

# Orchard Valley SUPPLY INC.



Dear Valued Customer,

Since 1986, *Orchard Valley Supply* has been a wholesale supplier for the vineyard, winery and orchard industries. We provide quality products, prompt service, and low prices. We provide everything needed between the vine/plant and the wine/fruit.

*Orchard Valley Supply* carries products related to trellis, training, pruning, wildlife control, harvest, and much more. We are a distributor of such quality products as: Gripple, Clip-it, Felco, Grapefork, and Wire Care Clips.

Everything needed to build a trellis system, train vines, protect your crop from wildlife and harvest the fruit is available. Orchard Valley Supply can provide assistance in deciding how to setup your trellis system with the wire, posts, and fasteners needed. We can then provide the tying supplies and stakes to train the vines along with harvest supplies and solutions for wildlife control.

Our catalog carries most of our products but see our website for additional products and the latest updates plus our extensive Helpful Info page. Ask for first-time customer discounts and discounts for volume orders. You can order securely online at [www.orchardvalleysupply.com](http://www.orchardvalleysupply.com), by faxing an order form (found online), or by calling toll free at **1-888-755-0098**.

Thank you for your interest in our products and we hope you take advantage of our great selection, fast and friendly service, and low prices soon! Remember, *Orchard Valley Supply – No Vines...No Wines...Just Everything In Between!*®



Toll Free: 888-755-0098  
Phone: 704-455-4933  
Fax: 704-455-4952  
Email: [info@orchardvalleysupply.com](mailto:info@orchardvalleysupply.com)  
Web: [www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)

## TABLE OF CONTENTS

### TRELLIS SUPPLIES

Posts	2
Wire	2
Anchors	2
Crossarms	2
Fasteners	2-4
Miscellaneous	4

### TRAINING/TYING SUPPLIES

Pruning/Loppers	4-6
Vine/Plant Tying Supplies	6-7
Training Stakes	8
Grow Tubes	8

### WILDLIFE CONTROL SOLUTIONS

Exclusion Devices	9
Noise Devices	9
Visual Devices	10
Scent Devices	10

### HARVEST SUPPLIES

Shears	10
Ring Knives	10
Fruit Harvester	10
Lugs/Bins	10
Buckets/Boxes/Scales	11

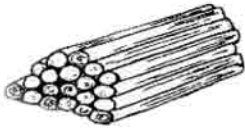
### AND MORE!

Irrigation	11
Sprayers	11
Chemicals	11
Testing Equipment	11-12
Safety Equipment	12
Grafting Supplies	12
Publications	13

For pricing and complete product listings, see:  
[www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)

**WOOD POSTS**

We supply a variety of post types: Southern Yellow Pine, Lodgepole



Pine, Red Pine. For posts to be economical, you need to buy a full truck load or split a truck load (800 - 1200 posts) with others in the area.

**METAL POSTS**

We carry the most popular and strongest vineyard post. The 8' Rolled Edge Vertical Line Posts have notches on the side for easy wire placement without clips. We also have T-Posts and 9' metal end posts. Using metal alleviates any concern with wood preservatives, installation is easier, you can order in any quantities, they are more mechanical harvester friendly, and you don't need to buy and install wire clips.



**POST EXTENDERS**

Easy to attach to your existing posts, wood or metal. Come in 2' lengths.



**POST DRIVER**

This tube type manual post driver saves time and is a cost efficient method of installing your metal line posts.



**VINEYARD WIRE**

This is a high-tensile smooth steel wire with the proper strength and coating for vineyards. It has a 250% heavier coating than typical applications for decades of life. Available in 12.5 and 14 gauges.



**FELCO C7 WIRE CUTTER**

The Felco C7 was specifically designed for cutting steel trellis wire. Unique triangular jaws never leave a frayed cut. Cuts wire rope up to 3/16".



**VINEYARD MONOFILAMENT WIRE**

A replacement for conventional steel wires (though it is not designed to be a Fruiting wire).



Manufactured from a high quality tensile polyamide (monofilament) that has a life expectancy of 15 years. Doesn't corrode, UV resistant, and light weight.

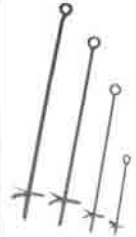
**SPINNING JENNY**

An important tool to prevent tangles and injury. It is a dispenser used for coils of wire aiding in convenient stringing in the field. Available in multiple styles including heavy-duty (pictured), light-duty and one that holds 4 rolls.



**EARTH ANCHORS**

Our earth anchors are made of high quality steel with a center or offset eye and helix plate. While we carry standard sizes other sizes are available.



**ANCHOR ADAPTOR**

Attaches to your tractor and locks onto the anchor eye in order to mechanically drive helix style anchors.



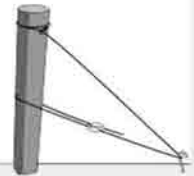
**STONY GROUND ANCHORS**

Galvanized steel anchors used specifically for stony ground. This anchor will go where the typical helix type anchor will not. The anchor is driven into the ground by a hammer then a mandrel is driven down into the center of the anchor pushing the "steel roots" into the ground locking it in place. Anchor Tool Set required for installation. (see online)



**END POST ANCHOR SYSTEM**

A unique system by Gripple developed to offer growers a fast and easy method of securing end posts. Consists of a high grade galvanized wire rope that's connected with a Gripple. Gripple Tensioning Tool required.



**CROSSARMS (GDC/OPEN LYRE/V SYSTEMS)**

14 gauge L-Style Crossarms for GDC trellis systems. Available in lengths of 6" - 48". U-bolt fasteners available. See website for other styles.



**WIREWISE**

Used to secure your wire to the end post. The embossed jaw teeth prevent the wire from being pulled out.



Size	Wire Size
5056	14-16 gauge wire (.062 - .100)
5058	12-13 gauge wire (.102 - .114)
5062	10-11 gauge wire (.120 - .135)
5064	8-9 gauge wire (.148 - .163)

**WIRELINK**

This device is used for easy splicing of wire. No tools required.



Size	Wire Size
5057	14-16 gauge wire (.062 - .100)
5059	12-13 gauge wire (.102 - .114)
5063	10-11 gauge wire (.120 - .135)
5065	8-9 gauge wire (.148 - .163)



## Grippler

### GRIPPLER

Much quicker than traditional methods of joining wire.



