED 20 seeds - \$3.50

ZINNIAS



QUEEN SERIES

Outstanding new zinnia out-performs the original standard. A mix of double, semi double or single, fade resistant blossoms atop a sturdy, well branching plant. Each flower has a slightly different variation of color with smoky undertones and lime green centers. One of our best performers in trials. Creates a captivating bouquet. Grows 30" - 40". 20 seeds - \$3.00



NEW!

69020. LEMON PEACH NEW!



69004. RED LIME



69006. LIME BLUSH



69008. LIME ORANGE

FLOWER MIXTURES



Sow outdoors in prepared, weed free seed bed. Broadcast seeds lightly on surface, gently rake in and press seeds into soil. Keep seed bed moist. Nice mix of perennials and self-seeding annuals. Germ 14-30 days.



NORTH AMERICAN WILDFLOWER MIX  
ANNUAL/PERENNIAL

To create a beautiful meadow, you should carefully prepare the area, sow seed evenly, then cover lightly and keep moist. It is equally split between perennials and annuals that should self-seed. Hardy to zone 4.

800. 700 seeds - \$1.95 (Plants approx. 100ft<sup>2</sup>)

80001. 1oz / 4,000 seeds - \$4.95 (Plants approx. 450ft<sup>2</sup>)

80002. 1lb / 65,000 seeds - \$45.95 (Plants approx. 7000ft<sup>2</sup>)



804. DEERPROOF GARDEN FLOWER MIX

Includes: white yarrow, blue pimpernell, lance-leaved and plains coreopsis, foxglove, California poppy, blanketflower, sweet alyssum, yellow lupine, Mexican lupine, perennial lupine, arroyo lupine, shirley poppy, gloriosa daisy, scarlet sage, blue sage, and dwarf zinnia. Hardy to zone 4.

700 seeds - \$1.95

808. BIRD AND BUTTERFLY GARDEN MIX

A mix of perennials and self-seeding annuals including several varieties of coreopsis, coneflower, clover, centaurea, godetia, larkspur, daisies and many more lovely flowers to entice both butterflies and hummingbirds into your garden. Hardy to zone 4. 700 seeds - \$1.95



# Live Plants, Tubers & Bulbs

All live plant orders should be placed prior to March 15th. After that, stock is limited. Spring tubers and plants are shipped Mid-March through end of April. Orders received by March 15 are shipped southern states first – moving north as we are able. Orders received after March 15 will be shipped at the end of April. Please order early. Onion Plants and Sweet Potato plants are shipped from their growers according to zone. Fall bulbs and plants are shipped Late September through Early October. Sorry, we cannot send spring tubers and plants to Alaska, Hawaii, and Foreign Countries. Other states have additional, item specific restrictions.

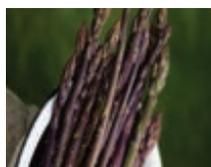
## ASPARAGUS

The best time to set roots is April 10 to May 20. Roots are set 12-14" apart in a trench 6-8" below ground level in rows 4-5' apart. Initially covered with 2" of soil with the remainder of the trench being gradually filled throughout the rest of the year. Light cutting is possible the year after the bed is established. Take care in locating this planting as it could last a lifetime. 2 year field grown roots. **SHIPS MID-MARCH THROUGH END OF APRIL.**

**1 order (10 roots) - \$18.95 each**

**2 or more orders - \$16.95 each**

MIX AND MATCH VARIETIES TO GET DISCOUNTED PRICING



### SAR8. PURPLE PASSION

Sweet and tender spears have a higher sugar content than green asparagus making this a favorite of the home gardener. The deep burgundy color and tender texture is almost completely stringless (young spears are often eaten raw). Zones 4-9.



### SAR11. MILLENIUM

One of the highest yielding all male varieties available. Superb longevity. Harvest over an extended period once established. Tolerant to heavier soils. All male varieties will produce flowers but no berries. Zones 3-8.



### SAR18. MARY WASHINGTON - **NEW!**

Heirloom variety developed in the early 1900's and the chosen variety for the last century. It has shown to be incredibly vigorous and resistant to asparagus rust. Produces uniform spears and heavy yields. Zones 3-8.

## BLUEBERRIES

Plant in loamy, well-drained soil, (pH should be 4.5-5.5) 4'-6' apart. Blueberries are shallow rooted so mulch heavily with a deep layer of acidic material to keep weeds down. Remove all blossoms the first year only to allow roots to establish themselves. 2 year old plants.

**1 plant - \$17.95    2 or more plants - \$16.50 each**



### BB28. LEGACY - **NEW!**

Considered one of the best-flavored blueberries, medium sized berries are sweet with low acidity. Produces consistent quality fruit and once established they are vigorous, growing up to 6 feet. Adaptable to many soils, even clay types. Resistant to stem canker and shows resistance to leaf, root, and fungal diseases. Zones 5-8.



### BB30. PINK LEMONADE - **NEW!**

Edible and ornamental, bearing unique pink blueberries! Some say it is sweeter than blueberries with less of the classic blueberry flavor while others say it has lemon and kiwi flavors. A rabbit eye cultivar that ripens mid to late season, hardy to zone 6 in the ground, but can be grown successfully in large containers and overwintered. Grows to 5-6'. Zones 6-9.



BLUEBERRIES



**BB24. PATRIOT**

Huge and delicious berries, larger than other early to midseason varieties. Large fruits average 49 berries per cup. Yields at maturity, range from 10-20 pounds and can be harvested over a 3-4 week long period. This variety is vigorous, growing upright to a height of 4 to 6 ft and adapts to many different soil types. Developed by the University of Maine. Zones 3-7.

1 plant - \$17.95 2 or more plants - \$16.50 each



**BB22. NORTHLAND**

This variety boasts consistent yields of blueberries that have a wild berry flavor. Ripens early to midseason. The fruit size is small, 136 berries per cup. Yields at maturity are consistent, averaging 15-20 pounds per bush. Developed at Michigan State University, Northland has limber branches, which do not break under heavy snow loads. Grow 3-4 ft with a spreading habit. Zones 3-7

1 plant - \$17.95 2 or more plants - \$16.50 each

Plant canes 18-36" apart, in rows 6-8' apart. Performs best in full sun with well-drained, fertile soil. Amend with compost and/or apply organic fertilizer if needed. Water well until plants are established. Mulch to keep soil moist for the young roots and to control weeds.



**RS22. RASPBERRY 'NOVA'**

Berries are medium to large, firm and bright red and ripen gradually over a long period. Winter hardy, adapts to all climates and can be used as a summer bearer in the North or a fall bearer in the South. Vigorous canes have minimal thorns, grow upright and show good disease resistance. Zones 3-8.

1 order (3 plants) - \$18.95  
2 or more orders - \$16.95 each



**RS20. RASPBERRY 'DOUBLE GOLD'**

Grow your own gourmet raspberries with these peachy blushed-champagne-colored berries. They have a firm, juicy texture and delicious, sweet flavor. Double Gold grows vigorously and suckers freely and can produce as both a florican (summer) and primocane (fall). Stores exceptionally well in the freezer. Resistant to phytophthora root rot and common leaf diseases. Zones 5-7.

1 order (3 bare root plants) - \$28.95  
2 or more orders - \$26.95 each



**RS24. BLACK RASPBERRY 'JEWEL'**

A popular black raspberry variety that produces excellent yields of superb quality berries. Glossy black in color with a rich raspberry flavor. An excellent selection for jams, jellies and pies, fresh or frozen. A reliable choice for a home garden. Matures mid season. Zones 5-8.

1 order (3 plants) - \$34.95  
2 or more orders - \$32.95 each



**BY13. BLACKBERRY 'CADDO'**

New release with outstanding characteristics; large, high-quality flavorful berries with excellent post-harvested fruit durability. High yielding plants are thornless and florican (summer bearing), producing berries only on the second-year growth. Caddo has proven to be disease-free; no orange rust, anthracnose, or cane/leaf rust in all research trials. Zones 5-9.

1 order (3 plants) - \$34.95 each  
2 or more orders - \$30.95 each

CROCUS

Plant 4" deep and 4" apart. Plant with points facing upwards. Grow in full sun and well drained, humus rich soil. SHIPS LATE SEPTEMBER THROUGH EARLY OCTOBER.



**SC13. SAFFRON CROCUS PERENNIAL (CROCUS SATIVUS)**

The saffron crocus produces one of the most expensive spices in the world. Harvesting is labor-intensive, commanding high prices, each flower growing only three tiny and delicate red thread-like stigmas; these stigmas are the precious spice saffron. Aside from the flavor of the stigmas, these lilac-colored flowers are a beautiful sight and can be found blooming early to mid-autumn, unlike most other crocuses. A great addition to the garden for both the spice and some late-season color. Zones 6-8. 1 order (10 bulbs) - \$11.95 each  
2 or more orders - \$10.95 each

SEE OUR WEBSITE FOR TULIPS, NARCISSUS, CROCUS, ALLIUMS, AND OTHER SPECIALTY BULBS - SHIPPING FALL 2024

DAHLIA

Dahlias are grown for their gorgeous, colorful flowers that bloom from midsummer through autumn. They are stunning in patio containers or flower gardens and start blooming when most perennials begin to fade, offering fantastic late-season color.

1 tuber - \$11.95 each  
2 or more tubers - \$10.95 each



DINNER PLATE TYPE

These dahlias are the large-flowered type, 6-8", referred to as dinner plate dahlias, and grow to 3-4 ft tall. They require staking to support the tall foliage and large flowers and can be pinched back to produce bushier plants with smaller flowers.



**DH106. THOMAS EDISON - NEW!**

Old fashion variety introduced in 1929. Violet purple flowers reaching up to 8" across.



**DH101. EMORY PAUL - NEW!**

Gigantic rosy-purple blooms reaching up to 12-14" across.



**DH110. CAFE AU LAIT - NEW!**

One of the most sought after Dahlia cultivars. Large 8" blooms with a unique color, pale peach to dusty pink.



**DH112. BREAK OUT - NEW!**

Petals are a blush pink with a buttery yellow center, 8-10"



**DH114. OMEGA - NEW!**

7" blooms are awash in soft hues of mango, apricot and rose, with long, narrow petals that feature a unique twisting habit.

## DAHLIA



**DH100. CREME DE CASSIS**  
Lavender flowers with dark purple undersides



**DH26. MYSTERY DAY**  
Unique coloration, deep red petals with white tips will surely create some contrast in your garden. 6-8" blooms.

### GOGO SERIES

Full-sized flowers on compact plants, perfect for patio containers or sunny borders. GoGo's reach 14-20" producing an abundance of 4-6" flowers on well-branched plants that required no pinching.



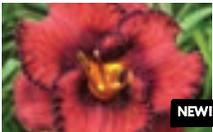
**DH52. GOGO SPECKLED PINK**  
Luscious light pink blooms with generous wine-red speckling on the petals.



**DH44. GOGO PEACH**  
Delightful apricot peach flowers

Daylilies are a must-have in any perennial garden or mass planted in a bed on their own. They give you blooms for over a month in early to mid-summer. They grow best in full sun, planted in moist, well-drained soil with plenty of organic matter, ensuring optimum blooming. Daylilies will multiply in clumps that grow larger each season and are very easy to split to produce more plants. Zones 4-11.

1 root division - \$14.95 2 or more root divisions - \$13.95 each



**DY102. BERRYLICIOUS**  
Gorgeous raspberry flowers with ruffled, deeper toned edges. A very long-blooming variety that will have 5" flowers from late spring to early fall. Grows 20-24".

NEW!



**DY104. YOU'VE GOT SOUL**  
Show stopping, 5.25" lavender flowers with large blue-purple eye and edge, green throat provides a beautiful contrast, fragrant. Blooms in early to midsummer. Reblooms in late summer. Grows 24-26".

NEW!



**DY106. DIVA'S CHOICE**  
Watermelon pink flowers with highly ruffled, yellow edges and a yellow throat; large 6" flowers bloom heavily early summer and again late summer. Excellent rebloomer. Grows 22-24".

NEW!



**DY108. SOUTH SEAS**  
Iridescent coral-pink ruffled and fragrant flowers; 6" blooms arrive midsummer with extended blooming. Reblooming. Grows 22-24".

NEW!



**DY110. LAVENDER BLUE BABY**  
Lavender blooms with a lavender-blue center. Early-midseason brings 5.5" wide. Reblooms early fall. Grows 22-24".

NEW!



**DY112. BETTYLEN**  
Burgundy-purple flowers with ruffled yellow edges and a green throat. Super bloomer with over 500 flowers after 3 seasons of growth. Midseason blooms are 5". Reblooms. Grows to 18-22".

NEW!

## ELDERBERRY

Plant in full sun, 3' apart in rows 4-5 feet apart. Soil needs: well drained, rich and loamy. Adaptable to most soils. Elderberry roots are shallow and will not tolerate drought. Mulch and keep well water until established. Prune broken or dead canes in the spring.



**EY3. WILD ELDERBERRY**  
(SAMBUCUS CANADENSIS)

Boost your immune system with both the flowers and berries of this North American native plant. Have a go at creating extracts or tinctures, even syrup for your pancakes (we love this as an alternative to maple syrup). Also try your hand at drying the berries for tea; there is a long list of possible uses. Once established, the plants spread by putting out suckers allowing a colony to form. Rejuvenating easily, the colonies can be managed by pruning back in late fall or very early spring. They grow naturally along river banks and roadsides but perform perfectly in any moist, well drained soil. Zones 3-8.

1 plant - \$17.50 each  
2 or more plants - \$15.95 each

## FIG

Figs can be planted directly in the ground, after last frost, in a protected sunny area near your house. There should be at least 1" of organic material on top. The remainder of the soil can be poor quality. Soil too rich will produce meager growth and a limited crop. When new growth comes up from the ground, select only a few shoots to mature. Prune all others so that plenty of sun can reach between each branch. New growth can produce figs the same year.



**CHI. CHICAGO HARDY**

This special fig cultivar can withstand the colder temperatures of the north unlike other fig varieties. The plant dies back in the winter and has the ability to re-sprout every year producing crops of medium sized fruit, ripening late summer into fall. Big, curvy & grass green, tropical looking leaves provide a visually stunning and unique landscape plant. It is best to give the fig the warmest and most protective place in the landscape; this, along with mulching over the cold season, will bring great success in a northern garden. Can grow to 12' when provided with the right conditions. Zones 5-10.

1 plant - \$18.95 each  
2 or more plants - \$16.95 each

## GARLIC

Separate cloves, plant 2-4" deep, 5-6" apart with pointed end up. Plant as soon as they arrive or when the ground is workable.

Plant in well-drained, rich soil, amend with compost. Mulch with straw or chopped leaves, this helps keep the soil evenly moist and controls weeds.

SORRY, WE CANNOT SHIP GARLIC TO: AK, HI, APO, PR and FOREIGN COUNTRIES. CERTAIN COUNTRIES IN ID, OR, AND WA HAVE QUARANTINE RESTRICTIONS. PLEASE CHECK TO SEE IF YOU LIVE IN ANY OF THESE COUNTRIES



**B2. SOFT NECK GARLIC**

Garlic can be planted in early spring as soon as the ground can be worked (6-8 weeks before last frost). 2"-3" sized bulbs averaging 15 cloves per bulb.

1 order (3 bulbs) - \$10.95  
2 or more orders - \$9.95

SEE OUR WEBSITE FOR HARDNECK GARLIC VARIETIES  
- SHIPPING FALL 2024

## GLADIOLUS

Plant Gladiolus when the soil warms to 60 F. Plant in well drained soil, 3-5" deep, 4-6" apart. Hill up soil around stalk to prevent them from tipping over. Gladiolus are shipped in March and April. At the time of your order, you may request a shipping date. We request that all Spring orders are placed prior to March 15th. After that, the stock is limited. Orders received by March 15 are shipped as a first wave, southern states first moving north as we are able. Orders received after March 15 will be delayed until the first batch of orders is shipped. Items in this section are not available after May. Please order early.

### GCOM. COMMERCIAL MIX

Colorful assortment of at least 14 different varieties. Great mix for a cutting garden. Zones 7-10.

1 order (25 bulbs) - \$17.95 each  
2 or more orders - \$16.95 each



ADDITIONAL GLADIOLUS VARIETIES  
AVAILABLE ON OUR WEBSITE

Dig a hole as deep as the roots and wide enough to allow the roots to spread. Plant in full sun to partial shade. Prefers slightly acidic, moist soil. Amend soil with compost prior to planting if necessary. Water regularly. SHIPS MID-MARCH THROUGH END OF APRIL.



#### WH2. AMERICAN WITCH HAZEL

This native deciduous shrub is valued for both its late-season color and medicinal properties. In the Autumn after all the rich golden leaves have fallen, the unique fringed yellow flowers persist through November, giving it great winter interest. Grows into a multi-stemmed shrub with a vase shape. Witch Hazel can tolerate a variety of soil types but prefers acidic soils rich with organic matter, and is best planted in full sun to part shade. Use for woodland and rain gardens, windbreaks, hedges, and erosion control. Deer tolerant. Grows to 10-15'. Bare root plant. Zones 3-8.

1 plant - \$13.95 each  
2 or more plants - \$12.50 each

The hop (*Humulus lupulus*) is a hardy perennial, which may grow up to 25' in a season, dying back to the crown in the fall. Ripe flower cones can be harvested in August and September, dried, and used in brewing for flavor, aroma, bittering, preservation, and head retention. Under good conditions a vigorous hop can produce up to 2lbs of dried flowers. Mature hop cones are 1" to 3" long, yellowish green, and papery to the touch. Plant in early spring, in full sun, one rhizome per hill with the buds pointing up, 1" deep, plants 3' apart. When the vines are 1' long, select 2-6 to train to supports and remove the rest. Zones 3-8. SHIPS MID-MARCH THROUGH END OF APRIL.



#### HOPS

1 rhizome - \$9.50  
2 or more rhizomes - \$8.50 each

#### HP1. CASCADE

High yield, matures midseason, elongated cone, noted for its aroma, alpha 4-6%. Lends an American flavor to beer.

#### HP6. MAGNUM (HYBRID)

12-15% alpha acid, Magnum is a high bittering hop with mild flavor. The citrusy but mildly spicy tone to this hops is the number two produced rhizome in Germany. Great for beginners.

#### HP50. MT. HOOD

A vigorous grower of German ancestry, Mt.Hood is an early to mid season crop. Mt. Hood is an aromatic hop that has a light sweetness with herbal notes. Similar tastes that you would find in a European style ale.

Dig hole twice the size of your root. Place in the hole at a 45 degree angle. The small end of the root should be about 6" deep. The large end should be just below the surface. Cover with compost and keep well watered. SHIPS MID-MARCH THROUGH END OF APRIL.



#### HRI. BIG TOP

This strain of horseradish has very large and wide, rugged leaves. Resistance to rust and bacterial spot. A great performer in the garden! Place this where you can let it establish fully as it will grow and provide you with horseradish for a lifetime. Zones 3-7. 1 root - \$8.95 each  
2 or more roots - \$7.95 each

Plant in full sun. Grow in sandy, loamy soil but tolerates all types, even heavy clay soil. Set the rhizomes 1 inch deep (2 inches, if the soil is sandy), 2 feet apart. Do not mulch around the rhizome as this may encourage rot.



Siberian Iris are a lovely addition to your perennial garden! They are a long lived perennial that can tolerate all soil types and will grow in full sun to part shade. Grow in sandy, loamy soil but tolerates all types, even heavy clay soil. Set the rhizomes 1 inch deep (2 inches, if the soil is sandy), 2 feet apart. Do not mulch around the rhizome as this may encourage rot.

1 rhizome - \$9.95  
2 or more rhizome - \$8.95 each  
3 or more rhizome - \$8.50 each



#### SB104. PINK PARFAIT

Fluffy, double soft lavender-pink flowers. Grows to 30".



