

ISON'S

Nursery & Vineyards

Compendium and catalog for the grower of
muscadine grapes and other fine fruits and berries

Dear Friends and Customers:

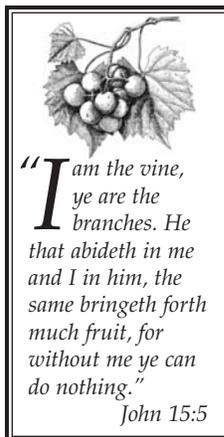
Since our grandfather planted his first vine in 1934, the Ison family has enjoyed a long relationship with the muscadine grape. What started out as a modest 3 acre vineyard has evolved into over 40 acres of vineyard and a nursery offering over 200 varieties of fruit, nut and berry plants. In the late 1960's, Dr. B.O. Fry and our father began breeding muscadines in order to improve size, taste and production. From the fruits of their labor we now have 22 patented varieties of muscadines! These varieties are considered the best for commercial vineyards, u-pick operations, and the backyard hobbyist. There is nothing more enjoyable than planting, cultivating and harvesting fruit from your own vineyard!

The trend from previous years gives you, our customers, the ability to lower some of your monthly expenses as well as the ability to profit from planting your own fruit trees and berry plants. The cost of goods in the United States is at an all time high. By investing in your own fruiting plants and trees, your family will enjoy vine ripe fruit from the spring until the fall for a period over 15 years, while lowering some of your monthly expenses. Another trend has been that small scale growers have become direct marketers to the public. We have seen small acreage growers produce multiple crops in which they sell directly to customers through road side stands or u-pick operations. Many urban families are willing to drive long distances to take their family "to the farm" for the experience, education and the best fruit money can buy. A grower with as little as half an acre of land has the opportunity to plant blackberries, blueberries, muscadines and fruit trees to generate a nice profit and supplement their income. A small grower can literally have fruit available to the public from late May through October with repeat customers coming back for each crop planted.

This year we are proud to present a wide variety of new products. For the muscadine lover we have the Big Red variety. The Big Red has exceptional taste and size, it is perfect for the backyard hobbyist. In seedless grapes we offer the Jupiter and Neptune (new releases from the University of Arkansas) that have proven results in the southeast. We also have new additions in our product list that include raspberries, blackberries, blueberries, strawberries, apples, pears,

cherries, pomegranates, chestnuts, paw paws, plumcots, guavas and olive trees. These selections are highlighted with the word "new" so be sure to add them to your wish list! Look for our line of combination fruit trees (on page 11) that are available in apples, pears, plums and Asian pears. These trees are great for our customers that have limited space but wish to plant multiple trees, the combination fruit trees allows you to harvest multiple varieties of fruit from a single tree!

Our Blue-X plant shelters continue to be very effective in increasing vine growth, bringing vines into production sooner and providing chemical protection from herbicides. The Blue-X plant shelters are extremely beneficial to both the backyard and commercial growers. The line of gripple products in our catalog makes installing and repairing your wire trellises much easier than previous methods. Muscadine grape seed capsules and grape skin powder provide high levels of antioxidants and ellagic acids in an easy to use form. We also offer delicious muscadine products such as muscadine juice, jelly, butter and syrup that will allow you to enjoy the wonderful flavor year round!



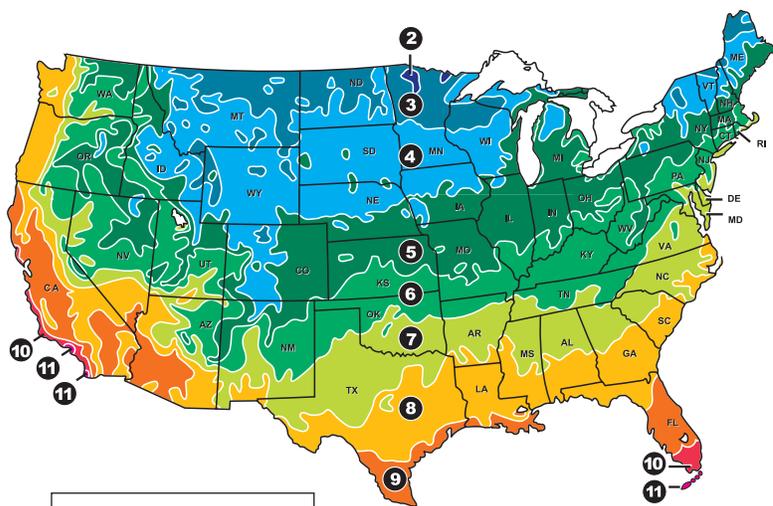
*"I am the vine,
ye are the
branches. He
that abideth in me
and I in him, the
same bringeth forth
much fruit, for
without me ye can
do nothing."
John 15:5*

We will continue to improve our website to offer you specials and the best information on growing fruits, nuts and berries. We strongly recommend irrigating your plants and trees. The results will pay off in early production, larger fruit and healthier yields. Be sure to check www.isons.com regularly for more information and for web only specials.

In closing, we would like to thank all of our customers for your business and for referring our nursery to your friends and families. Ison's Nursery and Vineyard is proud to be your source for muscadine, fruit, nut and berry plants!

Take care of yourself and your plants.
Greg, Janet, Darlene and Pam

USDA PLANT HARDINESS ZONE MAP



Zone	Avg. Annual Low
2	-40° through -50°
3	-30° through -40°
4	-20° through -30°
5	-10° through -20°
6	0° through -10°
7	10° through 0°
8	20° through 10°
9	30° through 20°
10	40° through 30°

Catalog Pricing

We try to guarantee the prices in our catalog. However, price changes may occur due to the increase of goods or products.

OFFICE AND ORDERING INFO

Contact us: (770) 599-6970 or email Ison@isons.com
6855 Newnan Road (Ga Hwy 16) P.O. Box 190 Brooks, GA 30205

Payment Options

Mail checks to: Ison's Nursery, P.O. Box 190, Brooks, GA 30205

Credit Cards - Simple, fast and convenient.

Visa, Mastercard and Discovery accepted



Ordering Options:

To order call toll free: (800) 733-0324 Fax your order to: (770) 599-1727

Shop online 24 hours a day, 7 days a week. www.isons.com

Office Hours:

August 15 – April 15 Monday-Friday 9:30 a.m. - 4:30 p.m.
Call for Saturday hours

April 15 – August 14 Monday – Friday 9:30 a.m. - 4:00 p.m.
Closed Saturday

Shipping Season: December 1 - April 30

Muscadine Fresh Fruit: September 1 - October 15

We have potted muscadine plants in one gallon containers available year round.

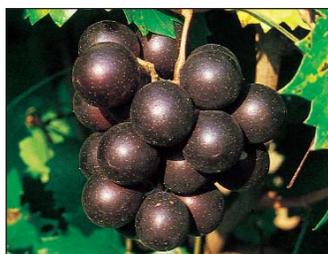
Gift Certificates! - Great gift ideas

Ison's Nursery Limited Guarantee

1. We guarantee our stock will arrive to you in a live, plantable condition or we will replace at no charge if we are notified within 7 days of receipt. If the packaging has been damaged, it is important for you to contact both us and UPS. We give no warranty, express or implied as to description, life or productiveness of any stock.
2. We guarantee our stock to be true to name. If any stock proves otherwise, we will not be liable for any amount greater than the original purchase price.
3. Since the growth of the nursery stock is determined to a large extent by the care it receives from the planter and grower, due to conditions beyond the seller's control, including, but not limited to soil and weather conditions, we cannot and do not warrant and guarantee growth. We will replace at 1/2 the purchase price any plants that do not leaf out the first year plus shipping costs. We must be notified in writing by July 1st following planting and provided that the plants were not injured by the improper use of chemicals, fertilizers, fumigation or buyer's negligence or weather. They also must have been planted in the recommended Zones.
4. Any orders shipped or picked up at our Nursery prior to December 1st and after March 31st will have all guarantees voided. The plants will be shipped at your own risk. Patent Plants: All muscadine plants that are patented and copyrighted cannot be propagated for any reason, for self use, for resale or others or for breeding work without direct written consent from Ison's Nursery & Vineyards. Anyone found in violation will be prosecuted.

MUSCADINE CHART

VARIETIES	Patented or Standard	Size In Inches	Sugar Content	Disease Resistance	Cold Hardiness	Vigor	Harvest Season	Berry Stem Dry Scar %	Flower Sex	Color	Yield	Uses
Big Red ©	Pat # TBA	1 1/4	20%	G	G	G	M	90%	Female	Red	M-H	F-J
Black Beauty ©	Pat #7592	1 1/4	23%	E	G	VH	M	78%	Female	Black	M	FWJ
Black Fry ©	Pat #5824	1 1/4	19%	E	G	H	M-L	64%	Female	Black	H	FJ
Carlos	Std.	1/2	16%	F-G	E	M-H	M	82%	Self-Fert.	Bronze	M-H	W
Cowart	Std.	1	17%	G	E	M-H	M	16%	Self-Fert.	Black	M	FJ
Darlene ©	Pat #7314	1 1/2	22%	G	G	VH	E-M	90%	Female	Bronze	M-H	FJ
Dixie Red ©	Pat #4770	1	17%	F-G	G	M-H	E-M	21%	Self-Fert.	Red	M	FJW
Early Fry ©	Pat #9225	1 1/4	18%	G	G	H	VE	66%	Female	Bronze	VH	FJ
Fry	Std.	1 1/4	21%	F	F-G	L-M	E-M-L	52%	Female	Bronze	M-H	F
Fry Seedless ©	Pat #7296	1/2	18%	E	G	H	E-M	20%	Self-Fert.	Red	L-M	F
Granny Val ©	Pat #5823	1 1/4	18%	G	G	H	L	94%	Self-Fert.	Bronze	VH	F
Higgins	Std.	1 1/8	16%	F-G	F-G	M-H	L	20%	Female	Red	M-H	FW
Hunt	Std.	1	17%	F-G	G	M-H	E-M	20%	Female	Black	M-H	FJW
Ison ©	Pat #5822	1 1/8	19%	E	G	H	E	92%	Self-Fert.	Black	VH	FWJ
Janebell ©	Pat #7268	1	16%	F-G	G	M	M	44%	Self-Fert.	Bronze	H	F
Janet ©	Pat	1 1/8	21%	G	E	VH	M	35%	Female	Bronze	M-H	F
Jumbo	Std.	1 1/2	15%	G	G	M-H	E-M	74%	Female	Black	M	JF
Late Fry ©	Pat #9224	1 1/2	20%	E	E	H	VL	95%	Self-Fert.	Bronze	H	F
Magnolia	Std.	1/2	15%	F-G	G	M-H	M	15%	Self-Fert.	Bronze	M-H	WJ
Nesbit	Std.	1 1/8	18%	G	G	M-H	M-L	41%	Self-Fert.	Black	H	FJ
Noble	Std.	1/2	16%	G	G	M-H	E-M	15%	Self-Fert.	Black	M-H	WJ
Pam ©	Pat #7707	1 1/2	21%	E	G	M-H	E-M	87%	Female	Bronze	VH	FJ
Pineapple ©	Pat #7268	1	16%	E	G	M	M-L	47%	Self-Fert.	Bronze	VH	FJ
Scarlet	Std.	1 1/8	17%	G	G	M	M	72%	Female	Red	M	FJ
Scuppernong	Std.	1	17%	F-G	E	M	M	38%	Female	Bronze	L-M	FJW
Southland	Std.	1/2	17%	G	F-G	M	M	51%	Self-Fert.	Black	M	FJ
Sugargate ©	Pat #4056	1 1/4	23%	E	G	VH	E	60%	Female	Black	M	FJ
Summit	Std.	1	20%	F	G	H	E-M	82%	Female	Red	M-H	F
Supreme ©	Pat #7267	1 1/2	22%	E	G	M	M	94%	Female	Black	VH	FJ
Sweet Jenny ©	Pat #5831	1 1/2	23%	G	G	VH	E-M	80%	Female	Bronze	M-H	F
Tara	Std.	1	17%	G	F-G	M	E-M	91%	Self-Fert.	Bronze	M	FJW
Triumph	Std.	1	18%	F-G	P-G	M	E-M	90%	Self-Fert.	Bronze	M	F



ISON



PAM



EARLY FRY



SUPREME

E=Excellent G=Good F=Fair P=Poor	VH=Very High H=High M=Medium L=Light VL=Very Light	VE=Very Early E=Early M=Mid Season L=Late VL=Very Late	VH=Very High H=High M=Medium L=Low VL=Very Low	F=Fresh Fruit & Market J=Jelly & Juice W=Wine
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ISON'S FAVORITES

For Wine

Ison - Noble - Tara - Dixie Red - Carlos

For Jam, Jelly or Preserves

Ison - Sugargate - Black Fry - Tara

GRAPES

MUSCADINE VARIETIES

Plant in well-drained, fertile, soil. Requires full sun. PH level 6.0-6.5. Plant 20' apart in 10' rows for commercial use and 15' apart 10' rows for home use. Put on trellis constructed of 6-1/2' post set 2' in ground. Use no. 9 galvanized wire. Never use manure of any kind around young plants. Sawdust, cottonseed mote or peat moss may either slow down growth, damage or kill the plants. Never put commercial fertilizer in hole around roots. Wait until April 1 before fertilizing. First two years of growth clean cultivation is necessary so that the growth will be vigorous. Fruit yield: Female 60 lbs. per vine. Self-fertile 80 lbs. per vine. Bears in 2-3 years. (Note: Additional instructions will come with order.) Zones 7-10.

