












# PLANTING GUIDE












Product	Description	Annual / Preennial	Planting Depth	When To Plant	How Much To Plant	Recommended Sunlight	Pref. Soil pH	Recommended Fertilizer Without A Soil Analysis
<b>BIOMASS</b> 	Beans, peas, sorghum, soybeans and sunflower. Designed for nutrition and attraction.	Annual	1/4 to 1/2 inch.	Can be planted anytime during the spring after the last frost date, and through the late summer.	25 lbs. per acre.	Best in full sun.	5.8 - 7.0	300 - 500 lbs. of 10-10-10 per acre
<b>BIOMASS ALL LEGUME</b> 	Soybeans, Iron & Clay Peas, Lablab beans. Designed to be used with a "grass-specific" herbicide.	Annual	1/4 to 1/2 inch.	Can be planted anytime during the spring after the last frost date, and through the late summer.	25 lbs. per acre.	Best in full sun.	5.8 - 7.0	300 - 500 lbs. of 10-10-10 per acre
<b>BLIND SPOT</b>	BioLogic's BLIND SPOT helps hunters conceal ground blinds and duck blinds by providing natural concealing foliage. After maturity, BLIND SPOT also drops seed that waterfowl, turkey, and upland birds love. Proven to work, BLIND SPOT will help you take the hunt to the game!	Annual	1/2 inch	BLIND SPOT needs 90-100 days of growth prior to a frost. Plant early to mid-June for locations in the North, early to mid-July for locations in the South.	2 lbs. per 1/8th of an acre, or 5445 sq feet	Best in full sun.	5.8 - 7.0	350 lbs. of 9-24-30 . Once established use a product with little or no nitrogen like a 0-20-20 , 300 - 400 lbs. per acre.
<b>CLOVER PLUS</b> 	A blend of our most successful New Zealand red and white clovers and chicory. Extremely palatable. Produces huge leaves, not stems. Highly nutritious .	Perennial - 3 to 5 years or more.	1/4 inch or less.	In south plant during the early fall. In north plant during the spring.	9 lbs. per acre.	At least 4 hours per day.	6.0 - 7.0	350 lbs. of 9-24-30 . Once established use a product with little or no nitrogen like a 0-20-20 , 300 - 400 lbs. per acre.
<b>DEER RADISH</b> 	BioLogics DEER-RADISH can be planted by itself or added to BioLogic seed blends to further increase attraction. As an added benefit, the deep penetrating roots help bust through tough hard pans and help to rejuvenate soils.	Annual	1/4 inch.	Plant early August in the North, and early September in the South.	2 lbs. per 1/4 acre.	At least 6 hours per day.	5.8 - 7.0	350 - 400 lbs. of 13-13-13
<b>EGYPTIAN WHEAT</b> 	Egyptian Wheat is an ideal food source upland game birds and doubles as great way to conceal ground blinds, duck blinds, or to create a visual barrier along a roadside or foodplot.	Annual	1/2 inch	Spring or Summer. Needs 90 days to mature	10 lbs. to 15 lbs. per acre.	At least 6 hours per day.	5.8 - 7.0	250 lbs. of 46-0-0. Once established use 20-0-0
<b>FULL DRAW</b> 	A blend of BioLogic's most succulent forage wheat, annual clovers and brassicas.	Annual	1/4 inch.	Late Summer to Fall.	10 lbs. per acre.	At least 6 hours per day.	5.8 - 7.0	350 - 400 lbs. of 13-13-13
<b>GRAIN SORGHUM</b> 	We've always been impressed with the grain sorghum we use in Guides Choice...and now we are making that available in a 50 lb bag. Doves, quail, turkeys, waterfowl and even deer love it. We suggest planting it in strips. Plant at 10-15lbs per acre broadcast. We love the diversity this product offers a property.	Annual	1/2 inch	Spring or Summer. Needs 90 days to mature	10 lbs. to 15 lbs. per acre.	At least 6 hours per day.	6.0 - 7.0	350 lbs. of 9-24-30 . Once established use a product with little or no nitrogen like a 0-20-20 , 300 - 400 lbs. per acre.