NEW!

#### SB106. HOW AUDACIOUS

Rich contrast of color; young petals are lavender, maturing into a deep purple with a yellow interior that has deep purple veining. Grows to 34".



NEW!

#### SB108. PEACOCK BUTTERFLY UNCORED NEW!

Periwinkle blue standards with falls of bright yellow centers and smokey gray-blue edges. Grows 22-26".

#### SB110. PEACOCK BUTTERFLY MISSION BAY NEW!

Pale blue flowers with dark blue veining show off greenish-yellow signals. Heavy bloomer. Grows 24-30".

Oriental Lilies are the queens of the lily world. Not only will they entice you with their large and beautiful mid-summer blooms, they also release a pleasingly intense fragrance you will want to showcase in your cutting garden or any flower bed border! They will produce 3-6 blooms per stem and multiply each year if left undisturbed. They are best planted in the spring when temperatures are above 50 F. March/April for zones 7-9 and April/May for zones 4-6. Plant in full sun and well drained but moist, loamy soil amended with compost. Zones 4-9

1 order (3 bulbs) - \$14.95 2 or more orders - \$13.50 each



NEW!

OL102. STARGAZER - This variety is the most popular variety available, desirable for cutting garden fans! They have pink and red flowers with a thin white edge bordering each petal. Oriental type. Grows to 36".



NEW!

OL104. THE EDGE - Stunning large white flowers with a beautiful berry-pink edging on each petal. Oriental type. Grows to 32-36".



NEW!

OL106. ROSELILY SAMANTHA - A newer variety of oriental lily with large pink, double flowers that have a wide white margin on every petal with a darker pink in the center of the flower. Fragrant and pollen free. Grows 32-34".

**LONG DAY:** Best in northern areas. Bulb out with 14+ hrs of daylight.

**INTERMEDIATE DAY:** Widely adapted, except the far north and deep south. Bulb out with 12-13 hrs of daylight.

**SHORT DAY:** Southern regions. Bulb out with 10+ hrs of daylight.

Onion plants arrive dormant. They will be dry and recover once properly planted. Full sun, fertile soil, and 1 inch of water a week are essential needs for successful onion bulbs. Plant in soil amended with compost, well aged manure, or a balanced fertilizer. Harvest bulbs when the necks have become soft and fall over. Pull up and dry for a few days in the field (if there is not rain predicted). Move indoors and dry for 2-3 weeks until stems are dry (unable to squeeze water out of necks). Cut off tops and roots and store in mesh bags, above freezing at 65-70% humidity. Onion plants will be shipped to you from our grower in Texas. Plants will be shipped via Priority Mail (or U.P.S.) to ensure you receive the freshest plants possible at the proper time for planting. Shipments for southern gardeners begin in January and will be shipped by zone according to last frost date.

WE ARE NOT ABLE TO ACCEPT ORDERS FOR ONION PLANTS AFTER MAY 31ST. LIVE ONION PLANTS SHIP JANUARY THROUGH MAY; END DATE MAY VARY BASED ON GROWER'S DISCRETION.

WE ARE NOT ABLE TO SHIP ONION PLANTS TO ALASKA, HAWAII, APOS, OR PR. CERTAIN COUNTIES IN ID AND WA HAVE QUARANTINE RESTRICTIONS. YOUR ORDER WILL BE DELAYED OR CANCELED IF YOU ARE IN ONE OF THESE AREAS.

1 bunch (55-65 plants per bunch) - \$20.95 each  
2 or more bunches - \$19.95 each

**OP24. YELLOW SWEET SPANISH**

LONG DAY - Brown skinned, globe shaped onion with crisp, mild and sweet flesh. Great storage life, up to 6 months.

**OP40. PATTERSON (HYBRID)**

LONG DAY - Longest storage onion we offer. An outstanding variety that replaces the much loved Copra. Extremely high yielding 3-3 inch uniform bulbs. Copper colored skins with firm flesh.

**OP26. WHITE SWEET SPANISH**

LONG DAY - Spherical in shape with a sweet, mellow flavor and papery white skin. Good storage life with the ability to last up to 6 months.

**OP16. WALLA-WALLA**

INTERMEDIATE TO LONG DAY - This is a terrific sweet onion for northern gardeners. Produces colossal, yellow skin globe shaped onions with sweet tasting flesh.

**OP22. CANDY APPLE RED (HYBRID)**

INTERMEDIATE DAY - A new red globe shaped variety with brilliant red skin, extra sweetness, and red interior rings.

**OP12. CANDY (HYBRID)**

INTERMEDIATE DAY - A sweet onion for southern, mid, and northern states. Produces a large, globe shaped white onion with sweet tasting white flesh.

**OP36. TEXAS SUPERSWEET - TX1015-Y**

SHORT DAY - Sweet, yellow all around fantastic onion. Great for eating raw or cooked. Can be grown in north if planted in early spring, won't grow as large. Stores well for 2 - 3 months.

**OP34. RED BURGUNDY**

SHORT DAY - A classic red skin onion for southern growers. Produces 4" bulbs with a mild, sweet flavor. Excellent slicing variety with white and pink interior rings. Short storage life.

**OP32. RED WING (HYBRID)**

LONG DAY - A beautiful red round onion with a very mild flavor. Bulbs are firm and round. Excellent storage onion.



Onion and shallots sets are easy to plant and ensure a harvest of full-sized onion bulbs. Onions- plant in full sun, 4-6" apart, 1-2" deep, Shallots- plant 6-8" apart. Start planting in early spring, as the ground can be worked. Prefers moist, well-drained fertile soil, amend with compost and/or apply organic fertilizer if needed. Heavy feeders- fertilize regularly, every 7-14 days. Harvest when the tops have fallen over, dry in a warm well ventilated for 2-3 weeks.

1 set (1 pound) - \$14.95 2 or more sets - \$13.95 each



**SH20. RED SUN**

Shallots are used widely in gourmet cooking, lending a mild onion with a hint of garlic flavor. Growing shallots from sets in the spring is simple and cost-effective, especially if you already love garlic and onions, plus they store well into the following year, 6 months or more. These shallots are oval with reddish pink skin and each bulb multiplies into a cluster of 6-10 more bulbs. The green shoots can also be used as a green onion or chive substitute. 1 pound = approximately 20-25 bulbs



**OS102. STUTTGARTER - NEW!**

LONG DAY - Longtime favorite storage onion, producing medium to large yellow bulbs. They have a mild, smooth to slightly pungent flavor that make them ideal for sautéing, grilling and cooking. 100-130 per pound.



**OS104. RED BARON - NEW!**

LONG DAY - Versatile red onion, mild flavor and wonderful in salads or pickled. Stores well. Can be planted densely for scallions. 100-130 per pound.

Grow in full sun. Plant in average, well drained soil amended with compost. Dig a hole twice as deep and twice as wide as your root. Place root with the eyes facing up placing it within 1-2" of the soil surface. DO NOT plant too deep. SHIPS MID-MARCH THROUGH END OF APRIL.

1 root - \$24.95 2 or more roots - \$22.95 each



**PEO14. CORAL SUNSET**

Blossoms emerge in a dazzlingly bright salmon color, which gradually fades into light pink, and continues fading into a soft cream color. 3-5 eyed tuber. Zones 3-8.



**PEO20. CORAL CHARM - NEW!**

Large, semi-double blossoms open from deep coral buds into bowl-shaped blooms, with elegant incurved petals of glowing coral-peach. Among the first Peonies to bloom and exceptionally beautiful! American Peony Society Gold Medal Selection. Grows to 28-30".



**PEO22. PINK HAWAIIAN CORAL - NEW!**

Lovely rose-coral colored double blooms, and glowing centers with the petals fading to a light coral. An American Peony Society Gold Medal Selection. Grows to 36".

Plant whole or cut into pieces (2-3) eyes each. Allow pieces to air dry for 24 hours. Place 6" apart in rows 3' apart. Cover tuber with soil. Continue to cover as the vines grow by hilling soil, leaves, straw, or compost over the tuber. Leave only small portions of the growing plant exposed to promote more potatoes.

**Maine Certified Seed Potatoes**

All of our seed is Maine certified or foundation seed that has been field tested throughout the growing season. Samples from each field have been tested for potato virus. Two pounds of potatoes will plant approximately 8' row, 12 sq. feet, or 10 hills.

**SORRY WE CANNOT SHIP POTATO TUBERS TO: AK, ID, HI, WA, APOs, or PR. PLEASE NOTE: ALL ITEMS SUBJECT TO AVAILABILITY. SUBSTITUTIONS WILL BE MADE AS NEEDED SHIPS MID-MARCH THROUGH END OF APRIL.**

**1 order = (2 pounds) - \$14.25 2 or more orders - \$12.50 each**



**PT32. EVA (90-100 DAYS)**

Mid-season. Produces attractive tubers that are medium-sized, round-oval in shape with bright white skin and flesh. They are ideal for baking, mashing, and home-made chips. The tubers grow well in heavy or sandy soil and are resistant to early blight, golden nematode, common scab, and hollow heart. Excellent table variety and excellent storability.



**PT12. ADIRONDACK BLUE (90-100 DAYS)**

Mid Season. The vibrant blue color makes this one extra fun to grow! It has purple-bluish skin with a deep blue interior and tubers that are round to oblong and slightly flattened in shape. The moist flesh is very flavorful and holds its color well when cooked. These potatoes make a beautiful potato salad, or when roasted, they live up a dinner plate. They also are perfect for making fresh from the garden potato chips. Very high in antioxidants. Moderate storage ability.



**PT25. RED PONTIAC (100-110 DAYS)**

Late Season. Red Pontiac will supply you with a bumper crop of potatoes. The tubers have thin red skin with a crisp white flesh. A great variety for harvesting baby potatoes, and when it comes to gardening, there is nothing like digging up and boiling or roasting up fresh baby potatoes. Produces large, round potatoes when mature. This is a multi-purpose, dependable variety many of us here grow every year. Medium resistance to scab. Grows well in heavy soils. Stores extremely well.



**PT30. KEUKA GOLD (90-100 DAYS)**

Mid season. Rich-flavored, oval-shaped, yellow-fleshed, and buff skinned potato. While Yukon Gold is the premier potato grown by many home gardeners, Keuka Gold has been its rival since being introduced by Cornell University in 2004. Bred to handle the variable weather conditions of the northeastern United States with its uneven rain and fluctuating temperatures. Strong performer when grown under organic conditions with high, uniform yields. Tolerates most soil conditions. Resistant to scab and golden nematodes with great storage abilities. An all-purpose potato used boiled, baked, or roasted.



**PT35. KENNEBEC (110-120 DAYS)**

Late Season. A Maine potato developed in 1941 and named for the mighty river, which bisects our state. This variety offers high yields of large round to oblong tubers with a firm, starchy white flesh. A great potato for baking, roasting, mashing but most known for its superior frying ability. It has been a popular variety for years, but this will be the last season we will offer Kennebec, it is going out of production next year.



**PT20. RUSSET BURBANK (100-125 DAYS) HEIRLOOM**

Late season. Most widely grown potato in America. Dark skin with few eyes and white flesh making it extremely versatile. Long storage life. Great baked, mashed and perfect for the all important French fry.



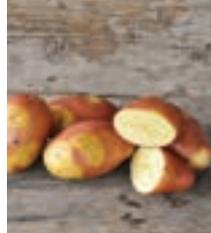
**PT29. YUKON GOLD (70-90 DAYS)**

Early Season. Yellow, waxy flesh has creamy consistency and rich, buttery flavor when cooked. Wonderful for grilling, roasting, boiling and frying. Frequently used in gratins, hashbrowns and yes! French fries. Works well with cream, butter, cheese and eggs. Also nice with herbs like oregano, basil, sage and tarragon. Smooth skin is free of eyes, and stores well.

**FINGERLING POTATOES**

**1 order (1 pound) - \$16.25**

**2 or more orders - \$14.50 each**



**PT5. PINTO GOLD (110-135 DAYS)**

Late season. A specialty fingerling style gourmet potato developed by the University of Maine. Red and yellow "pinto type" skin pattern with creamy yellow flesh. A great potato for the home grower, farm markets and restaurants. It may be harvested early for a smaller fingerling type potato or left in the ground for large baking type potato. Tubers can develop somewhat irregular shapes in extreme heat. Excellent roasted but also good boiled, pan fried and baked.



**PT51. RUSSIAN BANANA FINGERLING**

**(100-125 DAYS) HEIRLOOM**

Late season. Banana, which has a slight curved finger shape, is one the best known and easiest to grow fingerlings. Tan skin and light yellow flesh with a smooth, creamy texture. Excellent boiled and tossed with butter! Even better roasted or sliced into medallions and made into homefries.

Grow your own sweet potatoes! High in vitamins A & C, as well as beta-carotene, sweet potatoes are a nutritious food source. Plants grow best in a sandy loam soil and will thrive with minimal rainfall. Plant in rows that are 3' apart with 8-10" high mounded rows. Space plants 10-18" apart and 3-4" deep. Will be shipped direct to you from the grower. As sweet potatoes cannot withstand frost, plants will be shipped according to customer's last frost date as determined by our grower. April, May and early June are shipping months. Plants arrive with growing instructions and tasty recipes. Our grower suggests gardeners in Northern states use black plastic mulch, covering bedded rows 2-3 weeks before plants arrive, to warm the soil and aid growth. Sorry we cannot ship to Alaska, Hawaii, PR, or APOs.

**NO ORDERS ACCEPTED AFTER MAY 31ST. SHIPS APRIL, MAY AND JUNE (BASED ON ZONE) 1 order (25 plants) - \$29.95**



**SW3. VARDAMAN (100 DAYS)**

Bush type, this compact plant is ideal for garden, small space, and containers. Light orange skin with dark flesh and no strings. A delicious eating potato and a very good keeper, Vardaman sports decorative purple and blue vegetation.

**SW1. BEAUREGARD (90-100 DAYS)**

Heavy yielding, vine type, developed at Louisiana State University. Copper skin, moderately deep orange flesh, and consistent in shape. Tolerant to soil pox and does not crack open. Out yields all other sweet potatoes.

**SW2. GEORGIA JETS (90-100 DAYS)**

Heavy yielding, vine type, with remarkable hardiness makes this one great for northern gardens. Rose petal skin with orange flesh. Excellent for baking.

Bare root bulbs should be planted as soon as possible after delivery. Plant in a rich wooded area with filtered light. Choose a site void of evergreens such as pines, laurel, holly, etc. Plant 3" deep up to 1' apart with the tip up, slightly above the ground. Cover with leaves of hardwoods. If you do not have a wooded area available, use a shade structure, such as shade cloth, over the planting area to mimic forest canopy conditions. Provide adequate moisture throughout the growing season, not just during new growth periods. To ensure harvestable ramps for years to come, only harvest 15% of the plot each year. Active growing period is early and short. They die back in heat and need protection from the harsh sun.  
SHIPS MID-MARCH THROUGH END OF APRIL.



#### RM1. RAMPS (*ALLIUM TRICOCCUM*)

Ramps, a wild, beloved member of the allium family, are an early spring leek with bold onion and garlic flavor. Naturally found in shady, damp woodland areas, this vernal treat is a slow grower and can take 2-3 years to be of harvestable size when planted from bare root bulbs. Plant in an environment that mimics a shaded deciduous forest, with leaf litter and cool, damp soil. Enjoy a sense of foraging each spring by planting these delicious treats!

1 order (10 bare root bulbs) - \$25.95 each  
2 or more orders - \$24.50 each

Prepare a 3' x 3' hole with a mixture of soil, aged manure and compost. Hole should be filled within 2" of the top. Place root at the top of the prepared hole and cover with soil to ground level. (DO NOT plant root too deeply).  
SHIPS MID-MARCH THROUGH END OF APRIL.



#### RB3. MACDONALD

One of the first garden crops you can gather from your garden in the spring. Large, vigorous, tender stalks. Very good red color, excellent for pies, canning and freezing. Resistant to wilt and rot rot.

1 root - \$18.95 each  
2 or more roots - \$17.95 each

Plant in well drained soil, high in organic matter. Place crowns at soil level 8"-12" apart, spreading the roots out. Mulch 1"-2" deep to keep moist and control weeds.  
SHIPS MID-MARCH THROUGH END OF APRIL.

1 order (10 plants) - \$11.95 2 or more orders - \$10.95 each



#### ST20. SPARKLE

A robust producer whose flavor is highly rated. Viewed as one of the best strawberries for making jam and for freezing. Extremely easy to grow, this strawberry is a great option for beginners. Plants are June-bearing. Red stele resistant. Zones 3-8.



#### ST18. SEASCAPE - NEW!

Prolific day-neutral, everbearing variety. Produces berries starting early summer into the fall. An excellent performer for Northeastern gardens. A great way to harvest fresh strawberries all season long. Zones 4-7



# Garden Supplies



Though we specialize in seeds, a successful home garden needs some integral supplies in order to flourish. In this section you will find our holy grails of gardening supply basics, as well as specialty, hand-crafted tools, designed to become heirlooms of their own. From garden to table, and from our family to yours.



## SEED STARTING



NEW!

**H183. DARLAC DIBBER NEW!**

Looking for a more efficient way to plant your seeds and seedlings? This Darlac Dibber is the perfect tool for the job. Equipped with an eco-friendly bamboo handle and rope looped-end, this tool is easy to use, store, and comfortable to hold. The Darlac Bamboo Dibber also features a hand-welded, rust-resistant, stainless-steel head that will keep up with your individual gardening style. Simply use the head of the tool to create a hole in loose soil, then place your seeds in. This method allows you to plant your garden quicker, more delicately, and with minimized disruption to your soil. - \$22.95



NEW!

**H184. WIDGER NEW!**

Made of stainless steel, this spatula-shaped tool makes separating and transplanting your seedlings both easy and painless. To use, simply push the tool under your planted seedlings, gently scooping underneath their roots to push the seedlings up. This method alleviates any stress or damage that could otherwise occur to root systems by pulling your plants up from the top. Measures 7" long, tapered from 3/4" to 1/2". - \$13.95



NEW!

**H166. HAXNICKS DEEP ROOTRAINERS NEW!**

Grow healthier plants with stronger roots when you use Haxnicks Deep Roottrainers. These Roottrainers implement a grooved-cell design, which directs new roots downward towards the container's drainage opening. "Air-pruning" design allows roots to die as they hit the air, promoting optimal root formation through healthy, new growth. Roottrainer can be easily opened for moisture and root-progress observation, as well as for simple plant removal. Features 32, 5" reusable cells, plus a holding tray and propagating lid. Perfect for seed and seedling growth, year after year. - \$24.95

**H101. MINI SEEDMASTER**

A precise little seeder that allows you to plant small seeds in germination flats or directly into the garden. Will handle most seeds up to the size of a radish seed, including all brassicas, carrots, lettuce, and 75% of flowers. Practically eliminates the need for thinning so no seeds are wasted. - \$3.95

**PEAT POTS**

Using peat pots is another eco-friendly alternative to start your seedlings. Pre-formed pots are made from a combination of porous Canadian sphagnum moss and wood pulp allowing excellent root growth. Unlike plastic ones that fill our landfills, they are biodegradable. Can be planted directly into the ground or tossed into the compost bin after planting.