Muscadines 2 year bareroot	
Qty	Price
1-15	\$7.95 ea.
16-29	7.75
30-50	7.50
51-up	7.00

Black Beauty © - *Black Female*. 23% sugar. Dry scar, large fruit, skin edible, ripens uniformly, large clusters, very vigorous, one of the best black varieties. Ripens mid to late season. Patent #7592

Sugargate © - *Black Female*. 23% sugar, vine very vigorous, very large and excellent flavor. Dry scar, large clusters. Earliest ripening of the black females. Not recommended for Gulf Coast area. Patent #5831

Black Fry © - *Black Female*. 19% sugar, very productive, good quality, ripens uniformly, large clusters, disease resistant. Comparable with Fry. Ripens early to mid season. Patent #5824

Scarlet - *Red, Female*. 17% sugar. New release from Dr. Ron Lane of University of Ga. Experiment Station. Good size and quality. Patented.

NEW
"2 Year Potted" Muscadines are available to be shipped in 1 gallon pots for the first time. This gives the grower the convenience of planting when you're ready and eliminates the guess work of the planting depth. Potted muscadines must be ordered in increments of 6 plants.
The price per plant is \$9.95
The shipping cost per package is \$20.00 for a total package price of \$79.70

NEW
Big Red © - *Red, Female*. 20% sugar. Extra large - 1 1/4", very sweet, high fruit quality. Mid-season. One of our all time favorite muscadines. Great for fresh fruit. (Limited supplies).....\$8.95 each

NEW
"2 Year Plus" Muscadines are available (bare-root only) in the following varieties: Ison, Pam, Darlene, Supreme, Black Beauty and Late Fry. These are plants that have had exceptional growth. The average length is 4 to 5 feet.
\$10.95 each

SELF-FERTILE PREMIUM PATENT VARIETIES

Ison © - *Black Self-fertile*. 19% sugar, very productive, ripens uniformly, large clusters, dry scar, early to mid season. Best black pollinator. Patent #5822

Dixie Red © - *Red Self-fertile*. Vine vigorous. Quality very good. Large clusters. High yields. Ripens mid-season. Great for juice, wine and fresh fruit. 17% sugar. Patent #4770

Granny Val © - *Bronze Self-fertile*. 18% sugar, high yield, excellent quality. Ripens mid to late season. Very heavy producer. Heaviest producing variety of muscadine. Patent #7296

Late Fry © - *Bronze Self-fertile*. 20% sugar. You asked for a late variety, we now have it. Very large clusters, good quality, ripens late. Very vigorous and very high yields. Patent #9224

Janebell © - *Bronze Self-fertile*. Large size clusters, good quality, very productive, dry scar, disease resistant, mid-late. 16% sugar. Patent #7268

Pineapple © - *Bronze, Self-fertile*. 16% sugar, large fruit and clusters, most productive and vigorous, good quality, disease resistant. Taste similar to pineapples. Mid-late season. Patent #7266

Fry Seedless © - *Self-fertile*, yet needs to be planted by another self-fertile variety. Fruit is red in color, medium size, 18% sugar, yields erratic. Vine is vigorous. Patent #7296

Important: All Self-fertile Muscadine varieties are pollinators. Female varieties need a pollinator within 50 feet from vine with ratio of one pollinator to every three females. We advise planting more than one pollinator in case one does not survive.

FEMALE PREMIUM PATENT VARIETIES

Darlene © - *Bronze Female*. The best of the bronze muscadines. Consistently large size through out vines, not erratic. 22% sugar, dry scar, melting pulp, excellent quality. Patent #7314

Pam © - *Bronze Female*. 21% sugar. Pam has the largest clusters of grapes in production. It is the heaviest producing female of all varieties. Dry scar. Ripens early to mid-season. Very vigorous. Skin edible. Disease resistant. Patent #7707

Janet © - *Bronze Female*. 21% sugar, very large, excellent quality, large clusters, very productive, cold hardy. Latest ripening bronze female. Patent Pending

Early Fry © - *Bronze Female*. This is the variety everyone has been waiting for. You asked for an early one and this is it. Ripens two weeks earlier than Fry. Very large, very high yields. Ripens uniformly in clusters, easy to pick. 18% sugar. Patent #9225

Sweet Jenny © - 23% sugar, very large sweet clusters, vigorous growth. Disease resistant, early-mid season. Patent #5831

Supreme © - *Black Female*. Best of the black muscadines. It is the largest muscadine developed at this time. Very heavy producer. 22% sugar. Ripens mid-late season, very vigorous, skin edible, large clusters disease resistant, dry scar. Patent #7267



DARLENE



JANET



LATE FRY



BIG RED



COWART

STANDARD FEMALE VARIETIES

Fry - *Bronze Female*. 21% sugar, very large fruit and clusters. Excellent quality even before fully ripe. Ripens over entire season. A proven favorite.

Higgins - *Bronze Female*. 16% sugar, vine vigorous, skin thick and edible, color pink to reddish bronze, production high. Ripens mid to late season.

Scuppernong - *Bronze Female*. 17% sugar, excellent flavor, clusters small, a variety all people know, production good. Ripens mid season.

Summit - *Red Female*. 20% sugar, excellent quality with great production. Medium to large fruit size. Ripens mid season.

Jumbo - *Black Female*. 15% sugar. Vigorous and very sweet when ripe. Large fruit size. Ripens mid season.

Hunt - *Black Female*. 17% sugar, medium size, large clusters, good quality. Excellent for jams, jelly, cold pressed juice and wine. Ripens early.

STANDARD SELF-FERTILE VARIETIES

Carlos - *Bronze SF*. 16% sugar. Medium size, good quality ripens early-mid season. Clean scar, very productive. Excellent for wine.

Tara - *Bronze SF*. 17% sugar, good size, very vigorous, high yields, dry scar and cold hardy. Ripens early to mid season. Excellent bronze pollinator. Great for wine.

Triumph - *Bronze SF*. 18% sugar, dry scar, medium production. Ripens early to mid season.

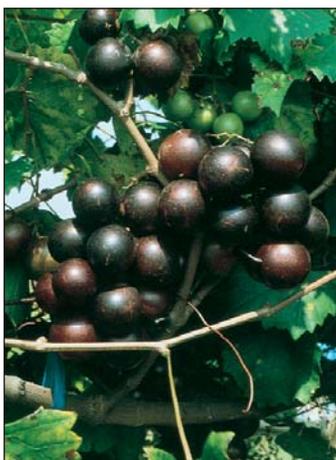
Cowart - *Black SF*. 17% sugar, excellent flavor, large clusters, medium size, very productive. Ripens early season.

Magnolia - *Bronze SF*. 15% sugar. Medium size, good quality, excellent for wine making, very productive. Ripens mid season.

Nesbit - *Black SF*. 18% sugar, large clusters, very productive, disease resistant, dry scar, ripens over long period. Mid to late season.

Noble - *Black SF*. 16% sugar. Medium size, quality very good, large clusters, recommended for red wine. Ripens early-mid season.

Southland - *Black SF*. 17% sugar, medium-large fruit with excellent flavor. Vigorous, disease resistant. Ripens mid-season.



SUGARGATE



SWEET JENNY

MUSCADINE STARTER PACKAGE "OLD TIME FAVORITES" SPECIAL

We have created a muscadine starter package that takes the guess work out of what to order and makes it easy to start your own vineyard. This package offers 2 Bronze, 2 Black and 2 Red Muscadines that will allow you to enjoy fruit for approx. 5 weeks. It also ensures the correct pollination.

Order today by asking for the Old Time Favorites Special

** Now Only \$50.00 **
Regular Price \$61.00

It includes everything you need.

- * 2 Fry (Female/ Bronze)
- * 2 Cowart (Self-Fertile, Black)
- * 2 Summit (Female, Red)
- * 6 Blue X® Plant Shelters (30 inch)
- * 1 "All About Muscadines" Book by Bill Ison

Also recommended: 9 gauge wire to complete this starter package

Recommended Products for Muscadines and Bunch Grapes

BlueX Plant Shelters - Significantly increases plant health and growth.

Calcium Nitrate - Increases plant growth.

Captan 50W Fungicide - Controls common diseases.

Malathion Insect Spray - Provides excellent control of insects.

Liquid Fence - Helps keep deer out of your vineyard.

Grapevine Agtyes - Great for tying and training vines.

Oat Aluma Boss Labels - All Weather - double face tags, will not fade.

All About Muscadines, by Bill Ison - An excellent book on muscadines.

9 Gauge Wire for Muscadines/Grape Trellis - Heavy duty wire for support of fruit/vines.

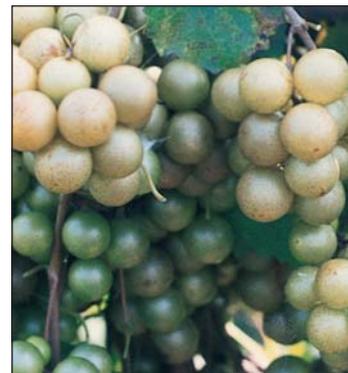
Pruning Shears - Full size shears great for keeping grapevines pruned.

Nutri Steamer Fruit Juicer - Great and easy way to extract juice from your grapes for wine, juice, jelly, etc.

(All of the products above are available on pages 12-13)



BLACK BEAUTY



GRANNY VAL

Muscadine Fertilization Program using 10-10-10

Apply in circle out from plant about 12 inches

- 1st year: 1/4 lb. 10-10-10 on April 1, May 1, June 1, and July 1.
1/4 lb. Calcium Nitrate on the 15th of same months.
- 2nd year: Double the amount and administer the same time as 1st year. Same applies for Calcium Nitrate.
- 3rd year: Apply 3 lbs. 10-10-10 on May 1st.
- 4th year: Apply 3 lbs. 10-10-10 in mid March depending on type of soil and amount of plant growth.

BUNCH GRAPES

Requires full sun. Plant vines 8-10' apart on trellis. Plant vines 4-8" deep. After the plant begins to grow, select the strongest runner and prune off all remaining branches. Fertilize the same as Muscadines. Bears in 2-3 years. Fruit yield: 15 lbs per vine.

Bunch Grapes

Qty	Price
1-15	\$6.95 ea.
16-29	6.50
30-up	6.25



CONCORD

Concord - Bluish-Black Seeded. Best known and most widely grown. A beautiful grape with large bunches. Excellent for jelly, jams, preserves and fresh juice. Ripens late September. Zones 4-9.

Concord Seedless - Black Seedless. Similar to Concord yet seedless and sweeter. Great for fresh eating, juice, pies and jellies. Ripens 7 days earlier than Concord. Zones 5-8.



HIMROD

Himrod - White Seedless. Hardest and best quality of white grapes. Flavor is excellent with sweet, juicy grapes. Berries are large with long, loose clusters. Crisp fruit. Ripens 28 days earlier than Concord. Zones 5-8.

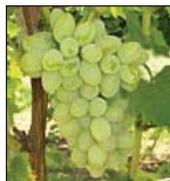
Jupiter - Blue Seedless. Large berries on medium to large clusters. Hardy and medium vigor. Resistant to fruit cracking. Distinct Muscat flavor. Ripens 30 days earlier than Concord. Zones 5-8.



JUPITER

Mars - Blue Seedless. Medium to large, sweet and juicy fruit. Very cold hardy. Performs well in humid areas. Good for jam, jelly, wine and juice. Ripens 25 days before Concord. Zones 5-8.

Neptune - Yellow-green seedless. Large clusters with medium size berries. Non-slip skin. Moderate resistance to fungal diseases but does require sprays for successful production. Ripens 14 days earlier than Concord. Zones 5-8.



NEPTUNE

Zones 7-10.

Niagara - Light Green Seeded. A natural mutation of the famous Concord grape. The white version of a Concord. Huge thick skinned. Excellent for jelly, jams, preserves and fresh juice. Ripens 5 days after Concord. Zones 5-9.