Inside the Grippler Wire Joiner, each wire moves in one direction only, passing over high precision gear-tooth rollers. The moment any load is applied in the opposite direction, the rollers bite, locking the wires. Use for in-line splices, loop anchoring and repairs in vineyards, orchards and farms.

GP Small: 13-17 gauge plain wire, 660 lbs working load

GP Medium: 10-14 gauge plain wire, 880 lbs working load

GP Large: 7.5-10 gauge plain wire, 1320 lbs working load

Barbed Wire: 12.5 gauge

GP #1: 11-15 gauge plain wire, 880 lbs working load. For single channel endpost installations.



### GRIPPLER TENSIONING TOOL

The Grippler Torq Tensioning Tool holds the grippler and pulls the wire through for proper tensioning. It can generate 880 lbs of load and has a gauge for specific load tensioning.



### GRIPPLER PROMO PACK

With the purchase of 250 Medium Grippler at regular price, get a free Grippler Torq Tensioning Tool.



### GRIPPLER STARTER PACK

With the purchase of 50 Medium Grippler at regular price, get 30% off the Grippler Torq Tensioning Tool.



### CRIMPING SLEEVES

Saves money when splicing wires with these inexpensive crimp sleeves that possess an abrasive inner coating which firmly grips wire. Crimping Tool required.



Size	Wire Size	Pieces per Bag
C-12	14-16 gauge	100
2-3	12-13 gauge	100
3-4	10-11 gauge	50
4-5	8-9 gauge	50

### FOUR SLOT CRIMPING SLEEVE TOOL



A sturdy four slot crimping tool that fits all 4 sleeve sizes and allows an easy and effective way of securing the sleeves to the wire.

### IN-LINE WIRE TIGHTENERS

Also referred to as wire strainers, these rugged ratchet style tighteners with springs are used in tensioning wire. Can be tightened using a 1/2" drive ratchet, 13/16" wrench or adjustable wrench.



### ON-LINE WIRE STRAINER

This on-line wire tightener is unique in that it can be installed anywhere on the wire without cutting the wire. Can also splice wire. Handle required.



### ON-LINE WIRE STRAINER HANDLE

Used to rotate the on-line wire strainer.



### WIRE TWISTING TOOL



This rod type tool makes wrapping wire simple. Up to 8 gauge wire.

### DEUER MINI MULE WIRE CLAMP

Provides a sure positive grip on smooth or barbed wire. Can be used on sheet metal as well.



### CHICAGO KLEIN GRIP

This heavy-duty grip gently locks onto the wire and as the wire is pulled, its grip increases, but does little damage to the wire coating. For use with gauges 8-20.



### CHAIN GRAB WIRE TIGHTENER

Pulls excess slack in wire for installing in-line tighteners, splicing wires or when connecting wire to end post.



### WIRE CARE CLIP

Made of UV protected Polythene and will not damage wire. Holds wire securely yet wire can be removed by hand. Easily attaches securely to wood posts with a nail (10 or 11 gauge 1/8" x 3" twisted galvanized flat head nail).

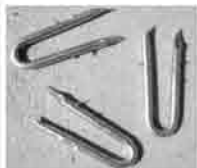


TO VIEW PRICING OR ORDER ONLINE, VISIT US AT [www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)

*Orchard Valley*  
SUPPLY INC.

**2" BARBED STAPLES**

Galvanized 2" staple with four barbs for extra holding power. Used to secure wire to the post.



**1 LEG/J STAPLES**

Galvanized 1 3/4" ringed shank staple for greater holding power. Use as a staple or as a carrier for catch wire trellis systems.



**STAPLE STARTER**

Just insert the staple into the slot and hammer in the pin. Once the staple is set, take starter off and hammer staple directly. Heavy duty and a real finger saver!



**TENSION SPRING**

Heavy-duty coated spring commonly used by traditional hand tiers. It has several purposes to include acting as a shock absorber, to indicate the amount of tension on the wire and to make the tension on the wire more self-maintaining.



**FENCE AND WIRE FLAGS**

Perfect for identifying vine varieties. Can also be used for safety purposes to prevent injury to exposed anchors or wire.



**ELECTROCOUP BATTERY PRUNER**



The Electrocoup F3005 has been developed using the latest technology available. 10+ hour battery, no battery memory, progressive trigger with on/off setting, adjustable opening width, 1 1/2" to 2" cut, etc. Extensions available. See website for important details.

**FELCOTRONIC 800 BATTERY PRUNER**

A revolutionary tool, the Felco 800 is lighter, more powerful and more ergonomic than the previous model. Charge will last a full day of work and has a maximum opening of the cutting head of 1.2 inches. See website for important details.



**FELCOMATIC PNEUMATIC PRUNER**

The durable Felcomatic makes a perfect cut every time. A powerful cut, developed by Felco double piston system, makes cutting large branches easy. Saves money, time, and greatly reduces fatigue and wear and tear on your hands and arms. Proper air tank required.



**STEEL MESH GLOVE**

The steel mesh glove is commonly used by those using battery and pneumatic type pruners. The glove is worn on the hand as protection for the fingers grasping the plant or vine being pruned.



**FELCO MODEL 600 HAND SAW**

This folding saw's patented blade design keeps the sides of the blade from touching the wood, thus making it easier to saw due to the lack of friction with the wood. 6" blade length; overall length 14".



**FELCO MODEL 610 HAND SAW**

The Felco 610 has the same patented blade design as the Felco 600, but does not fold. 13" blade length; overall length 19".



**SHARPENING STONE**

The Swissistor Sharpener has a concave composite steel blade with two precision sharpening edges.



**FELCO LEATHER SHEATHS FOR PRUNERS**

These quality leather sheaths are made for all shears. Available in a cone clip style or a flat model which either slides on the belt only or has a combination belt slots and clip.



**TO VIEW PRICING OR ORDER ONLINE, VISIT US AT [www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)**



### FELCO LUBRICANT SPRAY

The rapidly biodegradable FELCO spray uses 100% synthetic-based non-stick formula that remains stable with age and oxidation, and will never become resinous. Specially developed for cleaning and maintaining all mechanical parts of gardening and workshop tools. Does not contain butane gas.