<b>GREEN PATCH PLUS</b> 	A blend of traditional grains, New Zealand brassicas and clovers.	Annual	1/4 inch.	Late Summer to Fall.	40 lbs. per acre.	At least 6 hours per day.	5.8 - 7.0	350 - 400 lbs. of 13-13-13
<b>GUIDE'S CHOICE</b> 	A blend of Japanese millet, sorghum and buckwheat. Possibly the most advanced waterfowl planting ever.	Annual	1/4 inch or less.	"Late May through July in Northern Climates and July through early August in the south. Some components need only 50 to 60 days to mature. Needs 75-80 days for all components to fully mature under normal conditions."	40 lbs. per acre.	Full sun.	6.2 - 7.0	300 - 500 lbs. of 10-10-10 per acre





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<b>HOT SPOT</b> 	"A blend of three rapidly germinating cultivars (wheat, buckwheat and Austrian Journey Pea) that will do well even in marginal soil. Designed for attraction." No till - no plow blend	Annual	1/4 inch.	"Late Summer to Fall. Plant about 3 to 5 weeks before you wish to hunt the location."	5 lbs. to a 20 x 20 yard square recommended around hunting area.	At least 4 hours per day.	5.6 - 7.5	40 lbs. of 10-10-10 per 20 x 20 yard square
<b>JAPANESE MILLET</b> 	Japanese Millet is a easy to grow food source perfect for waterfowl food plots and is one of the main components used in our popular Guides Choice product.	Annual	1/4-1/2 inch	LateSpring/early summer	20 lbs. per acre.	At least 6 hours per day.	5.8 - 7.0	250 lbs. of 46-0-0. Once established use 20-0-0
<b>LABLAB</b> 	A vigorous, twining legume. High in protein and resistant to insects and disease. Grows well in a variety of soils and conditions.	Annual	1/2 to 1 inch deep.	"Plant whenever soybeans are being planted in your area. Typically March in the deep south to June in the northern zone, or whenever soil temperatures reach 65° or warmer."	20 lbs. per acre.	Full sun to partial shade.	"5.0 - 8.0 but prefers 6.0 - 7.0"	300 lbs. of 0-20-20
<b>LAST BITE</b> 	BioLogic's Last Bite is an annual fall blend created by BioLogic and obsessed deer hunters Mark and Terry Drury, of Drury Outdoors, to provide highly attractive and nutritious forage from the beginning of bow season through the latest gun season. Last Bite contains forage triticale, cold tolerant oats and soft winter wheat, a quick establishing annual clover, and two different maturity rate brassicas for an all season blend.	Annual	1/4 inch or less	Plant late summer in the north and fall in the south	11.25 lbs. per 1/4 acre	At least 6 hours per day	5.8 to 7.0	350-400 lbs. of 13-13-13
<b>MAXIMUM</b> 	A blend of 100 % New Zealand brassicas. The ultimate in attractiveness and nutrition.	Annual	1/4 inch or less.	"Anytime during the growing season pending adequate soil moisture. Typically late Summer or Fall."	9 lbs. per acre.	At least 6 hours per day.	6.0 - 7.0	350 - 400 lbs. of 13-13-13
<b>NON-TYPICAL CLOVER</b> 	This clover planting has been extensively tested and chosen for its proven durability, nutrition, and attraction. Recent field trials have shown Non Typical Clover™ has a track record of quick stand establishment, aggressive stolon (stem) growth, heavy forage output, and long term stand persistence.	Perennial - 3 to 5 years or more.	1/4 inch	"In the Southern zone, plant during the fall when adequate soil moisture is available. In the Northern zone, plant during the spring or frost seed. Stands can be successfully established during both the spring and fall planting seasons in the middle latitudes."	8 lbs. per acre.	At least 6 hours per day.	6.0 - 7.0	350 lbs. of 9-24-30 . Once established use little or no nitrogen like a 0-20-20 , 300 - 400 lbs. per acre."