Red Flame - Red Seedless. Popular for its crisp flavor. Elongated loose, medium sized clusters. Prefers plenty of heat during ripening period. Ripens days earlier than Concord.

Reliance - Pink Seedless. Medium-large clusters with medium-small berries. Very hardy and medium vigor. Flavor is very sweet and highly rated. Adapted for the North and South. Ripens 30 days earlier than Concord. Zones 4-9.

Thompson Seedless - Green Seedless. Top commercial green grape. Fruit is very sweet and an excellent table grape. Clusters are large and well-filled. Will grow in hot climate. Good for all uses. Ripens one week earlier than Concord. Zones 5-8.

Vanessa - Black Seedless. A wonderful grape with large sweet fruit. Develops in large clusters. Very disease resistant. Resists cracking. Winter hardy. Ripens 28 days earlier than Concord. Zones 5-8.

WINE VARIETIES

Chardonel - White Seeded. Late ripening wine grape that produces a high quality wine with varietal character. Superior to "Chardonnay". Highly productive and cold hardy. Zones 5-8.



CHARDONEL

Chambourcin - Blue Seeded. Late ripening fruit which produces a highly rated red wine when fruit fully matures. Requires long growing season. Produces large loose bunches and sets medium size berries. Vine is very productive and cluster thinning is required. Zones 4-7.

Cynthiana - Blue/Black Seeded. Medium to small clusters. Late ripening. Makes most expensive red wine of the hardy varieties. Good fruit intensity and quality. Zones 4-7.

BERRIES

BLACKBERRIES

Upright Blackberries and Raspberries should be planted 3-5' apart in full sun. Ph level around 6.0-6.5 is best. The crown (origin of the root mass) should be planted no more than 1/2" below ground level. Water thoroughly, mulch and fertilize with 10-10-10. Trailing varieties need spacing of 8-10 feet between plants and trellised. More instructions with order. Bears in 2-3 years. Fruit yield: 2-4 qts. per vine. Ripens June-July.

Blackberries

Qty	Price
1-15	\$3.75 ea.
16-50	3.50
51-99	3.25
100-up	2.50

UPRIGHT (ERECT) VARIETES

Apache - Largest thornless, upright berry available. Sweet, cone shaped berry. Late season. Excellent quality, cold hardy and high yielding. Patent #11865. Zones 6-9.



APACHE

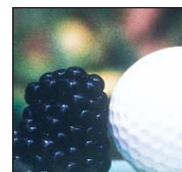
Arapaho - Thornless, cold hardy, disease resistant, well rooted. Excellent quality. Ripens 11 days prior to Navaho. Patent # 8510. Zones 4-9.



ARAPAHO

Chickasaw - Huge thorny fruit. Size similar to Kiowa. Fruit is large, long and cylindrical in shape. Very firm with black glossy finish. Very sweet. The most drought and heat tolerant of all the blackberries. Will grow in any soil except wet. Zones 5-10.

Choctaw - The earliest ripening blackberry. The first berries are ready for picking shortly after strawberries finish. This variety has smaller seeds than most other blackberries, and is medium size with mild flavor.



NAVAHO

Kiowa - Extremely large thorny berry. The best quality and best firmness of all varieties. Long harvest season of 6 weeks. Heavy producer. Patent # 9861. Zones 5-9.

Natchez - Newest release from Univ of Ark. Very large berry that produces huge crop. Upright and thornless. Ripens before Apache and Ouachita. Available in limited supply December, 2008.

Navaho - Thornless, late ripening (mid-June). Has quality equal to Cheyenne and Shawnee. Best overall variety. Stands temperatures down to (-9) degrees F. Highly recommended. Patent # 6679. Zones 6-10.

Ouachita - Newest variety from the Univ of Ark. Upright, thornless. Very high fruit yield. Large fruit size. Ripens between Arapaho and Navaho. Patent pending. Zones 5-9.

Shawnee - Thorny high quality and very productive. Has consistently high fruit yields and large fruit size. Ripens late and over a longer period of time than most. Fruit is shiny, firm and large. Disease resistant. Patent #5686. Zones 5-9.

TRAILING VARIETES

Chester - The most hardy thornless Blackberry. Bares large, firm, sweet fruit in July. Very resistant to cane blight. Training canes grow to 10' long. Bears premium-quality fruits that never leak, lose flavor or soften. Good flavor even when firm.



CHESTER

Triple Crown - Thornless semi erect plant, bears very heavy, large fruit with excellent flavor. Very winter hardy. Zones 5-9.



TRIPLE CROWN

RASPBERRIES



ANNE

NEW Anne - Golden yellow fall bearing variety. Pairs wonderfully with Heritage. Its excellent size, appearance, and sweet flavor make it a great choice for a fall bearing golden raspberry. Zones 3-8.



HERITAGE

Cumberland Black - Black trailing berry with excellent, sweet, rich delicious flavor. Very large, round, juicy berries that are never seedy. Bears all through the late season. Zones 4-9.

Dorma Red - A trailing heavy producer of excellent quality. Has large red berries. Early season. Zones 5-9.

Heritage - Upright and the best ever-bearing red raspberry on the market. Berries are large, firm and extremely attractive. Disease resistant. Produces vigorous canes. Late season. Zones 4-9.



CUMBERLAND BLACK

NEW Autumn Bliss - Large everbearing red raspberry. Size, firmness, flavor and yield are equal to Heritage. Ripens two weeks ahead of Heritage. Very disease resistant. Zones 3-9.

Nova - A virtually thornless raspberry that produces bright red berries. Harvest begins early in the season. A very nice flavor, slightly tart. Produces tasty raspberries perfect for jams, preserves or eating right from the plant. Will bear fruit in the second year of growth. Zones 4-8.

Raspberries

Qty	Price
1-15	\$3.75 ea.
16-50	3.50
51-99	3.25
100-up	2.50

BLUEBERRIES - RABBIT EYE

Full sun in well drained soil with a pH of 4.5-5.2 does best. Plant 3-5' apart. Does best with at least two or three varieties for cross pollination. Begin fertilizing in April with Azalea food. Blueberries are rich in antioxidants. Ripens June-July. Bears in 2 years. Fruit yield: 3-8 qts. per vine. 360-500 Chill hours.

Blueberries 2 year

Qty	Price
1-15	\$6.95 ea.
16-29	6.50
30-50	6.25
51-up	6.00



ALAPAHA

NEW Alapaha - New release from University of GA. (US Patent 16,266) Part of the Georgia River Series. Early season, medium size, excellent firmness, flavor and yields. Plants are vigorous, upright with narrow crowns. Alapaha has the advantage of blooming late and ripening early, giving it important protection against late frosts. Ripens 10 days before climax. May to mid June. Zones 6-9.

Brightwell - Early season, right after Climax and ahead of Tiftblue. Average fruit size. Very firm. Plants grow upright and open. Berries are light blue with excellent quality and flavor. Yields are high. Pollinate with Tiftblue or Climax. Zones 6-9.

Climax - Earliest ripening and our favorite here at Ison's. Grows upright and open. Vigorous growing bush with long ripening season. Get 6-10' at maturity. Berries are medium to large. Dark blue in color with a good flavor. Ripens 5 days prior to Brightwell. Zones 6-9.

Tiftblue - Mid to late season. Has been the most popular and widespread planted variety because of its appearance, productivity, and shipping qualities. Berries are large, firm, light blue and very high flavored. Reaches height of 8-14' at maturity. Zones 6-9.

Powderblue - Mid season ripening, highly productive with medium to large size, sweet fruit, darker blue in color. Excellent quality. Zones 6-9.

Premier - Early to mid season. Large berries, high quality. Keeps well. Good for u-pick and fresh market. Bright green foliage makes it good for ornamental. Highly productive. Zones 6-9.

STRAWBERRIES

Well drained fertile soil in full sun. Broadcast 5 lbs. of 10-10-10 over a 8x30 area. Rake till smooth and let water settle bed. A week or two later, lay off two rows four feet apart, two feet from edge of bed. Set plants two feet apart in rows with crown just above soil line. Pinch off blooms first year.

Strawberries

Qty	Price
25	\$8.75
50	16.50
100	28.00
500	90.00

NEW Allstar - Produces sweet, extra juicy berries and is very hardy. Bears in late mid, season and produces berries that are actually as large as plums! Frost resistant. Excellent for freezing. June bearing. Superior resistance to most diseases. Zones 3-9



ALLSTAR

Cardinal - Mid season and developed especially for the south. Huge fruit, very sweet and of good shape. Heavy disease resistance. Zones 5-8.

Chandler - Large mid season. Similar to Cardinal, but with longer fruiting season. Does well in warmer climates. Excellent for commercial growers. Zones 4-8.



CHANDLER

Ozark Beauty - Bears throughout the summer until frost. Juicy red berries are good for fresh eating as well as freezing. Large bright red and sweet. Hardy and vigorous. Zones 4-8.

OTHER BERRIES

Boysenberry - This is an improved Loganberry and its much juicier, larger, lobed fruit than the blackberry. Method of growing is similar to blackberry except the new canes tend to run along the ground and must be tied up after the fruiting canes are finished. Thornless and very large, ripens over a long period of time. Zones 5-9. Fruit yield: 4-8 qts per vine.



BOYSENBERRY

Dewberry - Much like the blackberry except the canes are more procumbent and are easier to work on fence. Plants tend to run on ground. Pruning and training are the same as blackberries. Fruit yields: 2-4 qts. Per vine. Zones 5-10.

Gooseberries - Light green berries turn pink when ripe. The fruit is juicy, somewhat tart if not fully ripe and is best used for preserves and pies. The bush has an ornamental value with its glossy green leaves that turn purple in the fall. Bush grows 4-6' tall and can be used as a hedge. Ripens late May to early July. Zone 3-8.

Other Berries

Qty	Price
1-15	\$3.75 ea.
16-50	3.50
51-99	3.25
100-up	2.50



CLIMAX



POWDERBLUE



GOOSEBERRY

Recommended Products For Berries

Captan 50W Fungicide - Controls common diseases.

Malathion Insect Spray - Provides excellent control of Insects.

Liquid Fence - Helps keep deer out of your berries.

Garden Netting - Helps keep birds off your small fruit.

Backyard Berry Book by Stella Otto - Complete guide to growing berries and brambles. We also carry a wide variety of books that will provide helpful information for taking care of your backyard berries.

(All of the products above are available on pages 12-13)

TREES

APPLE TREES

Rich, fertile, loamy soil with good drainage. Ph best 6.0-6.5 but can grow in 5.5-8.5. Can be grown in sandy or clay soil as long as there is good drainage. Full sun. Apples need cross-pollinating with another variety to ensure good crop set. Pollinators marked below. Can also pollinate with crabapples. Plant standard 25-30' apart. Semi-dwf 16-18' apart. Fertilize with 10-10-10. Bears in 3-4 years. Fruit yield: 10-30 bushels depending on age and size.

Apples, Nectarines, Peaches, Pears, Plums

Qty	Price
1-10	\$16.95 ea.
11-20	15.95
21-up	15.50



ANNA

Anna – Made for deep south. Large. Light greenish-yellow skin with slight red blush. Sweet, slightly tart, crisp, creamy white flesh. Good choice for pies, applesauce and eating fresh from the tree. Stores well. An extremely young bearer. Pollinate with Dorsett. Ripens late June. 100-300 chill hours. Zones 5-9.



ARKANSAS BLACK

Arkansas Black – Pollinator. Medium. Dark red skin, almost black in color. Flesh firm, white, juicy and crisp. Flavor is balanced, pleasant and sweet. Excellent for juice. Resistant to cedar apple rust. Hardy and vigorous. A heavy bearer. Ripens October to November. 800-900 chill hours. Zones 5-8.



FUJI

Dorsett – Pollinator. Medium to Large. Yellow skin with orange-red blush. Firm, smooth, crisp flesh with sweet-tart flavor. Does well in mild winter areas. Good for fresh eating and cooking. Excellent for deep south. Ripens mid June to early July. 100-200 chill hours. Zones 5-9.



GALA

Ein Shemer – Large. Golden delicious type, with crisp, tart, good quality flesh. A very low chilling selection from Israel. Bears young and very productive. Self-fertile. Ripens mid-June to Early July. 350 chill hours. Zones 5-9.



EIN SHEMER

Fuji – Pollinator. Medium to Large. Has become a favorite eating apple across the country. Reddish-green color. Firm, crunchy, juicy, white flesh with excellent flavor. An apple with good keeping quality. Ripens early to mid-September. 350-400 hours. Zones 5-9.



GRANNY SMITH

Gala – Pollinator. Medium. Golden yellow skin with reddish orange blush. Flesh is firm, crisp, sweet and juicy with excellent flavor. Stores well. Ripens late August to early September. 500 chill hours. Zones 5-7.