**H112A. 50 pots - 3" round - \$7.95**

**H112B. 100 pots - 3" round - \$14.95**

**H117F. SEED STARTER TRAYS (5 count)**

Solid bottom tray can be used with our 806 insert (H117A) and all of our individual peat pots, cow pots, and peat pellets for starting seeds. Our propagation dome (H117DS) fits atop perfectly to make an ideal seed starting set. Made in USA. - \$13.95

**H117DS. PROPAGATION DOME**

This clear acrylic dome helps maintain an incubator-like atmosphere. Seeds germinate and emerge into the perfect warm, moist environment. This fits our standard seed starting tray (H117F) with solid bottom for an ideal starter kit. The dome can be reused continuously. 21 3/4" long x 11" wide x 2 1/2" high. Made in USA. - \$3.95 EACH

## SEED STARTING

**COW POTS - THE POTS YOU PLANT**

100% biodegradable. A great alternative to plastic and peat! Made of 100% renewable, recycled composted cow manure from a family-owned dairy farm in Connecticut. CowPots fully decompose with no waste or odor, providing nitrogen-rich fertilizer to your plants. They can be top or bottom watered. CowPots turn dark brown when wet, and light brown when it's time to water. Give the pot time to dry and harden between waterings. Leave space between pots to allow for air circulation. When seedlings are ready for planting, place entire pot into the soil, cover, and water. CowPots last for months above ground, but once transplanted, the pots begin to degrade. Plant roots will penetrate the CowPot wall, eliminating transplant shock.

**H110D. 3" square (25 count) - \$8.95**

3" wide x 2 7/8" high with a 1 7/8" base

**H110E. 3" six cell flats (3 count) - \$6.95**

6" wide x 9 1/4" long with 6 individual cells measuring 2 1/2" x 2 1/2" x 3" deep

**H110F. 4" square (25 count) - \$9.95**

4" wide x 3 3/4" high with a 2 1/2" base

**H110G. 4" round tall (25 count) - \$11.95**

4 3/8" wide x 4 1/2" high with a 3" base

**H113. FIBER PACK STRIP**

This set of six fiber packs are connected into one strip that fits our standard seed starting trays (item # H117F) perfectly. Still a popular greenhouse pick for starting seeds, this biodegradable peat flat forgives over-watering, insulates the roots, and can be easily separated with no sharp edges. Each fiber pack measures 6" l. x 5" w. x 2" h. Overall strip measures 21" l. x 10" x 2" h. - \$3.95

**H117A. 806 INSERT (5 Pack)**

Each insert has 8 detachable cell packs measuring 2 1/2" deep with 6 cells for a total of 48 cells. Great for starting seedlings. Made in USA. Overall measures 21" l. x 10.5" w. x 2.25" h. - \$6.95

**JIFFY-7 PEAT PELLETS**

These convenient, pre-dibbed, 1/4" thick disks are comprised of compressed peat and when soaked in water, they expand to 7 times their height so your seedlings can be planted directly into the ground. Each pellet is wrapped by thin, biodegradable netting so the root ball stays intact, allowing roots to grow through, preventing transplant shock. The 42mm pellet is 1.6" diameter and expands to 1.6" in height.

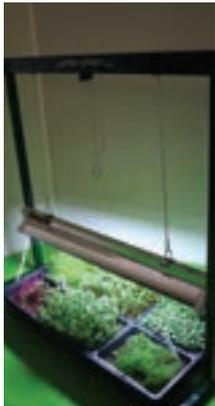
**H114A. 50 pellets - \$10.95**

**H114B. 100 pellets - \$18.95**

**H117ES. 20-ROW SEEDLING FLAT**

Conserve space and sow a variety of seeds at the same time. Each row is 10" long x 7/8" wide x 1 1/4" deep. Although this tray requires no under tray it does have a rim that sits on the edge of our solid bottom tray (H117F) that can be adapted by trimming to fit snugly at the bottom of the solid tray for bottom watering if you prefer. Not designed to be placed onto a heating source as the thin rows can dry out very quickly. Made in USA. - \$4.95 EACH

## SEED STARTING

**JUMP START GROW LIGHT SYSTEM**

Maximize your germination and growth rate with the ideal growing system for your seedlings! No more leggy seedlings reaching for light with this carefree lighting system. Easy to operate, it has a toggle clamp on the frame making it adjustable by just the pull of the cord. Powered by a high output T5 5/8" bulb, it offers a full daylight spectrum that is over 2 times more efficient, and with the reflective fixture above it directs 20% more light than ordinary fluorescents. Sturdy frame is simple and quick to assemble and comes with a 6 ft grounded cord with an on/off switch.

(SHIPPING & HANDLING ITEM SURCHARGE: \$3.95)

**H116. 2' JUMP START GROW LIGHT SYSTEM** measures: 24 1/2" h. x 18 1/4" w. x 26" l. - \$99.95

**H116A. 4' JUMP START GROW LIGHT SYSTEM** measures: 31 3/4" h. x 18 1/4" w. x 50" l. - \$139.95

**H123. JUMP START GERMINATION STATION**

An ideal way to start your garden! You're in full control with this germination station. Includes 72-cell seedling insert, 11" x 21" watertight base tray, 2" humidity dome, UL-listed waterproof heat mat 19.5" x 9" (17 watts, 120 volt) and instructions with growing tips. The vented plastic dome means better humidity control for optimum growth, and having everything in one, heatable space leads to healthier growth starts and increased germination success. Browse our selection of seeds to buy and plant. For more heat control buy our compatible heat mat thermostat #H122. - \$42.95

**JUMP START SEEDLING HEAT MATS**

The perfect germinating conditions for indoor seed starting. The bottom heat will give an ideal warm soil environment for quicker germination and give plants a healthier start. Essential for many flowers, peppers, tomatoes, and eggplants, the heat mat provides uniform heat for warming the root area up to 20% more than existing air temperature. Thick, waterproof mat has a multi-layer construction that is heat bonded, not glued, to stay sealed for durability and a 6 ft power cord. Instructions and tips are printed directly on the mat. Made in the USA.

**H118. SMALL SEEDLING HEAT MAT** 19.5" x 9" - \$32.95

FITS UNDER ONE COMMON SEED TRAY WITH 17 WATTS, 120 VOLTS.

**H119. LARGE SEEDLING HEAT MAT** 48" x 20" - \$99.95

FITS UNDER 4 COMMON SEED TRAYS OR A VARIETY OF POTS WITH 107 WATTS, 120 VOLTS.

**H161. VERMONT COMPOST COMPANY COMPOST PLUS CONTAINER & TRANSPLANT BOOSTER MIX (6 QT) NEW!**

A compost-based soil amendment that improves soil health over time. Through organic matter building and the support of healthy bacterial and fungal communities, this amendment will transform your soil. Great for boosting transplants, houseplants, heavy feeding crops, and for top or side dressing perennials. Filled with nutrients, minerals, and organic matter for your plants, this amendment is versatile and will not harm roots. To apply, use as-is and water in, mix directly into depleted soil, or create a compost tea. VOF and NOP-approved for organic gardening. - \$15.95

**H122. HEAT MAT THERMOSTAT**

A digital temperature control device for gardeners to select and maintain optimum rooting temperatures for faster seedling growth. Includes a temperature probe with a 6 ft cord to ensure a precise temperature from 68-108 F. Model #MTPRTC for use with all Jump Start (Hydrofarm) heat mats including our H118 and H119 heat mats. 120 volts. - \$49.95

**H117. MESH STARTING TRAY (Set of 5)**

Proper air circulation is vital for tender seedlings. The 1020 medium-weight mesh bottom trays with solid side walls provide air movement and drainage. They accommodate any standard insert, plant pots, and more. Designed to provide additional support and stability when combined with 1020 solid bottom trays. Measuring 21 1/8" x 10 1/2" x 2 1/2" in size. Sold as a set of 5 trays. 5 count - \$11.95

## PLANTING MEDIUMS

**H140. COAST OF MAINE SPROUT ISLAND SEED STARTER (16 QT) NEW!**

The Sprout Island Seed Starter is a compost-based soil that consists of blended sphagnum moss, compost, aged bark, perlite, kelp meal, lobster and crab shell meal, worm castings and mycorrhizae. This fluffy soil blend provides natural, slow-release nitrogen, moisture retention, and aeration for your seeds and cuttings, effectively "coddling" your plant babies in their earliest stages. After moistening and mixing this seed starter with warm water, simply fill your container up to a 1/2 inch from the top, tapping to allow the mixed soil to settle, then plant and care for your seeds as directed on their seed packets. Coast of Maine's Sprout Island Seed starter is made of natural ingredients, and OMRI listed. (SHIPPING & HANDLING ITEM SURCHARGE: \$3.95) - \$20.95

**H160. VERMONT COMPOST COMPANY FORT LIGHT COMPOST-BASED POTTING SOIL (6 QT) NEW!**

A lightweight, compost-based soil packed full of natural fertilizers and plant foods. This soil will help your plants flourish with no additional fertilizers. The pairing of compost-based potting mix with added perlite makes Fort Light a quick-draining soil, great for plant pots, hanging baskets, and smaller-celled trays. Fort Light provides ideal conditions for even the trickiest of seeds to thrive and is a favorite among flower growers. To use, simply wet the soil with warm water a few hours before planting, then plant away! While storing, avoid direct sunlight and any drastic changes in moisture. Vermont Compost Company has a strong commitment to minimizing environmental impact while also providing premium potting soil. VOF and NOP-approved for organic gardening. - \$14.95

**H162. VERMONT COMPOST COMPANY FORT VEE ALL-PURPOSE COMPOST-BASED POTTING MIX (6 QT) NEW!**

A robust, moisture-retaining potting mix that is perfect for seed germination, soil blocking, transplanting, and houseplants. Named for its vermiculite content, Fort Vee is specially designed for aeration and drainage, which makes the potting mix perfect for healthy root development. Additionally, Fort Vee contains tons of healthy bacteria and fungi communities, which improve overall soil health, on top of finely ground granite and basalt, which provide a slow-release of minerals to your plants for years after initial use. VOF and NOP approved for organic gardening. - \$14.95

PLANTING MEDIUMS



**H382. COCO COIR BRICKS (3 PACK)**

This organic growing medium is a great alternative to peat moss and potting soil with excellent air and moisture retention especially for too-packed or over-watered soils due to poor drainage. Extracted from coconut husks, the coir fiber's texture is the ideal balance giving your plant room to breathe and room for roots to grow freely. The compressed bricks are free from pathogens and seeds. Each brick measures 4" w. x 8" l. x 2 1/4" d. Once moistened with 1 1/2 gallons of water, it expands to 2-2 1/2 gallons of potting medium. This 3 pack is equivalent to 7.5 gallons (1 cu ft.) with a pH of 5.5 to 6.2. - \$13.95

PLANT AND GARDEN LABELS



**H651. FINE GARDEN MARKER NEW!**  
0.8MM FINE TIP

**H652. MED GARDEN MARKER NEW!**  
1.2MM MEDIUM TIP

Once you start using this fade-resistant, waterproof Garden Marker, you'll never want to stop. A UV filter makes the marker's ink stay vibrant even through the harshest summer rays, while the waterproof quality allows your markings to stay put through rain, frost, and snow. The Garden Marker will tackle all of your garden-writing needs and materials from containers, labels, metal, plastic, ceramic, wood, and more. Xylene-free and formulated with non-toxic, alcohol-based ink to prioritize both your safety, as well as the environment. Available in 0.8 Fine Tip for smaller tags and labels, as well as the 1.2 Medium Tip for bolder lines and larger labels. - \$4.95 each



**WOOD & PLASTIC PLANT LABELS**

Use these plant labels to identify plant names, dates, and other information. Shorter labels are primarily for pots and flats while larger sizes serve best in the garden. The natural wood labels are made of white birch right here in Maine. The white plastic are very popular and should last you several seasons.



- H630B. 4" WOOD - 50 for \$3.95
- H635B. 6" WOOD - 50 for \$4.95
- H640B. 8" WOOD - 50 for \$5.95
- H632B. 4" PLASTIC - 80 for \$5.95
- H637B. 6" PLASTIC - 80 for \$7.95
- H642B. 8" PLASTIC - 80 for \$11.95



**H646. COPPER PLANT LABELS 10 INCH (10 pack)**

A set of 10 attractive copper plant markers that are ideal for herb gardens, greenhouses, seed trays, window boxes & vegetable gardens. Easy to engrave with a ballpoint pen. The copper label will naturally weather outdoors, changing colors over time. Copper label area measures 2 1/2" x 3/4" with metal stakes. Total height 10". - \$9.95



**H647. WHITE T-STYLE PLANT LABELS (10 pack)**

Durable, waterproof, white plastic markers to label rows and plants. Features a 2" x 1 1/4" writing area or simply slide your empty seed packet over the top to mark your rows. The white color is highly visible against the greenery. Package of 10 labels. Measures 6" in total length. - \$4.95

CONTAINER ITEMS



**H691. AL'S FLOWER POUCH GROWING BAG**

From early spring to late fall, showcase your green thumb with a beautiful planted display on your wall, fence, or mailbox post. Made of heavy gauge UV protected green polyethylene film, the pouch consists of 10 pre-sliced inserts to place your plants into without the guesswork of spacing. It holds approximately 1.5 gallons and has a 7" handle to hang. Be creative and try tomatoes, cucumbers, strawberries, herbs, lettuce, impatiens, petunias, mums, and more! Measures 27" l. (including 7" handle) x 8 1/2" w. - \$2.95



**ROOT POUCHES**

Root Pouches are degradable pots made of a mixture of recycled natural fibers and recycled bottles otherwise destined for landfills. The lightweight breathable fabric begins to break down once planted into the ground. Benefits include: allows air and water to freely pass, decreases the risk of transplant shock, prevents roots from circling, will withstand UV rays, provides insulation from winter cold, allows roots to cool in summer heat, and produces quicker growing times. Offered in 4 sizes.



**H717A. ROOT POUCH (3 GALLON)**

Color grey, measures 10" wide x 8.5" high, longevity 3-4 years (No Handles) - \$3.95



**H717B. ROOT POUCH (5 GALLON)**

Color grey, measures 11" wide x 10.25" high, longevity 3-4 years (With Handles) - \$4.95



**H717C. ROOT POUCH (10 GALLON)**

Color grey, measures 16" wide x 12" high, longevity 3-4 years (With Handles) - \$6.95



**H717D. ROOT POUCH (15 GALLON)**

Color black, measures 17" wide x 15" high, longevity 4-5 years (Not Pictured) (With Handles) - \$9.95



**H130. BOSMERE POTATO PLANTER BAG**

Enjoy the real taste of homegrown potatoes! No need for a garden. No need for digging. Great for decks, balconies, and patios. Simply plant between 3 to 5 seed potatoes per bag. The flap at the bottom of the green bag allows you to check your potatoes. Its webbed handles make moving it easier. Drainage holes are located at the bottom. Made from woven polyethylene, easy to wipe clean and takes up virtually no storage space when the season is over. Bag holds approximately 36 quarts of planting mix. For best results, use 3 bags and plant every 4-6 weeks to spread your harvest over a longer period. Planter bag measures 18" high x 14" in diameter. (1 Bag) - \$13.95

TRELLIS NETTING & PLANT SUPPORTS



**H623. 3-PLY JUTE TWINE**

Soft, all natural, pliable, and biodegradable 3 ply jute twine is used in a multitude of ways in the garden or around the yard due to its softness and good tying qualities. Each roll is 243 feet in length. - \$2.95 PER ROLL



**TRELLIS NETS**

Made of tough, flexible nylon, these trellis nets are ideal for growing peas and climbing vegetables and flowers. Harvesting is easy with the 7" squares that let you reach through on either side. It conserves space, keeps your produce off the ground, and holds up a bountiful harvest remarkably well when properly secured with stakes. Made in USA.

H601A. TRELLIS NET - 5' x 15' - \$11.95

H601B. TRELLIS NET - 5' x 30' - \$16.95

H601C. TRELLIS NET - 5' x 60' - \$27.95



**H625. SOFT TWIST TIE (16FT. SPOOL)**  
Multi-purpose soft ties are convenient for any number of tasks around the yard. Simply cut to the length you need and form to any shape to wrap hoses, extension cords, plant support ties, etc. Made of green, rubber-coated wire that's bendable and reusable year after year. A must have around the garden, storage shed, and garage. Package contains 16 feet. - \$4.95



**H628A. VELCRO BRAND® ONE-WRAP® GARDEN TIES (50FT. SPOOL)**  
VELCRO® Brand ONE-WRAP® Garden Ties make garden staking easy with no knots, twists, or tying. Simply cut to length and wrap the tie onto itself for a secure hold around the plant and post, stake, or trellis. Allow for a 2 inch overlap. The ties are reusable, adjustable, and gentle on plants. Now made with 65% post-consumer recycled materials. One roll measuring 50 feet in length x 1/2 inch (15.2 m x 1.2 cm). VELCRO® is a registered trademark of Velcro BVBA. Used with permission. - \$5.95



**H629. LEVER LOOP PLANT GRIPPERS (50 PACK)**  
50 reusable plant clips to secure stems and vines to stakes, trellises, or wire. Also, useful for attaching lights to trees and shrubs for decoration. Each package contains an assortment of 3/4" or 1" clips. Simply squeeze the "handles" to open the loop. - \$6.95

WATERING AIDES



**H593. DRAMM 30" ONE TOUCH RAIN WAND NEW!**  
Make watering easy and strain-free with this 30" One Touch Wand. Made from aluminum, impact-resistant plastic, and fit with a rubber over-mold, this wand is built to be both lightweight and durable. The One Touch design allows for full control of water flow with just your thumb, preventing any strain from squeezing. Because of the 30" length, this wand is perfect for gentle watering and for easily watering plants at their roots. The 30" One Touch Rain Wand product also comes with a lifetime guarantee from Dramm. (Assorted colors: Red, Orange, Yellow, Green, Blue, Purple) - \$29.95



**H594. DRAMM ONE TOUCH REVOLUTION 9-PATTERN SPRAY GUN NEW!**  
Revolutionize how you water your garden with this One Touch, 9-pattern spray gun. Water your gardens and control water flow with just the touch of your thumb, preventing any strain from squeezing while you do so. Easily switch between all 9 spray patterns with the spray gun's quick-change feature for versatile and precise watering. This spray gun is ergonomic, heavy-duty, and lifetime guaranteed by Dramm. (Assorted colors: Red, Orange, Yellow, Green, Blue, Purple) - \$15.95



**H596. BASIC RAIN GAUGE**  
This simple design with large numbers for easy reading measures up to 6" of rainfall. May be placed in the ground or mounted on a post (screws not included). Rugged one piece molded polystyrene measuring 12" in length with an opening measuring 2 5/8" x 1". Clean with mild soap and water as needed. - \$7.95



**H181. FAUCET GRIP**  
The ideal tool for easy turning of outdoor faucets. Round outdoor faucets can be extremely difficult to grasp and turn when wet, slippery or cold. Faucet grip is the simple solution that gives you a good grip with extra leverage to easily turn and loosen even the tightest outdoor faucet. Additionally, it will help to save water by providing a stronger grip to firmly tighten the faucet and prevent dripping. Mount it over your existing faucet handle using the included hardware. Quick to attach and fits most round or oval outdoor faucets. Measures 4" x 2". - \$10.95

WATERING AIDES



**H590. BOOGIE-BLUE BASIC WATER FILTER**  
Boogie-Blue Basic Water Filter will safely reduce chlorine, heavy metals, and other common toxins like pesticides from your water. Threads easily onto any 3/4" hose. Contains a single activated carbon membrane derived from virgin coconut shells. A stand-alone filter with an effective lifespan of approximately 10,000 gallons. Promotes healthy plant nutrition and growth, returning natural balance back to the soil. Useful for gardening, livestock/pets, pools, spas, compost teas, and all water system installations. Made in the USA. - \$36.95



**H694. SOIL MOIST GRANULES (1LB.)**  
A must have to save you 50% on your watering time. Polymer granules, when mixed into the soil, absorb and retain water like a sponge. When soil begins to dry, the stored water is slowly released back to the plant's root system. Polymers do not contain any fertilizer, and last 3-5 years in the soil. Only a minimal amount is needed for each container, so a jar should last awhile. - \$13.95

