

(800) 733-0324 | www.isons.com | 2017

ISON'S

Nursery & Vineyards

FAMILY OWNED & OPERATED SINCE 1934



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 fruit 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 orchard or vineyard.

As I write this letter there is no doubt this is my favorite time of year, muscadine season. How wonderful this fruit is and what a wonderful opportunity it is to harvest and sell the fruit. Demand for muscadine fruit is at an all-time high, many growers have told me that they have not had to make one sales call, the customers are calling the growers, and that's a good sign indeed. We see this as a trend, as more consumers become aware of the fruit and the health benefits, the demand nationally is going to grow and will need additional fruit to harvest for this demand. I believe now is the most exciting time the muscadine industry has ever seen, and now is a great time to start planting.

Tips to prevent or minimize cold weather damage.

- Fertilize twice a year. Once in April and again after fruit set.
- If there is an over abundant crop remove 12-15 clusters of grapes in early July.
- Irrigate from the spring until the fall if the weather is warm and dry.

** NEW MUSCADINE VARIETY RELEASES **

Dr. Patrick Conner at the University of Georgia has released two new muscadine varieties. His breeding efforts has been focused on larger self-fertile varieties with a higher dry scar percentage and an improved shelf life.

LANE is an early season black self-fertile variety that is 1 1/8" diameter. It is comparable to SUPREME with firmness and shelf life although not as large.

HALL is an early to mid-season bronze self-fertile, also 1 1/8" diameter. It is slightly smaller than FRY. It rarely splits when harvesting the fruit. It has a high dry scar. Both of these new releases will be a great addition to your vineyard.

We have another outstanding inventory of plants this year. We are also very pleased with the quality of the plants that are offered this shipping season. In the muscadine vines we offer the two year old bare-root plants that are 3-4' in length, the 2-year plus which are 4' and longer, and the 2 year potted plants which are shipped in the containers. The 2-year plus are our finest plants, most of them reach or are very close to reaching the top wire at planting.

Take advantage of our fertilizer lines for your fruiting plants and trees. We have specially blended these fertilizers to ensure a healthy start during the spring and summer months. See page 23.

The plant shelters continue to improve muscadine vine growth and herbicide protection. We recommend using them for all new plantings. And our line of muscadine juice, jellies, and supplements will allow you to enjoy muscadine flavors year round. See page 6 and 25.

Drip irrigation will benefit your fruit trees and plants by increasing fruit size, earlier production, and heavier yields. This year we have converted our irrigation fitting from compression lock to power lock which makes it much easier to install the tees, elbows and other fittings. See page 26.

Look for us on Facebook, Google Plus and Pinterest. It's a great way to stay in contact. We post growing tips and maintenance reminders throughout the year. You'll be the first to find out about sales, special offers and information on new muscadine varieties.

From time to time we will add limited offers or new varieties of plants and trees to our website www.isons.com so please visit us there throughout the year.

In closing, thank you for your business and for referring our nursery to your family and friends. We are very proud to be your source for muscadine vines, fruit trees, nut trees, and berry plants.

Take care of yourself and your plants and keep growing!
Greg Ison, Darlene Ison-Evans, Janet Ison and Pamela Ison-Duke

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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 Discover accepted.
Paypal 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 – December Monday-Friday 9:30 a.m. - 4:30 p.m.
Call for Saturday hours
January 2 – March 31 Monday-Friday 9:00 a.m. - 5:00 p.m.
Saturday 9:00 a.m. - 1:00 p.m.
April – July Monday-Friday 9:30 a.m. - 4:00 p.m.
Closed Saturdays

Shipping:

We ship primarily FedEx Ground and Priority Mail.

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

CATALOG PRICING

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

FRESH FRUIT

See the inside back cover for more information.

Find us on Facebook at www.facebook.com/IsonsNurseryGa
Follow our Blog at <http://ilisons.com/blog/>



GUARANTEE

See the inside back cover for more information.

SCAN THE QR CODE

To Sign Up for Ison's Newsletter Delivered to your Inbox

- Growing tips & advice
- Exclusive offers
- Early access to new varieties
- Reminders when to fertilize and prune



*"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*

MUSCADINES

There is nothing more enjoyable than planting and harvesting fruit from muscadine vines. The muscadine is native to the Southeastern U.S. and thrives in our hot and humid growing conditions. The vines can easily be grown organically since they require little or no spraying. They can safely be grown from the coastal side of New York south to Florida, and west to Missouri, Kansas, Oklahoma, and Texas. They also can be grown in parts of New Mexico, Arizona, and the coastal sides of California, Oregon, and Washington state. If you select a female variety you must have a self-fertile variety within 50 feet of any female variety. Muscadines average between 50-60 lbs per female plant and 60-80 lbs per self-fertile plant. A black self-fertile plant can pollinate a bronze female and vice-versa. Muscadines are one of nature's richest sources of polyphenolic antioxidants, the potential health benefits include preliminary evidence for effects against cancer mechanisms, so not only are they fun to grow and eat they also are very healthy for you.

Available Plant Sizes

2 Year Bare-root – The majority of the plants we grow are 2 year bare-root. The average length of these vines are 3-4' with an excellent root system.

2 Year Plus Bare-root – These are the largest and highest quality plants that we offer. They have had exceptional growth, have an excellent root system and average 4-6 foot in length. These vines will be very close to reaching the top wire on your trellis.

Muscadines		
2 Year Bare-root	2 Year Potted	
Qty	Price	Shipped
1-20	\$9.50 ea	\$12.50 ea
21-50	8.75	
Call for volume pricing		2 Year Plus \$12.95 ea

Potted Muscadines Available for Pick-up \$9.75

2 Year Potted – Beautiful two year vines in one gallon containers. This gives the grower the convenience of planting when you're ready and eliminates the guess work of the planting depth. There is a six plant minimum order. You can mix and match varieties. *\$20.00 shipping charge per plant order

PREMIUM FEMALE PATENT VARIETIES



BIG RED

Big Red® – *Reddish Black Female*. 20% sugar. Large fruit, one of the sweetest varieties available. High fruit quality. Beautiful clusters. Edible skin, disease resistant. One of our all time favorites. (Developed at INV Patent #5824) Limited supplies. Available in 2yr, 2yr plus, 2yr potted.



BLACK BEAUTY

Black Beauty® – *Black Female*. 23% sugar. Large fruit with edible skin. One of the best varieties available. Vine is vigorous with large clusters, dry scar. Ripens uniformly. Very cold hardy and disease resistant. Ripens mid to late season. (Developed at INV Patent #7592) Available in 2yr, 2yr plus, 2yr potted.



BLACK FRY

Black Fry® – *Black Female*. 19% sugar. Large fruit, excellent flavor, ripens uniformly, very productive. Early to mid-season. Cold hardy. Edible skin. Disease resistant. Comparable with Fry. (Developed at INV Patent #4056) Available in 2yr, 2yr plus, 2yr potted.



DARLENE

Darlene® – *Bronze Female*. 22% sugar. Best bronze variety. Consistently large. 1 1/4" in diameter, slight pinkish color when fully ripe. Dry scar, melting pulp, excellent quality, edible skin. Disease resistant. Ripens early to mid-season. Available in 2yr, 2yr plus, 2yr potted.



EARLY FRY

Early Fry® – *Bronze Female*. 18% sugar. The earliest ripening muscadine. Ripens 2 weeks earlier than Fry. Ripens uniformly. Large size, excellent quality, edible skin, high yields, cold hardy, disease resistant. (Developed at INV Patent #9225) Available in 2yr, 2yr plus, 2yr potted.



JANET

Janet® – *Bronze Female*. 20% sugar. Large size. The latest ripening of the bronze females. Perhaps the most cold hardy of the female varieties. Edible skin and disease resistant. Excellent quality. Ripens mid to late season (Developed at INV Patent Pending) Available in 2yr, 2yr plus, 2yr potted.



PAM

Pam® – *Bronze Female*. 21% sugar. Heaviest producing and largest clusters of all females. Clusters have up to 12-15 grapes. Harvest in clusters. Dry scar, excellent quality, edible skin. Disease resistant. Ripens early to mid-season. A must for commercial use. (Developed at INV Patent #7707) Available in 2yr, 2yr plus, 2yr potted.

Sugargate® – *Black Female*. 23% sugar. Earliest ripening black variety. Excellent flavor, large fruit. Vine is very vigorous. Does best in clay or sandy loam soils. Ripens early season. Edible skin. Disease resistant. (Developed at INV Patent #5831) Available in 2yr, 2yr plus, 2yr potted.

Supreme® – *Black Female*. 22% sugar. Best of the black varieties. The largest muscadine developed at this time. Very heavy producer with larger clusters and dry scar. Long shelf life, edible skin and disease resistant. Ripens mid to late season. A must for commercial use. (Developed at INV Patent #7267) Available in 2yr, 2yr plus, 2yr potted.

Sweet Jenny® – *Bronze Female*. 23% sugar. Large fruit and a very vigorous vine. Consistent producer, excellent quality and taste. Edible skin. Disease resistant. Ripens early to mid-season. (Developed at INV Patent #7265) Available in 2yr, 2yr plus, 2yr potted.



SWEET JENNY



SUGARGATE



SUPREME



Ison's Custom Muscadine Fertilizer – A 12-10-10 formula perfect for muscadines that is easy to use providing the nutrients needed for strong growth and high yields. **\$9.99**

PREMIUM SELF-FERTILE PATENT VARIETIES

JUST
RELEASED

New Muscadine Varieties



HALL

Hall – *Bronze Self-Fertile*. 18% sugar. New release from UGA. This large fruit is an early ripening variety with a beautiful bright, yellow-golden skin. Vine is vigorous, disease resistant and is a heavy bearer. Fruit is sweet and juicy with excellent flavor. High dry scar percentage.

Lane – *Black Self Fertile*. 19% sugar. Newest release from the UGA. Produces medium to large berries. Ripens early with harvest taking place the first two weeks of August in South Georgia. Berries have a crisp skin and firm pulp which adheres to the skin. Very sweet with 19% sugar. Excellent variety to add to your home vineyard! Ideal for commercial use as well!

New Muscadines
Bareroot: \$10.95
Potted: \$13.50
Plus: \$13.95



LANE



DIXIE RED



FRY SEEDLESS



GRANNY VAL



ISON



LATE FRY



PINEAPPLE

Dixie Red – *Red Self-fertile*. 17% sugar. One of the most productive varieties available. Vine is very vigorous, cold hardy, large clusters and high yields. Good quality. Ripens mid-season. Edible skin, disease resistant. (Patent #4770) Available in 2yr, 2yr plus, 2yr potted.

Fry Seedless® – *Red Self-fertile*, but plant with another self-fertile variety. 18% sugar. Fruit is small, red in color. Very vigorous vine. Fruit yields are erratic. Edible skin, disease resistant. (Developed at INV Patent #7296) Available in 2yr, 2yr plus, 2yr potted.

Granny Val® – *Bronze Self-fertile*. 18% sugar. Large size, heaviest producing variety of muscadines. Excellent quality. Edible skin, disease resistant. May require fruit thinning to prevent over production. Ripens mid to late season. (Developed at INV Patent #5823) Available in 2yr, 2yr plus, 2yr potted.

Ison® – *Black Self-fertile*. 19% sugar. Considered the best black self-fertile variety available. Excellent size, production, taste and quality. Edible skin, disease resistant. Ripens uniformly early to mid-season. Large clusters. Great for all uses. Makes great jelly, juice and wine. (Developed at INV Patent #5822) Available in 2yr, 2yr plus, 2yr potted.

Late Fry® – *Bronze Self-fertile*. 20% sugar. The latest ripening variety available. Large fruit size, very vigorous, high yields. Has improved flavor over Granny Val. Cold hardy, edible skin, disease resistant. Ripens late season. (Developed at INV Patent #9224) Available in 2yr, 2yr plus, 2yr potted.

Pineapple® – *Bronze Self-fertile*. 16% sugar. Very productive with large clusters. Vine is vigorous. Has good quality, disease resistant. Flavor has a hint of pineapple. Mid to late season. May require fruit thinning to prevent over production. (Developed at INV Patent #7266) Available in 2yr, 2yr plus, 2yr potted.

Muscadine Starter Packages

We have created a package that takes the guesswork out of what to order and makes it easy to start your own vineyard. This package offers 2 each of Bronze, Black and Red Muscadines that will allow you to enjoy fruit up to 5 weeks and ensures proper pollination.

Starter Package:

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

*** Now Only***

\$59.95

Regular Price \$73.75

Complete Starter Package:

- * Receive all of the above items
- * 1 Bag (4 lbs) Muscadine Fertilizer
- * 1 Roll 9 Gauge Wire

*** Now Only***

\$89.95

Regular Price \$112.69

Muscadine Planting Instructions

Plants produce best in full sun in well-drained soil. Muscadine grapes require a pH level around 6.5. Plant spacing of 20' in commercial vineyard and 15' in home vineyard with rows 10' apart. Recommend trellis constructed of 6 1/2" post set 2' in ground. Use 9 gauge galvanized wire. Female muscadine vines require pollination by a self-fertile variety. We recommend planting a self-fertile variety within 50 feet of each female. Usually in large plantings we plant 3 rows of females and then 1 row of self-fertile pollinators. This provides ample pollination. On single row plantings you may space your pollinators throughout the row. Plants begin producing fruit 2nd year. Follow chart below for proper fertilization.