Granny Smith – Pollinator. Large. Skin bright green which is retained long after harvest. Flesh is firm, sweet/tart. Good for eating, cooking and baking. Very heavy production in mild winter areas. Ripens mid-August to mid-October. 500 chill hours. Zones 5-8.

Horse Apple – Pollinator. Medium. The original old-timey apple that everybody still loves. Good for cooking and baking. An excellent late apple to wrap and keep for winter. Very tart until fully ripe. Ripens late July. 600 chill hours. Zones 5-8.

Jonagold – Extra large, light scarlet red skin. Flesh is crisp with an outstanding flavor. First to sell-out at roadside fruit stands but often too large for commercial packaging for markets. Frequent taste test winner. Needs pollinator. Use Fuji, Gala, Granny Smith or Red Delicious. Ripens late September. 700-800 chill hours. Zones 5-8.

Mutsu – Large to very large. Round, green skin with orange blush. Flesh is white, coarse, firm, crisp, juicy and slightly acidic. A consistent taste test winner. Large tree. Needs pollinator. Use Fuji, Red Del, Gala or Granny Smith. Ripens late October. 500 chill hours. Zones 5-9.



MUTSU

Red Delicious – Pollinator. Large. Red waxy skin, pure white flesh. Distinctive flavor, firm, crisp and juicy. Good for fresh eating. Ripens September to October. 900 chill hours. Zones 5-8.



JONAGOLD

Stayman Winesap – Medium. Bright to deep red speckled skin. Yellow, firm, crisp flesh, tangy flavor. Good for dessert, canning or juice. A great lunch apple. Early bearer. Keeps well. Pollinate with Fuji, Red Del, Yellow Del, or Gala. Ripens September into October. 800 chill hours. Zones 5-8.



STAYMAN WINESAP

NEW Winter Banana – Strikingly beautiful large apple. Crisp and tangy juicy fruit. Distinctive, aromatic flavor similar to bananas. Favorite for cider. Excellent pollinator. Requires 100-400 chill hours. Zones 4-9.



WINTER BANANA

Yates – Pollinator. Small. An old favorite. Very firm, dotted, bright red skin. Firm, juicy, aromatic red tinged flesh with excellent taste. A heavy bearer. Excellent pollinator for most apples. Easy to grow and a favorite for wildlife. Ripens mid October. 800 chill hours. Zones 5-9.

Yellow Delicious – Pollinator. Large. Long time favorite for its sweetness and flavor. Golden yellow. Crisp firm and delicious. High quality apple for all purposes. Excellent pollinator for most apples. Ripens September into October. 650 Chill hours. Zones 5-9.

COLUMNAR APPLES

Great for patios and decks. Trees will grow 10-12 feet and can be topped at any height. If topped, tree will produce short branches which will increase fruit production.



Columnar Apples
\$24.95 each

Golden Sentinel – Productive and very disease resistant. Bears large, attractive, golden yellow fruit. Sweet, juicy and delicious. Ripen mid-Sept. Zones 4-9.

Scarlet Sentinel – Jumbo-size greenish yellow and red fruit. Very sweet and juicy with crisp, white flesh. Productive and disease resistant. Ripens late Sept. Zones 4-9.

CRABAPPLE TREES

NEW Callaway – This is one of the favorite white-flowered crabapples for gardens. The pink bud becomes a white flower, and the large (1 1/4 inch) fruit is red. Crisp yellow flesh is mildly tart. Fruit is good for fresh eating and jelly. It grows 15 to 25 feet tall. Very disease resistant. Zones 4-9.



CALLAWAY

Hopa – A very hardy crabapple growing upright 25-30' tall. Prolifically blooms with rose-pink flowers turning into edible 1" fruit. Ideal for fine jelly. Zones 3-9.

Transcendent – Large. Yellow with red cheek. Heavy bearer. Long time favorite for fresh eating and cooking. Fine for jelly. A beautiful variety of Siberian Crabapple displaying showy white spring blooms. Good pollinator for other apples. Self-fertile. Ripens mid-summer. 300-400 chill hours. Zones 3-10.



TRANSCENDENT

ASIAN PEAR TREES

Also known as apple pears. Crispy, juicy and tender specialty fruit. Asian pears are semi self-fertile and will fruit sufficiently for the average home gardener. However, to increase fruit yield, choose two different varieties. Bears in 2 - 3 years.

Asian Pears
\$17.95 each



HOSUI

20th Century – Medium Round. Thin yellow-green skin. Firm, extremely juicy, crisp flesh. Excellent quality. Tolerates drought and heat. Partly self-fertile. Pollinate with Hosui or Shinko. Ripens late July through mid August. 400 chill hours. Zones 6-9.

Hosui – Medium to Large. Consistent taste test winner. Golden russeted skin. Juicy, sweet, flavorful, fine textured flesh. Crisp and refreshing like an apple. Good keeper. One of Japan's leading sellers. Ripens early through late August. 450 chill hours. Zones 6-9.



20TH CENTURY

Shinko – Medium to Large. Brownish-green skin. Excellent, rich sweet flavor. Fine texture. Russet type. Ripens mid August through mid-September. 450 chill hours. Zones 6-9.

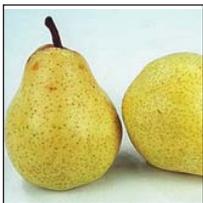
STANDARD PEAR TREES

Grows and produces best in well-drained sandy-loamy soil. Will also grow in clay soil, light sandy soil or dry soil with irrigation. Don't over fertilize. Can promote fireblight. Full sun. Ph 6.0-6.5. Plant 25 – 35 feet apart. Requires cross-pollination from different variety. Fruit yield: 3-4 bushels. Bears in 2 - 3 years.

*Apples, Nectarines,
Peaches, Pears,
Plums*

Qty	Price
1-10	\$16.95 ea.
11-20	15.95
21-up	15.50

Baldwin – Medium to Large. Oblong, semi-hard fruit. Light green skin lightly overlaid with russet. Good fresh or processed. Good variety for Deep South. Ripens in mid-October. 150 chill hours. Zones 4-9.



BARTLETT

Bartlett – #1 pear in the world. 75% of all U.S. and Canadian pears. Large. Golden, yellow fruit blushed with brownish red. Smooth, juicy, white flesh. Pleasant touch of tartness. Good for fresh eating, canning or preserves. Ripens mid-August. 800 chill hours. Zones 5-8.

Kieffer – Large. Greenish-yellow skin blushed red. Coarse, crisp, juicy, white flesh. Stores well. Self-fertile. Ripens October to November. 400 chill hours. Zones 4-9.

Moonglow – Large. Brownish-green skin. Fruit resembles Bartlett in shape. Soft flesh, moderately juicy and nearly free of grit. Flavor mild. A good pollinator for other pears. Ripens early August. About two weeks before Bartlett. 500 chill hours. Zones 5-8.



MOONGLOW

Orient - Large. Smooth, firm, shiny, round fruit with red cheek. Known for its intense beauty. Thick skin; juicy, melting, creamy white flesh with good texture and excellent flavor. Blight resistant. Use Kieffer or Moonglow as pollinator. Needs little pruning. 350 chill hours. Zones 5-8.

Pineapple - Large. Yellow fruit blushed with red. Crisp flesh is with unusual pineapple-like flavor. Good for Deep South. Tree grows 15-20' tall. Bears large crop at early age. Self-fruitful but sets heavier crop if a 2nd variety is planted. Fireblight resistant. Ripens in August. 150 chill hours. Zones 4-9.

NEW Seckel (Sugar) - Small to medium yellow russeted skin with extraordinary flavor. A connoisseur's delight. Fruit is smooth and is extremely sweet and very juicy. Distinctive, spicy, rich, aromatic flavor. Got its name because it is referred to "as sweet as sugar". Self-fertile but heavier crop with cross pollination. Ripens late Sept. 500 chill hours. Zones 5-8.



PINEAPPLE



SECKEL (SUGAR)



WARREN

Warren - Medium-Large. Long necked, dropshaped fruit is faded green. Sweet, very juicy, buttery, smooth flesh with no grit. Self-fruitful tree. Resistant to fireblight even in heat and humidity. 700 chill hours. Zones 5-9.

PLUM TREES

Requires well-drained fertile soil in full sun. Cross-pollination required except where noted. Plant 15-20 feet apart. Bears in 2-3 years. Fruit yields: 2 bushels.

Beauty - Large. Japanese plum. Bright red skin. Amber flesh tinged with red. Self-fertile. Good pollinator. Strong, vigorous tree. One of the better early varieties. Ripens early June. 250 chill hours. Zones 5-9.



BEAUTY

Burgundy - Medium. Japanese plum. Reddish-purple skin. Flesh deep red, mellow, sweet. Small pit. Self-fruitful. Good for mild winter areas, yet cold hardy. Ripens early July but keeps well on tree until mid-August. 250-350 chill hours. Zones 5-9.

Golden Nectar - Extra Large. A unique and unforgettable eating delight. Skin is golden yellow with tender texture. Flesh is amber, firm and has superb flavor. Ripens evenly. Blue Ribbon winner at many fairs. Needs pollinator. Ripens late July. 500 chill hours. Zones 5-9.



GOLDEN NECTAR

Green Gage - Medium. European Plum. Greenish-yellow skin. Very sweet, juicy and smooth amber freestone flesh. Wide climatic range. Sets heavy. Good cooked and canned. Ripens July. Self fertile. 400 chill hours. Zones 5-9.



GREEN GAGE

Methley – Pollinator. Excellent quality. Medium to Large. Purplish skin. Flesh is amber tinged. Juicy flesh with a sweet mild flavor. Good for fresh eating or jelly. Early bloomer. Heavy crops. with red, delicious flavor. Ripens early June. 250 chill hours. Zones 5-9.

Ozark Premier - Largest of all. Red skin and freestone. Flesh is yellow, juicy and tart. Very good. Ripens mid June. One of the best tasting plums available. 700-800 chill hours. Zones 5-9.



OZARK PREMIER

Santa Rosa - Very Large. Japanese plum. Purplish-red skin with blue bloom. Firm flesh, yellow to dark red near skin. Rich, pleasing tart flavor. Self-fertile. Ripens mid-June. 400 chill hours. Zones 5-9.

Satsuma - Large. Japanese Plum. Dark, solid red skin. Firm, rather juicy, dark red flesh to pit. Needs pollinator. Ripens late July to early August. 300 chill hours. Zones 5-9.



SATSUMA

PLUMCOT

NEW PlumCot "Spring Satin" - A combination of a plum and apricot. Reddish-black skin, golden-reddish flesh. Large, sweet, firm. Very productive. Tree grows to 10-12 feet. Pollinate with another plum. Ripens mid June. Zones 6-9.

Plumcot
\$21.95 each



PLUMCOT

Chill hours are the number of hours below 45 degrees.

PEACH TREES

Plant in full sun about 16-20 apart. pH 6.5-7.0. All peaches and nectarines are self-pollinating and begin bearing approximately in 2-3 years. Suggest annual pruning to maintain vigor since fruit bears on previous years growth. Thinning is required to ensure maximum fruit size and quality. Fruit yield: 2-3 bushels per tree.

Apples, Nectarines,
Peaches, Pears,
Plums

Qty	Price
1-10	\$16.95 ea.
11-20	15.95
21-up	15.50

STANDARD

Bell of Georgia - Large freestone. Old time favorite. Firm white flesh. Highly flavored. Excellent for fresh eating and canning. Delicious flavor. Heavy producer. Good for cold areas. Ripens 3 days before Elberta. 800 chill hours. Zones 5-8.



ELBERTA

Elberta - One of the most popular peach varieties. Yellow melting freestone under a yellow with red blush skin. Excellent quality. Very productive. Ripens approx. July 25th. 950 Chill hours. Zones 5-8.

Early Elberta - Large, freestone. Elongated. Skin golden yellow blushed red. Rich, sweet, yellow flesh. A great all-around peach. Ripens 1 week before Elberta. 750 Chill hours. Zones 7-9.



GALAXY

Early Grande - Large. Yellow skin with a red blush. Firm, excellent flavor, fine texture, yellow flesh. Semi-freestone. Heavy producer. Excellent early, mild winter peach. Ripens late April to late May. 275 chill hours. Zones 5-9.

Florida Prince - Medium to large semi-freestone. Round, yellow fruit with red blush and stripes. Firm and yellow. Excellent flavored peach for very mild winter areas. Ripens mid May. 150 chill hours. Zones 8-9



HALEHAVEN

Galaxy - Large freestone "Bagel Peach". Galaxy peach has large fruit with white skin blushed red. White flesh is sweet and juicy. Ripens late June. 450 hours chilling. Zones 7-9.