### PARTS



We carry all replacement parts.

## Felco Pruners

The number one name in professional shears are made to last a lifetime with each part being replaceable (which we carry). Pruners come in multiple sizes and styles for the most comfortable fit.

**FELCO 2** Known as the original Felco model. Swiss precision made hardened cutting blades and an anvil blade with sap groove. Hardened bolt and nut assure exact adjustment of both the cutting and anvil blades. Rubber cushion and shock absorber provide smooth working and soft closing of this pruner.

**FELCO 4** A more basic model of the Felco 2; it is identical to the Felco 2 but without the rubber cushion, shock absorber or locking segment. Also, the blade adjustment is by the center bolt and nut only.

**FELCO 5** The most economical Felco pruner, but still with excellent cutting ability; and excellent choice for the home hobbyist. Handles are made from solid steel with simplified construction. No cushion stop, sap groove or wire-cutting notch.

**FELCO 6** The Felco 6 is especially designed for smaller hands which prefer a smaller, lighter pruner. Still powerful and sturdy, it is ideal for small pruning work such as grapevines, shrubs and young trees. Also, a good choice for florists. The anvil blade is screw-mounted. The shorter blades facilitate cutting closer to the stem of the plant.

**FELCO 7** A superbly designed pruning shear for the professional. The rotating handle revolves on its axis allowing fingers to move naturally, reducing blisters and hand fatigue. Its unique rotating action requires up to 30% less effort than conventional shears. Cutting and anvil blades are not riveted, and the narrow, pointed blade design allows for a close cut.

**FELCO 8** The Felco 8 is identical to the Felco 7 with its ergonomically designed handle, except for the rotation.

**FELCO 9** The Felco 9 is the left handed version of the Felco 8. The anvil blade and locking catch are both reversed for your comfort.

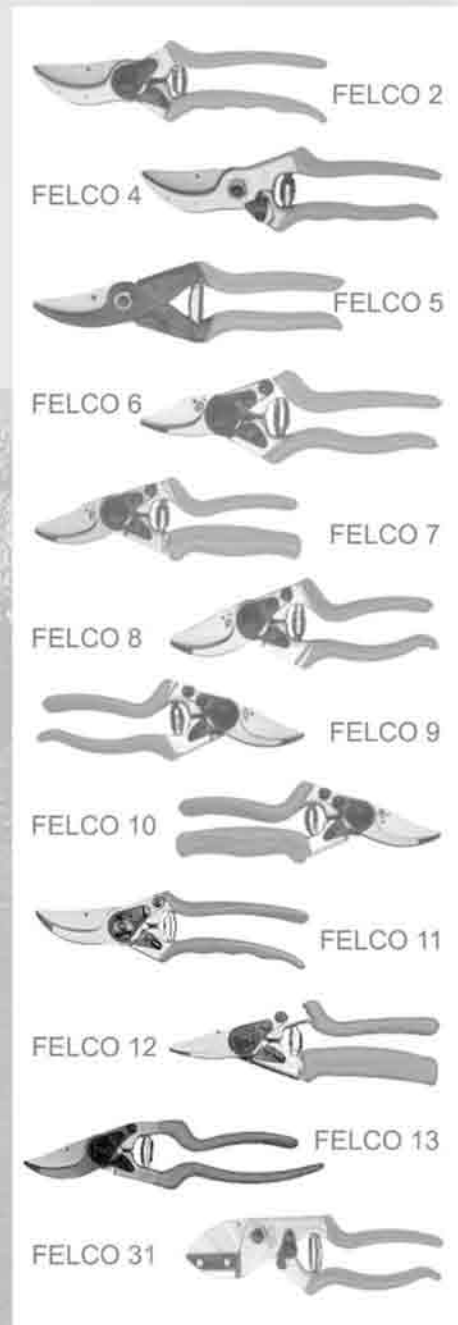
**FELCO 10** The Felco 10 is the left handed version of the Felco 7 which has a rotating handle.

**FELCO 11** The Felco 11 is suitable for every type of pruning. Ergonomic hand fitting design, offering a large cutting capacity. Narrow, pointed anvil blade allows easy access to twiggy branches and assures a close cut.

**FELCO 12** The Felco 12 is identical to the Felco 6, but also has a rotating handle to prevent blisters and hand fatigue.

**FELCO 13** The Felco 13 is a multi-purpose patented shear. The extended handle allows use as a single handed pruner or two-handed for cutting extra thick branches.

**FELCO 31** Felco's high quality design and construction in a true anvil pruner. The Felco 31 cutting blade is beveled on both sides for easy clean-cut pruning. Handles are forged from aluminum alloy and are ergonomically shaped.



**Loppers**

**FELCO 20**

Solid, forged light metal handles, comfortable cushion stops and famous Felco Adjustment system. Screw mounted anvil blade has sap groove and slide resistant blocking grooves. 17" long with a cutting capacity of 1 1/2", yet only 27 ounces. It has textured handles for sure grip and shock absorbing bumpers for extended use comfort.



**FELCO 21**

The Felco 21 is identical to the Felco 20 but with 25" handles and weighs 40 ounces. Same 1 1/2" cutting capacity.



**FELCO 22**

The "grand-daddy" of the Felco loppers, the Felco 22 again has the same design as the 20 and 21 but with 33" handles and a 2" cutting capacity for the really big jobs.



**CORONA AL6511**

Professional aluminum handle high torque lopper with 2" diameter cutting capacity and 26" overall length. Forged steel blades. Deeply curved, forged slant-ground hook with self cleaning deep sap groove. Precision made self aligning pivot bolt.



**CORONA AL8320**

Professional aluminum handle vine lopper with stratashear blade. 1" diameter cutting capacity with 19" overall length. Blade treatment accelerates cutting action – reducing force to cut up to 32%.



**AGRITIE**

This 11.5" long plastic tie will last for many years and can be combined to make a longer tie or cut in half to make it shorter. Green in color and UV protected.



**AGLOK**

A heavier duty version of the AgriTie. Black in color.



**AGRIFLEX**

Used for hand tying. This hollowed plastic tie comes in balls or skeins. It is UV protected plastic that stretches to allow for plant growth.



**BRANCHLOK**

Used for lateral training of trellis branches and cordons on 12 to 14 gauge wire. 2.5" or 3.75" long.