Muscadine Fertilization Program

Apply in circle out from plant about 12 inches

1st year:	1/4 lb. of Ison's Custom Muscadine Fertilizer or 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. of Ison's Custom Muscadine Fertilizer or 10-10-10 on April 15th.
4th year:	Apply 3 lbs. of Ison's Custom Muscadine Fertilizer or 10-10-10 on April 15th depending on type of soil and amount of plant growth.

Calcium Nitrate available on Page 6.

STANDARD FEMALE VARIETIES



FRY

Fry – *Bronze Female*. 21% sugar. The standard in muscadine varieties. Large fruit, excellent quality even before fully ripe. Ripens early, mid and late season. Vine is vigorous, cold hardy. Excellent flavor and yields. Edible skin, disease resistant. Available in 2yr, 2yr plus, 2yr potted.



HIGGINS

Higgins – *Bronze Female*. 16% sugar. Vine is very vigorous. Skin is thicker than average muscadine and is edible. Good production and size. Ripens mid to late season. Available in 2yr bare-root only.



HUNT

Hunt – *Black Female*. 17% sugar. Medium size with large clusters. Good quality, disease resistant and cold hardy. Excellent for jams, jelly, juice and wine. Ripens early season. Available in 2yr bare-root only.



JUMBO

Jumbo – *Black Female*. 15% sugar. Large fruit size, vine is vigorous, disease resistant and cold hardy. Must allow fruit to fully ripen to be sweet. Ripens mid-season. Available in 2yr bare-root only.



SCUPPERNONG

Scuppernong – *Bronze Female*. 17% sugar. Good flavor with average size clusters. Vine is vigorous, cold hardy with good quality. Ripens mid-season. Available in 2yr bare-root only.



SUMMIT

Summit – *Red Female*. 20% sugar. Excellent quality with great production. Medium to large size fruit. Edible skin. Consistent producer. Vine is vigorous, dry scar, cold hardy and disease resistant. Ripens early to mid-season. Available in 2yr, 2yr plus, 2yr potted.

STANDARD SELF-FERTILE VARIETIES



CARLOS

Carlos – *Bronze Self-fertile*. 16% sugar. Medium size with good quality. Vine is vigorous with high fruit yields. Cold hardy and disease resistant. Ripens early season. Carlos is the standard for white wine. Available in 2yr, 2yr plus, 2yr potted.



COWART

Cowart – *Black Self-fertile*. 17% sugar. Has excellent flavor. Large clusters, medium size fruit, edible skin. Very productive. Cold hardy, disease resistant. Ripens early season. Available in 2yr, 2yr plus, 2yr potted.



CREEK

Creek – *Black Self-fertile*. Produces sweet purple berries that are higher in acid than most muscadines. Vine vigor and yield are moderately high and ripening season is late. Available in 2yr, 2yr plus, 2yr potted.



MAGNOLIA

Magnolia – *Bronze Self-fertile*. 15% sugar. Medium size fruit with good quality. Very productive. Cold hardy, disease resistant. Excellent white wine variety. Ripens mid-season. Available in 2yr bare-root only.



NOBLE

Noble – *Black Self-fertile*. 16% sugar. Medium size, good quality with large clusters. The standard for making red wine. Very vigorous, high yields, cold hardy. Edible skin, disease resistant. Ripens mid-season. Available in 2yr, 2yr plus, 2yr potted.



SOUTHLAND

Southland – *Black Self-fertile*. 17% sugar. Medium to large fruit with excellent flavor. Vine is vigorous, disease resistant, cold hardy. Excellent for jelly, jams and juice. Ripens mid-season. Available in 2yr bare-root.



TARA

Tara – *Bronze Self-fertile*. 17% sugar. Good size and quality. Disease resistant. Ripens early to mid-season. Ripens uniformly. Excellent bronze pollinator. Excellent for all uses. Available in 2yr and 2yr potted only.



TRIUMPH

Triumph – *Bronze Self-fertile*. 18% sugar. Medium size, cold hardy, good quality with average productions. Dry scar, disease resistant. Ripens early to mid-season. Available in 2yr, 2yr plus, 2yr potted.

Muscadine Growing Zones



ZONES 7-10

MUSCADINE CHART

Ison's Nursery & Vineyard has been growing muscadine vines since the early 1930's. In fact, we have been told that we are the largest grower of muscadine vines in the world. With a strong desire to develop the muscadine market we planted a seedling vineyard in the late 1960's. Our dad Bill Ison and Dr. B.O. Fry began breeding muscadines on our farm in order to improve size, taste and production. They developed and released dozens of new varieties of muscadines and were granted more than 32 patents. The muscadine breeding program still continues in our vineyard today. The premium varieties listed below were developed on our farm and we are proud to say that many of them are considered to be the best for commercial vineyards, u-pick operations, and the back yard hobbyist.

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
Creek ©	Pat	1 1/2	16%	G	G	H	E-M	75%	Self-Fert.	Red	H	JW
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
Hall	Std.	1 1/8	18%	G	G	M-H	E	90%	Self-Fert.	Bronze	H	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
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
Lane	Std.	1 1/8	19%	E	G	M-H	E	90%	Self-Fert.	Black	H	F
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
Noble	Std.	1/2	16%	G	G	M-H	E-M	75%	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
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

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



NOBLE



TARA



ISON



ISON'S FAVORITES

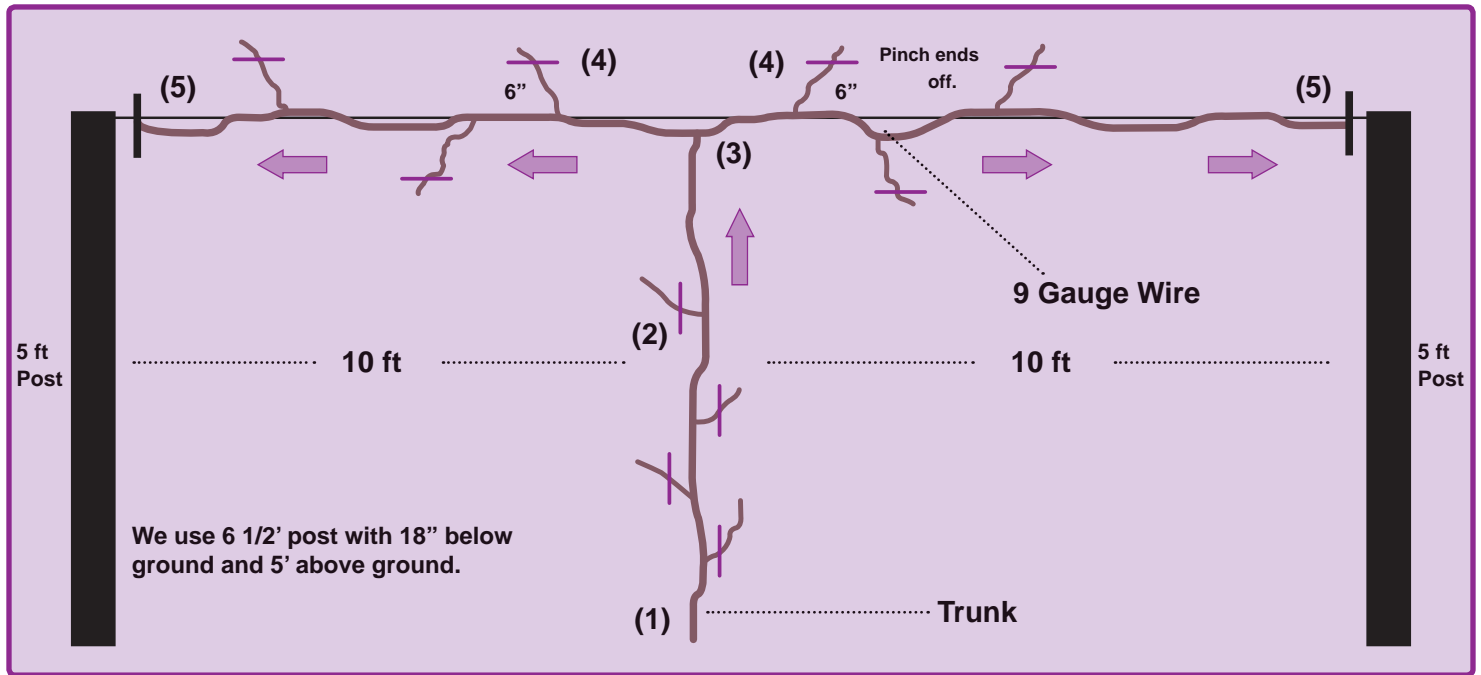
For Wine

Ison - Noble - Tara - Carlos
Dixie Red - Creek

For Jam, Jelly or Preserves

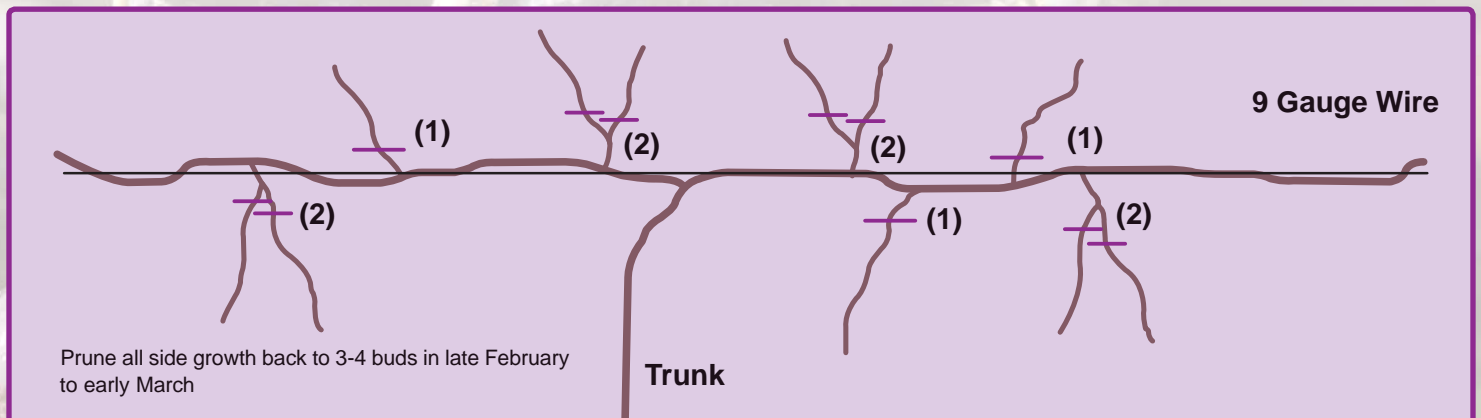
Ison - Sugargate -
Black Fry - Tara

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.

RECOMMENDED PRODUCTS FOR MUSCADINE & BUNCH GRAPES

Harvesting



Picking Bucket w/Harness

18 quart Kidney Shaped Bucket great for picking fruit. We use these in our vineyard and they are ideal for picking muscadines as well as other fruits.

..... **\$39.95**
Replacement Harness Available..... **\$12.95 ea**

Canvas Fruit Picking Sleeve



This white canvas sleeve protective armwear is used to guard your arms while picking fruit and berries, pruning roses, and trimming bushes and trees. Can be worn over other clothing as well **\$10.95**

Shelters/Grow Tubes

JumpStart Vine Grow Tube

1. Side opening for easy application and removal.
2. 3.5" diameter for thick stems and leaf expansion.
3. "Peach" color provides the right shoot elongation, stem thickness and root development.
4. Extra large tab for fast attachment to bamboo or pencil rod.



Size	30"
Each	\$1.65 ea
Bag of 100	\$145.00 ea

Blue-X Plant Shelters

Grapevine plants will produce faster for less.

Use BLUE-X®

Grapevine Shelters to:

- Increase plant growth up to 150%
- Eliminate training the vine to the wire.
- Bring in the first crop up to a year early.
- Increase the yield of that first crop.
- Protect the young vines from the drying and mechanical damage caused by the wind.
- Protect young vines from rodents, rabbits and other herbivores.
- Protect vines from chemical sprays.



Size	30"	48"
Each	\$1.35 ea	\$1.95 ea
Box of 100	NA	1.75 ea
Box of 250	1.10 ea	NA
Replacement Poly Sleeves		
Each	.50	.65

Training/Pruning

Zenport QF2 Classic Professional Pruner

One of the best pruners available. Features easy to grip handle and anvil blade that never needs sharpening. Shock absorber for ease on your hands. Ideal for pruning muscadines, berries and more. Length: 8.5". (Comp. to Felco Mod 2) **\$25.95**



Zenport Z103

Economical choice for professionals. Perfect for harvest and pruning. Die-cast construction. Tough, replaceable blade. Length: 8.5" **\$11.95**

Grapevine Ag Ties

Adjustable 11" green heavy duty plastic that can be used for tying vines to wire on mature plants. **\$0.20**



Tapener Tying Tool



Every grower with 1/4 acre or more needs this for tying vines to wire. Does work of four men, single handedly. Tie plants with the squeeze of your hand. One squeeze stretches the tape between the jaws ready to wrap around the plant stem. A 2nd squeeze staples and cuts it off neatly. Device is then ready to continue tying.