Hale Haven - Large, freestone. Yellow skin with red blush. Sweet, juicy, yellow flesh is firm yet tender. Exceptional quality. One of the best for home use. Excellent for eating right off the tree. Red at pit. Excellent for canning and freezing. Ripens 15 days before Elberta. 850 chill hours. Zones 5-8.



REDHAVEN

Indian Cling - Favorite old variety of many. Large, beautiful red cling peach with good quality. Holds well. Ripens 2 days before Elberta. 900 Chill hours. Zones 5-8.

Loring - Large freestone. Yellow skin with red blush. Flesh yellow, firm, melting, medium texture. 800 Chill hours. Zones 5-8.

Nectar - Large freestone. Red blushed skin. Firm, sweet, juicy, fine textured white peach. Beautiful and distinctive aroma. One of the best white peaches. Ripens 22 days before Elberta. 800 Chill hours. Zones 6-8.



REDSKIN

Redhaven - Yellow fleshed semi cling. Very good quality and very productive. Ripens 28 days before Elberta. 950 Chill hours. Zones 5-8.

Redskin - Large. Skin deep red over yellow. Freestone. Flesh yellow, melting, non-browning, firm, fine flavor. Vigorous, fast growing tree. Excellent qualities for eating. Ripens 2 days before Elberta. 750 chill hours. Zones 5-8.

NECTARINE TREES

Arctic Fantasy - Very large. White flesh is sweet but not all sugar. Red over 80 percent. Freestone. 400 chill hours. Mid-late season. Zones 6-8.

Fantasia - Very large freestone. Bright red with bright yellow under-color. Flesh yellow, firm, smooth textured, sweet juicy and good quality. Bears well in warmer winter climates. Also frost tolerant. Mid season. 500-600 Chill hours. Zones 6-8.

Snow Queen - Sweet, juicy, early season white fleshed freestone. Long time favorite. 300 Chill Hours. Zones 7-9.



FANTASIA



SNOW QUEEN

FIG TREES

Best in well-drained soil. Plant in full sun preferably. In colder areas plant on the south side of a building to provide winter protection. Can prune into a tree or large shrub. Self-fruitful. Bears in 3 years. Plant 15-20' apart. Water throughout the summer and fertilize as needed. Mulching recommended. Fruit yield: 1-2 bushels per tree.

Fig Trees
\$10.95 each

Brown Turkey - A heavy bearing fig of medium to large size. Bell shaped. Purplish-brown skin with light to amber color flesh. Sweet, Excellent. Zones 5-9.

Celeste - Most cold hardy variety. Flesh is white to rose color. Skin is purplish brown. Known as best fig for it's size. Has a complex sweetness that leaves a pleasant aftertaste. Excellent for canning and preserving. Trees grow to large size. Zones 6-9.

LSU Purple - Released from LSU. Medium size fig with large, light green leaves and stunning, burgundy red fruit and red pulp. Excellent taste with a high sugar content. Produces 2-3 crops. Great for the Deep South. Zones 6-9.

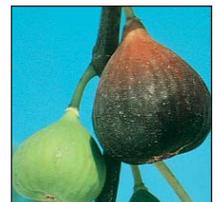
Texas Ever-Bearing - Large size, brown to purple amber flesh. High quality fig. More susceptible to cold damage than others. Excellent for preserves. We also find by cutting tips of each branch or limb off about 6 inches it will allow sap to flow out the end. This will make trees go through the winter much better. Zones 6-9.



BROWN TURKEY



CELESTE



TEXAS
EVER-BEARING

Recommended Products for Fruit Trees

AgriTabs Starter Plant Tablets - Great to use when first planting your trees. Use one 21g tablet per tree.

Captan 50W Fungicide - Controls common diseases.

Malathion Insect Spray - Provides excellent control of Insects.

Liquid Fence - Helps keep deer out of your berries.

(All products above are available on pages 12-13)

CHERRY TREES

Plant in full sun with well drained soil. pH level best at 6.0-6.8. Plant 25' apart. Tart cherries are self-fruitful but sweet cherries require cross-pollination. Fruit yield 2 bushels per tree. Cherry's ripen mid June – early July.

Cherry Trees	
Qty	Price
1-5	\$19.95 ea.
6-up	18.95

Bing - Sweet, very large, dark red cherry that is famous for its sweet taste and heart shaped appearance. Great for fresh eating, canning or freezing. Pollinate with Stella. 900 chill hours. Zones 5-8.

Black Tartarian - The best sweet cherry available. Blackish red in color, good size, sweet, juicy and rich. Excellent for fresh eating and pies. Ripens very early. Bears at early age. 900 chill hours. Zones 5-8.

Montmorency - A tart cherry that is great for pies, canning, preserving, freezing and fresh eating. Very sweet when fully ripe. Extra large in size. A sure young bearer. Crack resistant. 700 chill hours. Zones 5-8.

NEW Rainier - Sweet, very productive large, yellow fruit with a red blush. Premium quality fruit. Fine textured, very firm. Has a distinct flavor. Considered superior to most cherries. Stores well, great for fresh eating as well as jams and sauces. Bears early and heavy. Resistant to cracking. Needs pollinator. 900 chill hours. Ripens mid season. Zones 5-8.

Stella - Self-fertile, sweet, large fruit. Dark colored and firm. Vigorous, hardy and bears early. Can be used as pollinator for sweet cherry. 700 chill hours. Zones 6-8.



BLACK TARTARIAN



RAINIER



STELLA

POMEGRANATES

Useful as landscape plants as well as for fruit. Attractive orange red flowers. Fountain shaped shrub or tree, depending on the training. Needs sun for best flowers and fruit. Drought tolerant. Grows well in alkaline soil that would kill most plants. Cold hardy. Ripens in October.



Pomegranate Trees approx. 2-3'	
Qty	Price
1-5	\$19.95 ea.
6-up	18.95

WONDERFUL



ANGEL RED

NEW Angel Red® New (Patent #16578) Unique gourmet fruit. Bright red, large fruit produces almost a month ahead of Wonderful. Excellent flavor, bears heavy crops, has soft seeds that can be chewed and eaten, and has a vivid red color. Yields high volumes of antioxidant juice. Ripens late Aug to early Sept. Mature height if unpruned 15-18'. 150-200 chill hours. Zones 5-9.

Wonderful - Extra large. Blushed red skin. Flesh rich, red color, juicy with sharp flavor. Most well known of pomegranates. Ripens in September. 150-200 chill hours. Zones 5-9.



CHINESE CHESTNUT



ENGLISH WALNUT

ORIENTAL PERSIMMONS

Full sun in well-drained soil. Set 25-30' apart. To enjoy persimmons the most, allow to ripen at room temperature before eating, as most varieties are astringent before they soften. Fruit is the size of large peaches. Bears in 2-3 years. Trees grow to 25-30 ft. Suggest cross-pollination to increase quality of fruit and reduce fruit drop.

Persimmon Trees	
Qty	Price
1-10	\$19.95 ea.
11-24	18.95
25-up	17.95

Fuyu - This large orange persimmon rates high in flavor and consistent, reliable production. Fruit will ripen on or off the tree and will last for weeks without refrigeration. Non-astringent. Zones 7-10.

Jiro - Shiny large flattened fruit. Sweet non-astringent, firm, crunchy flesh. The fruit is seedless unless planted with another variety. Can be peeled and eaten like an apple. Second most popular non-astringent. Bears at young age. Great flavor and excellent quality. Ripens mid to late October. Zones 6-10.

NEW Hana-Fuyu - Very large, obliquely rounded fruit, reddish orange skin, smooth texture, non-astringent, juicy. Wonderful flavor and quality. Dwarf size tree. Fruit can weigh up to 1/2 lb each. Ripens mid October. Zones 7-10.



FUYU



JIRO



HANA-FUYU

NUT TREES

All-In-One Almond - #1 almond for home orchards. Medium to large. Soft

All-In-One Almond	
Qty	Price
1-5	\$20.95 each

shelled with sweet, good quality kernels. Its heavy production restricts growth so that some classify the tree as semi-dwarf to 15 feet. Self-fertile. Ripens late September to Early October. 500 Chill Hours. Zones 6-10.



ALL-IN-ONE ALMOND

NEW Colossal Chestnuts -

This tree features a large nut with 11 to 15 nuts per lb. Grows up to 25-30 feet tall and wide. Reaches maturity in 3 to 5 years. Nuts taste sweet and mellow with a smooth texture. The nuts are ready to harvest in early to mid September. Bears in 3-4 years. Yields 50+ lbs. Zones 4-9.

Chestnuts	
Qty	Price
1-5	\$19.95 ea.
6-up	17.95



COLOSSAL CHESTNUTS

Carpathian English Walnut - An English walnut that grows in the south, self-fertile but does best when two trees are planted. The plump kernels easily crack out of the shell, into perfect halves. Fast growing. May reach 60' in height. Very cold hardy down to -30 degrees. Prefers fairly deep well-drained soil. Bears in 5 years and has a life expectancy of around 100 years. Zones 5-9.

English Walnut	
Qty	Price
1-5	\$20.95 ea.
6-up	19.95

Black Walnut - Self-fertile - Large nuts, excellent for fresh eating or cakes and ice cream. Produces many bushels of nuts, large in size. Majestic trouble-free trees reach 50' tall and the expensive wood is in high demand for furniture making. One mature tree often sells for several thousand dollars. Good timber investment. Zones 5-9.

Black Walnut	
Qty	Price
1-5	\$15.95 ea.
6-up	14.95

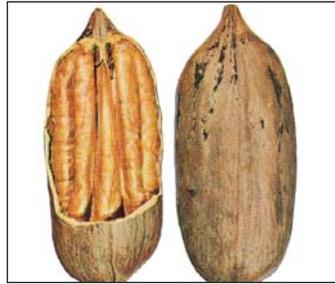
PECAN TREES

Soil should be a deep well-drained sandy loam to sandy clay loam. pH is less a factor with pecans, although 6.0-6.5 is ideal. Pecans get big so allow plenty of space. Spacing of 50-60' preferred. Pecans are heavy feeders and don't compete well with weeds. Maintain a clean basin several feet around tree. Starting 2nd year pecans should be fertilized. Bears in 5-7 years and bears for 70+ years with proper care. Plant at least two varieties to insure good pollination.

Pecan Trees	
Qty	Price
1-10	\$22.95 ea.
11-20	19.95
21-up	18.95



STUART



MAHAN

Cape Fear - Good disease resistance and excellent kernel. Bears mid season. Shell is resistant to cracking during harvest. Nuts/lb: 47. Zones 7-9.

Cheyenne - Dwarf, sweet nuts are above average size. Bears in as few as five years and grows slowly making Cheyenne excellent for small spaces. This is a good pollinator. Nuts/lb: 51. Mid-Season. Paper shell. Zones 7-9.

Choctaw - A very large, high-quality nut. A good yard tree because of its beautiful foliage, scab resistance and high yields. Mid season. Nuts/lb: 38. Zones 7-9.

Desirable - Developed from Stuart. Heavy bearer. The nuts are larger than Stuart, better quality and usually brings more money. Use Stuart as the pollinator. Resistant to scab. Nuts/lb: 39. Early season. Zones 7-9.

Jackson - Outstanding pecan. Self-fertile and excellent pollinator. Good for home or commercial use. A higher yielding pecan tree that has high disease-resistance to scab. The large papershell nuts are outstanding in size and kernel percentage. Nuts/lb: 41. Ripens in September to October. Zones 6-10.

Mahan - One of the largest pecans grown. A very long, large soft-shelled nut that averages about 2-1/2" long. Nut has a rich flavor. Best variety for shade tree. Nuts/lb: 37. Zones 6-10.

Stuart - An all time favorite. A heavy bearer with excellent quality. It should be pollinated with Desirable. Resistant to scab. Suitable to many different climates. Fast growing. Nuts/lb: 40. Zones 6-10.

Pawnee - Dwarf, early maturity, large size, high yields, fast growing tree producing long unbranched limbs, branching well later, producing fruit throughout the tree. Does well for small gardens. Nuts/lb: 55. Early season. Zones 6-10.



DESIRABLE

FLOWERING TREES

Bradford Pear - Lovely shade tree that grows 25-30'. One of the earliest to bloom with snowy white blossoms. Beauty continues into fall with leaves changing to yellow, orange and rich red. Hardy and disease resistant. pH 7.0-7.5. Zones 5-10.

Kwanzan Flowering Cherry - Most popular and the hardiest of oriental cherries. Has deep pink double blooms which are 2 1/2" in diameter. Grows to about 25'. New growth is reddish copper turning to green. Zones 5-10.

Yoshino Flowering Cherry - Bright green glossy foliage, turning yellow in fall. Flowers are white with single blossoms. Very fragrant. Upright spreading branches, rounded crown reaches heights of 40'. pH 6.0-7.5. Zones 5-9.