**CABLE TIES**



Ties come in UV protected black in 4" or 7" lengths.

**C - CLIPS**

This "C" clip is color stabilized and UV protected. Can be used as a catch wire or to secure bird netting. 1.5" long, 1" inside diameter.



**CLIP-IT SYSTEM**

The Clip-it System saves time, money and material. From catch wire clips to vine clips to drip irrigation clips, the Clip-it System is your one stop for all your clip fastening needs.



**CLIP-IT 2" AND 4" CATCH WIRE CLIP**

Used to bring catch wire pairs closer together to facilitate shoot positioning. The Clip-It Catch Wire allows for foliage growth, holds strong, and is reliable and easy to use.

**CLIP-IT VINE**

Specifically for the young vine of 1-3 years of age. Can also be used on tomato plants as well as other types of plants. Safe and durable enough to be used with mechanical harvesting. Available in clear or longer lasting black.

**RUBBER BAND TIES**

Ideal for tying canes, catch wires, training stakes, and as a drip hanger. Made of highly durable, UV stable, natural rubber which will last for years in the field. Easy to install and cost effective.



**CANE FIX 6**

Made of natural rubber, black in color. UV resistant for approximately 6 months. For use with tying grape canes, nursery trees, brambles and other plants to wires or stakes.



**CANE GIRDLING TOOL**

Cutlery type blades hold their edge on this all metal pliers type girdler. Just 4 3/4" in length with a 1" cutting blade makes this a perfect compact tool.



**TIE TAPE**

This vinyl tape can be used for hand tying or with the Tapener Gun. It stretches to allow for plant growth. Tape resists sticking, but for optimum performance tape should be stored in a cool dry area.



**TRELLISLOK**

Trellislok prevents lateral movement of vertical stems and branches. Adjustable to 3.5" in diameter and can be reused for many years.



**TWIST TIES**

Paper or plastic 7" wire covered ties.



**REBIGA TIES**

Twisted paper covered wire available in bundles of 1500 cut ties or in a 3 lb spool.



**VINE PLIERS**

Hog ring type pliers instantly secure vine to trellis wire as quick and easy as you can squeeze the handles. Lightweight wire opens as vines grow.



**TAPENER GUN**

This tying applicator is 4 times faster than hand tying. One light squeeze of the handle catches the tape.



Releasing the handle draws the tape out so you can surround what you are tying. Finally, grip the handle firmly to staple the tape together. At the same time the tape will be cut and the Gun is ready for the next tie. Tying tape, staples and blade required.

**TAPENER STAPLES**

Used specifically with the Tapener Gun.

**TAPENER BLADES**

These blades have a super hard serrated edge and come in a package of 3 blades.

**PROTHEC PLIERS AND TIES**

The Prothec System ties and cuts in one fast easy action. Over 1100' per spool of expandable, stretchable plastic covered wire tie material in four different strengths and life span.



Color	Life span	Application
Beige	6-8 months	Light tie for vines 3 year old or less
Green	8-10 months	Suitable for vines 3 years old or more
Brown	18-24 months	For mature vines
Black	36+ months	Almost permanent, great for drip tubing

**MARKING TAGS**

These aluminum tags will not rust, fade or smear! Simply write on the metal surface with any ballpoint pen or stylus. Measures 3/4" x 3 1/2" and comes pre-wired with an 8" wire fastener.



**PELLENC BATTERY POWERED TYING MACHINE**

One hand operation leaves second hand free to hold plant material being tied. Machine runs all day on one charge and is ideal for tying of fruit, vines, nursery stock, irrigation tubing or even Christmas lights.



**PELLENC TIE BAND SPOOLS**

Paper or plastic covered wire reel of tie bands for use with Pellesc Tying machine.



**HR-F BINDER**

The HR-F increases tying efficiency by 3 times. Simply wrap your tying material (Stringline, AgriFlex, Jute, etc.) around what you want to tie and staple. A hog ring type staple binds the string together. Then slide the ends of your tying material through the cutter. HR-F staples and blade required.



**HR-F STAPLES & BLADES**

Staples used specifically with the HR-F Binder.



Replacement blades for the HR-F Binder packaged 10 per box.



**STRINGLINE**

Each roll of Stringline comes in a net which can be hung on the waist. Therefore, it will not tangle during use and increases speed and convenience. This soft and pliable binding twine, commonly used with the HR-F Binder, can also be used for hand tying. Available in rolls of approximately 660'.



**TO VIEW PRICING OR ORDER ONLINE, VISIT US AT**  
[www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)



**Training Stakes**

**BAMBOO**

Natural high quality, hand selected bamboo is three times stronger than wood. Priced per bale and available in sizes ranging from 2' to 15' in a variety of diameters.



**FIBERGLASS**

A great compromise of strength, and longevity. It has steel-like strength but won't rust or rot. 20+ year life.



**METAL**

For longer lasting and sturdier support use metal pencil rods.

**PLASTIC**

Inside is a durable hollow steel core for strength, plastic coated for water-proof protection. Weather, chemical proof and rust-proof. Plastic has rings to prevent slippage.



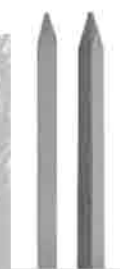
**TRAINING STAKE CLIPS**

Metal clips to use with bamboo, metal or fiberglass rods. Rubber Tab Bands are also a good solution.



**WOOD STAKES**

Naturally rot-resistant, white oak heartwood. Dimensions: 1" x 1" with a pencil point on one end. Stake lengths 24, 35, 47 and 58 inches. Great for Tubex tree shelters or any application that needs a sturdy support.



**Grow Tubes**

Grow tubes promote vine growth and vigor as well as provide protection against chemical sprays and wildlife. Take off a few weeks before the first frost.

**BLUE-X VINE SHELTERS**

This two-part grow tube has an outer plastic sleeve which encircles a transparent, blue-tinted, polyester film. This film admits up to 100% PAR (the part of light spectrum that is most used by plants) for faster growth. At the end of the season, the outer plastic sleeve can be easily cut away and discarded while the inner plastic can be stored flat and new outer sleeves purchased for reuse. Economical, long lasting and durable.