Tapener - Small (Holds 80' Roll of Tape) Red..... **\$59.95**
Tapener - Large (Holds 200' Roll of Tape) Green.... **\$64.95**

	Red	Green
Tape Pricing:	(Small 80' Roll)	(Large 200' Roll)
1-9 each	\$1.95	\$2.25
Pkg of 10	\$15.95	\$19.95
Pkg of 20	\$29.95	\$34.95
Staples - Box of 10,000 (new size box)	\$9.95	
Replacement Blades - 3 per package	\$7.95	

Tapener Tool Holster Belt

Free up your hands with this handy belt perfect for holding all of your tapener supplies. Features a tape dispenser and more **\$19.95**



Miscellaneous

Oat Aluma Boss Labels

All weather tag. Double face surface, will not fade. Write with pen. Eliminate guess work on plants. Nail to post or tie to wire. Ideal for marking pollinators. Box of 50 **\$8.95**
Each **\$0.20**



All About Muscadines...



By Bill Ison. Bill Ison dedicated his life to growing and improving muscadines. Here he shares his knowledge and expertise and covers it all from A to Z. A must have for all growers! Recipes included..... **\$8.95**

Growth, Fungicide, Insecticide

Calcium Nitrate

Provides nitrogen to growing vines and trees. Rate of 1/2 lb per 50' row. Recommend 1/4 lb per plant. 5 lbs..... **\$9.95**



High Yield Captan 50W Fungicide

A wettable powder fungicide specially formulated to mix easily with water to control fungus disease on fruits and ornamentals. 12 oz..... **\$19.95**



Hi-Yield 55% Malathion Insect Spray

Provides excellent control of fleas, aphids, spider mites, lace bugs, adult Japanese beetles and tent caterpillars on fruits and vegetables. 1 qt..... **\$19.99**



Ison's Muscadine Custom Blend Fertilizer

Provides necessary fertilizer requirements to ensure beautiful crops of sweet, juicy muscadines. 4 lbs..... **\$9.99**

Vineyard Maintenance

9 Gauge Wire

Perfect for Muscadines and Bunch Grapes. 10 lb roll (170 feet) **\$26.95**



Grippe 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 Grippe Wire Joiners **\$69.95**

Grippe Wire Joiners



The joiner will save time and effort when joining wires, tensioning or terminating a wire at a strainer post. Wires are simply pushed through joiner in each direction. The one way grip means each wire is firmly held. Made with long lasting alloy casing and stainless steel springs..... **\$2.50**

BUNCH GRAPES

Growing bunch grapes in your home orchard can be very rewarding and fun for the whole family. Use a single wire trellis or add charm to your home with a beautiful grape arbor. A delicious and healthy snack right from the vine. Great for fresh eating, making jams, jellies and wines. Be the envy of your neighborhood with your own vineyard.

Note: Bunch Grapes are self-fruitful and do not require cross-pollination.

Bunch Grapes
2 year

Qty	Price
1-10	\$9.50 ea
11-20	8.75
21-up	7.95



CONCORD



CONCORD SEEDLESS



HIMROD



JUPITER



MARS



NEPTUNE



NIAGARA



RED FLAME

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 – 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.

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 very sweet medium size berries. Resists cracking. Ripens midseason. Zones 5-8.

Niagara – Huge light green seeded grape. A natural offspring of the famous Concord grape. The white version of a Concord. 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. Zones 7-10.

Reliance – Pink Seedless. Medium-large clusters with medium-small berries. Very hardy with 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.



VANESSA



THOMPSON SEEDLESS

WINE VARIETIES

Wine Grapes
2 year
Price
\$11.95

Blanc du Bois – One of the best wine grapes for South. Makes premium white wine. Withstands heat and humidity and is Pierce disease resistant. Vigorous and a favorite among wineries and backyard growers. Ripens mid to late July. Zones 6-10.

Black Spanish – Produces large clusters of small to medium size fruit. Heavy producer. Dates back to the 1800's. Vigorous vine. Resistant to Pierce disease and mildew. Wine made with this variety is similar to a Merlot or Cabernet. Ripens Aug. to Sept. Zones 6-10.

NEW Chambourcin – A late ripening seeded blue grape which produces a high quality rated red wine when fruit fully matures. It requires a long growing season. The large, moderately loose bunches set medium sized berries. Very productive and may require cluster thinning. Zones 4-7.

NEW 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.

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.

NEW BUNCH GRAPES – \$11.95

Hope – White green delicious seedless with very high yields. Vines can produce from 35-50 pounds per vine. Grapes have outstanding fruity flavor and produce tight clusters. Perfect for fresh eating and jellies. Harvest begins around August 19. Zones 5-8.

Joy – A medium size, deep blue seedless table grape that ripens early in the season. Wonderful fruity flavor is sweet, thin skinned and a "Joy" to eat. Clusters are large, compact and uniform ripening. A consistently heavy producer. Ripens mid August. Zones 6-8.

Thomcord – A new seedless variety created from a cross between Thompson Seedless and Concord. Blue-black fruit is mild, sweet and very flavorful. Grapes are plump, juicy and more firm than Concord. Tolerates heat and humidity better than most. Resistant to powdery mildew. Very productive. Ripens late July. Zones 5-9.



BLANC DU BOIS



BLACK SPANISH



CHAMBOURCIN



HOPE



JOY



THOMCORD



CHARDONEL



CYNTHIANA

BERRIES

We offer a large selection of healthy and delicious berries including the hard to find Goji and Elderberries. Berries are among the easiest fruits to grow and require minimal space. We recommend planting a variety of berries so that you have fruit all summer long. It's just not summertime until you have had a fresh blueberry or blackberry cobbler and a delicious strawberry pie. Continue the tradition of making jams and jellies for the coming year. The entire family will enjoy growing fresh berries and it will create memories that everyone will cherish.

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 Ison's Blackberry Fertilizer or 10-10-10. Trailing varieties need spacing of 8-10 feet between plants and trellised. More instructions with order. Bears in 2 years. Fruit yield: 2-4 qts. per vine. Ripens June-July.

Blackberries

Qty	Price
1-25	\$4.95 ea
26-50	4.50
51-up	3.95

Potted Blackberries

Available for Pick-up

\$6.50



KIOWA



NATCHEZ



NAVAHO

Navaho – Thornless berry that is late ripening (mid-June). Quality is equal to Cheyenne and Shawnee. Best overall variety. Withstands temperatures to (-9) degrees. Highly recommended. Patent #6679. Zones 6-10.

Osage – This is the 13th release from Univ. of Arkansas. Beautiful berries that ripen 5 days after Natchez around June 10. Excellent flavor and yield and excellent storage. Zones 5-9.

Ouachita – Large, upright thornless berry. Produces very high fruit yields over a five week period. Ripens mid-season between Arapaho and Navaho. Patent #17162. Zones 5-9.

NEW Prime Ark Freedom – Thornless. For floriculture fruiting, it has very large fruits, larger than Natchez, with excellent flavor. It also ripens exceptionally early, 9-11 days earlier than Natchez. Freedom is a great choice for local home gardens. Zones 6-9.



OSAGE



OUACHITA



PRIME ARK FREEDOM

UPRIGHT (ERECT) VARIETIES



APACHE

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

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.

Darrow – Exceptionally large, thorny, tasty sugar sweet berry that just keeps coming on. Very winter hardy. Ripens early over a longer period of time. Grower's favorite. True blackberry flavor. Zones 5-10.



CHICKASAW

Kiowa – Thorny with extremely large berries. The best quality and best firmness of all varieties. A favorite for home gardens. Long harvest season of six weeks. Heavy producer. Patent #9861. Zones 5-9.

Natchez – Thornless, newest release from Univ. of Ark. (Patent Pending) Very large berry that produces huge crops. Ripens before Apache and Ouachita. Patent #20891. Zones 4-9.



DARROW

TRAILING VARIETIES



CHESTER

Chester – Most hardy thornless variety. Bears large, firm, sweet fruit in July. Disease resistant. Canes grow 10'. Fruit does not lose flavor or soften. Zones 5-9.

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



TRIPLE CROWN

JOSTABERRY



Jostaberry – A cross between black currant and gooseberry producing flavorful sweet and satisfying berries with pleasant after-taste. Produces very healthy and abundant fruit starting early July usually the second year. The Berries show off the best traits of both parents with glossy round, firm, plump berries and just loaded with juice filled with Vitamin C. No pruning required on this upright bush. Plant 5' apart. Mature height 4-6 ft. Zones 3-8.

Jostaberry

Price Box:

\$9.95



RASPBERRIES



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.

Raspberries

Qty	Price
1-25	\$4.95 ea
26-50	4.50
51-up	3.95

ANNE



Caroline Red – Produces heavy crops of large raspberries. Excellent flavor. Ripens June and September. The further south you grow it the earlier it ripens. Very vigorous and more tolerant of root rot than Heritage. Self-pollinating. Zones 5-8.

CAROLINE RED



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.

CUMBERLAND BLACK

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

Heritage – Best upright ever-bearing large red raspberry on the market. Berries are firm, extremely attractive and ripen late. Disease resistant. Late season. Zones 4-9.

Jewel – Largest and most popular black raspberry variety. It produces excellent yields of superb quality berries. The fruit is glossy black and very large in size, and has a rich raspberry flavor. It is an excellent choice for use in jams and jellies. Jewel is winter hardy and a very reliable choice. Zones 5-8.

Nantahala – New release from NC State. Upright thorny variety with dark red berries longer and wider than Heritage. Seeds are small. Berries ripen very late helping extend fruit season and avoid sun scald and heat damage. Zones 5-9.

DORMA RED



HERITAGE



JEWEL



NANTAHALA

BLUEBERRIES - SOUTHERN Highbush

Southern Highbush Blueberries are low chill varieties that produce large berries and ripen earlier than Rabbit-eye varieties. These bushes do not grow as tall and are ideal for home gardens. Varieties are heat and drought tolerant.

NEW Farthing – Very large berries that you can harvest over a six week period. Ripens a week prior to Star. Very vigorous but not a tall growing plant. Produces dark blue sweet berries with excellent flavor. Zones 7-10.

NEW Star – Very large fruit with excellent firmness and sweet flavor. Produces early season. Blooms over a long period of time which makes it an ideal pollinator for other varieties. Mature plant grows 6-10' tall. Zones 7-9.



FARTHING



STAR

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. Blueberries are rich in antioxidants. Ripens June-July. Bears in 2 years. Fruit yield: 3-8 qts. per vine. 400-650 chill hours.

Blueberries 2 year

Qty	Price
1-10	\$9.50 ea
11-25	8.95
26-up	7.95

Call for volume pricing
Potted Blueberries
\$9.95 pick up



BRIGHTWELL



CLIMAX



OCHLOCKONEE

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 – Early ripening large sweet berry. Grows upright and open. Vigorous growing bush with long ripening season. Gets 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.

Ochlockonee – Late season. Sweet dark blue fruit. A heavy bearer that blooms late protecting your harvest from late freezes. Ripens late June-July. 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.

Vernon – Early season. Large, sweet, firm fruit with great color. Blooms late but ripens early making it a good choice for areas subject to late frosts. Plants are vigorous and very productive. Ripens late May to early June just before Climax and Premier. Zones 6-9.



POWDERBLUE



PREMIER



VERNON



NEW Titan™ – Produces HUGE Berries, many are as large as a quarter! In fact, it is larger than any rabbiteye released to date. Titan™ berry color and flavor are excellent, with a very good shelf life. Recommended as a commercial, homeowner, and pick-your-own variety. 500-550 chill hours. Limited quantity **\$12.95**

ELDERBERRIES



ADAMS

Adams – A popular intensely flavored fruit with rich aroma. Ripens late August. Extremely hardy. Produces soft, dark purple berries that make the best jams and wine. Ready for picking in August. Zones 4-9.

Sold in Pairs Only \$12.95 pair
(1 Adams, 1 John)

John – Produces huge clusters of large, sweet, purplish-black berries great for jams and wines. Hardy 6-10' shrub. Ripens 14 days later than Adams in mid-August. Zones 3-9.



JOHN

STRAWBERRY PLUGS

Plant in the fall and start picking sweet, large, juicy berries in Spring! Many benefits to planting plugs. Ideal for both commercial and home gardener. **NOTE: Shipped in Trays of 50 and only ships October 1 - October 31.**



Advantages of Strawberry Plugs

- Shipping northern states Sept. and southern states Oct.
- Less plant loss – only 1%.
- Have intact root ball.
- Plant in fall, pick in Spring.

VARIETIES AVAILABLE:
CHANDLER SWEET CHARLIE

Plant Plugs

Qty	Price
50	\$36.95
100	68.95
500	295.00
1000	495.00

CURRANTS

Easy crop to grow and packed full of healthy benefits. Plant 6' apart. Fruits 2nd year. Zones 3-8.

Currants
Size: 2' \$10.95 ea

Crandall Black – Most ornamental and sweetest of all black currants. Grown for beauty and fruit. Spring trumpet shaped flowers are clove scented. Enjoy fruit fresh or use in your favorite recipes. Ripens mid-summer. Very fast growing and attracts butterflies.

Red Lake – Compact, rounded shrub that can grow to 5' tall with an equal spread. Fruit is deliciously tart. Easy to harvest. Use currants for pies, preserves, wine or freeze for later use.

White Imperial – Same size as Red Lake. Produces white translucent fruit with pink blush. Richest and sweetest flavor of all currants. Very disease resistant.



CRANDALL
BLACK



RED LAKE



WHITE
IMPERIAL

BAREROOT STRAWBERRIES

Strawberries are the most popular small fruit grown in home gardens. Few things bring back summer memories like the smell and taste of a fresh and juicy strawberry. They are easy to grow, and they can fit within small spaces or fill huge garden plots.

Bareroot

Qty	Price
25	\$14.50
50	26.00
100	45.00
500	190.00
1000	320.00



CARDINAL

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.