SOIL TESTERS, FERTILIZERS & SOIL AMENDMENTS



**H142. COAST OF MAINE STONINGTON ORGANIC PLANT FOOD 5-2-4 (4 LB) NEW!**  
The Stonington Blend Plant Food consists of 3 main ingredients: lobster meal, kelp meal, and earthworm castings. The ingredients in this blend are perfectly textured to prevent in-bag separation, ensuring that your plants always receive the benefits of a balanced 5-2-4 distribution with this product. The high nitrogen content of this plant food makes it the most beneficial to your leafy green plants, such as lettuce, or leafy herbs. The blend's fertilizing powers will invigorate your soil, giving all of your plants a significant boost. Coast of Maine's Stonington Blend Plant Food is OMRI listed. - \$19.95



**H143. COAST OF MAINE BUDS & BLOOMS FISH BONE MEAL 5-13-0 (3 LB) NEW!**  
This high-phosphorus, 5-13-0 fish bone meal is the perfect organic plant food for your blooming and budding plants. Apply to bulb holes, vegetable gardens, containers, and trees and shrubs. For best results, mix the bone meal thoroughly with soil to allow phosphorus to spread, and for outdoor use, apply in Spring after the weather has warmed. This bone meal is preservative-free and is derived from dried, ground Pacific Whiting bones. Coast of Maine Buds & Blooms Fish Bone Meal is OMRI listed. - \$19.95



**H144. COAST OF MAINE GREENING & LEAFING LOBSTER MEAL 6-2-0 (4 LB) NEW!**  
An organic plant food made entirely of lobster and crab shell meal, mixed to provide your plants with loads of essential, natural nitrogen and calcium. This Greening & Leafing Lobster Meal is the perfect fertilizer for amping up your plants' leafy-green growth and for plants in their vegetative growth phase. Applying in the Spring, simply spread, mix, or dress with this plant food to match your gardening needs. Coast of Maine's Greening & Leafing Lobster Meal is OMRI listed. - \$19.95



**H145. COAST OF MAINE ALL PURPOSE KELP MEAL 1-0-1 (4 LB) NEW!**  
Environmentally friendly, 100% natural, and a strong source of both macro- and micro-nutrients, Coast of Maine's All Purpose Kelp Meal 1-0-1 is an organic plant food made entirely of dried Norwegian kelp. Great for improving crop yields, as well as improving budding, flowering, and fruiting, this plant food is an excellent and safe option for fertilizing your plants. This kelp meal is also easy to use and can be mixed directly with soil, used to dress, or made into a kelp tea that your plants will love. A single-source fertilizer, and NOP compliant. - \$19.95

SOIL TESTERS, FERTILIZERS & SOIL AMENDMENTS



**H310. DIAL COMPOST THERMOMETER**  
Temperature plays an important role in the composting process. Decomposition occurs most rapidly between 110° to 160° F. This simple, easy to read thermometer with a dial scaled from 0° to 220° F and from -17.8° to 104.4° C will assist you in determining the appropriate time to turn your pile. The 19" stainless steel probe is specifically designed for compost. - \$22.95



**H303. DIAL SOIL THERMOMETER**  
Check your soil temperature before setting out your seedlings with this easy to read thermometer. Simply insert the 6.5" probe into the soil to a depth of 2-3" and check the temperature recorded after 3 minutes. Made of a corrosion proof aluminum, it is scaled to read from 30-90° F and includes guidelines on the minimum temperature to plant the most common vegetables. - \$12.95



**H304. RAPITEST SOIL TEST KIT**  
Color-coded capsule system will reveal the nutrients your soil needs in minutes. By testing the nitrogen, phosphorous, potash and the pH levels (acidity and alkalinity) of your soil, you can determine whether to fertilize or adjust the pH levels for your plants' growing needs. Take a sample of soil and mix it with water, add the powder from the capsule, and watch the test results. Kit includes 4 test holders, 40 test capsules, 10 each for pH, N, P and K, instructions for adjusting the pH and fertilization guidelines. - \$18.95



**H307. 4-WAY ANALYZER**  
Durable and compact in size, this calibrated meter does it all. Remarkable 3-probe analyzer measures the 4 most important aspects of plant's health. Light reading where the plant is located, soil moisture at the root level, pH level of the soil on a scale of 0-9 and a combined nitrogen, phosphorus, potash reading determined on a "too little" or "too much" scale on the soil's fertility. No batteries required. - \$35.95



**H306. ELECTRONIC SOIL TESTER**  
This dual purpose electronic meter tests soil pH and combined nutrient levels in about one minute. The pH portion of the tester measures pH values within a range of 1-9. The fertility portion of the instrument measures the soil levels nitrogen, phosphorus, and potash (NPK) content in combination. Complete instructions and a pH preference list for 350 plants are included. One AA battery is required (not included). - \$24.95



**H301. RAPITEST SOIL MOISTURE TESTER**  
A helpful garden tool that tests the soil for moisture. Instantly, indicates when you need to water plants and helps to prevent over watering. Simply insert the probe into the soil and observe where the indicator falls on a scale of 1-4 (dry-wet). A chart provided lists over 100 plants and their assigned watering number. Water the plant when the needle falls on the number or below. For indoor and outdoor use. Cleaning pad included. No batteries required. - \$7.95



**H302. RAPITEST SOIL PH TESTER**  
Measure the acidity/alkalinity of the soil using this pH tester. Prepare the soil sample, clean the probe, and take a pH reading. A list of over 50 plant pH preferences is located on the back of the package. It includes vegetables, fruits, flowers, and shrubs. For indoor and outdoor use on soil only (not liquids). Cleaning pad included. No batteries required. - \$9.95

SOIL TESTERS, FERTILIZERS & SOIL AMENDMENTS



**H334P. NEPTUNE'S HARVEST TOMATO AND VEG 2-4-2 (PINT)**  
Introducing Neptune's Harvest Tomato & Veg Formula 2-4-2. This is a perfect complete fertilizer for your tomatoes, vegetables, and more. Made from fresh fish, seaweed, molasses, yucca extract and humic acids. This formula was uniquely designed for plants with intense growth or "vegging" stages. Growers using the Tomato & Veg Formula have seen increased stalk/stem mass resulting in higher yields. In addition, Tomato & Veg provides necessary nutrients to keep your plants vigorous with strong root zones and lush foliage. Therefore, increasing the plants' tolerance to various diseases, temperature and drought. **APPLICATION RATE:** 1 oz. liquid concentrate per gallon water, every 1-2 weeks. One pint makes approximately 16 gallons. - \$17.95



**H335P. NEPTUNE'S HARVEST ROSE AND FLOWERING 2-6-4 (PINT)**  
Announcing another new Neptune's Harvest formula! The Rose & Flowering Formula 2-6-4. Formulated for flowering plants to increase vigor during flowering and to increase the volume and density of buds that produce healthy, vibrant flowers. Made with fresh fish, molasses, yucca extract, seaweed and humic acids, the formula will ensure that your plants are healthy and happy, produce lush foliage and maximize their flowering ability! Application rate: 1 oz. liquid concentrate per gallon water, every 1-2 weeks. One pint makes approximately 16 gallons. **FOR BEST RESULTS:** Rose & Flowering Formula should be used in combination with Tomato & Veg Formula as described below, but can be used alone. **PART 1:** Tomato & Veg during the vegging stage of the plant. **PART 2:** Rose & Flowering once buds begin to appear, when flowering begins. - \$17.95



**H311P. NEPTUNE'S HARVEST FISH FERTILIZER (PINT)**  
100% organic liquid fish fertilizer is made from fresh North Atlantic fish using a unique cold process that protects the vitamins, amino acids, enzymes and growth hormones. Contains all the micro and macro nutrients found in fish. Builds healthier soils by aiding bacteria and other organisms, making plants less susceptible to insects and disease. Excellent as a foliar feed that outperformed 20-20-20 chemical fertilizers in university studies. One pint makes approximately 16 gallons of outstanding fertilizer. - \$14.95



**H333. NITROGREEN ORGANIC FERTILIZER 13-0-0**  
NitroGreen is a 100% plant-based organic fertilizer that can be used on all plants and vegetables. It does not contain any harsh ingredients that will burn the plants. 100% water soluble and dissolves completely into a solution to ensure immediate delivery of nutrients. The fertilizer has the highest nitrogen available in the industry which is essential for plant growth and establishment. Normally applied as a water solution, but can be applied dry. For outdoor plants: mix 7 teaspoons per gallon of water. One gallon treats about 12-15 square feet or 7 gallons about 100 square feet. Indoor plants: mix 2 teaspoons per gallon of water. Should be applied every 2 weeks during the growing season. 14 oz bag. OMR listed. Made in USA. - \$13.95

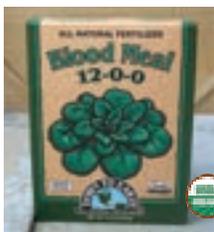
## SOIL TESTERS, FERTILIZERS &amp; SOIL AMENDMENTS

**H337. DOWN TO EARTH ALL PURPOSE FERTILIZER - NPK 4-6-2**

This gentle, non-burning fertilizer is perfect for all of your transplants, vegetables, herbs, flowers, and container plants. The All Purpose Fertilizer delivers a steady supply of essential nutrients to your plants while naturally enhancing soil fertility and microbial activity. Formulated with organic fish bone meal, blood meal, feather meal, rock phosphate, langbeinite, greensand, humates, and kelp meal. OMRI listed. **5lb. - \$16.95**

**H338. DOWN TO EARTH FISH BONE MEAL - NPK 4-12-0**

As a marine-based alternative to traditional bone meal, this organic Fish Bone Meal is a great source of phosphorus and calcium for your plants. Especially wonderful for all flowering and fruiting plants, trees, and shrubs. The phosphorus content in this mix will boost root development and growth, allowing your plants to absorb more water, grow faster, and become healthier overall. Additionally, this Fish Bone Meal contains a small amount of nitrogen which is ideal for new garden beds, perennials, and bulbs. OMRI listed. **5lb. - \$16.95**

**H339. DOWN TO EARTH BLOOD MEAL - NPK 12-0-0**

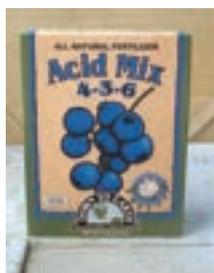
A natural, high nitrogen fertilizer guaranteed to promote rapid green growth, especially in your leafy-green vegetables. Great for heavy feeders such as corn, spinach, salad greens, and garlic, as well as for starting fruiting plants such as tomatoes, peppers, and melons. The high nitrogen content of this Blood Meal also helps compost piles heat up and break down faster. OMRI listed. **5lb. - \$29.95**

**H340. DOWN TO EARTH ROSE & FLOWER MIX - NPK 4-8-4**

A flower-specialized blend providing ample nitrogen for vigorous growth, extra phosphorus for beautiful blooms, plus potassium and trace minerals for a healthy plant stock. This mix will supply all of your bulbs, annuals, and perennials with the right nutrients needed for a sensational flowering season. Apply while planting new perennials, roses, and bulbs, and when new growth appears on established plants. Made from fish bone meal, langbeinite, blood meal, alfalfa meal, seabird guano, rock phosphate, humates, and kelp meal. OMRI listed. **5lb. - \$16.95**

**H344. DOWN TO EARTH VEGETABLE GARDEN FERTILIZER - NPK 4-4-4**

An organic, all-purpose fertilizer packed full of powerful plant nutrition that will help your garden grow! This mix provides a perfect start for your spring veggies, gives your summer tomatoes superpowers, and is fantastic for growing your favorite herbs. Vegetable Garden's broad nutrient profile is ideal for planting, transplanting, container gardens, and for general use throughout the growing season. Additionally, the 6:1 calcium-to-magnesium ratio in this mix will help you prevent blossom rot in plants. OMRI listed. **5lb. - \$16.95**

**H336. DOWN TO EARTH ACID MIX FERTILIZER - NPK 4-3-6**

An all-natural fertilizer specially blended for acid-loving plants such as blueberries, raspberries, rhododendrons, azaleas, hydrangeas, evergreen trees, shrubs, and many more that thrive in low pH soil. Apply in the early spring to promote lush flowers and vegetation, then again when blooms appear. Late fall applications will assist with healthy root growth and boost plants' resistance to colder temperatures. This mix is derived from cottonseed meal, fish bone meal, langbeinite, rock phosphate, kelp meal, and humates. **5lb. - \$16.95**

## INOCULANT

**NATURE'S AID INOCULANT**

This organic, non-toxic granular garden inoculant aids in the growth and yields of garden peas, sweet peas, beans (except soybeans), and lima beans. It contains billions of live bacteria that live around the root zone which extract nitrogen from the air to a usable form the plant can use. The plant then produces its own organic source of nitrogen leading to lush vine growth and ultimately greater yields. Inoculating organisms include: *Rhizobium leguminosarum*, *R. phaseoli* and other *Rhizobium* species. Please note this product has an expiration date: 12/31/2024. Made in USA.

**H120. TREATS UP TO A 40' ROW 2.3 OZ. BAG - \$5.95**

**H121. TREATS UP TO A 150' ROW 8.7 OZ. SHAKER CAN - \$16.95**

## SOIL AMENDMENTS

**H141. COAST OF MAINE WISCASSET BLEND EARTHWORM CASTINGS (8 QT) NEW!**

This gentle and natural fertilizer is an organic, finely textured blend, sourced from one of your garden's best friends—earthworms. These earthworm castings are a premium, odorless, soil builder, which provides both your indoor and outdoor plants with essential nutrients and healthy bacteria, helping your plants to grow stronger and more abundantly. Simply sprinkle these castings on top of your plants' soil, mix them into the top layer of your garden, or mix a cup of the blend with a gallon of water to make a compost tea. In addition to this product's versatility and ease of use, Coast of Maine's Wiscasset Blend Earthworm Castings are also made of 100% natural ingredients and OMRI listed. **- \$18.95**

**GUANOS** Guano, the droppings of seabirds, or bat droppings collected from caves, has long been preferred by gardeners as an important source of non-chemical fertilizer. Provides extremely concentrated nutrients high in nitrogen, phosphorus, potassium and micro nutrients, so the usual application rate is minimal. Side dressing plants shows dramatic results and adding it to your houseplant containers gives them a super charge.

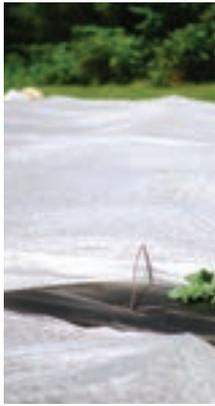


**H328. FOSSILIZED SEABIRD GUANO (2 LB. BAG)** Large percentage of phosphorus and trace elements make this an all-around soil amendment for houseplants, vegetables and shrubs. Aids in healthy root growth and bud development and can be used as a seed starter mix by mixing 1 lb. per 5 gal. of potting mix. Use 1 tbsp per 4" diameter container or 2 lbs. per 100 square feet and rake into soil. NPK 0-9-0. **- \$10.95**



**H327. DESERT BAT GUANO (1LB. BAG)** Especially good for green crops, due to the high nitrogen ratio, as well as fruit-producing vegetables, roses and perennial plants. Apply 1-2 lbs. per 100 square feet of growing area or seed row, 1-2 tsp. for an 8" diameter container, 1/4 cup dry per 1 gallon sized transplant holes or mix 1 cup for every 5 gallons of water. NPK 8-2-1. **- \$9.95**

MULCHES, LANDSCAPING FABRIC & WEED CONTROL



AgroFabric® creates a stable and favorable microclimate for your crops. It captures extra heat during the day and slows the loss of stored heat at night from the soil. As a result, AgroFabric® raises minimum temperatures without crushing or suffocating your plants. Essential for frost sensitive vegetables, berries, and container plants. The material is flexible and porous allowing air, water, and sunlight through to assist in growth. Made in USA.

**H520. AGRO-FABRIC PRO19 ROW COVER**

Lightweight material provides up to 4°F of frost protection to extend your growing season. Transmits 95% light and 0.55 oz. per sq. yd. Six feet wide. You determine the length needed. Purchase by the foot with a minimum of 10 feet. - \$0.60 PER FOOT (10' MINIMUM)



**H515. RED TOMATO TRAYS (3 PACK)**

Red plastic trays protect your tomatoes against drought, weed growth, and shielding from cutworms. Color stimulates growth by reflecting red light back onto the plants increasing the yield up to 40%. Split tray design makes it easy to slide around the plant's stem. Corner spikes aid in anchoring to the ground by covering the outer flange with 1" of soil. Water and fertilize by filling each of the corner holes and the entire tray. Add a stake or a cage for support. - \$11.95



**H500. THE ORIGINAL KOZY COATS (3 PACK)**

Be the first one to pick vegetables! This teepee structure acts as a growth accelerator as the red tint enhances the plants' photosynthesis for better growth. The double-walled plastic is sealed at regular intervals to form 18 tubes. Simply fill the tubes with water and place them over tomato plants, cucumbers, peppers, melons and other heat loving plants. The water acts like insulation, storing heat during the day and releasing it slowly at night, making plants grow faster and bearing fruit earlier than other conventional methods. Providing protection from outdoor elements they measure 18" tall. - \$17.95

**H501. KOZY COATS REPAIR SLEEVES (10 PACK)**

Should any of your Kozy Coats leak after several uses, restore them by simply sliding a repair sleeve into the affected tube and fill with water as usual. - \$5.95



**H534. RED PLASTIC MULCH**

This popular mulch enhances growth and yield of several crops, especially tomatoes and developing strawberries. The red color reflects intensified red light onto the plant which impacts growth and yields 20% more than with black plastic. It also has the same soil warming, weed control and soil moisture properties as black plastic. 4' wide, 1.0 mil. thick. Made in USA. - \$0.50 PER FOOT (10' MINIMUM)



**H548A. GARDEN STAPLES (40 PACK)**

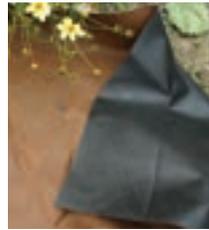
Easy to use! Heavy gauge durable steel staples are 1" x 4" and will secure a variety of plastic, landscape fabric, floating row covers, soaker hoses, tarps, lawn ornaments, & more. Made in the USA. - \$9.95



**H533. BLACK PLASTIC MULCH**

We've sold thousands of yards of this plastic mulch over the years since it is so successful warming the soil to accelerate plant growth, as well as controlling weeds. The black color due to the addition of carbon eliminates the transmission of light. The product retains moisture, is flexible and stretchable, and will conform to both flat and raised beds. 4' wide, 1 mil. thick. - \$0.50 PER FOOT (10' MINIMUM)

MULCHES, LANDSCAPING FABRIC & WEED CONTROL



**H553. 12-YEAR WEED BARRIER EARTHTONE**

Control weeds before they start. This unique fabric is UV treated and spun bonded forming a powerful 3-ply layer of weed protection. Provides better water and nutrient flow through the fabric than conventional ones. Brown earthtone color is ideal to blend in with bark or mulch and black on the other side providing superior light blocking capabilities. 4' wide. Made in USA. - \$1.00 PER FOOT (10' MIN.)