<b>"OUTFITTER'S BLEND"</b> 	A blend of Oats, Wheat, Triticale and Austrian Winter Peas with a very small percentage of brassicas and clover also.	Annual	1/4 to 1/2 inch deep.	Plant late summer in the north and fall in the south.	45 lbs. per acre.	At least 6 hours per day."	5.8 - 7.0	350 lbs of 13-13-13 per acre
<b>PERFECT PLOT</b> 	"A blend of perennial red and white clovers, chicory and alfalfa along with our most nutritious and palatable annual brassica cultivars and winter peas."	Both	1/4 inch or less.	In the north it can be planted in the spring or late summer. In the south it should be planted in the late summer or fall.	9 lbs. per acre.	"Partial to full sun. At least 6 hours per day."	6.5 to 7.0	350 lbs 10-20-20 . at planting. Once established use a product with little or no nitrogen like a 0-20-20 300 to 400 lbs per acre.
<b>"PLOT PERFORMANCE ADDITIVE ALFACLOVER"</b> 	This unique blend alfalfa and clover cultivars is different from any other alfalfa-clover blend marketed in the United States. These blends are specifically engineered for deer.	Annuals and preennials.	1/4 inch or less.	Spring or Fall	9 lbs. per acre or can be used to mix with other blends at time of seeding. Can be over-seeded onto existing plots.	At least 6 hours per day.	6.5 - 7.0	15 lbs. of nitrogen and 50 - 60 lbs. of phosphorous and potassium per acre. 300 - 500 lbs. of 3-9-9 per acre during establishment, and thereafter annually.





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<b>"PLOT PERFORMANCE ADDITIVE ALFALFA"</b> 	"BioLogic's Alfalfa blend is preinoculated with new technology that increases shelf life of rhizobium (the bacteria that allows legumes to create nitrogen)."	Perennial 6 years with proper care	1/4 inch or less.	"In the Southern zone, plant during the fall when adequate soil moisture is available. In the Northern zone, plant during the spring. Stands can be successfully established during both the spring and fall planting seasons in the middle latitudes."	9 lbs. per acre or can be used to mix with other blends at time of seeding. Can be over-seeded onto existing plots.	"Best in full sun but will grow in as little as 6 hours per day."	6.5 – 7.0	300 - 350 lbs or 13-13-13
<b>"PLOT PERFORMANCE ADDITIVE CHICORY"</b> 	BioLogic's Chicory allows any clover or typical green-field plot to include the great nutritional quality and persistence of BioLogic's chicory cultivars. Works extremely well in dry areas.	"Perennial 4 to 6 years. Preforms best with a nurse crop."	"1/4 inch or less.	Spring or fall	Mix with other blends at time of seeding. Can be over-seeded onto existing plots.	"Best in full sun but will grow in as little as 6 hours per day."	5.5 – 7.0	"400 lbs. per acre of phosphorous and potassium if it is added to a clover based plot. If added to a non-legume based crop then add at least 400 lbs. per acre of 10-10-10 or more concentrated fertilizer."
<b>PREMIUM PERENNIAL</b> 	"A blend of New Zealand red and white clovers, our best chicory cultivars and our most nutritious and palatable brassica cultivars."	Annual and Preennial	1/4 inch or less.	Spring or Fall.	9 lbs. per acre. Can over- seed with Maximum to add back the annual part of the blend.	At least 6 hours per day.	6.0 – 7.0	350 lbs. of 10-20-20 . For established perennials use a product with little or no nitrogen like a 0-20-20 , 300 – 400 lbs. per acre.