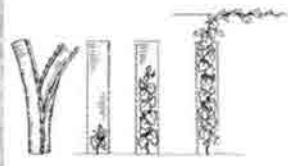
**CLIPPER TUBES**

A very durable grow tube. Its twin wall, open construction allows for easy accessibility for inspection and pruning. Also, has large pre-punched holes allowing easy installation.



**SNAP N' GROW TUBES**

The Snap n' Grow tube comes in two halves which "snap" together the full length of the tube. Uniquely ventilated to moderate temperature and moisture, while still blocking herbicides. Halves allow for compact storage.



**VINE PROTECTORS**

These vine protectors are white polycoated on two sides. They are treated to withstand water and weather conditions for 12-18 months. These tubes do not offer the same greenhouse effect as the plastic grow tubes, but will protect the vines from wildlife and herbicides economically.



**MILK CARTONS**

The most economical means of protection. 12 3/4" tall x 3 3/4" in diameter.



**CORRUGATED TREE GUARDS**

Unique 2-ply corrugated resin tree guards. White exterior reflects heat and is vented for better breathability while the black interior is UV treated for long life. 3" Diameter, slit for easy installation.



**VINE/TREE PROTECTORS**

Rigid, plastic mesh netting tubes protect plants from damage caused by feeding animals and lawn care equipment. The open mesh netting allow for the free flow of air and light. 24" long.



**TUBEX TREE SHELTERS**

These tubes protect seedlings against animal damage while significantly increasing both growth and survival rates. The tubes are polypropylene co-polymer, seamless twin-walled, solid, UV stabilized (5-7 year life span) and translucent. They have an 4" diameter.



**VINYL TREE WRAPS**

Easy to install, long-lasting, reusable and economical. Protect against rodent, rabbits and mechanical damage to trees. Tree guards should be removed and installed annually to avoid girdling.





### BIRD CONTROL NETTING

Premium grade bird netting. Three quarter (3/4") inch mesh, extruded, protected with Fine Grind Carbon plus UV Inhibitor Resin.



Additive. Available in widths of 14' and 17' with lengths from 50' to 5,000'. Woven netting also available: see online.

### NETTING SPOOLS

For use with J-Net or for storing your netting. Holds up to 1,100' of premium grade netting if machine wound (half that for hand winding). 20" long and 28" diameter.



### C-CLIPS

Pictured on page 6, can also be used to secure bird netting.

### BIRD GARD®

This unique device uses digitally recorded sounds that repel birds. Bird Gard® products broadcast actual bird distress and predator sounds. Each system features multiple sounds, which are fully selectable and programmable for custom or random time delays and bird recordings. Can optionally be powered by battery or solar panel. All systems are backed by a one year satisfaction GUARANTEE! The following configurations are available:

#### BIRD GARD® PRO

Protects up to 1 1/2 acres (0.6 hectares). Unit contains electronic controls, speaker, 110VAC adapter with 50 ft. of cable, and mounting bracket.



#### BIRD GARD® PRO PLUS

This is a more powerful unit than the Pro with two amplifiers, and comes in a NEMA-type control box with two speakers (each with 100' of cable). The unit has a 110VAC adapter with 50' of cable, and 10' battery cable with clips. Protects up to 3 acres (1.2 hectares). Has a replaceable EPROM board/chip that can easily be changed to use different sounds. (Available on this model and the Super Pro.)



### J-NET APPLICATOR & REWINDER

A simple, effective, and inexpensive device for applying and re-winding your bird nets, fishing nets, and irrigation lines. The unit features a "manual traversing rod" which allows the net to be evenly distributed on the reel. Special order item.



### DEER FENCING

A high-strength, wire fence-like mesh (1.75") material constructed of UV stable black polypropylene. 7.5' high and comes in different lengths. See website for options and accessories.



### PISTOL LAUNCHED PYROTECHNICS

Single and double shot pistol launchers can be used with two types of pyrotechnics:



Screamer Sirens and Bird Bangers. Screamer Sirens issue a 100-decibel siren like sound as they fly toward the target. Bird Bangers explode with a loud 100-decibel report down range. Both include a box of 100 blank charges required to launch Screamer Sirens and Bird Bangers.

### LP GAS CANNON

These rugged systems deliver a harmless "thunderclap" sound equivalent to a 37mm cannon (130 decibels). Operate from your 5-gallon liquid propane (LP) cylinder (not included). The following two models are available:



#### M4 Single Detonation Cannon

Produces single bangs which can be regulated from one bang every 30 seconds to one bang every 20 minutes. Utilizes a piezo ignition which produces up to 200,000 ignitions.

#### M8 Multi Bang Cannon

Produces a random series of single, double, and triple-shot clusters. Time between series may be adjusted from every 30 seconds to every 20 minutes. Like the M4, it uses the piezo ignition.

### REJEX-IT® MIGRATE

Makes treated grapes, cherries, and blueberries unpalatable to birds. It works as a sensory repellent and irritates the mouth and stomach of birds who try to ingest the treated berries.



### NITE GUARD SOLAR™

Predator Protection against nocturnal feral animals. Guaranteed to stop: raccoon, owl, fox, coyote, opossum, cougar, deer, wild boar, mink, skunk, mtn lion, beaver, blue heron, bear, hawks & intruders.



### YARDGARD ELECTRONIC PEST ANIMAL REPELLER

Repels dogs, cats, deer, raccoons, skunks, rodents and more. Continuous or motion-sensor operation. Weatherproof, AC or battery operated.



**BIRD SCARE TAPE**

This highly reflective tape aids in scaring birds away from your crop. Even a slight breeze will cause strips of this lightweight tape to flicker in the sunlight. Silver on one side, red on the other, and makes a noisy crackle. A silver iridescent/holographic tape is also available.



**SCARE EYE BALLOONS**

Visual devices that imitate the presence of predators, scaring away flocks of nuisance birds with their bright color and unusual design. Balloons are made of vinyl and are 16" in diameter and come in yellow or black. It is recommended that balloons be placed about every 120' (approx. 6 per acre) and that the colors be rotated about every 3 weeks for maximum effectiveness.



**SCARE WINDMILL**

This visual bird repeller uses UV reflective painted blades to scare birds. Found effective on birds as large as Canada geese and wild turkeys. Windmill has 36" blades and weighs 8 lbs. Repels birds in a 1 acre area. 1/2" diameter water pipe stand not included. 30-day money back guarantee.