INSECTICIDES, PESTICIDES & FUNGICIDES



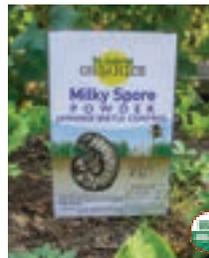
**H441. BONIDE CAPTAIN JACK'S DEADBUG BREW READY-TO-USE (32 OZ) NEW!**

Mites, thrips, and beetles, oh my! Protect your garden from a wide variety of pests with this organic and conveniently ready-to-use spray. The DeadBug Brew utilizes the naturally occurring bacteria Spinosad to prevent damaging insects and pests from hurting your garden. This spray effectively protects a wide variety of your plants from leaf-eating insects and pests, while avoiding significant impact on beneficial predatory insects, predatory mites, and spiders. Captain Jack's DeadBug Brew is approved for organic gardening. - \$11.95



**H444. BONIDE ALL SEASONS HORTICULTURAL OIL READY-TO-USE (32 OZ) NEW!**

This safe and pleasant-to-use horticultural oil is the perfect solution to protect your plants from insects, mites, and diseases alike. Intended for year-round use, this spray is designed to protect your plants through all stages of their growth, from the growing season to dormancy. This product is especially great for fruit trees, vegetables, ornamentals, and shrubbery. To use, apply the spray directly to your desired plant until the plant is fully saturated. This will create a barrier on your plant that protects it from insects, mites, eggs, and a variety of diseases. Bonide All Seasons Horticulture Oil Read-to-Use leaves no toxic residues and is approved for organic gardening. - \$11.95



**H400. MILKY SPORE POWDER (10 OZ.)**

Do you have a Japanese beetle problem? Milky Spore is a key to solving the problem. It is a natural bacteria that kills at the grub stage. Apply one time using 1 teaspoon for every 4 feet in a checker board pattern on the lawn and water lightly after application. Infected beetle larvae will die and decay releasing billions of new spores into the soil continuing this cycle. 10 oz. will treat 2,500 sq. ft. and has no expiration date if kept sealed and dry. Made in USA and OMRI listed. - \$44.95



**H408. THURICIDE - BASCILLUS THURINGIENSIS (8 OZ. CONCENTRATE)**

Natural bacteria better known as BT is the best resort for killing leaf eating worms and caterpillars without resorting to harsh chemicals. Used by organic gardeners to effectively control leaf eating caterpillars, loopers, cabbageworms, hornworms, leaf folders, leaf rollers and gypsy moths. Mix - 4 teaspoons per gallon of water. Read and use according to the label. Spray upper and lower side of leaves. Repeat at weekly intervals if needed. Made in USA. - \$11.95



**H407. PYRETHRIN GARDEN INSECT SPRAY (8 OZ. CONCENTRATE)**

Protect your entire garden from damaging insects. Botanical insecticide is derived from the pyrethrin plant better known as chrysanthemum. Can be used on all vegetables, flowers, fruits, roses and ornamentals. Kills an array of bugs: asparagus beetles, aphids, cucumber beetles, cabbage worm, flea beetles, stink bugs, potato beetles, leaf hoppers and many other yard and garden insects. Add 3-5 tablespoons per gallon of water and spray to apply thorough coverage. Made in USA. - \$16.95

## INSECTICIDES, PESTICIDES &amp; FUNGICIDES

**H406. INSECTICIDAL SOAP (32 OZ. RTU SPRAY)**

Are insects destroying your plants? This organic ready-to-use spray will kill them in minutes. Derived from natural plant based potassium fatty acids, it controls aphids, grasshoppers, lacebugs, mites, thrips, whiteflies, earwigs, spider mites and more. Use on houseplants, vegetables, flowers, fruits, roses and shrubs up to the day of harvest. Spray directly on pests and all plant parts including the undersides of leaves. Repeat treatment weekly if needed. Quickest and safe insect control solution to use on edible crops while not harming the environment. Made in USA. - \$11.95



**NEEM OIL** An all-purpose insecticide, miticide, and fungicide for organic gardening. Derived from the Neem seed. Excellent choice for any plant including vegetables, fruits, nuts, flowers, houseplants, trees, turf and shrubs. Kills all stages of insects - eggs, larvae and adults. Controls blackspot, powdery mildew, spider mites, aphids, whiteflies, and other insects. Makes a great dormant spray. Imparts a healthy shine to hardy leaf surfaces. Available as a ready to use spray or concentrate.

**H405. NEEM OIL READY-TO-USE (32 OZ.) - \$11.95**



**H405C. NEEM OIL CONCENTRATE (16 OZ.) - \$23.95**

**H410. SLUGGO (1LB. SHAKER CAN)**

Eliminate slugs and snails that can destroy leaves on vegetables and flowering plants in a matter of hours. This blend of iron phosphate lures the slugs from their hiding places near plants, and when ingested, even small amounts will cause them to cease feeding, become less mobile and die within days. Since slugs and snails travel and feed mostly by night or early morning, evening is the best time to apply, sprinkling the granules around the plants for prevention. We've found this is the best solution to combat them and is safe around pets and wildlife too! Apply 1 lb. per 1,000 sq. ft. or 1 teaspoon per sq. yard. OMRI listed. - \$13.95

**H410A. SLUGGO PLUS**

Sluggo Plus not only eliminates slugs and snails, but also kills earwigs, cutworms, sowbugs, and pillbugs. The 1 lb. shaker canister containing granules can be used outdoors around vegetables, fruit trees, berries, flowers, shrubs, lawns, and gardens. The combination of naturally occurring iron phosphate and spinosad keep the pests under control. 1 lb. treats 2,000 sq. ft. and lasts up to 4 weeks. OMRI listed. - \$18.95

**H440. NO ESCAPE MOTH TRAPS**

Powerful traps that attract and capture pantry moths commonly found in flour, rice, crackers, dog food, birdseed, and cereals. The traps are odorless and non-toxic, so they can be safely placed near food items. Last for three months. Contains 2 pheromone lures and 2 traps. Made in USA. - \$7.95



**H484. HOLOGRAPHIC SCARE TAPE - 3/4" X 100' ROLL** What a nuisance birds can be around freshly planted seeds, fruit trees, grapevines, and ripe berries! This foil reflective tape with moving circular hologram patterns will flash dramatically in the sunlight and vibrate in the wind, frightening thieving birds and keeping them at bay. An inexpensive solution to ward off scavenging birds and used by many commercial growers. - \$7.95



**H435A. STICKY APHID & WHITEFLY TRAPS (5 PACK)** Capture aphids, white flies, leafhoppers, moths, and other small flying insects that are attacking your plants without the use of toxic chemicals. Easy-to-open, the sticky yellow surface has a grid for precision monitoring purposes. Non-poisonous, odorless and weatherproof. Use the twist-tie provided to easily hang the trap. 5 traps included measuring 4" x 7". Made in USA. - \$6.95

## ANIMAL DETERRENTS

**H442. BONIDE REPELS ALL READY-TO-USE (32 OZ) NEW!**

Natural ingredients make up Bonide Repels-All, the spray that allows you to humanely deter all kinds of pests from your garden without harming them. Conveniently packaged in a 32 oz. spray bottle, this safe repellent mixture can be applied directly to ornamental plants, structures, trees, and shrubs. One application can last up to 2 months, keeping your garden safe while remaining environmentally safe and biodegradable! This concentrate is for use outdoors, is human and pet-safe when used as directed, and is effective through all seasons. - \$13.95

**H443. BONIDE REPELS ALL GRANULES (3 LB) NEW!**

This granule form of Bonide Repels All is great for protecting your gardens and lawns from all kinds of pests. From larger pests such as deer to sneakier thieves such as squirrels and moles, these granules allow you to keep your plants safe while not harming any animals. To apply, simply shake the granules over your lawns, shrubs, gardens, and trees. Each application can last up to 2 months. Bonide Repels All Granules are biodegradable, use natural ingredients, and are people and pet-safe when used as directed. - \$19.95

## ORGANIC ANIMAL REPELLENTS

Discourage gophers and moles from making tunnels in your lawn and keep the deer, elk, and rabbits from munching on your plants. 3"-3 1/4" probes are fully organic and biodegradable, with active repelling ingredients that have proven 85-90% effective for up to 6-8 months on trees and shrubs and up to 10-12 months in tunnels. Use 1-4 clips per shrub depending on history. For moles and gophers just remove the rubber stopper and drop into the hole or tunnel. Made in USA.

**H458. GOPHER & MOLE REPELLENTS (12 Pack) \$11.95**

**H469. DEER & RABBIT REPELLENTS (25 Pack) \$18.95**

**H617. BIRD-X NET - 14' X 14'**

Protects fruits and berries from thieving birds & other garden pests. We find this perfect on strawberry beds. Made of durable 3/4" polypropylene mesh with UV inhibitors, the net can be used for various fencing applications as well. Made in USA. - \$10.95

**H615. DEER-X NETTING 7'X100'**

Protect against thieving deer safely and humanely. 3/4" polypropylene mesh, with UV protection guards your prized trees, shrubs, flowers and vegetable gardens as a temporary fencing from destructive deer. An affordable alternative to metal fencing, it is strong and durable. Lightweight and easy to install, we suggest staking every 4 feet for good stability. Mesh opening squares are 5/8" and overall weight is less than 1 lb. Made in USA. - \$26.95

## BIRDS &amp; POLLINATORS

**H682. MASON BEE NEST KIT (STANDARD)**

Take the sting out of bee keeping with this biodegradable mason bee nest kit—bees not included! Native Orchard Mason Bees are useful, small and docile, and are widespread throughout North America. These bees are superb early season pollinators, even better than honeybees. By putting up a nest kit, you are providing an easy, ideal home for the bees until they “hatch out” the following spring. Place the nest kit in a sheltered, sunny spot. Under the eaves of a shed or garage is an ideal location. We suggest using plastic hanger strapping to hang your bee nest. Made from 100% recycled polypropylene and contains 52 tubes. 6 1/2” deep, 3” diameter. An informative leaflet about Orchard Mason Bees is included. - \$15.95- \$15.95

**H682A. MASON BEE NEST REPLACEMENT TUBES (50 PACK)**

Each year, it is best to provide fresh nesting tubes for the mason bees. Ideally replace “used” tubes as soon as they’re empty in early Spring. Newly hatched females prefer to use new empty tubes, but they’ll re-use the old ones if they must. 50 tubes included each measuring 6” long x 5/16” in diameter. - \$10.95

## GARDENING GEAR

**SM304. OVAL NAIL BRUSH**

Made of natural bristle and hard wood, it has bristles on the side for cleaning under nails. Each piece is 3 3/4” l. x 2” w. x 1” h. - \$2.95

**GARDEN TOOLS**

Remarkably lightweight, strong and affordable garden tools by Fiskars. Made from rustproof nylon/fiberglass composite. 1-piece construction means no loose handles and hanging hole for easy storage. Perfect for everyday gardening. - \$2.95 EACH

**(A) H171. TROWEL****(B) H172. CULTIVATOR****(C) H173. TRANSPLANTER****H165. FLIP-IT GARDEN KNIFE**

A handy little device to have around the yard. The amazingly sharp 2” blade retracts easily in and out of the 3” plastic handle and easily fits into any pocket. You’ll wonder how you ever got along without one. Available in assorted colors imprinted with the Pinetree logo. We’ll select a color for you. Made in USA. - \$4.95

## GARDENING GEAR



NEW!

**H192. PIKE'S ORIGINAL MAINE GARDEN HOD (LARGE) NEW!**

Designed with Maine’s traditions of functional art, craftsmanship, and utility in mind, this garden hod will be your— and your garden’s —new best friend. Versatile and visually appealing, this hod is a convenient and beautiful way to collect, show off, and transport all of your harvests. From late Spring florals to Autumn squash and gourds, display every season of goodies in this hod. Pike’s Original Maine Garden Hod measures 19-1/4”L x 11”W x 7-1/4”H, with a capacity of two pecks (16 qt.) - \$64.95

**(SHIPPING & HANDLING ITEM SURCHARGE: \$3.95)**



NEW!

**H186. DEWIT CULTIVATOR-5 TINE NEW!**

Constructed from tempered boron steel and an ash hardwood handle, the DeWit Cultivator will be your best friend through tough and confined spaces. This tool is incredibly sturdy, featuring 5 sharply clawed tines and a welded socket. Perfect for aerating jobs, removing debris and weeds, fine-tuning borders, and so much more. This cultivator is hand-made to be comfortably lightweight while remaining extra tough and durable to help you tackle the garden’s toughest projects. Head measures 5”L x 3.5”W, full tool 11” and 0.5lbs. Forged to last you a lifetime. - \$38.95



NEW!

**H188. DEWIT FORGED SCOOP NEW!**

Fitted with an extra large, boron steel head, the DeWit Forged Scoop is ready to help you tackle your biggest garden jobs! This tool is heavy-duty and a great size for handling large amounts of soil. The Forged Scoop doubles as a trowel, providing you with versatility and digging power. Featuring an Ash hardwood handle, this tool remains sturdy while also being lightweight. Perfect for your garden beds, container gardens, raised beds, and so much more. Head measures 7.75”L x 4.75”W, full tool 13.5”L and 0.7lbs. Forged to last you a lifetime. - \$71.95

## GARDENING GEAR



NEW!

**H187. DEWIT SERRATED FARMERS DAGGER NEW!**

Through the toughest root systems and stems, dense weeds, and all your harvesting needs, this Serrated Farmers Dagger will stay faithfully by your side. Similar to the Hori Hori knife, this knife's blade is serrated on one side and straight-edged on the other. The dagger's ingenuitive design makes it perfect for sawing, digging, harvesting, transplanting, and so much more. Made of boron steel, the dagger's 5mm blade is not only versatile but also incredibly sturdy. Paired with an Ash hardwood handle, this dagger is comfortably lightweight. Blade measures 6.5" L x 1.5" W, full tool 12.75" L and 0.85lbs. Forged to last you a lifetime. - \$80.95



NEW!

**H189. DEWIT POTTING TROWEL NEW!**

Treat yourself and your potted plants with the DeWit Potting Trowel. This trowel features an extra large, curved blade, which prevents soil from spilling out while allowing you to scoop and distribute more soil than the average trowel. Sharpened on both sides, this Potting Trowel will provide you with precision and ease when scooping soil up as well as when distributing soil. Made from tempered boron steel and an Ash hardwood handle to ensure a lightweight hold with heavy-duty power. HHead measures 4.5" L x 4" W, full tool 11" L, and 0.5lbs. Forged to last you a lifetime. - \$34.95



NEW!

**H191. DEWIT DISC WEEDER NEW!**

This amazingly versatile tool will be the perfect side-kick for some of your toughest garden tasks. The Disc Weeder features a disc-shaped blade head, sharpened around the entire head for use in every direction. Perfect for weeding, planting, edging, digging, and cutting through some of your garden's toughest roots and stems. Made of sturdy boron steel and an Ash wood handle which provide heavy-duty quality to match your heavy-duty gardening needs. Head measures 3" D, full tool 12.5" L, and 0.5lbs. Forged to last you a lifetime. - \$33.95



NEW!

**H185. SUPER CUSHY KNEELER NEW!**

Heavy-duty yet magically light-weight (about 20 oz.), this Super Cushy Kneeler is easy to carry around and perfect for accompanying your every garden task. Save your knees and maintain your garden atop NBR, quality-made rubber. This kneeler is washable and has a built-in carrying handle. Measures 20" x 15" with a 2" thickness. - \$37.95



NEW!

**ATLAS NITRILE GRIP GLOVES - BLACK NEW!**

Protect your hands while staying productive in the garden with Atlas Nitrile Grip Gloves. Nitrile rubber is 3x more resistant to punctures and abrasion than regular rubber, protecting your fingers while remaining incredibly flexible. A nylon liner makes these gloves extra lightweight and breathable, while still keeping dirt and stains at bay. These gloves provide a great grip on tools and garden hardware while still providing dexterity for intricate tasks such as seed planting. Available in sizes Small, Medium, Large, and Extra Large. - \$6.95

H265A. SM, H265B. MD, H265C. LG, H265D. XL

**WONDER GRIP NEARLY NAKED GARDEN GLOVES**

An extremely comfortable pair of gloves that you'll love to wear! Made from a breathable nitrile coating combined with a nylon liner, these gloves provide a snug fit shaping nicely to the hand. The superb comfort allows for great dexterity ideal for delicate tasks like planting seeds and transplanting. Available colors pink, lavender, and light blue. We will select color for you unless you specify. Sizes Small, Medium, and Large. - \$10.95

H263A. SIZE SMALL, H263B. SIZE MEDIUM  
H263C. SIZE LARGE



NEW!

**H176. HAXNICKS EASY FLEECE TUNNEL (GIANT) NEW!**

Get your plants a sweater to extend their harvest time! Whether starting your plants early in the Spring, or extending a late harvest through Autumn, this tunnel will allow you to do so by protecting your plants from harsh weather, frost, and pests. In the Summer, take out your Easy Fleece Tunnel and use it as a mini-greenhouse. This versatile fleece tunnel is made of UV-stabilized, heavy-weight polypropylene fleece and rust-proof, galvanized steel hoops, providing you with heavy-duty quality year-round. Each side of the tunnel is equipped with drawstrings, which allow you to fully customize ventilation. Weighing only 3 lbs and conveniently designed with an accordion-style fold, this product is easy to set up, take down, and store. "Giant" size provides you with plenty of space for large plants or for covering a double row. 118" L x 24" W x 18" H when extended. - \$32.95



NEW!

**H175. HAXNICKS EASY POLY TUNNEL (GIANT) NEW!**

Eager to start planting Spring vegetables this year? Easily fold this Poly Tunnel out to fulfill that desire while keeping your crops safe. Warming the soil, retaining humidity, and acting as a barrier against harsh weather and pests are just a few of this Poly Tunnel's qualities. Whether planting early in Spring, extending your harvest through Autumn, or maintaining as a mini-greenhouse in the Summer, this Poly Tunnel is the perfect product for the job. Made from rust-proof steel hoops and UV-stabilized, 150-micron heavy-duty polyethylene, the Easy Poly Tunnel also features double drawstring ends for customizable moisture control and ventilation. The design of this product, an accordion-style build, allows you to both install and store with ease. "Giant" size makes this product great for larger plant use, or for double rows. Measures 118" L x 24" W x 18" H at full extension. 4.3lbs. - \$36.95

**H151. EZ- DIGGER GARDEN TOOL**

One of our favorites! This gardening tool's blade is 7" long and convex like that of a plow with a sharp point broadening to a width of 3". Terrific for digging and planting bulbs. The point cuts deep and the blade gently pushes the soil to the surface to trench rows. Hand-forged and designed for right-handed gardeners. - \$17.95

**H157. BYPASS PRUNERS**

Durable pruners with pre-sharpened steel blades. Cut smoothly for all purpose pruning, such as removing dead branches from shrubs and deadheading woody perennials. The handle has a red coated comfortable grip with a finger-flick catch lock to close for safety. Overall length is 8 1/2". - \$8.95

**H158. GARDEN NINJA LOOP WEEDER**

An awesome tool for weeding in tight places! Designed for use around plants to avoid damaging roots. It cuts into emerging weeds just below the soil surface effortlessly in any motion or direction while allowing the soil to flow through the blade, reducing soil displacement. Try it out in gardens, window boxes, raised beds, wherever weeds are growing. Stainless blade with a plastic handle. Length 12". - \$19.95

**H248. BUG BAFFLER® HEADNET**

Enjoy the freedom of being outdoors during bug season. A comfortable headnet is essential for face and head protection from mosquitoes, blackflies, no-see-ums, ticks, deerflies, bees and even the tiniest bugs. This fine, tight, black mesh material is soft, allowing plenty of room to wear a hat and is seamless for unobstructed vision. Sturdy elastic bands slip easily under arms to hold in place. Made in the USA. One size fits all. - \$9.95

KITCHEN GADGETS



**H783. MORTAR & PESTLE NEW!**  
Made of porcelain, this mortar and pestle set facilitates grinding and crushing of spices, herbs, nuts, and so much more. Useful for food preparation, teas, and other projects requiring finer pieces. Mortar measures 3.5" in diameter and 1.75" in height. Pestle measures 3.75" in length. - \$7.95



**H758. 4-TIER KITCHEN SPROUTER**  
Grow fresh, nutritious sprouts year round in just 2-4 days! No need to soak your seeds, simply place the seeds in 1, 2, 3, or all 4 clear trays and add the base tray to collect excess water. Rinse twice daily and soon they'll be ready to add to salads, sandwiches, and even soups. Simple, fun, and best of all, nutritious. A package of alfalfa sprouts is included to get you started. Overall height is 8" and trays are 6" in diameter. Made in USA. BPA free Polypropylene. - \$19.95