Eversweet – Sweet everbearer with long large cone-shaped fruit and delicious flavor. Produces all summer through the heat (100 degrees F) and into the fall. Ripens each summer and continues to fruit into fall. Zones 5-10.

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.



CHANDLER

Sweet Charlie – Large, sweet and vibrant red berry. Taste like they have sugar on them fresh from the field. Performs excellent in heat and humidity. Bears early in the season, 7-10 days before Chandler. Hardy in Zones 5-9.



EVERSWEET



OZARK
BEAUTY



SWEET
CHARLIE

GOJI BERRY

Grows 8-10' in full sun to partial shade. Star-shaped blooms in shades of white, lilac and purple will appear in early summer. Fruit ripens in July and fruits until heavy frost. Disease, pest and drought resistant. Easy to grow.

Goji Berry (Chinese Berry)
Size: 2 yr. \$17.95 ea



Considered a **superfood!** Berries are extremely healthy. Bright orange-red, 1/2- to 1" berries have a slightly sweet, mildly tangy flavor. Can be eaten fresh or made into juice or wine. Ripens late summer through fall. Bear in 1-2 years. Self-fruitful. Zones 5-9.

SPECIALTY BERRIES

Boysenberry – A cross between a raspberry and a loganberry. Matures early. Sweet 2-1/2" fruit ripens in June. Dark purple with excellent flavor. Zones 5-10.

Other Berries
\$6.50 ea

Dewberry – Like blackberry but canes lay more on ground and easier to work on fence. Prune and train same as blackberries. Fruit very good. Fruit yields: 2-4 qts. Zones 5-10.

Gooseberry – Light green berries turn pink when ripe. Fruit is juicy and tart if not fully ripe. Great for pies and preserves. Bush great as ornamental with glossy leaves that turn purple in fall. Grows 4-6' tall and can be used as hedge. Ripens late May. Zones 3-8.

Loganberry – Prized for its rich and delicious flavor, this unique cross of blackberries and red raspberries is thornless and easy to grow. Produces long, flavorful, tasty dark berries that are good for fresh eating, juicing and cooking. Berries are sweetest when allowed to ripen on the bush. Heat-tolerant. Ripens in June. Zones 6-10.

Marionberry – A cross between wild blackberries and boysenberries, these delectable sweet-tart berries have the taste of wild blackberries and the color and large size of its Boysenberry parent. This is a prized fruit in the northwest. Plant has a trailing growth habit. Fruit is high in vitamins, antioxidants. Ripens in late July. Zones 6-9.

Tayberry – A cross between a blackberry and red raspberry with very sweet large aromatic fruit. Fruit is a beautiful purple and can be eaten fresh or cooked into jams, jellies and more. Fruit ripens early July through mid-August. Zones 7-10.



BOYSENBERRY



DEWBERRY



GOOSEBERRY



LOGANBERRY



MARIONBERRY



TAYBERRY

APPLES

Apples are a wonderful fruit and have long been an American favorite snack that is very nutritious and low in calories. Red Delicious, Golden Delicious, Granny Smith, Gala and Fuji are the five most commonly consumed apples in the U.S. After enjoying the delights of your own home grown apples, the fruit you purchase in the supermarkets will be a disappointment.

APPLE TREES

Requires rich, fertile, loamy soil with good drainage. Ph best 6.0 to 6.5 but can grow in 5.5 to 8.5. Full sun. Apples need cross-pollinating to ensure good crop. For correct pollination, order varieties with same pollination code. Plant 25-30' apart. Bears in 3-4 years. Fruit yield: 10-30 bushels depending on age and size. Our Apple Trees are semi-dwarf and are on M111 root-stock.

Apples 2 year
Size: 4-5' rancher
 1/2" Caliper
Price
 \$23.95 ea
Instant Orchard 6-7'
 1" Caliper \$58.95



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. Pollination Code A.



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. Pollination Code C. **Available in Instant Orchard.**



DORSETT

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. Pollination Code A.



FUJI

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 chill hours. Zones 5-9. Pollination Code B. **Available in Instant Orchard.**



GALA

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. Pollination Code B. **Available in Instant Orchard.**



GRANNY SMITH

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. Pollination Code B. **Available in Instant Orchard.**

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. Pollination Code B.



Honeycrisp™ (PAT.#7197) – Very popular due to explosive crisp texture and well-balanced sweet/tart flavor. Texture is similar to watermelon. Fun to eat! Very large fruit size with red skin over yellow background. 800 chill hours. Zones 4-8. Pollination Code C. **Available in Instant Orchard\$24.50**



Pink Lady® (PAT.#7880) – Blushing pink skin over green large apple. Snappy tartness with crisp, sweet flavor. Harvest late September. Flesh resists browning when cut. Great for fresh eating. Long storage life. 400 chill hours. Zones 6-9. Pollination Code B. **Available in Instant Orchard\$24.50**



MUTSU



RED DELICIOUS

NEW Mutsu – Large to very large. Round, green skin with orange blush. Flesh is white, coarse, firm crisp and juicy. A consistent taste test winner. Needs pollinator. Ripens late Oct. 500 chill hours. Zones 5-9. Pollination Code B.

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. Pollination Code B.

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. Pollination Code C. **Available in Instant Orchard.**



STAYMAN WINESAP

NEW Sundowner – Excellent medium-sized fruit with a very firm, crisp texture and superb flavor. A warm-climate apple with low-chill hour needs. Tolerates winters where temperatures are rarely below freezing. Matures very late, 2 weeks after Granny Smith. 200-300 chill hours. Zones 6-10.



SUNDOWNER

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. Pollination Code B.



YATES

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. Pollination Code C. **Available in Instant Orchard.**



YELLOW DELICIOUS

CRABAPPLES • PEARS

COLUMNAR APPLES



GOLDEN SENTINEL

A truly unique way to grow apples. Can be grown in your yard or on your patio or deck. Easy to keep 8' tall or less.

They form a care-free compact columnar tree loaded with snow white blossoms and then large attractive fruit. Bear delicious fruit along the trunk. Often bears the year after planting. Zones 4-9.

Columnar Apples
Size: 2-3' \$24.95



SCARLET SENTINEL

Golden Sentinel – Enjoy striking pillars of snow-white flowers in spring followed by good crops of large, golden-yellow fruit. Sweet, delicious and firm. Great for fresh eating, cider or baking. Pollinate with Scarlet Sentinel.

Scarlet Sentinel – Dense clusters of bright white flowers followed by abundant, very large, greenish-yellow fruit with an attractive red blush. Very juicy and sweet. Most compact variety. Pollinate with Golden Sentinel.

CRABAPPLE TREES



CALLAWAY

A great addition to any yard, crabapples bear very heavy crops of sweet-tart apples that can be made into great cider and delicious jelly and baked goods. They are covered in profuse, snow white blossoms in Spring and then bright red fruit in early Fall. Very hardy and a great choice for home gardeners.

Crabapples 2 year
Size: 4-5' Branched
1/2" Caliper
Price
\$23.95 ea
Instant Orchard 6-7'
1" Caliper \$58.95



HOPLA

Callaway – Favored white-flowered tree for gardens. Pink bud welcomes beautiful white flowers. Large red fruit 1-1/4". Crisp, yellow flesh is mildly tart. Great for fresh eating and jelly. Grows 15-20'. Very disease resistant. 600 chill hours. Zones 4-9.

Hopla – A beautiful flowering tree that blooms with rose-pink flowers that later turn into edible 1" fruit. Fruit is ideal for jelly. This variety is very hardy and grows up to 25' tall. 600 chill hours. Zones 3-9.



TRANSCENDENT

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. **Available in Instant Orchard.**

ASIAN PEAR TREES

Asian Pears are a wonderful tree to grow. The tree produces clusters of white scented flowers in the spring. The fruit taste is very crispy and tastes like a cross between an apple and pear. Great for fresh eating right off the tree. Choose two different varieties for cross-pollination. Bears in 2-3 years. Grows in Zones 6-9 and all varieties require 400-500 chill hours.

Asian Pears 2 year
Size: 4-5' \$23.95 ea
1/2" Caliper
Instant Orchard 6-7'
1" Caliper \$58.95

20th Century – A favorite variety. Fruit is delicious, firm, crisp and extremely juicy with yellow-green skin. Ripens late July through mid-August. **Available in Instant Orchard.**

STANDARD PEAR TREES

Pears are one of the oldest fruits in the world. The fruit is juicy and sweet with a soft, buttery, somewhat grainy texture. The cream flesh of pears was once referred to as the "gift of the gods." Pears also promote cardiovascular and colon health. Plant two different varieties for cross-pollination.

Pears 2 year
Size: 4-5' Branched
1/2" Caliper
Price
\$23.95 ea.
Instant Orchard 6-7'
1" Caliper \$58.95

Bartlett – #1 pear in the world. 75% of all U.S. pears. Large, golden yellow fruit blushed with brownish red. Smooth, juicy, white flesh. Good for fresh eating and preserves. Ripens mid-August. 800 chill hours. Zones 5-8. **Available in Instant Orchard.**

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. **Available in Instant Orchard.**

Moonglow – Medium-large dull yellow fruit with pink blush. Excellent for fresh eating or canning. Mildly juicy, soft, white flesh. Ripens from early August to mid-September depending on location. Requires pollination. 700 chill hours. Zones 5-8.

NEW Monterey – Large, apple shaped with a yellow-green skin. They have a sweet, mild-flavored flesh. Vigorous, upright tree. 100-200 chill hours. Zones 6-9.

Orient – Large, firm fruit. Known for its intense beauty. Thick skin. Flesh is juicy, melting and creamy with good texture and excellent flavor. Blight resistant. 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.

Seckel (Sugar) – Medium yellow russeted skin with exceptional flavor. Fruit is smooth, sweet and juicy. Distinctive, spicy, rich, aromatic flavor. Referred to as "sweet as sugar." Self-fertile but heavier crop with pollinator. Ripens late Sept. 500 chill hours. Zones 5-8. **Available in Instant Orchard.**



BARTLETT



KIEFFER



MONTERREY



MOONGLOW



ORIENT



PINEAPPLE



SECKEL (SUGAR)



20TH CENTURY



KOREAN GIANT



SHINKO

NEW Korean Giant – Produces very large golden-brown fruit that weighs up to a pound or more. Excellent, crisp flavor. Juicy flesh with a high sugar content. Cold-tolerant. Ripens late October-November. Zones 5-9.

Shinko – Excellent fruit with brownish-green skin. Flavor is rich and sweet in taste. Ripens mid-August - mid-September. **Available in Instant Orchard.**

PLUMS • PLUMCOTS • APRICOTS

PLUM TREES

There are few fruits that come in such a selection of colors as the juicy sweet plums. Plum season extends from May – October with the Japanese varieties first on the market with European plums in the fall. They are relatively disease free and make a nice addition to any backyard. Requires planting two different varieties for cross-pollination.

Plums 2 year
Size: 4-5' Branched
 1/2" Caliper
Price
 \$23.95 ea
Instant Orchard 6-7'
 1" Caliper \$58.95



AU RUBRUM

AU Rubrum – Large, sweet and juicy with dark red skin over a deep red flesh. Excellent for canning or fresh eating. Partially self-fertile, but bears better with a true pollinator. 650 chill hours. Zones 5-9.

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

Bruce – Very large, bright wine red skin over sweet yellow flesh. Bears early and is long lived. Requires a pollinator. 650 chill hours. Zones 5-9.

Burbank – Large purplish red fruit. Sweet amber yellow clingstone flesh. Great for eating and canning. Bears early and sets heavy. Ripens early-mid July. 400 chill hours. Zones 5-9.



BRUCE

Burgundy – Medium plum with reddish purple skin. Flesh is deep red and sweet. Small pit. Self-fruitful. Ripens early July. 250-350 chill hours. Zones 5-9.

NEW Golden Nectar – Extra large, fantastic plum. Skin is golden yellow with a tender texture. Flesh is amber, firm with a superb flavor. Very small pit. Blue ribbon winner at many fairs. Requires pollinator. Ripens evenly in late July. 500 chill hours. Zones 5-9.



BURBANK

Methley – Pollinator. Large fruit with purplish skin and amber flesh. Juicy flesh with excellent flavor. Heavy crops. Ripens early June. 250 chill hours. Zones 5-9. **Available in Instant Orchard.**

NEW Morris – Large, red to purple fruit. Flesh is red to the pit. Excellent quality. Great for cooking or fresh eating. Ripens early. 650 chill hours. Zones 5-9.



BURGUNDY

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.

NEW Persian Green Plum (Goje Sabz) – Small to medium tart plum picked when fruit is small and green with a dark yellow flesh. Eaten while sour and crunchy, often seasoned with salt. Can also be left on the tree to ripen as small, soft, sweet and juicy plums. Ripens late April-May. 350-400 chill hours. Zones 6-9.



GOLDEN NECTAR

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. **Available in Instant Orchard.**



PERSIAN GREEN



METHLEY



MORRIS



OZARK PREMIER



SANTA ROSA

PLUMCOTS

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.

PlumCots 2 year
Size: 4-5' Branched
 1/2" Caliper
 \$23.95 ea



PLUMCOT

APRICOT TREES

Apricots are an excellent choice for your backyard. They start bearing fruit in the third or fourth year and you can expect three to four bushels of fruit from a standard-sized tree. Besides fresh eating, apricots make excellent jams and preserves. Apricot flowers are also beautiful and will give a touch of pink and white to your garden.