Pink Dogwood - The tree has a wonderful display of color in late winter to early spring when covered in large pink blooms. Fall brings red to maroon foliage with clusters of deep red berries that birds simply love. Has medium growth rate that matures at 20-30 feet in height. Canopy of the dogwood tree is symmetrical and spreads to 20-25'. Zones 5-9.

Red Dogwood - The blooms are a beautiful deep lasting ruby red. Fall color is a bright scarlet. Dogwoods have a variety of landscape uses. Canopy of the dogwood tree is symmetrical and spreads to 20-25'. Zones 5-9.

White Dogwood - A profusion of full white blooms every spring. Deep green leaves turn scarlet in the fall. Beautiful blooms first appear in April - May, making this a delightful ornamental tree. This breathtakingly beautiful blizzard of white blossoms is an excellent choice to plant along streets, near large buildings, next to patios or as a property border. An especially eye-catching tree when planted in rows. Extremely vibrant when planted for contrast with red and pink dogwoods, or against a backdrop of evergreens. Spreads 20-25'. Zones 5-9.

Flowering Trees
\$16.95 each



KWANZAN FLOWERING CHERRY



YOSHINO FLOWERING CHERRY



PINK DOGWOOD



RED DOGWOOD



WHITE DOGWOOD

Pecan Tip

Fertilization is one of the most important practices for bearing trees. If the trees are to produce a good crop, terminal growth should be 6 inches each year. Broadcast 4 pounds of a complete fertilizer such as 10-10-10 for each inch of trunk diameter (measured 4 1/2 feet above soil level). This fertilizer should be applied in mid to late February.

*Gift Certificates available
in any increments*

SPECIALITY FRUITS

FRUIT COCKTAIL TREE 5 VARIETIES OF FRUIT!

Pick 5 delicious varieties from this unusual tree! Plant our Fruit Cocktail Tree when you don't have room for an orchard. Pick peaches, plums, nectarines and apricots all from the same tree. Harvest bushels of fruit. Have plenty for jams, jellies, canning, eating fresh and freezing. Self-pollinating. The first bushel of fruit will pay for the tree. Blossoms in spring - fruit in fall. In spring your tree will be loaded with an abundance of blossoms. A spectacular sight for the whole neighborhood to enjoy. This is pretty enough to plant as a specimen tree in your front yard. Zones 4-9.

Fruit Cocktail Tree
\$39.95 each

Varieties include: **Peach** - July Elberta, Gold Dust, **Plum** - Late Santa Rosa, **Nectarine** - Independence, and **Apricot** - Blenheim.

COMBINATION FRUIT TREES

Combination trees are fruit trees with multiple varieties of the same fruit on one tree. We have apples, pears, Asian pears and plums available. Each one has five different varieties available on one tree. These trees are great additions to the home orchard, especially when space is limited. All trees are semi-dwarf and reach 13-15 ft. Please note: These trees will not be available for shipping until January.

Combination
\$27.95 each
*varieties subject to change

NEW **Combination Apple Tree** – Enjoy apples from Summer to Fall. Apples for eating, cooking and freezing. Varieties include: Gala, Fuji, Yellow Delicious, Red Delicious and Granny Smith. Zones 4-9.

NEW **Combination Pear Tree** – Enjoy pears from August to November. To include a combination of the following varieties: Bartlett, Seckel, Bosc, Red Bartlett, Cornice, D'Anjou, Flemish Beauty. Zones 4-9.

NEW **Combination Plum** – Enjoy your favorite plums from July to August. Yellow, purple and red plums are all included on this special tree. We have also included the Italian Prune for drying. Zones 4-9. Includes the following varieties: Santa Rosa, Satsuma, Shiro, Damson and Italian Prune.

QUINCE

Quince are easy to grow, fruiting and ornamental trees. The trees have beautiful large white flowers followed by waxy, yellow, fragrant fruit. Good for baking and in preserves. Self-fertile, happy in full to 1/2 day sun. Ripens mid-April. Very cold hardy.

Quince
\$21.95 each

Orange – Bears very large, aromatic, attractive yellow flavorful fruit with light orange flesh. Zones 3-9.

Smyrna – Produces very large, pale yellow fruit with smooth skin at a young age. Flesh is tender and sweet when cooked. Zones 3-9.



SMYRNA

PAW PAWS

NEW **Mango Paw Paws** – The most vigorous paw paw. A small tree that bears large, round tasty fruit with attractive, orange-yellow flesh paw paws. Fruit is 3 to 6 inches long. Has a flavor similar to that of tropical mangos. Likes moist, rich, well-drained soil. Plants shipped in 9" pots and are approximately 15-18" above root. Ripens Sept. to frost. Bears in 2-4 yrs. Yields 30+ lbs. Zones 3-9.

Paw Paw
\$24.95 each



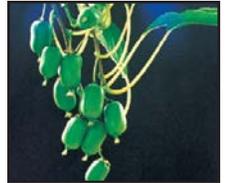
PAW PAW

KIWI

Attractive, vigorous, disease and pest free vines grow quickly. Sweeter and more flavorful than the fuzzy kiwi. Produces up to 150 lbs of fruit. Can be eaten like grapes. Likes 1/2 day to full sun. Needs a male for pollination. One male can pollinate up to 8 females. Trees are 2-4 ft. Plant 12' apart.

Kiwi
\$16.95 each

NEW **Issai** – Bears heavy crops of large, sweet and delicious fruit. Can be grown on fence or wall. Bears year after planting. Harvest in mid-late Sept. Self-fertile although crop will be heavier if planted with male.



ISSAI

Anna – A very vigorous and productive vine. Anna is the most popular variety for commercial growers and bears abundant crops of large, very sweet, delicious fruit. Zones 3-9.

Ken's Red – Produces very large, sweet and tasty fruit. Fruit has reddish purple skin and flesh. A very unique variety. Zones 3-9.



KEN'S RED

Male – Selected for its profuse bloom, our male variety can pollinate up to 8 female Hardy Kiwis. It also makes an attractive and vigorous, non-fruit bearing ornamental vine. Zones 3-9.

JUJUBE (Chinese Date)

Easy to grow with few pests. Shiny reddish-brown date like fruit. Sweet apple flavor. Needs hot summer to ripen. Trees are thorny. Reaches 15-20 ft in 15 years. Hardy to -10 degrees. Ripens in fall.

Jujube
\$26.95 each

Li – The number one seller. 1 1/2 inches long, round-plump. Can be picked yellow-green and will finish ripening off the tree to wrinkled, mahogany color. Ripens in Fall, mid season. Zones 6-9.



LI

NEW **Sherwood** – Excellent taste, firm, large shiny reddish brown date like fruit. Sweet apple like flavor. Has fewer thorns than other Jujubes. Ripens in mid October. Zones 6-9.

PINEAPPLE GUAVA

NEW **Pineapple Guava Seedling** – An exotic and beautiful evergreen. A beautiful plant with spectacular flowers and tasty fruit. Fruit has the taste of mint and pineapple. Plant in the ground or in pots on your patio or deck. Planting several will make an attractive hedge. Ripens in mid-November. Bears in 3-4 years. Yields 10 lbs per plant. Plant at least two for cross-pollination. Grows 6-8'. Shipped in 6" band pots. Zones 7-10.

Pineapple Guava
\$18.95 each



PINEAPPLE GUAVA SEEDLING

OLIVE

NEW **Arbequina** – A new and valuable Spanish variety, Arbequina is a very attractive, naturally compact tree. Self-fertile and early ripening, Arbequina begins bearing the year after planting and makes gourmet quality olives and oil. Likes full sun and well drained soil, planting tree on the south or west side of building will accelerate fruit ripening. Ripens in October. Yields 20+ lbs. Zones 7-9.

Olive
\$21.95 each



ARBEQUINA

GROWING PRODUCTS

VINEYARD MAINTENANCE

We have been growing muscadine grapes since 1934 and have over 40 acres of muscadine vineyards in production. We are pleased to offer you products that we use in our own vineyard and know will make the work easier.



Blue-X Plant Shelters: Increase Plant Growth Up to 150% - Protect your young vines and accelerate growth. Shelters provide protection from animals, chemical sprays, and weed trimmers. Field studies of vine shelters have shown increased growth rates of 100-150%. This patented two-part grow tube has an outer plastic sleeve which encircles a transparent blue-tinted polyester film. This film admits up to 50% more photo synthetically active radiation (PAR) which is the part of the light spectrum that is most used by plants. At the end of the season (shelters should be removed a few weeks before the first frost), 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. When installing, push a little dirt up around the bottom to close off air flow. Economical, long lasting and durable. Designed so they cannot blow apart. Priced individually.

Size	30"	48"
Each	\$0.90	\$1.40
Case of 100	.85	1.35
Case of 250	.80	1.30
Case of 500	.75	1.25
Sleeves Only	.45	.60

Max Tapener - Every grower with 1/4 acre or more needs this for tying vines to the wire. Does the work of four men, single-handedly. Great for tying up grapes, blackberries, vegetables and flowers. A great time saver.\$69.95
Blue Tape - 26 yds per roll, 10 rolls.....\$19.95
Replacement Blades - 3 per package.....\$ 8.50
Staples - Box of 5,000.....\$ 7.50



Gripple Wire Joiners - The unique Gripple wire joiner saves time and effort when joining wires, tensioning or terminating wire at a strainer post. Wires are simply pushed through the Gripple joiner in each direction and the one way grip means each wire is firmly held. Made with an alloy casing and stainless steel springs, Gripple wire joiners are exceptionally long lasting.....\$ 3.00 each



Gripple Tensioning Tool - This tool is ideal for tensioning the initial installation, carrying out repairs and general maintenance. It can generate 880 lbs of load. For use with all sizes of Gripple Wire Joiners.\$ 89.99

Anvil Pruning Shears - 8" Full size shear. Designed for dry and woody growth. 1" diameter cutting capacity. Thumb lock-pistol grip design. Vinyl coated handles..... \$15.00



9 Gauge Wire - Perfect for Muscadines and Bunch Grapes. 10 lb roll (170 feet) \$24.95

GROWING SUPPLIES

FERTILIZERS, HERBICIDES, INSECTICIDES, ETC.

Calcium Nitrate - Adds nitrogen and calcium to growing crops. Rate of 1 cup per 50' row. Recommend 1/4 lb. per plant.\$5 Lbs. - \$7.95

Hi-Yield Captan 50W Fungicide - A wettable powder fungicide specially formulated to mix easily with water to control fungus disease on fruits and ornamentals..... .12 ozs - \$14.95



High Yield Dormant Spray - Contains Superior Oil. A very effective control for a wide variety of insects. Do not use if temperatures exceed 85 F..... \$8.25



Fire Blight Spray - Controls fire blight on Crabapples, Apples and Pears. 1 tbsp per 2-1/2 gallons when trees start flowering in the spring.....2oz - \$10.99

Ferti-lome Fruit Tree Spray - - 2 tbspn per gallon. Start spraying after blossoms fall - twice a month until harvest..... 1qt - \$17.99



Agsafe 20-10-5 Starter Tablets - A safe way to feed your fruit trees, grapes, and berries. Tablets are environmentally friendly, non burning, long lasting and provide a complete feeding for all trees, berries, and vines. Place the tablets beside the roots of the trees or vines when planting. Soak the area good to activate the tablets. Recommend 1-21 gram tablet for fruit trees and 1-10 gram tablet for berries and vines..... 10 gram tablets \$0.12 ea. 21 gram tablets \$0.25 ea.

High Yield Lime Sulphur Spray - Provides excellent dormant and summer fungus and bacterial clean-up on shrubs, roses, fruit and shade trees.1qt - \$10.99

High Yield 55% Malathion Insect Spray - Provides excellent control of fleas, aphids, spider mites, lace bugs, adult Japanese beetles, tent caterpillars, and others on fruit, vegetables, and animals.....1qt - \$18.95



Surfactant For Herbicides - Use with Herbicide Sprays. Use 3/4 tspn per gallon of water.1pt - \$6.50

Grapevine Ag Ties - Adjustable 11" green heavy duty plastic that can be used for tying vines to wire on mature plants..... \$0.15



Oat Alumina Boss Labels - All weather tag - double face surface, will not fade. Write with pencil or pen. Eliminate guess work on what you have planted. Can nail to post or tie to wire. Great for marking pollinators to ensure proper pollination.....\$0.15 ea

Soil Analyzer 3-way - Takes the guess work out of planting, watering, and feeding. Test your soil's pH, light, and moisture in one fell swoop. Just sink the probes into the soil, set dial and learn all about your soil.....\$10.95



Picking Bucket with Harness - 22 quart. Great for picking fruit. We use these in our vineyards and they are very effective..... \$29.95



Replacement Harness Available.....\$9.00 ea.