**H722A. NATURAL FIBER MINI BRUSH**  
The durable coir fibers of this mini brush with a 2 1/2" wooden handle will provide comfort while scrubbing vegetables, nails, and more. The brush measures 5.75" in total length. - \$5.95



**H735A. HERB SHEARS**  
Made to snip and chop fresh herbs effortlessly! Great for basil, rosemary, parsley, cilantro, dill and more. These shears by Progressive® are made with ergonomic comfort grip handles and come with a blade cover that doubles as a cleaning comb. Blades are stainless steel. Dishwasher safe. 10.4 x 3.8 x 0.9 inches. - \$9.95



**H733. BASH 'N' CHOP**  
This handy tool can chop, slice, mince, bash and scoop a variety of vegetables including garlic. The 5 3/4" stainless steel blade features etched measurements. Measures 5 3/4" x 4 1/2". Dishwasher safe. Also great for cutting bars of soap! - \$8.95



**H782. MEASURING UTENSILS (SMIDGEN, PINCH, DASH)** Set of 3 stainless steel measuring utensils for when you need a smidgen, pinch, or dash of something. Great measuring tools for making cosmetics, body care products, and other crafts requiring tiny increments. - \$4.95



**SM132. CASTILE LIQUID SOAP UNSCENTED**  
Safe, nontoxic, multi-purpose, multi-surface concentrate made with organic plant oils. Cleans all water-safe surfaces including you! Can be used for hand and body washes, shampoo, and general purpose cleaning. A good soap to use with your favorite essential oils. Made in USA. Ingredients: Saponified organic coconut, olive and jojoba oils, aloe vera, and rosemary extract. - 16 OZ. - \$12.95



**H742. MESH BALL TEA INFUSER**  
A ball shaped stainless steel infuser for use with loose teas or herbs. The spring loaded mechanism allows the ball to separate into halves. The mesh ball measures 1 1/2" in diameter. Perfect to use with our selection of loose teas. - \$4.95



**H724A. FLEXIBLE CUTTING MATS (4 PACK)**  
Use on the grid side down, these lightweight and flexible cutting mats are convenient to cut, dice, slice and even roll dough while protecting your counter tops. Fold, flex and funnel your vegetables, meats, and poultry directly into a bowl or a stir fry pan. Non-porous surface won't retain odors or dull knives and is dishwasher safe. Comes in 4 bold bright colors: red, blue, orange and lime. Each mat measures: 15" x 11". - \$9.95



**SM310. STAINLESS STEEL FUNNELS (3 PIECE SET)** These stainless steel funnels are indispensable when trying to fill small neck bottles, jars and cosmetic tubes. Great for the kitchen or for crafts as well. Funnel sizes are 1.75", 2.25" and 3" in diameter with the stem having an opening of .20", .4" and .5". All held together on a 1 1/2" clamp style ring. - \$12.95



**H791. JAR OPENERS (SET OF 3)** Tired of wrestling to open a jar lid? The Norpro 3-piece jar opener set provides ease with opening almost any size lid. Multi-colored and made of durable silicone, these jar openers feature easy-grip, non-slip handles for a secure hold as you twist. The set includes one 3 1/2" opener for large lids like on canning or pickle jars; one 2 1/2" opener for medium lids on jam or jelly jars; and one 1 1/2" opener for small lids like soda or salad dressing bottles. The versatile openers also work great on opening non-food containers such as prescription bottles, laundry detergent bottles, nuts & bolts, and many more items. BPA free, hand washing recommended. - \$9.95



**H764. GARLIC PRESS WITH CLEANER**  
No need to peel garlic before pressing! This unique design thoroughly crushes and minces an entire garlic clove with less effort. Made from strong, heavy-duty aluminum, it's the perfect kitchen tool to use when prepping ingredients for dinner. Use it to add fresh garlic when making pasta or sautéing chicken. Included is a red self-cleaner which makes clean up a breeze. Hand wash recommended. Measures 3.5" x 0.75" x 6.25" - \$9.95



**H739. PREP® SOLUTIONS OVER-THE-SINK COLLAPSIBLE COLANDER 6 QT.**  
The Prep Solutions 6-Quart Over-the-Sink Expandable Collapsible Colander is a versatile kitchen tool you can't live without! This sleek over-the-sink colander expands to 19.25" for hands-free straining, draining, or rinsing. The colander collapses to a one-inch thickness for easy storage. The 6-quart capacity is ideal for larger amounts of ingredients such as produce, pasta, and more. Its silicone material can withstand hot and cold liquids. The expandable handle is convenient to reach across most sink sizes and has non-skid feet for a secure grip on the edge of the sink. BPA free and dishwasher safe. Measures 14.75" x 10.25" x 1" when collapsed and 19.25" x 10.25" x 5" opened. - \$22.95



**H760. HERB STRIPPER/CHOPPER WITH COVER**  
A handy kitchen gadget to rapidly remove leaves from your fresh herbs and chop as desired. Made of stainless steel with multiple sized holes to fit a variety of herbs and leafy greens like kale, chard, collard greens, rosemary, oregano, thyme, parsley, tarragon, and more. Place the stem into the smallest hole it will fit and pull through to strip the leaves off in a fraction of the time. Remove the protective shield exposing the sharp bladed edge to chop herbs into fine pieces. Allows more use of the plant with less waste. Store safely with its protective cover. Cleans easily. Measures 4.25"x2.88"x1.25" - \$9.95



**H736. SALAD DRESSING MAKER**  
Make your own salad dressing with this shake and pour dispenser bottle. Clear glass bottle features 6 low-fat recipes, measuring guidelines and instructions to make red wine vinaigrette, herb Italian, creamy Caesar, soy sesame, honey mustard and creamy ginger dressings. Add liquid ingredients to the indicated levels printed on the bottle, then dry ingredients, shake and pour. No need to look up recipes and the easy-pour locking cap keeps the dressings fresh. Makes approximately 9 oz. of dressing. - \$6.95

## KITCHEN GADGETS



**H721. NATURAL CATCH FRUIT FLY TRAPS (2 PACK)** You'll be amazed when those pesky fruit flies are gone in a day! This sleek triangular design provides greater stability and makes for a prettier display on your counter top than other fruit fly traps. Made with a non-toxic, FDA approved food-grade disposable plastic, so no need to worry about potentially harmful ingredients. This discrete lure attracts fruit flies up to 30 days or more. Each one measures 4" x 4" x 4" and is 2" tall. Made in USA. - \$11.95



**H737. PREPWORKS® MIX N' CLEAN**  
Mix your own cleaning solutions to replace harsh chemicals, reduce plastic waste, and save money! The 14 oz. plastic bottle includes 5 non-toxic DIY recipes for home use with a comfortable sprayer handle and an indicator that marks which recipe is in use. The recipes, listed on the bottle with filling lines, make it simple to create these 5 cleaners: multi-purpose, granite/stone, fruit/vegetable, glass, and disinfectant. Made from PET plastic. BPA free and dishwasher safe. Measuring 8.5" x 3.75". - \$6.95



**H757. SPROUTING LID**  
Give your salad a power boost with nutrient-dense and flavor packed sprouts! It is easy and inexpensive. Soak seed in water for 8-10 hours, rinse seed twice a day, and invert jar to drain water. Most sprouts are ready in 3-4 days. Durable food-grade BPA-free plastic lid has mesh holes to rinse and drain the most common sprouting seeds. Fits standard wide mouth canning jar, is dishwasher safe, won't rust or tarnish. Diameter is 3". - \$5.95

## CANNING ESSENTIALS



**PRESERVE LABELS (18 PACK)**  
Attractive labels in bright colors, these add a personal touch to your home canned products. The self-adhesive labels have more room for names, dates, and ingredients. Package contains 18 total labels with three different shapes (6 of each). The round label is 2.5" in diameter, the oval is 2.25" x 1.3" and the rectangular label measures 2.3" x 1.3". Available in two pattern offerings. - \$3.95

**H775. PICKLE IT ALL**  
Assorted vegetables highlighted with a green border.

**H774. SWEET PRESERVES**  
Assorted berries with a blue border.



**H779. REVERSIBLE CANNING RACK**  
The unique design of the Progressive® Reversible Canning Rack provides options for all your canning needs - quart jars, pints and half pints. One side holds four quart jars. Flip it over and the other holds seven pints or seven half pints. Use 2 racks to facilitate your canning process. The stackable stainless steel canning racks won't rust and fit in most 16 quart or larger stock pots. The flower petal design allows the water to circulate evenly while boiling and keeps the glassware from touching. Its compact size is convenient for storage. Dishwasher safe. Measures 10.25" in diameter x 2" high. - \$16.95



**H746. MINI CANNING RACK**  
Turn any stockpot into a canner. Ideal for small batches, this rack holds 2 quarts, 4 half pint, or 4 one pint canning jars. The purpose is to elevate the jars off the direct heat, so the hot water circulates freely around the jars. Contoured comfort grip handles can rest on the pot rims. Measures 8.25" in diameter. - \$7.95



**H759. PREPWORKS® CANNING FUNNEL**  
This funnel was designed to keep jar rims and counters mess-free. The double-walled funnel fits securely over both regular and wide-mouth canning jars. Outer wall keeps the funnel off the work surface preventing contamination, the inner wall is shorter and is placed on the jar keeping the rim clean. It features headroom measurements in inches and millimeters for accurate filling. Allows the necessary air gap for proper sealing. Made of high heat polypropylene and dishwasher safe. Measuring 5" in diameter x 3" in height. - \$9.95

## VICTORIO CANNING SUPPLIES

Be prepared for canning season. These quality tools are essential for those of you who are serious about efficiency, cleanliness and safety.



**H748. JAR LIFTER**  
The jar lifter easily clamps to the top of virtually all canning jars and aids in removing hot jars from boiling water safely. Rubber coated to improve the grip and reduce breakage. 8.75" l. x 3.25" w. - \$5.95



**H749. CANNING FUNNEL**  
Wide funnel fits both regular and wide mouth jars. Minimize waste and a mess by using the funnel to keep your preserves in the jar and not on the counter. 4.75" top diameter x 3" bottom diameter x 3" tall. - \$2.95



**H750. COMBO LID LIFTER & BUBBLE REMOVER**  
Two tools in one! Lift hot sterilized lid with the magnet end and release bubbles from the jar with the flat end. 10" l. x .75" w. - \$2.95



**H752. CANNING SCOOP**  
An innovative tool from Progressive®. The curved front and sides of this canning scoop make it better than a ladle, allowing for easy access into tough spaces like corners of stockpots. It also features a large capacity bowl capable of filling an entire pint jar in a single scoop. The double pour spout allows for left or right handed pouring. The built-in clip permits the canning scoop to rest on the pot rim. Heat resistant plastic to 400°F (204°C) and dishwasher safe. Measures 11.75" long by 3.75" wide. - \$9.95



**L738. CAN IT & FERMENT IT: MORE THAN 75 SATISFYING SMALL BATCH CANNING AND FERMENTATION RECIPES FOR THE WHOLE YEAR BY STEPHANIE THUROW**  
Blogger and Certified Master Food Preserver Stephanie Thurow brings the canning and fermenting communities together by offering recipes that work for both canning and fermenting. From a first-timer to the advanced preservationist, Can It & Ferment It shows canners and fermenters alike how they can have the best of both worlds.  
HARDCOVER - 197 PP - \$16.99





SP134 

SP182G 

SP108A

SP133

SP145

SP128 

SP124G 

SP143

SPICES

- SP134. BAY LEAF WHOLE (ORGANIC) - 1/2 oz. - \$2.49
- SP108A. CARDAMOM WHOLE - 1/2 oz. - \$2.95
- SP124G. CINNAMON POWDER (ORGANIC, FTC) - 1 oz. - \$2.49
- SP133. GINGER ROOT POWDER - 1 oz. - \$1.95

- SP143. HUNGARIAN PAPRIKA - 1 oz. - \$1.95
- SP128. LEMON PEEL POWDER (ORGANIC) - 1 oz. - \$2.95
- SP182G. SMOKED PAPRIKA POWDER (ORGANIC) - 1 oz. - \$2.49
- SP145. NUTMEG WHOLE - 1/2 oz. - \$2.49



NEW!



**SP146. HOT & SPICY PICKLING SPICE NEW!**  
The perfect pickling addition for spice lovers, this Hot & Spicy Pickling Spice adds a complex spicy flavor to your favorite pickling base. Made of coriander, cardamom, mace, brown mustard, black peppercorn, and chili peppers. Try this with asparagus, carrots, traditional pickling cucumbers, and all of your favorite veggies. To use, simply add directly to brine, or use with a tea ball or cheesecloth for easy removal. Salt-free, non-irradiated, and certified kosher. 1 oz. - \$2.49



NEW!



**SP147. MILD SWEET PICKLING SPICE NEW!**  
This Mild Sweet Pickling Spice is a balanced blend of spices that will lightly sweeten your pickling base without any added sugars. Try this when pickling your beets, carrots, or favorite fruits. Perfect for bread and butter pickles as well as sweet, diversely flavored pickles. Made of yellow mustard, cinnamon, allspice, dill seed, celery seed, bay leaf, chili peppers, cloves, caraway, and ginger. To use, simply add directly to brine, or use with a tea ball or cheesecloth for easy removal. Salt and sugar-free, non-irradiated, and certified kosher. 1 oz. - \$2.49



NEW!



**SP126G. GARLIC GRANULES (ORGANIC) NEW!**  
Garlic Granules (Organic) 1 oz. - A premium organic garlic that will pair perfectly with virtually all of your favorite savory foods. Characterized by an amazing, hearty flavor and strong garlic aroma, in the most convenient granule form. This garlic is sustainably grown by small farmers who are committed to producing top-quality products. Certified kosher. 1 oz. - \$2.95



NEW!



**SP29G. CUMIN SEED GROUND (ORGANIC) NEW!**  
As the second most popular spice around the world, cumin has been used since around 5000 B.C. Cumin is aromatic, warm, and has an earthy bite that often helps to soften the heat in spicier dishes. From curry to chillis, to sauces and soups, cumin's versatility is near-endless. This ground cumin is sourced from India and Turkey, where the most flavorful cumin is grown. Pure, organic, non-irradiated, and certified kosher. 1 oz. - \$2.49

SALT & PEPPER



**SP177. ALDER SMOKED SALT (COARSE GRIND)**  
Sea salt smoked over natural alder wood providing a sweet, true smokehouse flavor. 3 oz. - \$3.95

**SP176. PEPPERMILL 4 PEPPERCORN BLEND**  
Tellicherry, white, green, and pink peppercorns 1 oz. - \$2.95



**SP190G. BAOBAB FRUIT POWDER (ORGANIC)**  
Although the majestic profile of the baobab tree - Africa's iconic "Tree of Life" - has long overshadowed its more humble fruit, the rest of the world is now catching on to the benefits of the baobab fruit. This rediscovered "superfood" is the only fruit in the world that dries naturally on the branch. After baking in the sun for six months, the hard shells of the pods are cracked to reveal its edible dry white-ish pulp. Minimal processing produces a 100% natural and organic fruit powder that is remarkably nutrient-rich. With its high levels of calcium, vitamin C (10 times more than oranges!), and fiber, baobab powder is a great addition for those looking to improve digestive health and manage blood sugar. Its delicious, citrus-y sweet and tangy flavor is perfect for adding to smoothies and juices, or sprinkling on your breakfast. We like ours stirred into oatmeal in the morning!  
3 oz. - \$8.95



**SP103. TURMERIC (ORGANIC, FTC)**  
We love turmeric - the super spice of life! Used in Ayurvedic medicine for thousands of years, turmeric is full of health boosting benefits. Contains the powerful medicinal compound curcumin as well as high amounts of manganese, iron, fiber, vitamin B6, potassium, vitamin C, and magnesium. Alleviates inflammation, believed to be involved in chronic disease, and contains antioxidants to help destroy harmful free radicals. The curcumin in turmeric is thought to help in preventing and battling several types of cancer, obesity, heart disease, atherosclerosis, degenerative disorders, Alzheimer's and other conditions. Consuming turmeric with black pepper increases the absorption of curcumin by up to 2000%! Our turmeric has a curcumin content ranging from 1% to 4%. It is golden-yellow in color, with a pungent, earthy, distinctive aroma. Its flavor resembles both ginger and pepper. Add it to food, smoothies, coffee, and juices.  
1 oz. - \$2.49



**SP165. STEVIA POWDER GREEN (ORGANIC, FTC)**  
A great natural alternative to sugar! Why? Because it's 100% natural, 40-300% sweeter, has zero calories, and most importantly does not cause an increase in blood sugar levels. Native to South America, it has been used for hundreds of years. Valued most for its sweet leaves and its ability to replace sugar in a diet, but also contains a wealth of antioxidant compounds. Health benefits of stevia include diabetes management, weight loss, lowering of blood pressure, treatment of eczema and dermatitis, assisting in prevention of cancer, cavities, and gingivitis. Generally, 3-4 teaspoons replaces a cup of refined sugar, but the conversion rate varies depending on the recipe. Add to coffee and tea, or cold drinks such as fresh-made lemonade and sun tea. Use a little to sweeten smoothies and fruit salads. 1 oz. - \$2.49

## BLACK TEAS

**SP201. EARL GREY**

The pleasant aroma has made this popular for years. Delicate citrus flavor is processed by spraying natural bergamot oil upon the tea leaves. **3oz. - \$6.50**

**SP205. IRISH BREAKFAST**

Rich, velvety smooth malty brew. A bold and full-bodied tea that is enjoyed with milk and sweetener. **3oz. - \$6.50**

**SP203. ASSAM (FLOWERING ORANGE PEKOE)**

A black Indian tea that is rich and robust with strong aroma. Citrusy, medium bodied flavor. **3oz. - \$6.50**

**TE100. DARJEELING**

Regarded as the champagne of black teas, this tea is light bodied, smooth, elegantly dry, flavorful, and aromatic. Makes a wonderful afternoon tea. **3oz. - \$6.50**

## GREEN TEAS

**TG202. SWEET MATCHA GREEN TEA NEW!**

Derived from premium Japanese green tea leaves and ground finely into a powder, this organic matcha will be your new favorite, freshly sweet drink. Made of pure organic matcha and organic sugar, this matcha mix provides a rich, vegetal flavor with a pleasantly sweet aftertaste. Although green tea and matcha both come from the same plant, differences in growing, harvesting, and preparing set them apart, which leads to matcha's bolder flavor profile. To prepare, sift 1/2 - 1 tsp of Sweet Matcha Green Tea into a bowl, then add 2oz of near-bowling while whisking in a "W" shape. When a fine froth appears, your matcha is ready to be enjoyed warm or over ice! Non-irradiated and certified kosher. **3oz. - \$6.50**

**SP209. CHAI GREEN TEA**

One of our best selling teas! It has a spicy, sweet, and unique combination of green tea, cardamom, ginger, fennel and cinnamon. This tea is best appreciated on its own, although is also enjoyed with simple desserts or baked goods like butter cookies. **3oz. - \$6.50**

**SP211. GUNPOWDER TEA**

This tea has a very strong rich flavor, with a hint of sweet smokiness. An added interest is that the leaves are rolled into tiny pellets, which unfurl and "bloom" open in your cup. Fair Trade Certified. **3oz. - \$6.50**

**SP213. JASMINE GREEN TEA**

Our best seller! Jasmine tea has many health benefits including antioxidant properties, reducing threats of heart disease, helping to reverse negative effects of diabetes, assisting with gastrointestinal disorders, and improving the immune system. Dried green tea leaves are layered with jasmine flowers allowing the tea to absorb the exotic fragrance. **3oz. - \$6.50**