Apricots 2 year
Size: 4-5' Branched
Price
 \$23.95 ea



BLENHHEIM

NEW Blenheim – Produces large, very juicy orange fruit with red dots. Sweet aromatic flavor sets the standard for apricots. Excellent for fresh eating, canning and drying. Ripens mid-season. Self-fertile. 500 chill hours. Zones 4-8.



MOORPARK

Moorpark – Very large fruit. Deep yellow with an orange red blush. Juicy, sweet, deep orange flesh. Excellent quality. Good for fresh eating, canning and drying. Has beautiful showy, pinkish white blossoms in spring. Long ripening period extends from early July to late August. Self-fertile. 600-700 chill hours. Zones 4-8.



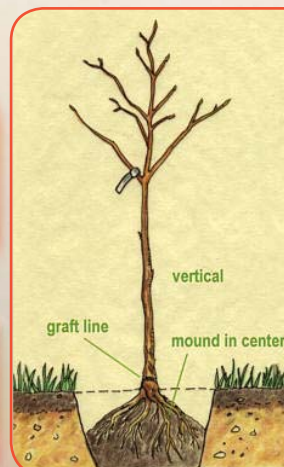
ROYALTY

Royalty – Extra large, oval-elongated. Yellow skin with orange cheek. Pale orange, firm, juicy flesh. Produces at a very early age. An outstanding hardy, large, self-fertile, early apricot. Ripens early June. 700 chill hours. Zones 4-8.

NEW Shiro-Kaga (White Shingle) – 3/4-1" in diameter. Beautiful single white flowers with a spicy fragrance. Great for canning, drying, pickling and juice. Good for areas with a mild winter. Ripens mid-May. 300 chill hours. Zones 7-9.



SHIRO-KAGA



PLANTING YOUR FRUIT TREE

- **Dig the hole.** Go down about 18" and with a pitchfork, fork the bottom and sides of the hole to loosen the soil.
- **Put some dirt back in the hole,** leaving a mound in the center.
- **Set tree in hole** with the roots on top of the mound. The graft line of the tree should be about 3" above the ground. Adjust the height of the mound if necessary.
- **Spread the roots** evenly in all directions.
- **Fill hole** with soil and firm gently with your foot. Check that the tree is vertical. Be sure to "overfill" the hole so the soil is an inch or two above the ground level. The soil will compress when watered and settle to ground level.
- **Stake if necessary.** Tie the tree to stake with a rubber tie or piece of cloth.

PEACHES • NECTARINES

PEACH TREES

There is nothing better than picking and eating a fresh peach. The sign that summer has arrived is when the peach trees are loaded down with this mouth-watering fruit. The peach is categorized by either freestone or cling style, the freestone seed comes out easily where the cling style clings to the inside of the peach. The peach is widely grown across the United States and is one of the best fruits to ripen from May-September. Note: Cross-pollination is not required with Peaches and Nectarines.

Peaches 2 year
Size: 4-5' Branched
 1/2" Caliper \$23.95
Instant Orchard 6-7'
 1" Caliper \$58.95



BELL OF GEORGIA

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. **Available in Instant Orchard.**



DIXIELAND

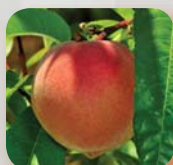
Dixieland – Very large, yellow flesh, freestone peach. A favorite that grows great throughout the southeastern U.S. and the cooler areas of the Gulf Coast. Sweet and very juicy. Ripens 3 days prior to Elberta. 750 chill hours. Zones 5-8.



EARLY GRANDE

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. **Available in Instant Orchard.**

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 55 days before Elberta. 275 chill hours. Zones 5-9.



FLORIDA CREST

Florida Crest – A very flavorful medium size peach. It is an ideal peach for the deep south with low chill hour requirements. An early variety that ripens approximately 47 days before Elberta. 400 chill hours. Zones 6-10.

Florida King – Large yellow fleshed peach with bright red skin. A heavy bearer with a low chill requirement making it an excellent choice for growers in the deep South. Fruit is firm and very sweet. Clingstone. Ripens 57 days before Elberta. 400 chill hours. Zones 6-9.

Harvester – Excellent peach with beautiful pink and white blooms and fragrant flowers. One of the highest yielding peach trees available. Produces throughout the summer. Fruit is very juicy and excellent for eating right off the tree. Also great for freezing or canning. 750 chill hours. Ripens 21 days before Elberta. Zones 5-9.

NEW Loring – Taste test winner. Superb large yellow freestone. Excellent flavor and texture, low acid. Harvests over 2-3 week period, mid-late July. Requires little or no thinning. Excellent for home orchard. 750-800 chill hours. Zones 5-8.

Majestic – One of the largest peaches you can grow. Very juicy and full of flavor. One peach is enough to be an entire snack! Naturally resistant to disease. Produces more fruit than your average fruit tree. An excellent variety to add to your orchard. 800 chill hours. Zones 5-10.

Red Globe – A beautiful peach, very large, freestone, firm and is mostly red blushed. Its flavor is wonderfully sweet. Excellent for fresh eating, ice cream, canning, freezing and cooking. Crops are consistent. Ripens 13 days before Elberta. 800 chill hours. Zones 5-8.

Red Haven – Great all purpose peach with medium sized red fruit. Low maintenance and easy to grow! Blooms late. Ripens late July. Self-pollinating. 800 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. **Available in Instant Orchard.**



FLORIDA KING



HARVESTER



LORING



MAJESTIC

Sure Prince – Wonderful large peach with bright red skin over a creamy yellow flesh. This peach is great for fresh eating and baking. Ripens 35 days prior to Elberta. 900 chill hours. Zones 4-8.



RED GLOBE



RED HAVEN



REDSKIN

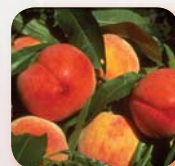


SURE PRINCE

DWARF PATIO PEACHES

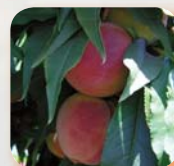
These rare and unique plants will add a "Wow" to your patio. Only 4-6' tall. Perfect for containers. These beautiful trees will astound you with full double pink blooms in the spring, followed by deep red leaves that stay the summer. Produces delicious edible peaches.

Patio Peaches
 1/2" Caliper \$23.95



BONANZA

NEW Bonanza – Medium to large fruit. Yellow skin with red blush. Yellow fleshed freestone. Ripens mid-late June. Mature height: 5-6'. 450 chill hours. Zones 5-9.



SOUTHERN FLAME

NEW Southern Flame – Large, yellow skin overspread with red. Firm, crisp, melting, yellow flesh. Freestone. Great aroma. Ripens early-mid July. Mature height: 5'. 400 chill hours. Zones 5-9.

NECTARINE TREES

Nectarines, like peaches, are a fast growing tree that produces early. A mature nectarine tree will rarely get over 10-12' tall. Nectarines are sweet just like peaches but without the fuzz on the skin. It is truly a delicious fruit with meat more similar to a plum.

Nectarines 2 year
Size: 4-5' Branched
 1/2" Caliper \$23.95
Instant Orchard 6-7'
 1" Caliper \$58.95

Karla Rose – White flesh, freestone with deep red skin. Fruit is large, sweet and juicy. Cold hardy and tolerates late frosts. Ripens late June. 600 chill hours. Zones 5-8.

Sunglo – Large smooth skinned, high quality fruit has bright red skin with a yellow blush. Flesh is sweet, firm and very juicy. Has long shelf life which makes it excellent for packing, shipping and roadside markets. Ripens early August. 800 chill hours. Zones 5-8.



KARLA ROSE

Sure Crop – Large, bright red fruit with thin, smooth skin over white flesh that is sweet, juicy and mellow. A consistent producer of high quality fruit. Ripens late July. 400 Chill hours. Zones 5-9.



SUNGLO



SURE CROP

FIGS • CHERRIES

FIG TREES

Figs are one of the easiest fruit trees to grow. Also a great choice for growing organically. Fresh figs taste so much better than the familiar dried product. They can be grown as a bush or tree. Self-pollinating.

Black Mission – A favorite with medium to large size fruit. Heavy bearer that originated in Spain. Produces sweet, pear-shaped fruit that has purplish-black skin with strawberry-colored flesh and a rich flavor. Many experts consider the Black Mission Fig Tree to be the best all-around variety for United States. Great for jellies, jams and healthy on-the-go snacking. Ripens Summer to Fall, 100 chill hours. Zones 7-10. **Available in Instant Orchard.**



BLACK MISSION

Brown Turkey – An old variety that is still one of the best eating figs. A very heavy producer of medium to large bell shaped figs. Skin is purplish-brown with amber color flesh. Flesh is very sweet and tender and great to eat right off the tree. It is a heavy bearer that ripens in middle of season up until late. Often bears 2 crops per year. 100 chill hours. Zones 6-9. **Available in Instant Orchard.**



BROWN TURKEY

Celeste – The very sweet flesh has a rich, honey flavor and has often been called the “sugar fig.” Produces medium sized figs even in unfavorable weather. Skin is brownish color with rose flesh. Very widely planted variety. The most cold hardy variety available. An excellent variety for fig preserves and dried fruit. 100 chill hours. Zones 6-10. **Available in Instant Orchard.**

LSU Purple – Excellent red to dark fig with superb flavor and high sugar content. Very vigorous upright grower. One of the most hardy figs. Five year old trees can produce 3 distinct crops. Fruit is 2 to 2½” in size. 200 chill hours. Zones 7-9.

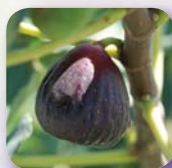
Texas Everbearing – Produces large brownish to purple fruit that is high quality with amber flesh. Excellent for preserves. Fruits continuously for a 60-70 day period from early in the season to the end of summer. Produces light first crop followed by heavy second crop. Zones 7-10.



CELESTE



LSU PURPLE



TEXAS EVERBEARING

Figs 2 year	
Size	Price
2-3'	\$16.95 ea
3-4'	21.95
Instant Orchard 6-7'	
1" Caliper	\$58.95

SWEET CHERRY

Cherry trees are one of the first stone fruits to ripen, so when you see them in the supermarket you know summer has arrived. Sweet Cherries are the ones you eat fresh from your tree. They also grow larger in size compared to tart cherries. Sweet cherries are more dark red to black. The darker the cherry, the sweeter the taste. They can grow 20-30' tall. Sweet cherries do need to be pollinated with another sweet cherry.

Cherries 2 year	
Size	Price
4-5'	\$23.95 ea
1/2" Caliper	
Instant Orchard 6-7'	
1" Caliper	\$58.95

Bada Bing – Large, Bing-like Cherry. Dark red skin, purplish red flesh is firm and sweet. This self-fertile variety is resistant to cracking and serves as a good pollinator for other sweet cherries. Ripens late June, 1-2 weeks after Bing. 800 chill hours. Zones 4-8.



BADA BING

Bing – This cherry is one of the most popular varieties. Bing is also used as the standard for quality because of it's very firm, sweet and large fruit. Great for fresh eating. Recommend pollinating with Black Tartarian or Stella. Ripens early to midseason. 900 chill hours. Zones 4-8b.



BING

Black Tartarian – This cherry has a very rich sweet flavor. It is juicy and has a blackish red color. Excellent for back yard growers. Ripens early. Bears at an early age. Pollinate with Stella or Rainer, 900 chill hours. Zones 4-8. **Available in Instant Orchard.**

Rainier – Known as the “white cherry” because they have a white, cream flesh and the skin is yellowish-red blush once they are ripe. This is one of the sweetest cherries and can be enjoyed as a dessert all by themselves. Fruit is firm and has a distinct flavor. It is an early bearer and very productive. Pollinate with another sweet cherry. 700 chill hours. Zones 5-9.

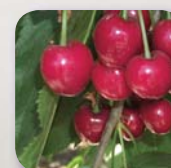
Stella – This variety produces a huge crop of cherries without a pollinator. Fruit is large, heart-shaped with a dark red color. Cherries have a sweet, juicy flesh. Tree is very vigorous. Ideal pollinator for other sweet cherries. Ideal for home orchards. 700 chill hours. Zones 5-8. **Available in Instant Orchard.**



BLACK TARTARIAN



RAINIER



STELLA

RECOMMENDED GROWING AIDES

Bonide Fruit Tree Spray – Controls both insects and diseases on Fruit trees, Flowers, Evergreens and Strawberries. 1 qt. - \$23.95



Hi-Yield Pecan and Fruit Tree Fertilizer – Supplies Nutrients for Pecans and Fruit Trees. Aids in the production and maturing of fruit trees. Promotes fast growth and plant strength..... 4 lbs. - \$9.99

Mycorrhizal Fungi – PHC Tree Saver – Reduces transplant stress on fruit/nut trees while improving soil fertility. Apply to root zone at planting. Apply 1 oz. per tree.
1 (3 oz. packet) - \$6.95
3 (3 oz. packet) - \$19.95
10 (3 oz. packet) - \$64.95



TART CHERRY

Tart cherries, also known as sour or pie cherries, are best known as the key ingredient in desserts. Tart cherries are seldom sold in your local grocery stores. Sour cherry trees are usually smaller than sweet cherry trees. They also grow in a wider range of climates. Sour cherries are self-fruitful. Fruit is usually harvested in July.