PEST CONTROL

Ross Garden Netting - Protects plants from birds and small animals.14" x 45"\$24.95



Liquid Fence - For repelling deer and rabbits from landscaping, flowers, shrubs, plants, vegetables, fruit trees, vines and garden areas. It's biodegradable.

Ready to use: 1 Gallon.....\$24.99

Giant Snake or Owl - Inflatable 6' snake or 12" owl. Helps eliminate bird and rodent problems. Helps protect your fruits, trees and vegetables.....\$6.99



Guard'n Eyes - Bird Scaring Balloon. With millions being used worldwide. The "eyes" are what make the product work; scientific research and consumer testimonials attest to its effectiveness\$7.50

Birds-Away - Reflective Flashing Scarecrow Tape - Widely used by commercial growers. Birds-Away Tape flashes dramatically in the slightest breeze, thus helping ward off birds. Very popular with gardeners. Great for fruit trees and gardens.....\$4.99 roll



MUSCADINE PRODUCTS

Independent laboratory tests show that Muscadine grapes contain the highest levels of natural antioxidants. This concentration of Resveratrol, Resveratrol Metabolites and other phenolic compounds, such as Ellagic Acid, OPCs and Quercetin make Muscadine grapes a very potent antioxidant.

Ison's Muscadine Grape Seed Capsules - Muscadine grapes produce very high levels of antioxidants. 100% grape seed - not an extract. The Muscadine Grape has more functional genes than wine grapes and therefore provides higher levels of ellagic, OPC's, quercetin, anthocyanidins and resveratrol compounds. These compounds make Muscadine Grape seed a very potent antioxidant as proven in independent laboratory tests.....60 capsules \$24.95



Ison's Muscadine Purple Grape Skin Powder - Made from the skin of purple muscadine grapes which provides many daily nutritional benefits. This Powder is high in ellagic acid, malic acid, magnesium and potassium. These are essential elements for healthy living. Purple Grape Skin Powder can be added to shakes or smoothies or mixed with your favorite juice. Research conducted at the University of Georgia found that Muscadine Grape skins have almost 3 times more antioxidant power than prunes and over 17 times more antioxidant power than other typically antioxidant-rich fruits.....24 oz \$29.95



Ison's All Natural Pure Muscadine Juice - No other grape compares to the taste of the Muscadine grape. Full of natural flavor and sweetness, Muscadine Grape Juice is a delicious beverage. No sugar added. Not from concentrate. Red or White Juice Available.....(25.5 oz bottle) \$7.99



Muscadine Lover's Gift Pack - Especially for the Muscadine Lover. Whether you remember this unique taste from visiting grandma's house as a child or you just can't wait until harvest time – this gift package delivers delicious muscadine products directly from the vineyard year round. It includes:

- * 1-25oz 100% Red Juice
- * 1-25oz 100% White juice
- * 1-10oz Muscadine Jelly
- * 1-10oz Muscadine Butter
- * 1-10oz Muscadine Preserves.....Packaged together just \$29.95

Ison's Muscadine Jelly - Muscadine jelly cooked the way mama likes, with real Georgia grown muscadines cooked slowly (to lock in the flavor). Muscadine jelly is wonderful on toast or a warm biscuit. If you're having a slow afternoon, spread this jelly on a cracker for a peppy afternoon snack. Now you can enjoy the wonderful taste of muscadine grapes year around!10 oz \$4.99 ea.



Ison's Muscadine Preserves - Now you can enjoy the wonderful taste of muscadine grapes year around! Our preserves are made with whole rich muscadines. Makes an excellent gift item.....10 oz \$4.99 each

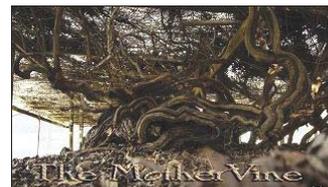
Ison's Muscadine Syrup - Add a touch of heaven as you smother your pancakes or crepes with the freshest muscadine syrup cooked slowly in open kettles. This syrup captures the delicious taste of the South's own grape. Excellent topping for pancakes, waffles, deserts and even for glazing pork.....10 oz \$5.99 each

Ison's Muscadine Butter - Just like Grandma's. Made from fresh muscadines each season. Good on your favorite breakfast breads or serve over cream cheese. Mmmmm10 oz \$4.99 each

Premium Muscadine Scented Candles - 11 oz Tumbler Gel. Use this amazing Muscadine scented candle to create an inviting atmosphere of gentle warmth and comfort in every room of your home! It's almost like being in the vineyard at harvest time. Each candle will burn for approx. 30 hours. Comes wrapped in cello bags ready for gift giving.....\$12.95



The Mother Vine Poster - An amazing photo of the oldest cultivated muscadine vine in America circa 1584. It is still living today and producing fruit on Roanoke Island, NC. 18" x 24" Great for framing!.....\$12.95



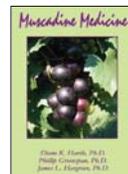
Nutri Steamer Juicer/Cooker - Best juicer for Grapes. Extract natural juices of grapes, berries and other fruits with the power of steam. Just boil water in bottom container and place fruit in top container. Sixty minutes later, fruit juice is ready. Natural concentrated juice drips into the center pan where it can be extracted through a surgical quality, heat resistant tube. Use it for jellies, juices, syrups, and wines. I have personally used it and it is awesome. The grape hulls are tender when done and great for preserves. The cooker is also perfect for cooking soups, stews or steaming vegetables. Stainless steel. Works in oven as a roasting and baking pan. Six piece set.....\$139.00



BOOKS

All About Muscadines, Blueberries, Blackberries - by Bill Ison. Mr. Ison shares his knowledge and expertise with you, so that you can be successful with growing muscadines. This covers from A to Z. We highly recommend it. Also includes great recipes for muscadines.....\$8.50

Muscadine Medicine by Diane Hartle. Describes the health benefits of Muscadine and Scuppernong grapes. For the casual reader, it explains the phytochemical content and new scientific evidence about how the phytochemicals help "phyte" heart disease, inflammation, diabetes, aging and cancer. For growers and people who make muscadine specialty products, it describes health benefits of muscadines, scuppernongs, juices, wines, grape seed powders, extracts and more!.....\$19.95



Deerproofing Your Yard and Garden by Rhonda Hart - Customers frequently ask how to keep deer out of the muscadines and other fruits and berries. This book is your cure all. It will help you protect plants from deer damage with innovative fencing, homemade or commercial repellents or simply by using plants that deer hate.....\$14.95

From Vines to Wines by Jeff Cox - You can create your own backyard winery. This book covers every step of the grape-growing and wine making process right through to savoring the finished product.....\$18.95

Ortho: Complete Guide to Vegetables, Fruits & Herbs - The only consumer guide that spans the entire scope of garden edibles. Details 250 varieties of vegetables, fruits, nuts, and herbs. Over 450 photos.....\$19.95

Pruning Made Easy by Lewis Hill - Best Seller. This book is excellent in helping you to prune all types of trees and plants. More than 300 step-by-step illustrations demonstrate the proper times, equipment and techniques for safely pruning trees, shrubs, hedges, vines, and flowers.....\$19.95

The Backyard Orchardist by Stella Otto - Complete guide to growing fruit trees. All the questions you have wanted to ask about your fruit trees will be answered in this book. 250 pages. Very informative and helpful.....\$14.95

The Backyard Berry Book by Stella Otto - Complete guide to growing berries, brambles, and vine fruits. Explains site preparation, maintenance, soil, pH, watering, pest control, diseases and more. 235 pages.....\$15.95

Storey Country Wisdom Bulletins:.....\$3.95 each

- Jams, Jellies and More (A-282)
- Gardening in Clay Soil (A140)
- Making Homemade Wine (A-75)
- Gardening in Sandy Soil (A-169)
- Grow the Best Strawberries (A-190)
- Berries, Raspberry & Blackberries (A-33)
- Grow the Best Blueberries (A-89)
- Pruning Trees, Shrubs and Vines (A-54)
- Improving your Soil (A-202)
- Great Grapes! Grow the Best Ever (A-53)

DRIP IRRIGATION

What is Drip Irrigation? Drip irrigation is the slow application of water directly to the plant's root zone. Drip irrigation can provide optimum moisture level in the soil at all times, resulting in less water lost to the sun and wind. With drip irrigation, water is not wasted on non-growth areas, and the root zone is maintained at a steady moisture level, combining the proper balance of water and air for a very efficient irrigation system.

Drip irrigation can be used to ensure proper watering of all of your plant needs including berries, fruit trees, grapes and even gardens.

How does it benefit a vineyard? Drip irrigation in vineyards provides excellent water management, allows better fruit production and reduces problems of unwanted mold growth. It also ensures large fruit size and fruit quality. A shortage of available soil moisture greatly reduces the normal growth rate of a grapevine. Grapevines are quite tolerant to drought, but when heavily stressed, plant growth almost stops.

How hard is Drip Irrigation to use? Drip irrigation is an easy, cost efficient way to maintain the necessary watering requirements in your plants. We sell everything you need to set up drip irrigation in your vineyards or other plant areas.

Setting up Drip Irrigation in your Vineyard: Below is information and a diagram to help you set up your irrigation for your to vineyard.

Water Source: You can run the main line to the vineyard using PVC pipe buried under ground. This way you can mow through the rows without having to worry about your main line. If you choose not to do the PVC pipe, you can just use a water hose going from the faucet to your vineyard. You would use (ACU-18) female hose adapter to do this. We recommend using a Pressure Regulator of about 25psi (ACU 32) to ensure the best pressure for your emitters.

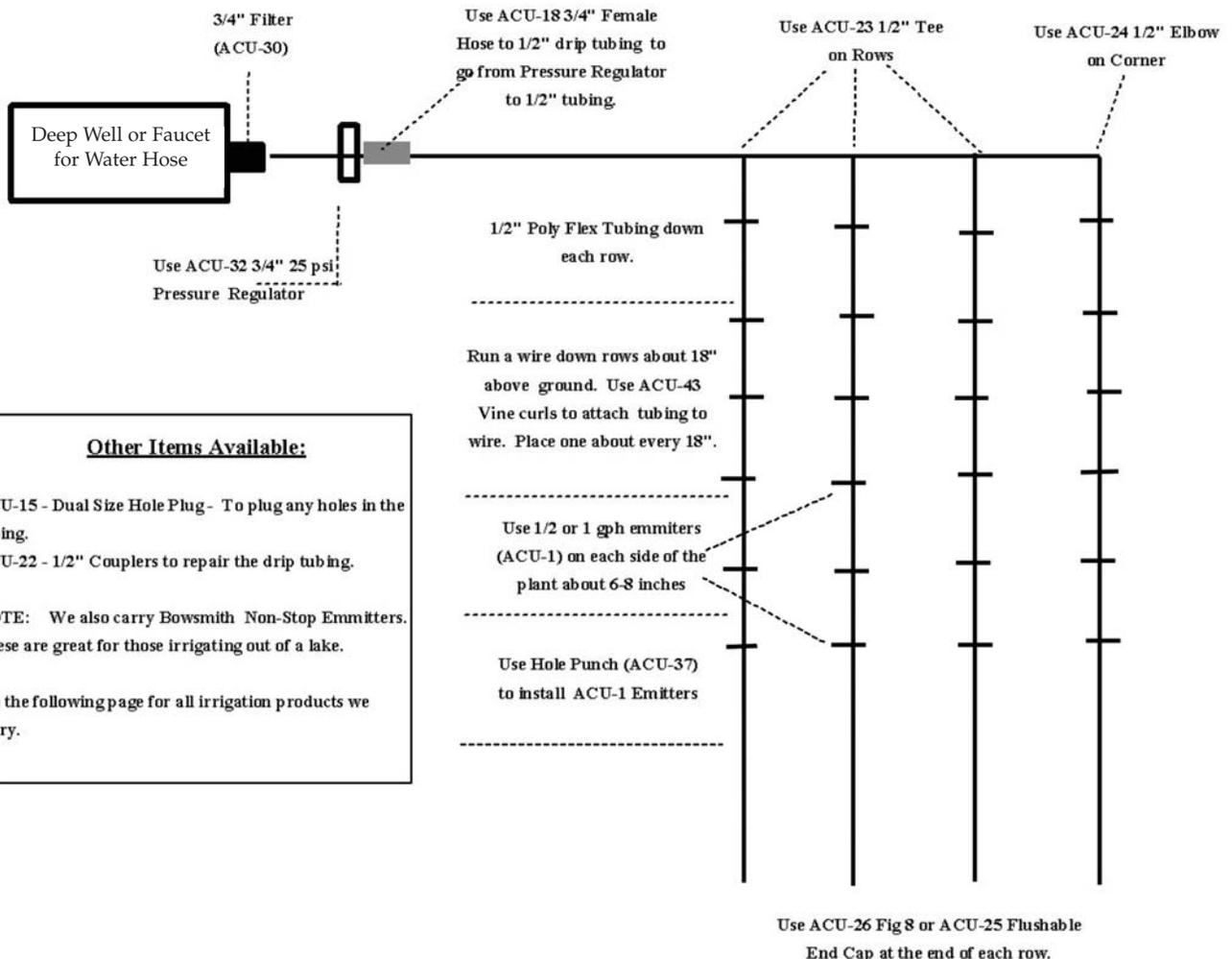
When is the best time to water?