**H742. MESH BALL TEA INFUSER**

A ball shaped stainless steel infuser for use with loose teas or herbs. The spring loaded mechanism allows the ball to separate into halves. The mesh ball measures 1 1/2" in diameter. Perfect to use with our selection of loose teas. **- \$4.95**

## HERBAL TEAS

**SP221. LEMON GINGER**

One of our top sellers! This tea is a blend of roasted chicory root, ginger root, lemongrass, orange peel, lemon essential oil, hibiscus, coriander seed and cinnamon. A spritz of 100% pure lemon oil provides a sweet, fruity aroma and flavor. **3oz. - \$6.50**

**SP233. ROOIBOS**

Another very popular tea to be enjoyed any time! This is a mild reddish-brown tea which is naturally caffeine-free and rich with antioxidants. It has a slightly sweet and nutty flavor. **3oz. - \$6.50**

## HERBAL TEAS

**TG303. TURMERIC GINGER HERBAL TEA (ORGANIC) NEW!**

A "rooty" organic blend with main notes of warm turmeric, sweet cinnamon, and a ginger bite. In addition to its delicious flavor, both turmeric and ginger are known for their anti-inflammatory and antioxidant properties. This tea is made from organic turmeric, organic ginger, organic cinnamon, and organic black pepper. Use 1-3 tsp. per cup of boiling water, pour water over the blend and let steep for 4-6 minutes. **3oz. - \$6.50**

**TE110. CINNAMON ORANGE HERBAL TEA NEW!**

This sunset-hued, tea is the perfect convergence of citrus, cinnamon, and florals. A fragrantly herbal and floral aroma characterizes this tea, while orange and cinnamon create a warm, sweet, and comforting flavor profile. This tea is made from hibiscus, cinnamon, rosehip, blackberry leaf, orange peel, cinnamon oil, and tangerine oil. Certified kosher. **3oz. - \$6.50**

**SP239. YERBA MATE LEAF**

Extremely nutritious and beneficial! Yerba mate is said to have the strength of coffee, the health benefits of tea, and the euphoria of chocolate all in one. The chemical components found in yerba mate make it more nutritious than green tea. Of the 6 commonly used stimulants in the world, it triumphs as the most balanced, delivering both energy and nutrition. **3oz. - \$6.50**

**TG103. RED RASPBERRY LEAF TEA**

You may know red raspberry for its distinctive flavorful and colorful fruit, but that's not all it has to offer! Leaves make an herbal tea with various potential therapeutic uses. Its biggest claim to fame is the ability to aid in pregnancy, particularly stimulating labor and easing childbirth. With its antioxidant content, the tea is known to help manage inflammation of the digestive system. Additional benefits may include soothing irritated lungs and throat, supporting menstrual and uterine health, calming irritated skin, and boosting heart health, as well as fertility in both women and men by balancing hormones. A flavorful, tangy tea often combined with other tea herbs to give the beverage a more robust flavor. **3oz. - \$6.50**

**TG100. HIBISCUS FLOWERS**

These cut & sifted flowers are popular as an herbal tea or often used in body care products to purify complexion. Associated with lowering blood pressure and cholesterol while enhancing energy levels, hibiscus is rich in vitamin C, brews to a bright red color, and has a slightly tart flavor. To use as a tea, pour 1 cup of boiling water over 1 tsp. of herb, cover, and steep 3-5 minutes. (Hibiscus may be intercropped with peanuts. May contain peanuts or shell fragments.) **3oz. - \$6.50**

**TG101. GERMAN CHAMOMILE FLOWERS**

German whole organic chamomile flowers are great for making potpourris, fruity teas, and body care products. Chamomile is well known for its calming, anti-inflammatory properties, and has helped resolve skin disorders such as acne, rashes, psoriasis, and eczema. To prepare as a tea, pour 8 oz. of boiling water over 1-2 teaspoons of herb. Cover and steep 5-10 minutes, strain, and serve. **3oz. - \$6.50**

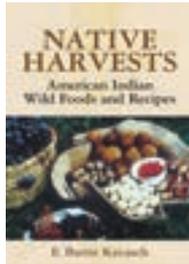
**TG301. RELAXING HERBAL TEA**

A subtle, apple-like flavor of chamomile quickly gives way to the robust, full-bodied flavor of raspberry leaf ending with the clean, refreshing flavor of peppermint. Contains: Organic Chamomile Flowers, Organic Red Raspberry Leaf, Organic Peppermint Leaf. Pour 8 oz. boiling water over 1 Tbsp. of tea. Cover and steep 10-15 minutes, strain and serve immediately. **3oz. - \$6.50**

**TG300. ELDERBERRY ECHINACEA WELLNESS TEA**

Vibrant notes of soothing berry, flowery echinacea and a zing of peppermint! This tea can be enjoyed during any season and as an integral part of your daily routine to help support your individual wellness. Contains: Organic elderberry, organic echinacea purpurea herb, organic peppermint, organic yarrow, organic ginger, organic chamomile flower, organic echinacea purpurea root. Pour 8 oz. boiling water over 1 Tbsp. of tea. Cover and steep 10-15 minutes, strain and serve immediately. **3oz. - \$6.50**

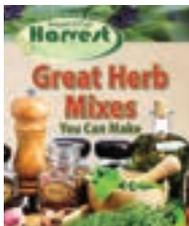
## COOKBOOKS



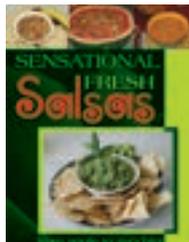
**L173. NATIVE HARVESTS BY E. BARRIE KAVASCH** First published in 1979, this is one of a few books on American Indian wild and cultivated foods and delicious recipes. Kavasch researched hundreds of tribes across the country for their use of nuts, berries, fruits, tree sap, wild herbs, cultivated vegetables, ferns, lichens, mosses, mushrooms, wild game, and salt and freshwater harvests for sustenance, medicine, cosmetics, and ceremony. The recipes she collected reflect native uses of harvests in soups, entrees, breads, beverages, smoking mixtures, chewing gums, and as seasonings. Kavasch's drawings illustrate this field guide, cookbook, and ethnobotany study. **SOFTCOVER - 238 PP - \$16.95**



**L250. EASY HOMEMADE CRACKERS USING HERBS BY JIM LONG** Now includes Gluten Free recipes! Why make your own crackers? With all the variety offered in stores today, there is still nothing tastier or easier than these fresh, flavorful recipes. Make Blue Cheese Crispy, Herbal Oat, Marjoram Cheddar, Pecan Cheddar Thyme, or Vegetable Crackers. Also try Chili & Oregano Tortilla Chips, Firecrackers, or Caraway Sesame Sticks. There are 60 tasty recipes to suit all tastes! **SOFTCOVER - 40 PP - \$5.95**



**L252. GREAT HERB MIXES YOU CAN MAKE BY JIM LONG** You can spend a lot on gourmet seasoning blends, or make your own with Jim Long's 100 herb seasoning recipes for use in a variety of ways. In addition to kitchen seasonings, Long provides herbal blends for baths, dream pillows, eye and aromatherapy pillows, body care products, and pet care products. Consider selling the products you have created or giving them as gifts. Long also shares advice on how to price and package the product. **SPIRALBOUND- 102 PP - \$10.95**

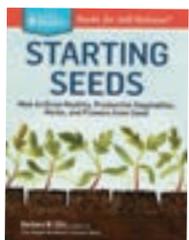


**L259. SENSATIONAL FRESH SALSAS - FROM APPLE TO ZUCCHINI NEW RECIPES ADDED! BY JIM LONG** It's simple to make your own salsas, tastier, and healthier with no additives. Just chop and mix. 55 recipes to charge up your salads, barbecue or main dishes! Some of the ingredients (besides tomatoes and peppers) in Long's salsas are melons, bananas, blueberries, papayas, black beans, pineapple, mango, mint, tequila, cucumber, peaches, raspberries, and more! **SOFTCOVER - 40 PP - \$5.95**

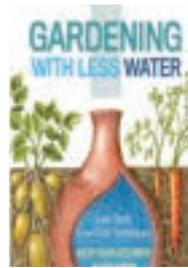
## GARDENING



**L234. TINY SPACE GARDENING: GROWING VEGETABLES, FRUITS, AND HERBS IN SMALL OUTDOOR SPACES BY AMY PENNINGTON** Learn the basics of gardening in pots and containers, find small windowsill and countertop projects, and receive specific recommendations for edibles that grow well in containers. Also included are 30 simple recipes you can make with your harvest, from Zucchini Fritters to Herby Pasta with Lettuce and Prosciutto, to Rosy Strawberry Buttermilk Cake. No matter how small your space, you can successfully grow edibles and then enjoy your harvest! Includes best containers and pots, tools, feeding and watering, pruning, recipes and more. **SOFTCOVER - 208 PP - \$22.95**



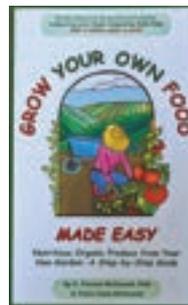
**L768. STARTING SEEDS BY BARBARA ELLIS** Get a jump on the gardening season! In this Storey BASICS® guide, Barbara offers practical, concise advice to help you start a variety of vegetables, herbs, and flowers from seed. Simple, proven techniques for sowing seeds, managing indoor plants, and creating proper growing conditions so your seedlings can thrive. Packed with expert advice suitable for both beginners and experienced gardeners. **PAPERBACK - 121PP - \$8.95**

**L467. GARDENING WITH LESS WATER**

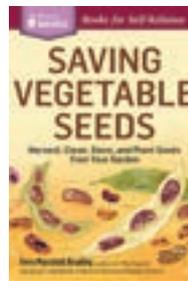
**BY DAVID A. BAINBRIDGE** Increasing drought, water shortages, and water costs, home gardeners are looking for inexpensive and simple ways to irrigate efficiently. With step-by-step illustrated instructions, demonstrates how to use materials such as terra-cotta pots, recycled bottles, and nylon rope to create low tech and low cost watering systems that dramatically reduce water use and benefit your garden. Super-efficient water systems deliver water directly to the roots, reduce weed growth, reduce watering time, and work for any size garden or container plant. Explains the innovative ways to use up to 90% less water in your garden. **SOFTCOVER - 128 PP - \$14.95**

**L331. HOME COMPOSTING MADE EASY**

**BY C. FORREST MCDOWELL, PHD & TRICIA CLARK-MCDOWELL** With over 2 million copies in print, this is the world's most popular guide on home composting! Used throughout North America by hundreds of municipalities, counties, waste management districts, states, organizations, and businesses. Absolutely the easiest and funniest book to read about composting. Fully illustrated in color with step-by-step, no-nonsense instructions and state-of-the-art advice by gardening and compost experts. Content includes: What is Compost?, Benefits of Composting, Compost & Nutrition, Setting Up Your System, Composting Systems, Stockpiling Materials, Composting Basics, What to Compost, The Carbon/Nitrogen Ratio, How to Use Activators, Turning Your Pile, Composting: A Quick Start Guide, The Add-As-You-Go Pile, The Batch Pile, Grass Clippings, Food Scraps, Leaves & Weeds, Garden Debris, Worm Composting, Compost Tea, Stages of Composting, Using Finished Compost, Questions & Answers, Troubleshooting Chart, and additional resources. A must have for any composter! **SOFTCOVER - 32 PP - \$4.95**

**L330. GROW YOUR OWN FOOD MADE EASY**

**BY C. FORREST MCDOWELL, PHD & TRICIA CLARK-MCDOWELL** Handy little book for any gardener! Learn how to save \$30-100+ a month in food costs by growing highly nutritious produce in as little as 100 square feet! This color-illustrated guide gives accurate, concise and easy step-by-step instructions on over 25 Earth-friendly gardening subjects, including soil preparation, raised-beds, natural fertilizers, companion planting, cover crops, mulching, natural pest control, and more! Included are sample food garden designs and 16 pages of health, nutrition, harvesting, storage and eating tips for over 40 vegetables and fruits. The featured Nutrition Connection offers invaluable strategies to reduce cancer risk, aid in weight control, and increase ingestion of protein, calcium, iron, vitamins A & C and more! A quick reference Step-by-Step Guide for the Gardening Season is featured on the inside front and back covers. Amazing compact book packed with useful information. **SOFTCOVER - 68 PP - \$6.95**

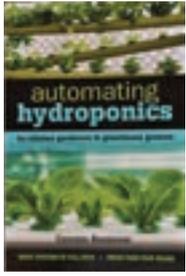


**L766. SAVING VEGETABLE SEEDS BY FERN MARSHALL BRADLEY** Become more self-sufficient by saving your own seed from one year to the next. Bradley clarifies how to select the best plants, make seed saving a part of your garden plan, save both wet and dry seed, overwinter biennial crops like carrots, store seed, and test viability before planting. A crop-by-crop guide explains the details of saving the seeds of beans, carrots, corn, cucumbers, lettuce, melons and watermelons, onions and leeks, peas, peppers, radishes, squash, and tomatoes. **SOFTCOVER - 96 PP - \$8.95**

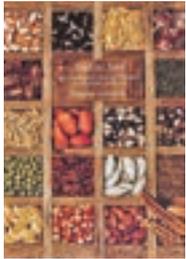
**L301. WEEDLESS GARDENING BY LEE REICH**

The phrase "weedless gardening" seems like an oxymoron, but Lee Reich claims it's possible. Reich, who has worked in soil and plant research for the USDA and Cornell University, spent 20 years refining his system of gardening from the top down. He shows how to garden like Mother Nature, offering a system that's good for plants and people. Protects the soil, eliminates heavy work and reduces water needs. No tilling of the soil. Say good-bye to backaches and weed problems. Read all the details in this book. **SOFTCOVER - 200 PP - \$10.95**

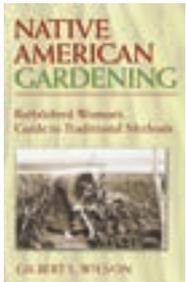
## GARDENING



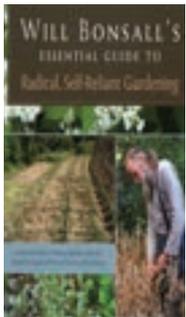
**L469. AUTOMATING HYDROPONICS: FOR KITCHEN GARDENERS TO GREENHOUSE GROWERS BY CERRETO ROSSOUW** Discover how to create the ideal hydroponic garden, regardless of your locale, level of expertise, or budget. Hydroponic systems can be used year-round, indoors or outdoors, and are perfect for small-scale rooftop gardens or urban greenhouses. Compared to soil-based gardening, hydroponic farming enables you to grow top-quality food at a faster rate, using less space and for a fraction of the cost; garner crop yields that are five to ten times greater; utilize vertical space for food production; and use 90% less water and reduce the amount of nutrients plants need. **PAPERBACK - 149 PP - \$14.95**



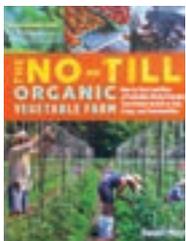
**L801. SEED TO SEED SEED SAVING AND GROWING TECHNIQUES FOR VEGETABLE GARDENERS, 2ND EDITION BY SUZANNE ASHWORTH** Complete seed-saving guide that describes specific techniques for saving the seeds of 160 different vegetables. Detailed information about each vegetable, including its botanical classification, flower structure and means of pollination, required population size, isolation distance, techniques for caging or hand-pollination, and also the proper methods for harvesting, drying, cleaning, and storing the seeds. Seed to Seed is widely acknowledged as the best guide available for home gardeners to learn effective ways to produce and store seeds on a small scale. **PAPERBACK - 228 PP - \$24.95**



**L165. NATIVE AMERICAN GARDENING - BUFFALO BIRD WOMAN'S GUIDE TO TRADITIONAL METHODS BY GILBERT L. WILSON** Of special interest to economic historians, anthropologists, or anyone fascinated by American Indian life. In 1917, anthropologist Gilbert Wilson recorded a year of gardening activities of Buffalo Bird Woman, a Hidatsa Indian, raised in the tradition of sustainable agriculture. A fascinating account. Full of information on seed varieties, harvesting, drying, saving seed and food preparation with detailed drawings. Recounts songs, stories, and ceremonies considered essential to a successful harvest. **SOFTCOVER - 144 PP - \$12.95**



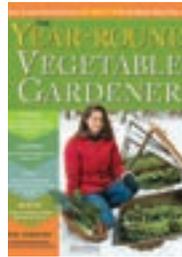
**L908. WILL BONSCALL'S ESSENTIAL GUIDE TO RADICAL, SELF-RELIANT GARDENING BY WILL BONSCALL** Maine native, visionary and director of the Scatter Seed Project, Bonsall shares more than forty years of wisdom. Offers rare insight into how to become fully food self-reliant and transform your relationship with the food you produce and eat. Eliminate the use of off-farm inputs like fertilizers, minerals and animal manures by practicing plant-based agriculture which is more eco-efficient and makes good business sense. Topics include: soil fertility, companion planting, trellising, improving soil drainage, avoiding pest and disease problems, threshing and winnowing grains, beans and oilseed crops, milling, baking and malting, freezing, fermenting and drying, and growing a diversity of crops. **SOFTCOVER - 388PP - \$39.95**



**L914. THE NO-TILL ORGANIC VEGETABLE FARM BY DANIEL MAYS** No-till is a method of growing crops and providing pasture without disturbing the soil. It has become an important alternative to standard farming practices. In this comprehensive guide to successful no-till vegetable farming for aspiring and beginning farmers, author Daniel Mays, owner and manager of an organic no-till farm in Maine, shares his personal and proven strategies. Learn how to: maximize production and efficiency through soil health and biodiversity, maintain a weed-free farm, integrate cover crops and livestock, increase resilience through interplanting, hedgerows, and beneficial insect habitat, build community and a vibrant customer base, and make a good living from farming. Learn how you can use this approach while maintaining a human-scale operation with fields, tools, and methods sized for people rather than tractors or machinery. **PAPERBACK - 240 PP - \$24.95**



**L802. PLANT PARTNERS BY JESSICA WALLISER** FOREWORD BY JEFF GILLMAN 2021 American Horticultural Society Book Award Winner Do you know that Nasturtiums deter squash bugs and winter rye suppresses weeds around asparagus? Companion planting has a long history of use by gardeners, but the explanation of why it works has been filled with folklore and conjecture. Plant Partners delivers a research-based rationale for this ever-popular growing technique, offering dozens of ways you can use scientifically tested plant partnerships to benefit your whole garden. Through an enhanced understanding of how plants interact with and influence each other, this guide suggests specific plant combinations that improve soil health and weed control, decrease pest damage, and increase biodiversity, resulting in real and measurable impacts in the garden. **PAPERBACK - 224 PP - \$24.95**



**L918. THE YEAR-ROUND VEGETABLE GARDENER BY NIKI JABBOUR** Proven techniques will provide you with delicious vegetables every single month. Using affordable and easy-to-assemble protective structures like row covers, cold frames, and mini hoop tunnels, you can harvest the most cold-tolerant vegetables even in the dead of winter. Niki Jabbour gardens in Nova Scotia where short summers and low levels of winter sunlight create the ultimate challenge. A comprehensive guide to extending the growing season with beautiful photos detailing her results. **SOFTCOVER - 256 PP - \$19.95**



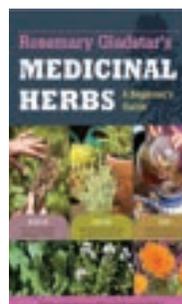
**L611. 100 PLANTS TO FEED THE BEES BY THE XERCES SOCIETY** Let's provide a healthy habitat for pollinators to thrive! The international bee crisis is threatening our global food supply, but this user-friendly field guide shows what you can do to help protect our pollinators. The Xerces Society offers browsable profiles of 100 common flowers, herbs, shrubs, and trees that support bees, butterflies, moths, and hummingbirds. The recommendations are simple: pick the right plants for pollinators, protect them from pesticides, and provide abundant blooms throughout the growing season by mixing perennials with herbs and annuals! This book will empower homeowners, landscapers, apartment dwellers – anyone with a scrap of yard or a window box – to protect our pollinators. **PAPERBACK - 240 PP - \$16.95**