Montmorency – This cherry is the standard for pie cherries. Fruit is very large, bright red with firm, yellow flesh and clear juice. Flavor is tart and tangy. It is very cold hardy and disease resistant. Grows to 15'. Tart cherries can pollinate a sweet cherry as long as they bloom at the same time. Ripens late June. Self-fruitful. Zones 5-8.



MONTMORENCY

POMEGRANATES • MAYHAWES • PERSIMMONS • JUJUBES

POMEGRANATES

Pomegranates are known for the many health benefits of the juice and seeds. Pomegranate juice has more than twice the amount of antioxidants found in green tea or red wine. Planting a pomegranate in your yard will provide these health benefits at your finger tips. Pomegranates grow to about 15' tall. You can prune them into a tree or a bush. They are self-fertile fruit that you are sure to enjoy.



AUSTIN

NEW Austin – Large sweet fruit – often 1lb or more. Pink skin with a red blush. Red to dark red arils. Very high juice content. Ripens early October. 200 chill hours. Cold hardy to Zones 7b/8a.



GRANADA

Granada – A beautiful large variety that was derived from Wonderful. It has deeper red blossoms, ripens 1 month earlier and is less tart than Wonderful. Better for coastal areas than Wonderful. Ripens in August. 200 chill hours. Zones 6-10. Available in Instant Orchard.



WONDERFUL

Wonderful – This very large pomegranate has been around for a long time and has become the most famous of all. Wonderful has blushed red skin with juicy rich red flesh. The juice you see at the supermarket named "POM Wonderful" refers to the "Wonderful" variety. The juice is highly prized and full of healthy benefits. The plant grows to 18' tall and fruit usually ripens in September. 150-200 chill hours. Zones 5-9. Available in Instant Orchard.

Pomegranate

Size: 2-3'

Price

\$24.95 ea

Size: 3-4'

Price

\$29.95 ea

Instant Orchard 6-7'

1" Caliper \$64.95

JAPANESE PERSIMMONS

Persimmons are very sweet and just slightly tart. Best not eaten until fully ripened. Most varieties are non-astringent which means it can be eaten right off the tree. Persimmons can be planted with just one variety but you will increase fruit yields by planting two different varieties. Begin producing around 3 years.

Persimmon Trees

Size: 3-4'

Price \$24.95 ea

Size: 4-5'

Price \$29.95 ea

Instant Orchard 6-7'

1" Caliper \$64.95

Fuyu – This large deeply orange fruit is firm, crispy and delicately sweet even when not fully ripe and amazingly sweet when fully ripe. The flavor is unique, deep and rich. Excellent for fresh eating. Fruit is known for its "flat" bottom and squat shape. Fruit will ripen on or off the tree in November. Non-astringent. Produces as early as 2nd year. 200 chill hours. Zones 7-10. Available in Instant Orchard.



FUYU

NEW Giant Fuyu (Gosho) – Non-astringent. Very large. Round to semi-oblong, dark orange skin. Smooth texture. Ripens in November. 200 chill hours. Zones 7-9.

Hana-Fuyu – Bears delicious very large fruit that is reddish with juicy, sweet, orange flesh. Non-astringent and great for fresh eating. Wonderful flavor and superb quality. Grows to 12'. Great ornamental that turns orange and red in the fall. 200 chill hours. Zones 7-10.



GIANT FUYU

Jiro – Very sweet non-astringent fruit. Flesh is crunchy and firm. Can be peeled and eaten like an apple. Second most popular non-astringent variety. Great flavor and high quality fruit. Grows up to 20' tall with an equal spread. Ripens mid to late October. 200 chill hours. Zones 6-10.

Matsumoto – Also known as Matsumoto Wase-Fuyu, it is slightly larger and rounder than Fuyu. Non-astringent, ripens slightly earlier in late September-October. Ripens 2 weeks earlier than Fuyu. Excellent variety, both for commercial and backyard production. Zones 8-10.

Tanenashi – Large to very large long round fruit. Melting, yellow flesh is astringent until fully ripe. Almost always seedless. Holds its fruit into late fall and winter. 100-200 chill hours. Zones 7-10.



HANA-FUYU



JIRO



MATSUMOTO



TANENASHI

RUSSIAN POMEGRANATES



KARA BALA MIURSAL

NEW Kara Bala Miursal – Produces very large fruit with arils that are speckled. Juice has a sweet tart flavor. A very heavy bearer.



SALAVATSKI

NEW Salavatski – One of our most requested varieties! Very large pale red fruit, with red arils and sweet/tart juice. Very cold hardy and very productive.

Grows to 10'. Bears fruit in 2 years. Ripens in late September-October. Zones 6-9.

MAYHAWES

Mayhaws are prized for its profuse, fragrant, white flowers and large clusters of brilliantly colored fruit. Fruit is about the size of a cranberry with the taste and texture of a crabapple. Ripens in May.

Mayhaws

Size: 4-5'

1/2" Caliper \$29.95



SUPER SPUR

Super Spur – One of the best grafted varieties that bears heavy crops of large red fruit which makes delicious syrup and jelly. Ripens mid May. Zones 4-9.



TEXAS STAR

Texas Star – Prized for its particularly large clusters of bright red large fruit. Also features attractive orange-red fall color. Fruit ripens in May. Grafted. Zones 4-8.

JUJUBES

Known as Chinese dates, this fruit is very sweet and crisp similar to apples. Skin shrivels and flesh turns brown then the sugars become more concentrated which makes fruit very sweet. Foliage is dark green and turns yellow in Fall. Mature height 15-20'. Ripens mid September.

Jujube

Size: 4-5' \$39.95 ea



LANG

NEW Lang – Produces beautiful fruit that is 1 1/2" long and pear shaped. A more upright grower than Li. Ripens early to mid-season. 150 chill hours. Zones 5-10.



LI

Li – This variety produces fruit among the largest of any jujubes. They reach around 2 inches in diameter and have excellent flavor. Zones 5-10.

NUT TREES

CHESTNUT TREES

Health benefits for Chinese chestnuts keep getting better and better. They are known for having high contents of natural antioxidants. They are very cold hardy and reach heights of 35 feet tall.



COLOSSAL CHESTNUT

Colossal Chestnut – Produces very large nuts (11-15 per pound). Known for its high yield. Nuts taste sweet and mellow with a smooth texture. The tree grows very rapidly and goes into production within three years after planting. It has a high percentage of perfect nuts in the shell as well. Ripens in October. Zones 4-9.

Chestnut
Size: 4-5' \$28.95 ea

BUARTNUT



Buartnut – A cross of Butternut and Heartnut, this handsome, medium size shade tree produces abundant crops of tasty nuts. Buartnuts combine the hardiness and delicious flavor of Butternuts with the high yields and easy to crack shell of the Heartnut. Does best planting two. Zones 3-8.

Buartnut
Size: 4-5' \$26.95 ea

HAZELNUT TREES (Filberts)

The Hazelnut is highly nutritious and well worth growing. Plant at least two for cross-pollination. They are more like a bush than a tree. Unlike other fruiting trees, hazelnut trees bloom and pollinate in the middle of winter. This nut is chocked full of proteins, vitamins and minerals that provide many healthy benefits.



CLARK

Clark – Produces high quality nuts that are flavorful and well filled. Trees are compact and fast growing. Highly resistant to blight. Zones 5-8.



JEFFERSON

Jefferson – Best all around hazelnut. Extremely resistant to insects and disease. Produces high yields of large tasty nuts that consistently fill-out their shells. Plant with another hazelnut variety. Zones 5-8.

Hazelnut
Size: 4-5' \$24.95 ea

WALNUT TREES

English Walnuts have exceptional food value. One pound of walnut meat is equal in nutrition to eight pounds of steak. With their wide-spreading branches and dark-green foliage, they are a delight to the eye. Unlike the leaves of other shade trees, this variety does not drop during the Summer but adhere until late in the Fall, thus making an unusually clean tree for lawn or garden.



CARPATHIAN ENGLISH WALNUT

Carpathian English Walnut – A beautiful and attractive tree growing 40-60' tall. Provides shade as well as bushels of large walnuts! Drought and deer resistant. Bears in 5 years. Zones 5-9.



BLACK WALNUT

Black Walnut – Self-fertile. Large nuts, great for fresh eating and baking. Majestic trouble-free trees reach 50' tall and the expensive wood is in high demand. One mature tree often sells for several thousand. Zones 5-9.

Walnut
Size: 4-5' \$28.95 ea

ALMOND TREES

Almonds are a perfect nutritious nut for your home garden. Trees grow to 15' tall.

All-In-One Almond
Size: 4-5' \$26.95 ea



All-In-One Almond – Soft shelled and very sweet. Great for home orchard. Heavy bearer. 500 chill hours. Zones 5-9.

PECAN TREES

Pecans are the most popular nut for the home gardener due to delicious nut it produces. Trees grow over 70' tall and live over 100 years. Nuts are nutritious treats. Pecans grown by home gardeners produce better flavored quality nuts. The trees are wind pollinated so plant more than one tree.

Pecan Trees
Size: 3-4' \$26.95 ea
Size: 4-5' \$34.95 ea
Instant Orchard
\$58.95

Amling – Beautiful foliage and excellent resistance to most pests. High quality kernels and are easy to shell. Produces medium size nuts. Perfect for home and organic use. Harvest date October 17th. Medium size nuts, 57 nuts per pound. Zone 6-10. Type 1.



AMLING

Cape Fear – A great paper shell that bears early and is long lived. Vigorous and upright with an open growth habit. Excellent taste and quality. Highly resistant to scab. 55 nuts per pound. Zones 6-9.



CAPE FEAR

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. **Available in Instant Orchard.**



DESIRABLE

Elliott – Tons of taste in a small package. Very popular and in high demand. Disease resistant. Ideal for southern states. Baker's favorite. Easy to shell. Zones 6-10.



ELLIOTT

Ellis – Exciting new cultivar patented by Elliot Ellis. Nuts have excellent quality, high yields, scab resistant and begin bearing at an early age. A good choice for home and commercial plantings. Harvest date October 10th. 44 nuts per pound. Zones 6-9. Type II.



ELLIS

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.

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. **Available in Instant Orchard.**

Sumner – Very large nuts with good quality and darker colored kernels. Very disease resistant plus strong upright growth and semi-open canopy. Excellent variety for home. Good for close space planting. Nuts/lb: 48. Zones 5-10.

Zinner – New and improved Stuart. Produces large nut with a beautiful golden color. Kernel yield much higher than Stuart. Trees are fast growing with very good yields. Harvest date October 12th. 48 nuts per pound, thin shell. Type II. **Available in Instant Orchard.**



PAWNEE



STUART



SUMNER



ZINNER

SPECIALTY FRUITS & VEGETABLES

FRUIT SALAD TREE

Enjoy harvesting up to 4 different delicious fruits from this unique tree. All fruits retain own qualities. Grows in ground as normal fruit trees. Your family will benefit from bushels of different fruit. Self-pollinating. Reaches up to 15' tall. Zones 4-9.

Fruit Salad Tree
Size: 4-5' \$42.95 ea

Your fruit salad tree will include four of the following five varieties:
Peach: Gold Dust **Peach:** July Elberta **Apricot:** Blenheim
Plum: Late Santa Rosa **Nectarine:** Independence

COMBINATION FRUIT TREES

Combo fruit trees give you four different varieties on one tree that pollinate each other. Extend your harvest season 2-3 weeks with these varieties. Ideal for home orchard where space is limited. Semi-dwarf trees that reach 13-15'. Available for shipping in January.

Combination Trees
Size: 4-5' \$33.95 ea

Combination Apple Tree – Enjoy apples from Summer to Fall. Apples for eating, cooking and freezing. Includes four of the following varieties: Fuji, Gala, Granny Smith, Red Delicious, Jonagold, McIntosh, Yellow Delicious, Winesap or Liberty. Zones 4-9.



Combination Cherry Tree – Enjoy a variety of sweet and tart cherries all on one tree. Includes four of the following varieties: Bing, Black Tartarian, Lapins, Montmorency, North Star, Rainier, Royal Ann, Sam, Stella or Van. Zones 4-9.



Combination Pear Tree – Enjoy pears from August to November. Includes four of the following varieties: Bartlett, Bosc, Comice, D'Anjou, Flemish, Beauty, Red Bartlett or Seckel. Zones 4-9.

Combination Asian Pear Tree – This tree will have a long harvest season with these great varieties. Includes four of the following varieties: Chojuro, Hosui, Shinsekik and 20th Century. Zones 4-9.

Combination Plum Tree – Enjoy your favorite yellow, purple and red plums from July to August. Includes four of the following varieties: Burbank, Damson, Italian, Santa Rosa, Satsuma, Shiro or Stanley. Zones 4-9.



GUAVA

Plants are exotic and make delectable fruit and a beautiful evergreen shrub. Enjoy Summer blooms covered with pink and crimson blossoms.

Guava
\$23.95 ea

Plum-shaped fruit ready to eat in Fall when they fall on ground. Slice open and scoop out cream flesh. Tree reaches 18' in height. Zones 8-10.



PINEAPPLE GUAVA

Pineapple Guava – Fruit has taste of mint and pineapple. Can plant in the ground or in pots on your patio. Pineapple guava are one of the easiest, most problem-free fruits you can grow.

UNIQUE FRUITS

We are excited to offer some unique fruits that were created from crossing different types of fruit trees. Each of these trees provides delicious fruits that will make your home orchard one of a kind. These trees are semi-dwarf.