**PROWLER OWL**

Resin plastic owl head with a strong fabric body and wings that has the natural appearance and movement of the great horned owl. Measures 44" wingspan, head to tail 28" (head diameter 7").



**BIRD REPELLERS**

This is a unique proven design which simulates the presence of a predatory bird when you hang the silhouettes from a pole. Wingspans of 14" and 26".



**DEER SOAP**

Small "hotel size" deodorant soap bars discourage deer. Simply hang soap bars with wrapper on to last longer or without the wrapper for a stronger scent (drill a small hole in the soap to hang).



**BARN OWL BOX**

Designed by a leading owl researcher, the Barn Owl Box is the first lightweight, long-lasting plastic nest box for attracting barn owls. It features a landing ledge, rain guard, 5.5" entrance hole, removable front for easy cleaning, and an acrylic window for viewing eggs and chicks. Dimensions are 26" L X 18" H X 18" W. Post model also available. See website for more information.



**Harvest Supplies (shears, ring knives, lugs, bins)**

**ECONOMY HARVEST SHEARS**

Our most popular harvest shear has long pointed needle nose blades at an affordable price. Available with straight or curved blades.



**FELCO F-310 HARVEST SHEARS**

A well designed and comfortable shear. Feels light but substantial in the hand. Has locking segment to keep the shear closed to prevent accidental cuts. Get Felco quality in an economical shear.



**RING KNIVES**

Used for cutting twine and AgriFlex as well as other tying material. Also an excellent and inexpensive harvesting tool.



**GRAPE HOOK**

High carbon steel 2" blade. Molded plastic handle with non-slip grip.



**GRAPEFORK HARVEST TOOL**

This unique tool safely and easily severs clusters from the vine. The design of the cutting head limits cut fingers and the ergonomic bend in tool and no moving parts means hands are less fatigued than with conventional shears. Handle and cutting heads sold separately.



**FRUIT HARVESTER**

10' telescoping aluminum pole (5' when not extended) with sturdy metal picking basket. Poly-coated picking prongs prevent fruit damage. Weighs less than 2.5 lbs.



**HARVEST LUGS**

The vents are long slats for better cooling with soft rolled edges to prevent fruit damage. Holes on bottom are recessed to improve drainage. Large handles for easy grabbing. Nesting (2:1). Color: white. Dimensions: 20.50" x 13.66" x 10.88".



**COLLAPSIBLE LUGS**

Same UV protected, food grade plastic. The sides collapse for very easy transportation and storage. The lugs do stack but do not nest, just fold flat. Lots of vents for great air flow. Not as sturdy as the fixed wall designs but well makes up for it with compact storage, economical shipping, and lower price point. Color: white. Dimensions: 23 3/4" x 15 3/4" x 6 3/4".



**HARVEST BINS**

Engineered from high-density polyethylene (HDPE), these containers are built to meet the most rigorous demands in food processing and agricultural applications. These all plastic, fixed wall containers are rugged and recyclable. The containers meet USDA/HACCP standards for food processing, and can be steam cleaned. Extremely temperature resistant and stackable to 10 high. No extra cost for rotators (unique 3-runner design). External dimensions: 48" x 40" x 31"; Maximum load capacity 1,500 lbs.; Volume capacity 190 gallons, 20.4 bushels, 25.4 cubic feet. Lids available.



### HARVEST SCALE

This scale has rugged construction and can be used for general or industrial weighing. 250 lb capacity with 1 lb graduations. Has a memory lock which retains readings when dial is obscured. Scale measures 13 1/2" x 2 3/4" x 11".



### PICKING BUCKETS

High quality picking baskets and buckets. Available in 3/4 or 1.3 bushel sizes. See website for details.



### BERRY BOXES

Pulp roadside containers. 1/2 pint, 1 pint, and 1 quart sizes.



## And More! (irrigation, sprayers, chemicals, testing equipment)

### DRIPLOK

Quick and economical, this long-lasting dripline holder can be installed in seconds. The built-in saddle prevents water flow restriction. Available in 1/2" and 7/8" sizes.



### CLIP-IT DRIP IRRIGATION

This device is easy to use and saves time and money. Secures drip tube or tape to the wire, adjusts easily, and holds all sizes of tubes or tape. Available in 1/2" and 5/8-3/4".



### H-CURLS

Spiral cut poly tubing used to fasten drip line to the wire.



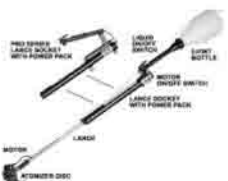
### SOLO 425 & 475 BACKPACK SPRAYERS

The 425 model is ideal for all around applications of agri-chemicals, liquid fertilizer and other solutions – oil or water based. It's piston pump design allows applications at any desired constant pressure from 0-90 psi. The 475 model is ideal for low pressure applications and where larger droplets are desired. It's diaphragm pump has a pressure range of 0-60 psi. Both models have a 4 gallon tank capacity. See website for mist blower.



### HAND HELD SPRAYER

The Herbi System is a light weight battery powered system (no pumping required).



### SOIL MOIST FINES

A polymer that when mixed with water will reduce plant watering by 50%. In addition, it maintains vigorous plants, minimizes transplant shock due to moisture loss and reduces soil compaction.



### MYCOR GRAPE & BERRY ROOT DIP

This is a preplant root dip for inoculating bareroot plants with beneficial vesicular-arbuscular mycorrhizal (VAM) fungi and rhizosphere bacteria prior to field planting. VAM plants have better survival and growth, absorb more nutrients and improved abilities to efficiently absorb more water from soil than plants without VAM.



### NUTRI-LEAF FERTILIZER

A 20-20-20 soluble fertilizer for direct spraying on foliage.



### NU FILM 17

A superior sticky extending agent designed to lengthen the life of pesticides by forming an elastic film which holds the pesticide on the crop foliage.



### FREEZEPRUF

A product that improves plant cold tolerance. This easy-to-use, biodegradable frost/freeze protector spray increases plant resistance to both cold damage and cold mortality.



### GRAPE BERRY MOTH TIES

The GBM tie prevents Grape Berry Moths from mating normally by confusing the senses of the male moth. This tie protects your fruit yet does not leave a chemical residue on your fruit. Use 200 ties per acre. For best results use on five or more acres.