<b>SPRING PROTEIN PEAS</b> 	BioLogic Spring Protein Peas is an annual warm season planting that is designed to provide maximum nutrition for your deer herd through the critical growing months. Protein Peas is a very drought and browse tolerant planting that is high in nutrition and very attractive to whitetails.	Annual	1/2 -1 inch	Spring or Summer	8.5 lbs. per 1/4 acre	At least 6 hours per day.	5.5 - 7.0	350 – 400 lbs. of 13-13-13
<b>SPRING PROTEIN PEAS PLUS</b> 	BioLogic Spring Protein Peas Plus is an annual warm season planting that is designed to provide maximum nutrition for your deer herd through the critical growing months. Protein Peas is a very drought and browse tolerant planting that is high in nutrition and very attractive to whitetails. As an added plus Spring Protein Peas Plus had added sorghum and sunflower stalks that increase forage production by providing a climbing stalk for legumes.	Annual	1/2-1 inch	Spring or Summer	20 lbs. per 1/2 acre	At least 6 hours per day.	5.5 - 7.0	350 – 400 lbs. of 13-13-13
<b>TURKEY GOLD CHUFA</b> 	Chufa is relished by wild turkeys. BioLogic and the NWTF have developed the best quality chufas found anywhere.	Annual. 90 days to mature.	1 to 1 1/2 inches.	"Chufa will grow anywhere you can grow corn. Plant after the danger of a hard frost is gone and day-time air temperatures are at least in the 70 s."	"Broadcast 40 – 50 lbs. per acre, or drill using corn planter with peanut plates at 35 lbs. per ]acre in 36-inch rows."	Full Sun.	6.0 – 7.0	400 lbs. of 13-13-13 per acre
<b>WHISTLEBACK</b> 	"A blend of millets, sorghum, sunflowers, eqyptian wheat and other seed producing plants that are loved by upland birds, waterfowl and wild turkeys."	Annual	1/2 inch deep.	Late spring early summer through mid summer.	10 lbs plants a 1/2 acre. Best planted in strips.	Best in full sun.	5.8 – 7.0	75 lbs of 10-10-10 per 1/2 acre





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<b>WINTER GRASS PLUS</b> 	BioLogic's Winter Grass Plus is a blend of traditional cool season grains, BioLogic Brassicas, and Deer Radishes created to provide attractive forage throughout the fall and well into the winter months.	Annual	1/2 inch	"Plant in mid to late August in northern zone, September in the middle latitude states and Sept. Oct. in Southern states."	50 lbs. per acre	At least 4 hours per day.	5.8 – 7.0	350 – 400 lbs. of 13-13-13
<b>WILDLIFE SWEET CORN</b> 	BioLogic's Wildlife Sweet Corn is a blend of two heirloom varieties that have over a century of proven reliability. BioLogic's Wildlife Sweet Corn has a sugar content higher than that of new hybrids and is generally consumed earlier in the fall/winter especially when planted in areas with surrounding agricultural corn.	Annual	1-1/2 to 2 inches deep.	Late April to early June for the South, early May- early June for the North.	15 lbs. per acre	At least 6 hours per day.	6.0 - 7.2	For nitrogen requirements, apply 200 lbs of 46-0-0 per acre. High nitrogen fertilizers should ideally be incorporated into the soil just before planting. For maximum yield, another 100lbs of nitrogen per acre can be broadcast when plants are at V-2 stage (Typically 7 to 10 days after emergence).
<b>WINTER BULBS &amp; SUGAR BEETS</b> 	A super late season blend of selected guaranteed bulb producing brassicas. The forage is consumed first and then the deer dig up and eat the bulbs. Also included are sugar beets, known in the upper Midwest to be relished by whitetails.	Annual	1/2 inch or less.	August in the north, September in the south, Late July in Canada.	9 lbs. per acre	At least 6 hours per day.	6.0 – 6.5	350-400 lbs of 13-13-13 per acre.
<b>WINTER PEAS</b> 	A planting of extremely attractive cold tolerant peas.	Annual	1/4 inch deep.	Plant late summer in the north and fall in the south.	40 lbs. per acre.	"Partial to full sun. At least 6 hours per day."	6.0 – 7.0	350 lbs of 9-24-30 per acre.