Unique Fruits
Price Box - \$34.95

Bella Gold Peacotum – A unique cross between a peach, plum and apricot. Fruit is large and resembles a fuzzy plum. This beautiful fruit is delicious and tastes like fruit punch. Skin is bright yellow blushed with red. Flesh is amber in color and very juicy. A semi-dwarf tree growing 8-10 feet. Self-fertile but will produce more fruit when planted with an apricot. 500 chill hours. Zones 5-9.



BELLA GOLD

Candy Heart Pluerry – Having Japanese plum and sweet cherry in its parentage, it's a taste-test proven treat for fruit lovers. Dark speckled red skin, amber/red flesh with a wonderfully unique flavor. Peak ripeness around mid-August. Pollinate with Sweet Treat Pluerry. 500 chill hours.



CANDY HEART

Cot-n-Candy Aprium – A delicious cross between a plum and an apricot. Produces crunchy fruits that are plum shaped with extremely sweet apricot flavor. Skin is russet gold over a creamy, yellow, melting flesh. Tree is compact and semi-dwarf. Bears consistently heavy crops. Grows 12-15'. Excellent for canning and baking. Self-fertile. 400 chill hours. Zones 7-10.

Sweet Treat Pluerry – Enjoy this cross between a plum and a sweet cherry! This is a taste test favorite. Fruit combines the sweetness of a cherry with the summer fresh taste of plums. Much larger than cherry, fruit hangs on the tree for several weeks until fully ripe. Pollinate with a plum. 450 chill hours. Zones 6-9.

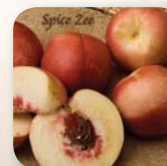
Spice Zee Nectaplum – Delicious cross of a plum and nectarine that produces fruit unparalleled in flavor. Both nectarine and plum traits are easily detectable. Tremendous purplish pink blooms in the spring followed by a flourish of red leaves. 200 chill hours. Zones 6-10.



COT-N-CANDY



SWEET TREAT



SPICE ZEE

QUINCE

Grows as a small spreading tree with more than one trunk. Produces excellent fruit. Grows to 10' with more than one trunk. Valued for its fruit and beauty. Zones 3-9.

Quince
Size: 4-5' \$22.95 ea



ORANGE

Orange – Prized for its very large crops of bright, aromatic and flavorful yellow fruit. Make delicious preserves and baked goods.

Smyrna – Produces very large, pear shaped fruit with yellow skin and flesh. Flesh is tender and excellent quality.



SMYRNA

"The best time to plant a fruit tree was 20 years ago. The second best time is now!"

HARDY KIWI

Delicious smooth kiwi, with green or red jewels that is very sweet and packed full of flavor. Smaller than Fuzzy Kiwi but smooth like grapes, you can eat the whole fruit. Hardy to -25°. Bears 3-4 years. Male plant required and can pollinate 8 females. Reaches 12-15'. Ripens Sept. - Oct.

Kiwi
Size: 2-4' \$19.95 ea

Isaai – This unique Japanese variety is prized for its heavy crops of large, sweet and delicious fruit. Can be grown on a fence or wall and usually begins bearing the year after planting. This variety is self-fertile but will produce a heavier crop when planted with a male. Zones 3-9.

Anna – This variety produces very sweet and flavorful fruit. It is one of the most popular varieties for gardeners and commercial growers alike. It is very vigorous and has a very abundant crop. Pollinate with Male. Zones 3-9.

Ken's Red – One of the largest hardy kiwis available. Fruit is sweet and tasty. Fruit is fairly large and almost cylindrical, tapering to a point. The fruit continues to stay firm and does not bruise easily. Zones 3-9.

Male – Covered with fragrant, bright white flowers in May, this vigorous and easy to grow variety is required to pollinate all female Hardy Kiwi varieties. One male plant can pollinate up to 8 female plants. This variety does not bear fruit.



ISAAI



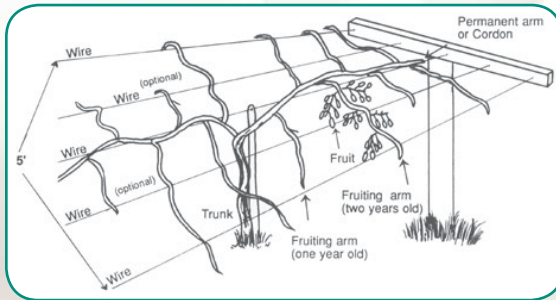
ANNA



KEN'S RED



MALE



PAW PAW

Also known as a banana tree, this fruit has a unique tropical flavor with a hint of citrus. Texture is buttery smooth like an avocado. Makes a good landscaping tree with few pest

Paw Paw
Size: 3-4' \$24.95 ea

problems. As fruit matures, a sweet fragrance of ripe bananas drifts from the tree. Plant two trees for most fruit production. Ripens Sept. to Oct. Leaves turn bright yellow in Fall. Grows to 20'. Zones 5-8.

Paw Paw – Produces large tropical custard-like fruit that is oblong in shape and has a light green skin. Enjoy the pleasant aroma when it ripens. Texture is firm with delicate blend of flavors.



PAW PAW

MULBERRY



PAKISTAN

Pakistan – The Pakistan is the "King" of the fruiting mulberries producing 3½" to 5" long maroon to black berries. Very sweet and flavorful with a raspberry like flavor. Juice does not stain. Multi-month long fruiting season starting heavy in late spring/early summer and continuing to fruit until mid-summer. Self-fertile. 400 chill hours. Zones 6-10. **Available in Instant Orchard.**

Mulberry
Size: 4-5' \$39.95 ea

ASPARAGUS

This hardy perennial vegetable is a delight in many dishes. Grown for the stems or spears, a well-tended plant can produce 8-10 pounds per 100 square foot. A planting can last 15-20 years. These are 1 year old plants or "crowns." Plant in Winter. Zones 3-10.

Asparagus
Bundle of 10 \$12.99

Mary Washington – This popular variety is rust resistant, easily grown, and produces large and tender shoots. The stalks are succulent, straight dark green tinged with purple.

UC157 – The most productive and highest yielding asparagus available. Large uniform spears that are non-stringy and has a tender, delicate flavor that is unbeatable. Your first cutting pays for your plants.

Jersey Giant – Known for its heavy yields, thick spears and outstanding flavor. Attractive dark green spears with purple tops are large, uniform and succulent. One of the most frost hardy varieties.



MARY WASHINGTON



UC157



JERSEY GIANT

ARTICHOKE

We are offering the Jerusalem Artichoke which produces sunflower type plants with edible tubers and Green Globe which produces the traditional artichoke hearts. These are two distinct different types of plants. Each are a great addition to your garden.

Artichoke
\$5.95 ea
1 yr

Green Globe – Bears larger, heavier, and more consistent quality globe-shaped heads. The tasty hearts make a supreme delicacy when pickled, and the base of the leaves can be eaten too. This majestic perennial vegetable makes an attractive addition to any vegetable plot. It is ideal for the flower garden too, attracting bees to its thistle like flowers when left unharvested. Zones 7-10.



GREEN GLOBE



JERUSALEM ARTICHOKE

Jerusalem Artichoke – This is a hardy plant that produces knobby, rounded tubers with a distinctive smoky flavor that are delicious roasted or added to stews. A low maintenance crop that will grow anywhere. Zones 3-9. **Produces sunflower type flowers.**

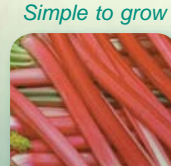
HORSERADISH



A coarse, weedy looking herb. Livens up many dishes. Dies back in fall and comes back in late spring. Dig roots year round for fresh horseradish. Roots will replenish. Likes 1/2 day to full sun and is free of pests and disease. Grows 3-4' in height. Zones 5-9.

Horseradish
\$5.95 ea
1 yr

RHUBARB



VICTORIA

Simple to grow in cool climates. A perennial that can be left in the ground and will return for many years. A very hardy crop able to withstand lack of water. Apart from fertilizing, rhubarb will survive and produce good yields with little tending. Zones 3-9.

Rhubarb
\$5.95 ea
1 yr

Victoria – Very sweet and one of the best. Enjoy rhubarb throughout the summer. Grows fast. Great for rhubarb pie that melts in your mouth.

INSTANT ORCHARD FRUIT TREES

Many customers have requested larger trees that will bear fruit sooner than the standard two year trees. We are pleased to offer a selection of our most popular varieties in each category. These trees have a 1" Caliper** and many are approximately 6'-7' tall. The trees are not guaranteed to fruit the year of planting although many will. By ordering larger trees you in essence are buying time. You will shorten the amount of time it takes for your trees to reach fruit bearing age and enjoy the benefit of harvesting fruit sooner.

** Note: The Caliper size indicates the maturity of the tree not the height. Trees will be pruned to meet FedEx shipping requirements.

APPLE & CRABAPPLE TREES - \$58.95 each



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

Fuji – Pollinator. Medium to Large. Favorite eating apple. Reddish-green color. 350-400 chill hours. Zones 5-9.



GALA

Gala – Pollinator. Medium. Golden, yellow with firm, crisp, sweet and juicy flavor. 500 chill hours. Zones 5-9.



GRANNY SMITH

Granny Smith – Pollinator. Large. Skin bright green. Firm and sweet/tart. 500 chill hours. Zones 5-8.



HONEYCRISP

Honeycrisp™ (PAT.#7197) – Has become increasingly popular the past few years. Primarily due to its explosive crisp texture and well-balanced sweet and tart flavor, it is a "fun to eat apple." A relatively new patented variety, the Honeycrisp Apple has a texture similar to a crisp watermelon or Asian Pear. The fruit size is very large and predominantly red over a yellow background. 800 chill hours. Zones 4-8. Pollination Code C.



PINK LADY

Pink Lady® (PAT.#7880) – Pollinator. Hot climate apple. Blushing pink skin over a green medium to large apple. Snappy tartness balanced with a touch of crisp, sweet flavor. It is a cross between Golden Delicious and Lady Williams. Harvest late October, about 3 weeks after Fuji. Flesh resists browning when cut so it is great for fresh eating, salads, cooking and baking. Long storage life. A low chill variety needing only 400 chill hours. Zones 6-9. Pollination Code B.

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.

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.

Transcendent Crabapple – Pollinator. Large and great for fresh eating and cooking. 350 chill hours. Zones 3-10.



STAYMAN WINESAP



YELLOW DELICIOUS



TRANSCENDENT CRABAPPLE

CHERRY TREES - \$58.95 each

Black Tartarian – Best sweet cherry. Blackish red. Sweet and juicy. Plant with Stella. 900 chill hours. Zones 6-9.

Compact Stella – The Compact Stella breaks all the rules and is a must for the home gardener with limited space. This semi-dwarf (10-12 ft) cherry tree produces large, dark-red fruit that is firm and sweet. The Compact Stella has delicious fruit that is more resistant to cracking. The tree is small and compact, bears at a young age, and is self-fertile. Fruit ripens in late July, 700 to 800 chill hours.

Stella – Self-fertile. Sweet, large fruit. Dark colored and firm. Bears early. 700 chill hours. Zones 6-8.



BLACK TARTARIAN



COMPACT STELLA



STELLA

FIG TREES - \$58.95 each

Black Mission – This is a favorite. Medium to large size fruit and heavy bearer. This popular variety originated in Spain. It produces sweet, pear-shaped fruit that has purplish-black skin with strawberry-colored flesh and a rich flavor. Many experts consider the Black Mission Fig Tree to be the best all-around variety for United States. Great for jellies, jams and healthy on-the-go snacking. Ripens Summer to Fall, 100 chill hours. Zones 7-10.

Brown Turkey – An old variety that is still one of the best eating figs. A very heavy producer of medium to large bell shaped figs. Skin is purplish-brown with amber color flesh. Flesh is very sweet and tender and great to eat right off the tree. It is a heavy bearer that ripens in middle of season up until late. Often bears 2 crops per year. 100 chill hours. Zones 6-9.

Celeste – Most cold hardy. Flesh is white. Skin is purplish brown. Zones 6-9.



BLACK MISSION



BROWN TURKEY



CELESTE

MULBERRY TREES - \$58.95 each

Pakistan – The Pakistan is the "KING" of the fruiting mulberries producing 3½" to 5" long maroon to black berries. Very sweet and flavorful with a raspberry like flavor. Multi-month long fruiting season starting heavy in late spring/early summer and continuing to fruit until mid-summer. Zones 6-10.



PAKISTAN

NECTARINE TREES - \$58.95 each



FANTASIA

Fantasia – Very large Freestone. Bright red with yellow flesh. Very juicy. Bears mid-season. Zones 6-8.

Snow Queen – Large Freestone. Fast growing tree. Ripens 2 days before Elberta. Zones 7-10.



SNOW QUEEN

PEACH TREES - \$58.95 each

Bell of Georgia – Large Freestone. Old time favorite. Firm white flesh. Highly flavored. Zones 5-8.

Elberta – 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.

Hale Haven – Large, freestone. Yellow skin with red blush. One of the best for home use. Exceptional quality. 850 chill hours. Zones 5-8.

Redskin – Large. Skin deep red over yellow. Fast growing tree. Excellent for eating. Zones 5-8.



BELL OF GEORGIA



ELBERTA



REDSKIN

PEAR TREES - \$58.95 each

Bartlett – #1 pear in the world. 75% of all U.S. pears. Large, golden yellow fruit blushed with brownish red. Smooth, juicy, white flesh. Pleasant touch of tartness. Good for fresh eating and 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.

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.