### GRAPE BERRY MOTH TRAPS

Disposable trap with open design has spacers separating top and bottom for easier trapping. One trap per 10 acres. Scent lasts 4-6 weeks.



### RAIN GAUGE

Timex rainfall measure and gauge with magnified dial. Molded in transparent plastic. Bold numerals for easy viewing at a distance. Ultra violet protected ink. 12" tall. Has a spike for easy ground placement or a bracket with screws for wall placement. Calibrated in inches.



### MAX/MIN THERMOMETERS

Used for recording the highest and lowest temperatures seen by the thermometer between settings.



### PEST MANAGEMENT TOOL KIT

The Fungicide, Insecticide & Herbicide Guides in the Tool Kit display all the up-to-date information you need in a handy "at-a-glance" chart format. Kit includes: Fungicide Guide poster; Insecticide Guide poster; Herbicide Guide booklet; "Planning a Vineyard Pest Management Program" booklet.



**VICTORINOX GRAFTING KNIVES**

**19-060** -Light grafting and pruning knife, 2 1/4" blade, 4" brass lined black handle, weight 2 oz.



**19-110** -The favorite all-purpose budding knife, 2" blade. 3 1/2" brass lined black handle, 1 1/4" solid brass bark opener, weight 2 1/2 ozs.

**PARAFILM GRAFTING TAPE**

Buds and grafts succeed at a high rate with the use of this tape. A gentle stretch makes it self-adhesive. Seals the bud or graft tightly keeping it moist and secure while allowing air to permeate the wound. Tape is clear and biodegradable in sunlight. Recommended for deciduous fruit and nut trees, roses, grapevines, coniferous evergreens, ornamental trees, deciduous shade trees and bonsai trees.



**GRAFTING WAX**

Trowbridge's grafting wax is the oldest and most used in the US. Easy to use; apply with a brush, melting pot or simply with the warmth of your hands. Minimum waste and time saving.



**GRAFTING TOOL**

Uniform cuts for faster, more consistent grafts. Includes three blades: omega cut, "V" cut, and flat rectangular cut for budding. Comes with instructions.



**RUBBER STRIPS**

Made of special Goodyear compound rubber, strips are easily applied, offer better protection to help grafts knit faster. Deteriorate in 2-3 weeks. Especially recommended for fruit stock, roses, and evergreens. Size: 4" x 3/16" x .010 in 1 lb. bag (2,800 pieces).



**TO VIEW PRICING OR ORDER ONLINE, VISIT US AT**

[www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)



We carry safety clothing and equipment from such manufacturers as Tyvek, Kasco, and North.

**HALF MASK RESPIRATOR**

This half mask respirator is designed with a wide sealing flange for good fit and comfort. One piece cradle suspension keeps face piece in place. Direct cartridge to face piece seal means no gaskets to worry about.



**FULL FACE RESPIRATOR**

Features a clear coated polycarbonate lens with 200° field of vision and nose cup to reduce fogging. Great comfort and performance.



**HELMET RESPIRATORS (KASCO)**

A lightweight, filtered air system for head and respiratory protection when spraying chemicals. Outside air is pushed through the filter into the helmet. Available in the Kasco K80ST8 (battery version), and Kasco K80ST9 (plug-in version). These protective helmets are made of fiberglass, with a polycarbonate visor, a comfortable collar and an adjustable headband.



**NEOPRENE GLOVES**

Offer extra protection against cuts, abrasions, sunlight, greases, chemicals, acids and caustics.



**COVERALLS (TYVEK)**

Keeps out the finest dust particulates, and protects against dust drift better than ordinary woven fabric. Should be worn if pesticide is applied as a granule, powder or dust. Tyvek should not be considered when using chlorinated hydrocarbons.



**HOODS (TYVEK)**

One size fits all.

**DIGITAL PH METERS**

These measure the hydrogen ion concentration of a wine or juice. If the pH is below 2.9, fermentation may be difficult to start. If it rises above 3.7, spoilage becomes more likely. pH meters come in a variety of styles and price ranges but the best are those with an accuracy of .05 or better which are adequate for winemaking. Examples of what we carry are referenced below.



**MODEL 57 DIGITAL PH METER**

Range 0 to 14.0 pH, Accuracy is .05 pH LCD Display, Power 9 volt battery

**MODEL 59 DIGITAL PH METER**

Range 0 to 14.0 pH, Accuracy is .01 pH LCD Display, Power 9 volt battery

**MODEL 60 DIGITAL PH METER**

Range 0 to 14.00 pH +/- 0 - 1999 mV, Accuracy is .01 pH 1 mV, LCD Display, Power 9 volt battery, Manual Temperature Compensating

**MODEL 64 DIGITAL PH METER**

Range 0 to 14.00 pH +/- 0 - 1999 mV, Accuracy is .01 pH 1 mV, LCD Display, Power 9 volt battery, Automatic Temperature Compensating



**DIGITAL REFRACTOMETER** With its wide measurement range (Brix 0.0 to 53.0%) the PAL-1 works perfectly in measuring almost any fruit juice, food, or drink, such as soup, sauce, ketchup, tomato sauce, low-sugar jam, or marmalade. Measurement accuracy Brix +/- .2%; Automatic Temperature Compensation, Measurement time 3 seconds.

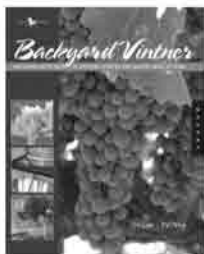


**ANALOG REFRACTOMETERS** Used for monitoring sugar solids in fruit, Brix refractometers can give accurate and quick determination of the Brix content of fruit before it is picked. Juice is placed on the prism glass and held to the light to read. Equipped with automatic temperature compensation (ATC) for accurate measurements without recalibration after shifts in ambient working temperature (field use).

Other books available: See website for further listings.

**THE BACKYARD VINTNER,  
BY JIM LAW**

A fantastic book by well known grower Jim Law. This accessible guide teaches you how to select, grow, and harvest grapes that are suited to your region, and, then, how to make authentic artisan wine from them. A comprehensive guide to starting your vineyard, planting, training, pruning, harvesting then making great wine.