Water in the morning, when humidity is high and temperature is low. Allow the soil to dry slightly between watering. This enables air to mix with the soil particles and aid in plant growth. For the backyard grower we recommend watering three times a week for 8 - 10 hours at a time. If you have had a lot of rainfall, this would be decreased.



DRIP IRRIGATION IN A VINEYARD

IRRIGATION DIAGRAM FOR BACKYARD VINEYARD



Other Items Available:

ACU-15 - Dual Size Hole Plug - To plug any holes in the tubing.

ACU-22 - 1/2" Couplers to repair the drip tubing.

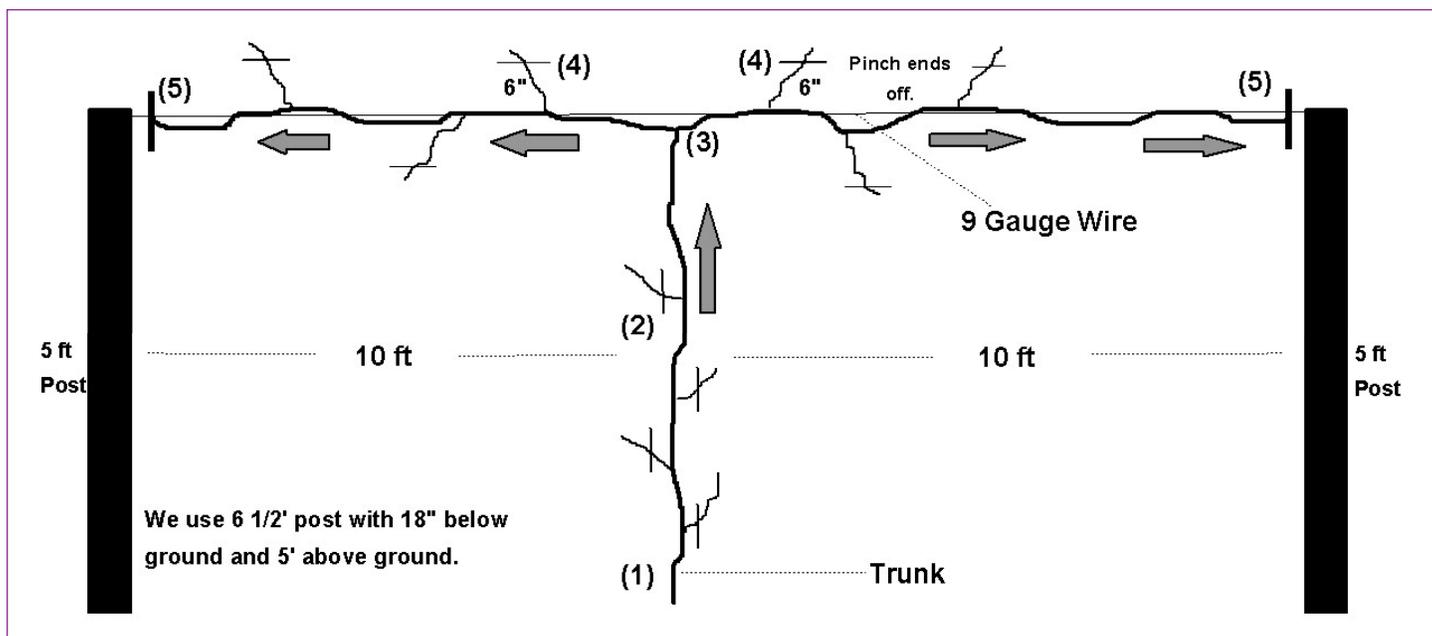
NOTE: We also carry Bowsmith Non-Stop Emitters. These are great for those irrigating out of a lake.

See the following page for all irrigation products we carry.

IRRIGATION PARTS LIST

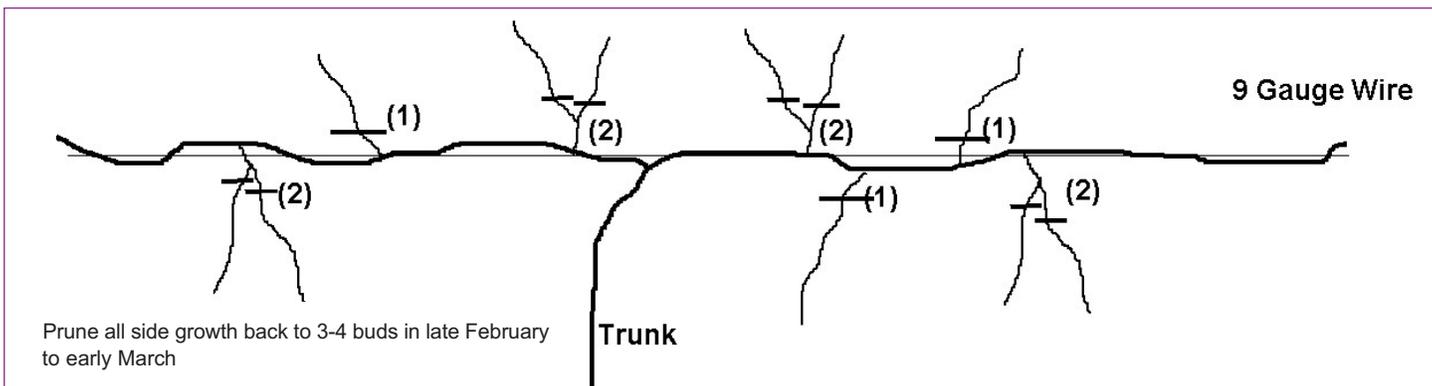
ITEM #	DESCRIPTION	PRICE	ITEM #	DESCRIPTION	PRICE
ACU-05	Micro Flapper Emitter 1/2 Gallon Per Hour <small>A single outlet, low flow; pressure compensating and self-flushing when turned off. Does an excellent job of cleaning small particles from the line every time it is turned off.</small>	0.36	ACU-32A	Pressure Regulator 20 psi Medium Flow	9.30
ACU-1	Micro Flapper Emitter 1 Gallon Per Hour	0.36	ACU-32B	25 psi Medium Flow	
ACU-2	Micro Flapper Emitter 2 Gallon Per Hour	0.36	ACU-34	Riser For Spinner/Sprayer 8 1/2 to 1/2"	0.25
ACU-5	ACU-Spinner 360 Degree- Full Circle	1.05	ACU-35	Support Stake 12"	0.56
ACU-6	ACU-Spray 360 Degree- Full Circle	1.05	ACU-36	Support Stake 4" for 1/8" Feeder Tubing	0.16
ACU-7	ACU-Spray 180 Degree-Half Circle	1.05	ACU-37	Hole Punch For Micro-Flappers	2.84
ACU-8	ACU Spray Stick 180 Degree-Half Circle	1.05	ACU-38	Inserting Tool For Micro-Flappers	1.16
ACU-9	Connector For 1/8" Feeder Tubing	0.12	ACU-40	PVC To Poly Adapter 1/2"	0.40
ACU-15	Dual Size Hole Plug Plugs holes no longer needed.	0.05	ACU-41A	Male Pipe Thread Adapter 1/2" Tubing to 1/2" MPT	1.04
ACU-16	Male Adapter 3/4" Pipe to 3/4" Hose	0.79	ACU-41B	Male Pipe Thread Adapter 1/2" Tubing to 3/4" MPT	1.04
ACU-17	Double Female Adapter 3/4" Pipe to 3/4" Hose	2.22	ACU-43	WideCut Vine Curls Attaches 1/2" tubing to Wire in Vineyard.	0.08
ACU-18	Female Hose Adapter 3/4" Pipe to 3/4" Hose	1.43	ACU-44	Quick Action Valve w/Cutoff 1/2" to 1/2"	2.26
ACU-19	Female Hose Tee Adapter 3/4" Hose to 1/2" Drip Tubing	1.37	ACU-45	Wire Staple Holds 1/2" Tubing In Place in Ground	0.22
ACU-21	Double Female Hose Adapter 3/4" to 3/4"	2.22	TUB-100	1/2" Poly Flex Hose 100 Feet	18.00
ACU-22	Coupler 1/2" Drip Tubing	0.68	TUB-500	1/2" Poly Flex Hose 500 Feet	48.00
ACU-23	Tee 1/2" Drip Tubing	1.06	TUB-1000	1/2" Poly Flex Hose 1,000 Feet	85.00
ACU-24	90 Degree Elbow 1/2" Drip Tubing	0.99	FTUB-100	1/8" Poly Feeder Tubing 100 Feet	8.50
ACU-25	Flushable End Cap 1/2" Drip Tubing	1.05	BOW-.5	Bowsmith Non-Stop Drippers-Green 1/2gph-Good for irrigating from lake	0.65
ACU-26	End Closure 1/2" Drip Tubing	0.23	BOW-1	Bowsmith Non-Stop Drippers-Blue 1 gph-Good for irrigating from lake	0.65
ACU-27	Y With Shutoff 3/4"	3.20	BOW-2	Bowsmith Non-Stop Drippers-Red 2 gph-Good for irrigating from lake	0.65
ACU-28	Anti-Syphon Vacuum Breaker 3/4"	2.48			
ACU-29	In Line Filter w/cartridge 3/4"	5.50			
	Replacement Cartridge	3.00			
ACU-30	In Line Flushing Filter w/cart 3/4"	17.55			
	Replacement Cartridge-3/4"	4.50			
ACU-31	Replacement Cartridge-3/4"	4.50			

DEVELOPING THE MUSCADINE VINE



- (1) At planting, prune all side growth. Find longest runner and prune off all other side growth.
- (2) Keep all side growth removed from trunk area leaving only leaves that are closest to the trunk.
- (3) Once vine reaches top of wire, lead vine down wire in one direction and wait for a sucker to put out and lead down wire in other direction.
- (4) Allow side growth off main vine growing down wire to grow 6" long then pinch tip off every 10-12 days until main vine reaches 10' in each direction.
- (5) Once vines reaches 10' down the wire, keep main vine cut back to 10' and allow growth back to side growth.

WINTER PRUNING OF MUSCADINE VINE



Prune all side growth back to 3-4 buds in late February to early March

- (1) If there is no fork on side growth, prune back to 3-4 buds
- (2) If there is a fork on the side growth, leave 1-2 buds of fork remaining.

Watering Schedule for Young Plants (1-2 years)

April: 6 to 8 gallons of water per week
 May: 8 to 12 gallons of water per week
 June, July & August: 12 to 15 gallons of water per week
 Sept. and Oct.: 8 to 12 gallons of water per week

Ison's Nursery Keys to Success

1. Use Blue X 30" Shelters at planting to increase plant growth and give herbicide protection. Remove in Fall.
2. Install drip irrigation to ensure proper growth and overall health of plant
3. Mound dirt up trunk 12" high during 1st winter leaving dirt banked until April 15th.
4. Use Ison's Nursery "All About Muscadines" by Bill Ison to answer all your questions regarding muscadines.

ISON'S

Nursery & Vineyards

BLUE-X PLANT SHELTERS

U.S. Patent # 5,692,337

The **BLUE** Answer for Stronger, Healthier Vines and Trees

Why Use BLUE-X?

Advantages:

- ❖ Increases plant growth up to 150%
- ❖ Increases stem diameter growth
- ❖ Protects from rodents and rabbits
- ❖ Protects from chemical sprays
- ❖ Protects from the wind

Convenient:

- ❖ Assembles fast
- ❖ Eliminates training to the wire for grapevines
- ❖ Stores flat for shipping
- ❖ Stores flat between seasons
- ❖ Reusable for up to 3 seasons



BLUE-X® Plant Shelters

are constructed with a two piece method. Each shelter is comprised of a blue-tinted PET film sheet and a blue tinted poly sleeve. At the end of the growing season, the poly sleeve is easily removed, releasing the film, to be stored flat for reuse the next season. Replacement sleeves can be purchased separately.

BLUE-X® Plant Shelters

are 30" or 48" tall by 3.5"

30"	\$.90 / unit
48"	\$1.40 / unit

NEW GROWING SUPPLIES AVAILABLE ON PAGE 12 & 13

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See page 13 for details

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