## FORAGING



**L339. HOW TO FORAGE FOR MUSHROOMS WITHOUT DYING: AN ABSOLUTE BEGINNER'S GUIDE TO IDENTIFYING 29 WILD, EDIBLE MUSHROOMS BY FRANK HYMAN** With the surging interest in foraging for mushrooms, those new to the art need a reliable guide to distinguishing the safe fungi from the toxic. But for beginner foragers who just want to answer the question "Can I eat it?", most of the books on the subject are dry, dense, and written by mycologists for other mycologists. Frank Hyman to the rescue! How to Forage for Mushrooms without Dying is the book for anyone who walks in the woods and would like to learn how to identify just the 29 edible mushrooms they're likely to come across. **SOFTCOVER - 256 PP - \$16.95**

## HEALTHY LIVING



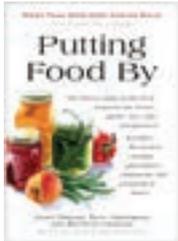
**L210. ROSEMARY GLADSTAR'S MEDICINAL HERBS: A BEGINNER'S GUIDE BY ROSEMARY GLADSTAR** Craft a soothing aloe lotion after an encounter with poison ivy, make a dandelion-burdock tincture to fix sluggish digestion, and brew up some lavender-lemon balm tea to ease a stressful day. In this introductory guide, Rosemary Gladstar shows you how easy it can be to make your own herbal remedies for life's common ailments. Gladstar profiles 33 common healing plants and includes advice on growing, harvesting, preparing, and using herbs in healing tinctures, oils, and creams. Stock your medicine cabinet full of all-natural, low-cost herbal preparations. **PAPERBACK - 224 PP - \$14.95**

## HEALTHY LIVING

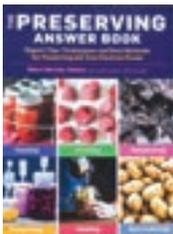


**L506. THE NATURALLY CLEAN HOME 3RD EDITION** BY **KARYN SIEGEL-MAIER** In this updated edition of her best-selling book, *The Naturally Clean Home*, Karyn Siegel-Maier brings together the formulas for home cleaning solutions that readers have trusted for years with new information and updated ingredients. Recipes eliminate Borax from ingredient lists, replacing it with safe substitutes that include citric acid powder, hydrogen peroxide, diatomaceous earth, cornstarch, washing soda, and baking soda. New recipes show readers how to make easy, nontoxic, environmentally friendly substitutes for popular cleaning products. Some of the 150 non-toxic recipes include laundry and dishwasher tablets, mold and mildew prevention, scouring powders, disinfectants, floor cleaners, room spritzers, and more. Cleaning will be so refreshing the whole family will pitch in!  
**PAPERBACK - 224 PP - \$12.95**

## PRESERVING



**L729. PUTTING FOOD BY** BY **JANET GREENE, RUTH HERTZBERG AND BEATRICE VAUGHAN** For over 30 years this has been the one-stop source for everything you need to know about preserving. Now fully updated, with step-by-step directions. 5th edition includes: instructions for canning, freezing, salting, smoking, drying, curing, preserving and root cellaring, mouthwatering recipes for pickles, relishes, jams and jellies, and preserving with less sugar or salt. Includes tips on equipment, ingredients, health, safety issues and resources. Covers why foods spoil, and gives easy- to-understand information to keep food safe. Whether a novice gardener or seasoned one, this book will be a handy go-to for all your preserving needs.  
**SOFTCOVER - 454 PP - \$17.95**



**L737. THE PRESERVING ANSWER BOOK 2ND EDITION** BY **SHERRI BROOKS VINTON** In this comprehensive guide, expert Sherri Brooks Vinton answers the home preserver's most commonly asked questions about every aspect of food preservation, from refrigeration and freezing to canning, drying, and fermenting all kinds of fruits and vegetables. She also offers tips and techniques for setting up your kitchen, choosing the preserving process that best suits your needs, making equipment and ingredient substitutions, and much more. Whether you're new to preserving or just looking to refresh your memory at the start of the season, whether you want to know the difference between jam and jelly or which varieties of tomatoes are best for canning, you'll find the information and confidence you need with this kitchen companion in hand.  
**PAPERBACK - 256 PP - \$14.95**



**L738. CAN IT & FERMENT IT: MORE THAN 75 SATISFYING SMALL BATCH CANNING AND FERMENTATION RECIPES FOR THE WHOLE YEAR** BY **STEPHANIE THUROW** Blogger and Certified Master Food Preserver Stephanie Thurow brings the canning and fermenting communities together by offering recipes that work for both canning and fermenting. From a first-timer to the advanced preservationist, *Can It & Ferment It* shows canners and fermenters alike how they can have the best of both worlds. Recipes include: Strawberry Rhubarb Jam, Sugar Snap Pea Pickles, Dandelion Jelly, Pickled Fennel, Fiddlehead Fern Pickles, Spicy Spring Onion Relish, Napa Cabbage Kimchi, and much much more. Stephanie explains the differences between the canning and fermentation processes, emphasizes the importance of using local and organic produce, describes canning and fermenting terminology and the supplies needed for both methods, and offers more than seventy-five fun and easy recipes for every season. Readers will learn how to preserve each fruit or vegetable in two different ways: each can be enjoyed water bath-canned or as a healthy, probiotic-rich ferment.  
**HARDCOVER - 197 PP - \$16.99**

## CHILDREN'S BOOKS



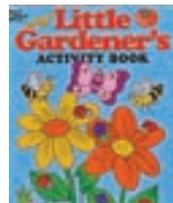
**L140B. BACKPACK EXPLORER: BUG HUNT** BY **EDITORS OF STOREY PUBLISHING** Head outside and get the buzz on bugs! Packed with educational prompts and activities, this book encourages junior naturalists to spot insects while on a walk in the woods, playing in a park, or searching right outside their front door. Twelve interactive field guides help young seekers identify fliers, crawlers, and pollinators, while sensory scavenger hunts, projects such as Weave a Web or Make a Bug Hotel, and cool bug facts boost the insect intrigue. Found within *Bug Hunt*, you'll discover a real magnifying glass, stickers, and a log for recording sightings. Grab this book and go outside to see what bugs are in your neighborhood. Recommended for ages 4 and up.  
**HARDCOVER - 48 PP - \$12.95**



**L132. THANK YOU, FARM AGES 0-3** Gratefulness begins with babies! On every page of this beautiful book, Jade Orlando's charming illustrations invite little ones to give thanks to their favorite farm friends. From thanking cows for their milk and bees for their honey to thanking sheep for a woolly sweater and the garden for yummy carrots, this sweet book teaches the youngest readers to celebrate and feel grateful for the simple gifts of the farm.  
**BOARD BOOK - \$6.95**



**L134. THANK YOU, TREE AGES 0-3** Fiona Lee's charming illustrations invite little ones to celebrate a wonderful tree, learn its name, and say thank you for the tree's joyful, natural gifts. From thanking a magnolia tree for its pink blossoms and a birch tree for a branch to swing on to thanking a maple tree for its colorful fall leaves and a cedar for a secret hiding place, this sweet book teaches the youngest readers to celebrates trees for their leaves, branches, flowers, fruits, and more.  
**BOARD BOOK - \$6.95**



**L118. LITTLE GARDENER'S ACTIVITY BOOK** BY **FRAN NEWMAN-D'AMICO** Tomatoes, scarecrows, daisies, ladybugs, and other garden residents fill the pages of this entertaining activity book. Thirty pages are filled with a variety of puzzles featuring gardening themes. You can count the creepy crawly visitors in a flower bed, fill in a crossword puzzle made up of vegetable names, find pictures of things that don't grow in a garden, and more. After you've finished the puzzles, you get to color the pictures! Ages 3-8.  
**SOFTCOVER - 30 PP - \$3.95**



**L122. FLIGHT OF THE HONEY BEE** BY **RAYMOND HUBER/ILLUSTRATED BY BRIAN LOVELOCK** Read and Wonder books tell stories that take children on adventures, all the while feeding their curiosity with intriguing facts. Children will explore the flight of a tiny honey bee named Scout as she emerges for the first time from the hive in search of the last fall flowers. As she looks for nectar to sustain her hive, Scout pollinates flowers to produce seeds and fruit. Adorable story full of interesting facts. Recommended for children ages 3-7.  
**SOFTCOVER - 30 PP - \$8.95**





## ESSENTIAL OILS

Our essential oils are 100% pure and derived directly from the actual plants' flowers, leaves, roots or stems by steam distillation. These high quality, multifaceted oils are perfect for use in the garden and around the house. Some uses include: insect repellent, garden pest control, cleaning supplies, and skin care. Ingenitive bottle design allows for drops of oil to be dispensed one at a time. Oils should be used diluted and never ingested.

**ALL 5 ML OILS - \$6.50**

**SM404. BERGAMOT** Delightful combination of citrus and floral aromas. Due to its exceptional uplifting and relaxing properties, it is one of the most important oils to use in your air sprays, diffusers, bath, and massage blends to treat tension, anxiety, and depression.

**SM406. CEDARWOOD** Fresh, earthy aroma which imparts a relaxing effect of the mind whilst simultaneously bringing a stimulating and strengthening action to the body. Great to use in aftershaves and other masculine blends.

**SM408. CINNAMON** Warm, spicy fragrance when used in massage blends can stimulate circulation and its antispasmodic action can ease stiff joints and muscles. Resists viruses and kills bacteria. Insect bites, warts, wasp stings all seem to respond to treatment with cinnamon oil.

**SM410. CITRONELLA** Lemony scent most commonly used in insect repellents. Also has a deodorant action and helps neutralize excessive perspiration.

**SM507. CLARY SAGE** Smelling slightly herbal with a sweet earthy, floral tone, clary sage is rich in natural skin care and especially therapeutic for women. May assist with hot flashes and reduce sweating. In skin care, it helps to regulate sebum production, tones the skin as a mild astringent, and reduces inflammation.

**SM412. CLOVE** Warm, spicy and intense aroma of true clove bud that may create a feeling of protection and courage. Popular in fall and winter holiday products.

**SM414A. EUCALYPTUS** Clean, camphoric scented oil which is one of the most powerful natural antiseptics. Highly effective in massage blends to ease the pain of sore muscles and body aches. A definite brain cleanser, crystallizing the mind like a breath of fresh air and improving concentration.

**SM416. FIR** Fresh green, woody aroma of an evergreen tree creates a feeling of grounding, anchoring, and promotes a sense of focus. Can help balance the emotions and stimulate the mind while allowing the body to relax.

**SM504. GERANIUM** Fresh floral aroma similar to rose and often used in the perfume industry.

**SM418. GINGER** Warm and spicy oil used in massage blends whose pain relieving and warming properties make it a good choice for muscle aches and pains, poor circulation, sprains, and strains.

**SM420. GRAPEFRUIT** Mouth-watering zesty aroma that energizes, invigorates, and refreshes. Use it in blends to treat cellulite or put a few drops in a diffuser to create a fresh, citrus ambience.

**SM422A. LAVENDER** The most versatile of all the essential oils used in aromatherapy. Its soothing and revitalizing properties make it the ideal choice to use in skin care and body care blends, as well for creating a refreshing and relaxing atmosphere in your home.

**SM424A. LEMON** Pleasant citrus scent which promotes health, healing, physical energy, and purification. Its fragrance is invigorating, enhancing, and warming.

**SM426. LEMONGRASS** Herbaceous lemony fragrance that is refreshing, cleansing, and stimulating for the skin. Useful in deodorants and makes a good insect repellent. Its aroma promotes awareness and purification.

**SM428. LIME** Fresh, lively fragrance that is stimulating and refreshing. The scent helps to overcome exhaustion, depression, and listlessness.

**SM430A. ORANGE** Bursting citrus aroma is uplifting, reviving, and fortifying to the mind and body. It is a cheerful oil that eases depression and encourages us to be joyful.

**SM432A. PATCHOULI** - Sweet, musky aroma is sedating, calming, and relaxing allowing a reduction in anxiety. It is used in perfumes as a fixative.

**SM434A. PEPPERMINT** - Minty, fresh fragrance quickly revives, clears the head, and aids in concentration. The cooling and pain relieving action is immensely soothing to tired legs and feet. Peppermint also is a very good deterrent to insects and rodents.

**SM438. ROSEMARY** Promotes clear thinking, aids concentration, and improves memory. Useful for toning and tightening loose, sagging skin and a helpful hair/scalp treatment when added to shampoos.

**SM440. SPEARMINT** Sweet, minty oil that is gentler than peppermint. A mental stimulant that promotes mental clarity, encourages positivity, and lifts one's spirits. May help to open and release emotional blocks to bring about a feeling of balance.

**SM442. TANGERINE** Bright citrus aroma of a freshly sliced juicy tangerine which can be calming and ease feelings of grief and anger.

**SM444A. TEA TREE** With a slightly musty scent, this "first aid in a bottle" has many outstanding properties, but best known for its capacity to stimulate the immune system, inhibit the growth of viruses, prevent or destroy fungal infections, and kill bacteria.

**SM511. THYME** Thyme (Red) Essential Oil is warm and herbaceous with floral and powder notes. One of the best essential oils for cleaning due to its powerful cleansing properties. Thyme essential oil can help to clean surfaces and remove dirt, grime, and unpleasant odors—all without the use of harmful chemicals. Popular for blending with orange, lemon, geranium, eucalyptus, and lavender.



### SM50. PIPET FOR DISPENSING OIL

We suggest using a pipet for dispensing oils to facilitate the process, reduce waste, and avoid direct exposure on the skin. - \$0.49



### AMBER GLASS FINE MISTER

Amber glass Boston round bottles with a black fine mist sprayer and clear over-cap. Ideal for any product that needs to be applied by misting. The amber color and glass features make these a perfect solution for liquids containing essential oils like room deodorizers or body spritzers. Available in two sizes: 2 oz. or 4 oz. measuring 4 3/4" x 1 1/2" and 5 1/4" x 1 3/4" respectively.

SM196. - 2 OZ. - \$2.50 SM197. - 4 OZ. - \$2.75



**PINETREE'S PREMIUM SEED COLLECTIONS**

Perfect as a gift! Or take the guesswork out of starting a specialty garden! These carefully curated selections come attractively packaged in a decoratively wrapped recyclable box with each of the seeds listed, and an instructional insert with plenty of growing tips. We are so excited to share some of our favorites with you! Contents may vary slightly based on product availability.



**NEW!**

**PPC8. HEIRLOOM LOVER'S TOMATO COLLECTION **NEW!****

We have gathered together 6 of our favorite heirlooms in this collection, each variety offering something special. - \$15.50

Marianna Peace, Wapsipinicon Peach, Kellogs Breakfast, San Marzano, Príncipe Borghese, Black Krim



**NEW!**

**PPC9. SOW AND GROW CUT FLOWERS COLLECTION **NEW!****

No need to start any seeds indoors with this collection, but of course, you can and will get even earlier blooms! - \$15.50

Oklahoma Mix Zinnia, Tall Mix Centaurea, Pink Surprise Calendula, Paper Daisy Sunflower Mix, Sensation Mix Cosmos



**NEW!**

**PPC10. BROWN THUMB SEED COLLECTION **NEW!****

For a beginning or novice gardener helping to motivate them to grow veggies successfully. - \$15.50

Lettuce Pinetree Mix, Bush Bean Masai, Cucumber Diva, Carrot Sugar Snap Pea Sugar Sprint, Tomato Gardeners Delight



**PPC6. HEIRLOOM SEED COLLECTION**

A collection to introduce new and long time gardeners to the joys of heirloom seeds! - \$15.50

Lemon Cucumber, Heirloom Lettuce Mix, Rattlesnake Pole Bean, Mammoth Melting Snow Pea, Buttercup Winter Squash, Ronde De Nice Summer Squash, Red Cored Chantenay Carrot



**PPC7. BRING IN THE BUTTERFLIES!**

A carefully curated selection of annuals and perennials that will lure the butterflies to your garden. - \$15.50

Red Swamp Milkweed, Purple Coneflower Echinacea, Gaillardia -Blanket Flower, Sensation Mix Cosmos, Torch Tithonia, Oklahoma Mix Zinnia



**PPC4. "JUST MY SIZE" KIDS COLLECTION**

A sweet collection of fun sized veggies to get kids excited about getting out in the garden! - \$15.50

Dragons Egg Cucumber, Dragon Carrot, Snak, Hero Pea, Spookie Pumpkin, Giant Gray Striped Sunflower, Rattlesnake Pole Bean

**PINETREE GIFT KITS**

All beautifully boxed and ready for giving.



**PPC5. BUSY BUZZY POLLINATOR COLLECTION**

A perfect selection of annual flowers that are inviting to pollinators. - \$15.50

Sensation Mix Cosmos, Cut N' Come Again Zinnia , Borage, Italian White Sunflower, Lemon Gem Marigold, Tall Mix Centaurea-Cornflower



**PGK03. HEALING HERBS GARDEN KIT**

Herbs have been used for thousands of years as the primary way to treat and heal our bodies. We've put this kit together so that you can plant a healing herb garden of your own. This kit contains eight hardy perennial herb seeds, two self-seeding annual herb seeds, copper plant markers, and the book- Medicinal Herbs; A Beginners Guide. Seeds included: Narrow Leaf Echinacea, St John's Wort, Resina Calendula, Feverfew, Marshmallow, Lemon Balm, Mint, Arnica, German Chamomile, and White Yarrow. - \$44.95



**PGK04. CHEF'S HERB GARDEN KIT**

If you have an affinity for cooking or know someone who does, this kit will deliver an abundance of flavors straight from your garden to your plate. This kit contains twelve packets of herb seeds for starting a chef's herb garden, herb shears to help process fresh herbs, and Great Herb Mixes You Can Make- an herb recipe book. Seeds included: Sage, Rosemary, Thyme, Cilantro, Italian Large Leaf Basil, Lemon Grass, Parsley, Greek Oregano, Marjoram, Dill, Winter Savory, and Chives. - \$44.95



**PGK01. EASY TO GROW GARDEN KIT**

Start your first garden adventure or help a friend start one with this kit! Filled with some of our most popular seed varieties, peat pellets, wood labels, our "Pinetree Garden Planner", and our very own "Guide to Seed Starting". Seeds included: French Breakfast Radish, Warrior Bunching Onion, Howden Pumpkin, Early Prolific Straightneck Summer Squash, Sungold Tomato, Marketmore Cucumber, Di Cicco Broccoli, Tendersweet Carrot, Pinetree Lettuce Mix, Masai Bush Bean, and Super Sugar Snap Pea. - \$49.95



**PG7. SPROUTING GIFT SET**

The health benefits of Sprouts are extensive and include improving digestion, boosting metabolism, increasing enzymatic activity, helping with weight loss, lowering cholesterol, reducing blood pressure, and supporting the immune system just to name a few. Easily grow your own sprouts! Includes a seed sprouter with 4 tiered plastic reusable trays and 3 packages of sprouting seeds (alfalfa, mung bean, and Daikon radish) and instructions. - \$29.95

**PINETREE GARDEN SEEDS GIFT CERTIFICATES**

Always the perfect gift for the gardeners in your life! You specify the amount you wish to give. Available via email or we'll mail a paper certificate with a catalog and a card identifying the gift giver.

Email Gift Certificate Item Number - GCEMAIL (AVAILABLE ONLINE ONLY)

Printed Gift Certificate Item Number - GCPRINT



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NEW GLOUCESTER, ME 04260

# Over 100 new items for 2024!



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