**VINEYARD SIMPLE,  
BY TOM POWERS**

A straight forward outline with clear diagrams and color photos that make building and maintaining your own vineyard easy. This 118 page book features over 75 b/w illustrations and 40 full color photos. Included are chapters on choosing the location, soils, trellis system, installation tools, materials and supplies, watering, maintenance, pruning and harvesting for your vineyard.



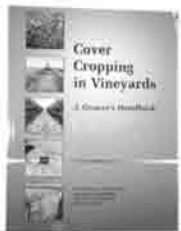
**COMPENDIUM OF  
GRAPE DISEASES,  
BY PEARSON, ET AL**

This book contains information and articles from more than 40 authors. Its range varies from a detailed description of a healthy vine to in depth discussion on numerous types of diseases, their causes and in some cases the prevention controls.



**COVER CROPPING IN  
VINEYARDS,  
BY THE UNIVERSITY  
OF CALIFORNIA**

It provides specific information on cover crops, how they affect various aspects of vineyards, and how to use them to enhance vineyard performance and ecological stability. It presents "how-to", technical, and theoretical information of the effects of cover cropping.



**FROM VINES TO WINE,  
BY JEFF FOX**

An outstanding book for the casual home grape grower, the wine connoisseur, to the aspiring wine making entrepreneur. This book will walk you through each step of the way.



**WINE GRAPE  
PRODUCTION GUIDE,  
FOR EASTERN NORTH AMERICA**

This comprehensive reference will be used by novice and experienced growers, crop advisors, service providers, educators, communicators, and students. It provides information on all aspects of wine grape culture including site selection and preparation, trellising and pruning, disease and pest identification, nutrient management, irrigation, pesticide application, harvesting, vineyard cost and returns, and grape sales. The book manuscript was written by the 16 authors and improved after review by 40 experts from 21 states and Canada.



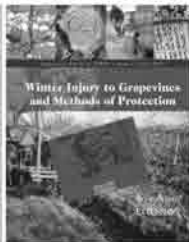
**GROWING WINE GRAPES, AWS**

The authors have over 100 years of combined, hands on experience at growing wine grapes. They explain in plain English how to consistently grow extraordinary wine grapes with the home vineyard in mind.



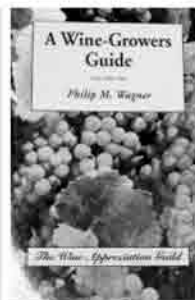
**WINTER INJURY TO  
GRAPEVINE AND OTHER  
METHODS OF PROTECTION  
BY MICHIGAN STATE UNIVERSITY**

The authors bring decades of research and knowledge about the problem of winter injury. Includes sidebars from growers who share their experience in dealing with cold injury and methods of protection.



**A WINE GROWERS GUIDE,  
BY WAGNER**

Suitable for the amateur but also of great value to the commercial grower. The author provides easy to understand essentials to establishing the vineyard, pruning and training, vineyard management, propagating the vine and vine ailments.



**SUNLIGHT INTO WINE,  
BY SMART**

Practical tips, advances in grape growing practices are found in this full colored booklet on how to improve winegrape yield and quality.



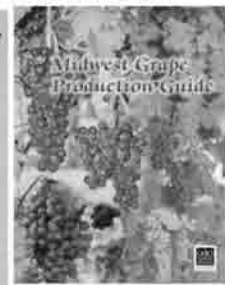
**POCKET GUIDE FOR GRAPE  
IPM SCOUTING**

A pocket reference book that provides information on the biology of common insect pests and diseases, weather-related disorders, and symptoms of pesticide damage and nutritional disorders. The focus is on grape-growing regions in the eastern half of the U.S.



**MIDWEST GRAPE  
PRODUCTION GUIDE  
BY OHIO STATE UNIVERSITY**

Designed especially for Midwest growers. It covers all facets of wine and table grape production in the colder climates of the Midwest and Northeast. Topics covered: physiology of the grapevine, vineyard establishment, soil management and fertilization, disease and pest management, harvesting, marketing, canopy management, and site and variety selection.





### **ORDERING INFORMATION**

We offer many ways to order for your convenience: by mail, by toll free phone at 888-755-0098, by fax at 704-455-4952 or via our website with secure online ordering at: [www.orchardvalleysupply.com](http://www.orchardvalleysupply.com)

We strive for prompt shipment and typically ship within 24 hours for in stock orders. Orders are shipped ground carrier, US Mail, or freight carrier unless otherwise requested. In stock orders are shipped F.O.B. Harrisburg, NC. Some items may be drop shipped directly from the manufacturer or distributor.

### **PAYMENT OPTIONS**

You can pay by credit card (MasterCard, VISA, Discover, American Express), check, Western Union, COD (\$15.00 extra), or Net 15 terms for approved account holders. Overdue invoices are subject to a 1.5% per month fee and all fees incurred in obtaining payment. Return check fee is \$35.

### **SPECIAL & LARGE ORDERS**

Shipments will be scheduled in the most convenient and economical way. Further details will be provided when your order is received. Special and large orders must be prepaid.

### **PRICES**

Prices are subject to change and are those in effect at time of shipment. See our website for pricing.

### **TAX**

NC residents must pay sales tax or furnish a farm tax exemption number.

### **REFUNDS OR EXCHANGES**

Materials returned for refund or exchange are subject to a 15% restocking fee. Materials must be in new, unused condition for resale. Some items, like power equipment, are not returnable if the box is opened. Return materials only with advanced approval. You are responsible for freight back to us. No returns after 30-days from receipt of order.

### **SHIPPING CHARGES AND DAMAGE**

As every order is custom and varies so much in weight and size, we can only quote shipping charges once we pack your order which we are happy to do.

Please inspect your order immediately upon delivery. If your order was damaged, it is your responsibility to save the box and packaging material so the shipper can make an inspection. DO NOT sign for freight carrier shipments until you check that the order is complete and undamaged. Once signed, the shipment is your responsibility. Customer is responsible for unloading.

### **CAUTION**

The materials and tools we sell may be dangerous if used or installed improperly; use extreme caution! If you are unsure of safe handling practices, seek expert advice. We are not responsible for any injuries or damages relating to the use of goods. Items in the catalog are subject to change. Please see our website for the most up-to-date information and additional products.