BARTLETT



KIEFFER



SECKEL (SUGAR)

ASIAN PEAR TREES - \$58.95 each



SHINKO

Late Korean (Okusankichi) – Large and round. Skin is green to tan russeted. Flesh is refreshingly slightly tart, firm, coarse and juicy. Keeps well after picking. Flavor gets sweeter with storage. 600 chill hours. Zones 5-9.



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.

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.

PECAN TREES - \$58.95 each



DESIRABLE

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.



STUART

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.



Zinc Sulphate For Pecans

4 lb. **\$16.00**

Low soil levels of zinc can stunt tree growth and cause malformed nuts. Zinc Sulphate will ensure quality nut trees. Apply in early spring. Use as foliage spray or soil treatment.

PERSIMMON TREES - \$64.95 each

Fuyu – Large orange persimmon rates high in flavor and production. Non-astringent. Zones 7-10.

Giant Fuyu (Gosho) – Non-astringent. Very large. Round to semi-oblong, dark orange skin. Smooth texture. Ripens in November. 600 chill hours. Zones 7-9.



FUYU



GIANT FUYU

PLUM TREES - \$58.95 each

Golden Nectar – Extra large plum. Skin is golden yellow with tender texture. Fruit is sweet and superb. Needs pollinator. Zones 4-10.

Methley – Pollinator. Medium to large. Purplish skin. Juicy flesh with sweet flavor. Early bloomer. Heavy crops. Zones 5-9.

Santa Rosa – Very large purplish red plum. Firm flesh, yellow to dark red. Rich, pleasing tart flavor. Zones 5-9.



GOLDEN NECTAR



METHLEY



SANTA ROSA

POMEGRANATE TREES - \$64.95 each



GRANADA

Granada – A beautiful large variety that was derived from Wonderful. It has deeper red blossoms, ripens 1 month earlier and is less tart than Wonderful. Better for coastal areas than Wonderful. Ripens in August. 200 chill hours. Zones 6-10.



WONDERFUL

Wonderful – Extra large fruit. Blushed red skin. Juicy with sharp flavor. Well known. The juice is highly prized and full of healthy benefits. The plant grows to 18' tall and fruit usually ripens in September. 150-200 chill hours. Zones 5-9.

HOME ORCHARD FRUIT PACKAGES

Make picking out plants for your home orchards easy by purchasing a complete package for your plant needs. Several to choose from:

BLUEBERRY PACKAGE



Blueberry plants are one of the most popular berry plants for home gardeners. They are delicious and very nutritious. Planting blueberries is an excellent way to add striking colors to your garden. Best of all, growing blueberries is easy! They require little upkeep. This package gives you everything you need.

- Package Includes:**
- 2 - Brightwell (Early Season)
 - 2 - Powder Blue (Mid Season)
 - 2 - Ochlockonee (Late Season)
 - 1 - Bag (4 lbs) Ison's Blueberry Blend Fertilizer
 - 1 - Bag (6 lbs) Soil Acidifier
 - 1 - 14 x 45 Bird Netting

Blueberry Package
Sale Price \$89.99
 (Retail Price: \$106.93)

VERY BERRY PACKAGE



Growing and enjoying berries from your own orchard is one of life's best pleasures. Healthy and Strong berry plants are 2 years old and will bear fruit This June. Blueberry, blackberry and raspberry plants are among the easiest fruiting plants to grow!

- Package Includes:**
- 2 - Apache Blackberry
 - 2 - Navaho Blackberry
 - 2 - Heritage Raspberry
 - 2 - Nantahala Raspberry
 - 1 - Powderblue Blueberry
 - 1 - Brightwell Blueberry

Very Berry Package
Sale Price \$48.95
 (Retail Price: \$59.50)

INSTANT FRUIT ORCHARD PACKAGE



Apples, Plums, Peaches and Pears. We have made it easy to start your own home fruit orchard that includes fertilizer and tree weed mats. Enjoy the taste of the summer and fall with this easy to grow package.

- Package Includes:**
- | | | |
|----------------|---------------------|---------------------|
| 1 - Gala Apple | 2 - Santa Rosa Plum | 1 - Kieffer Pear |
| 1 - Fuji Apple | 1 - Bartlet Pear | 2 - Elberta Peaches |

Instant Fruit Orchard Package
Sale Price \$159.99
 (Retail Price: \$191.60)

Instant Fruit Orchard Package
Plus: 1 - Fruit Tree Fertilizer
 8 - Tree Weed Mats
Sale Price \$179.99
 (Retail Price: \$212.71)

WILDLIFE PACKAGE



Wildlife enjoy fresh fruit as much as we do, and there is nothing more beautiful than having bright, vibrant fruit trees surrounded by breathtaking wildlife. This package offers Apples, Pears and Persimmons and they all bear fruit late into the fall.

- Package includes:**
- 1 - Arkansas Black Apple (ripens Oct/Nov)
 - 1 - Yates Apple (ripens mid-Oct)
 - 1 - Kieffer Pear (ripens Oct/Nov)
 - 1 - Fuyu Persimmon (ripens in Nov)
 - 1 - Tanenashi Persimmon (ripens Nov)

Wildlife Package
Sale Price \$132.34
 (Retail Price: \$155.17)

FRUIT TREES 3 ft.- 4 ft.

We are offering a limited supply of 3 ft. - 4 ft. fruit trees.

Available varieties are listed below.
 Please see our website at www.isons.com for detail descriptions.

Plums - Au Producer, Au Rosa, Black Ruby, Byron Gold, Ruby Queen, Ruby Sweet

Peaches - Cary Mac, Contender, Elberta, Florida King, Harvester, July Prince, Parade, Redskin, White River

Nectarine - Amooore Sweet, Bowden, Mayfire

Fruit Trees 3ft.-4ft.
Sale Price \$12.95



FLOWERING SHRUBS & TREES

FLOWERING TREES

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.

Flowering Trees
Size: 4-5'
Price
 \$22.95 ea

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.

Dogwoods – Add beauty to your home landscape with these deciduous trees. Each season will bring you something new to enjoy. Tree height is anywhere from 20-30' with 25' spread. Heads will turn at the colorful blooms these trees produce. **Choose between White, Red or Pink Flowering Trees.** Please specify which color on your order form.



**KWANZAN
FLOWERING
CHERRY**



**YOSHINO
FLOWERING
CHERRY**



**PINK
DOGWOOD**

WILDLIFE TREES

Sawtooth Oak – A great fast growing shade tree, often planted by hunters for wildlife. Sawtooth Oaks are known for their fast growth and producing acorns at an early age. They consistently put on a heavy crop every year. Grows in full sun and well-drained soil. Get your Sawtooths planted this year. The sooner you get them in the sooner the deer will come your way. Grows up to 50'. Zones 5-9.

Wildlife Trees
Size: 4-5'
Price
 \$19.95 ea

Gobbler's Oak – This is an excellent fast growing shade tree that produces an abundance of acorns. The acorns are smaller but perfect for turkey and deer. It is known as the most desirable food source for wild turkeys. Begins producing acorns in 4-6 years. Grows up to 40'. Zones 5-9.

White Oak – The White Oak is ideal for a beautiful large shade tree. Produces beautiful crimson-brown colors in the Fall. Requires well-drained soil in full sun. Acorns are perfect for all types of wildlife. Zones 3-9.

Chinkapin Oak – Another excellent tree for wildlife. This tree is a tough variety that produces even in poor planting sites. Acorns are loved by turkeys, deer, black bear and even certain ducks. Nuts mature in October to November. Tree grows at a medium growth rate. Grows 40-50' high. Zones 4-8.



Visit our website at www.isons.com for more information.

PEST CONTROL

After investing dollars and hours of work into your home orchard, you want to be protected from birds, deer and other animals that can impact your crop. We have chemical-free items available that have proven effective in home orchards and gardens.

SCARECROW DEVICES



Natural Enemy Inflatable Snake (6' Tall).....\$8.49
 Realistic 6' inflatable snake especially effective against birds. Helps reduce fruit losses.



Natural Enemy Inflatable Owl (2' Tall).....\$8.49
 Effective repelling small animals. Deters birds from decks, rafters, barns and more. Can reduce crop losses up to 50%. Protects fruit trees and vegetables.

Dalen's Great Horned Owls

- Used in gardens, boat docks, airports and more.
- Life-like predatory features adds charm.
- Proven deterrent near grapes, apples, blueberries and other fruits.
- Scares away trouble to prevent damage to crops.
- 2 types available.
- Protect your treasured fruits and vegetables today.



Scarecrow SOL-R Action Owl\$39.99
 Uses sunlight to keep the owl's head in motion even without wind for a sufficiently realistic predatory pose.

Scarecrow Rotating Head Owl\$27.99
 The owl's head turns in the gentle breezes to startle away predators.



Nite Guard Solar.....\$24.95
 A simple, but effective concept for controlling night predators. Customers enjoy all their fruit from their home garden thanks to this device. Mount the Nite Guard to a tree trunk, stake, post or wall. Maintenance-free, solar-powered units require neither batteries nor electricity. Concept is simple, but it WORKS!

Bird Control Tape (1" x 500') Foil tape threatens birds\$9.95

PROTECTIVE NETTING

Bird-X – Protects fruit and berries from thieving birds and other garden pests. Strong and durable 3/4" mesh.



Deer-X – Protects fruit, berries and vegetables from destructive deer.

Deer-X	
Size	Price
7' x 100'	\$24.95
14' x 75'	36.95

Bird-X	
Size	Price
7' x 20'	\$9.99
14' x 14'	10.99
28' x 28'	34.95
14' x 45'	23.99
14' x 75'	37.95

For best results, use protective garden netting before the damage is done. Simply drape over the tree canopy and gather at trunk, securing with twist ties. Drape over shrubs, vines, and other garden plants and secure with stakes or weigh down the edges. Store indoors when harvest protection is no longer needed.

- 14' x 14' for dwarf trees
- 7' x 20' for berry plants and small garden rows
- 14' x 45' for mid-sized garden rows
- 14' x 75' for longer garden rows
- 28' x 28' for semi-dwarf (and larger) trees

FERTILIZERS • GROWING AIDES

SPECIFIC FERTILIZER BLENDS – For years customers have asked for the best fertilizers to use specifically for their fruiting plants and trees. The special blends needed are difficult to impossible to find in local stores. In the past you would have to resort to a standard fertilizer for everything. We are pleased to announce that Ison's Nursery & Vineyard has partnered with a national fertilizer company to develop and bring you our Specialty Fertilizer Blends. *We cannot ship these products to CA or OR

FERTILIZERS & SOIL CARE



Ison's Muscadine Custom Blend – Provides necessary fertilizer requirements to ensure beautiful crops of sweet, juicy muscadines.....4 lbs. - \$9.99



Ison's Blueberry Blend – This perfectly balanced 12-12-12 fertilizer is formulated just for blueberries – for bigger and better plant yields.....4 lbs. - \$9.99



Ison's Blackberry Fertilizer – Notice the difference with this special 12-10-10 formula that will provide blackberries with the nutrients needed for strong growth and high yields4 lbs. - \$9.99

Ison's Strawberry Food – Apply this ideal fertilizer to your patch and you will get bigger brighter strawberries, increased berry yields and vigor. One pound treats up to 500' of new strawberries or 250' of existing beds.
1 lb. - \$9.99



Ison's Raspberry Food (water soluble) – Raspberry plants will be very happy with this 20-21-20 blend. It will strengthen roots and boost fruit yields. Treats 80 liner feet..... 1 lb. - \$9.99



Hi-Yield Pecan and Fruit Tree Fertilizer – Supplies Nutrients for Pecans and Fruit Trees. Aids in the production and maturing of fruit trees. Promotes fast growth and plant strength.....10 lbs. - \$9.99

Calcium Nitrate – Adds nitrogen and calcium to growing crops. Rate of 1 cup per 50' row. Recommend ¼ lb. per plant5 lbs. - \$9.95

Hi-Yield Zinc Sulphate For Pecans – Zinc Sulfate is critical in growing pecan trees. Low soil levels of zinc stunt tree growth and cause malformed nuts. Apply in early spring to prevent a disappointing crop.
4 lbs. - \$16.00

Mycorrhizal Fungi – PHC Tree Saver – Reduces transplant stress on fruit/nut trees while improving soil fertility. Apply to root zone at planting. Apply 1 oz. per tree 1 (3 oz. packet) - \$6.95
3 (3 oz. packet) - \$19.95
10 (3 oz. packet) - \$64.95

Soil Acidifier (Organic) – Perfect soil for blueberries. The specially formulated soil acidifier creates the perfect soil for blueberries to thrive. Contains Sulfur.
6 lb. Bag - \$13.95

Bonide Hydrated Lime – Quickly raises soil pH, neutralizes soil acidity and provides Calcium.
5 lbs. - \$9.99

Bonide Triple Super Phosphate – Nothing boosts blooms like this. Made from rock phosphate 0-45-0, is rendered into a form that is easily taken up by plants and used to make sugars during photosynthesis and to encourage healthy root, flower and fruit development.
4 lbs. - \$12.99



DISEASE & INSECTICIDES



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 oz. - \$19.95

Fire Blight Spray – Controls fire blight on Crabapples, Apples and Pears. 1 tbsp per 2 ½ gallons when trees start to flower in spring 2 oz. - \$12.00



Bonide Fruit Tree Spray – Controls both insects and diseases on Fruit trees, Flowers, Evergreens and Strawberries 1 qt. - \$23.95



Hi-Yield Dormant Spray – Contains Superior Oil. A very effective control for a wide variety of insects. Do not use if temperatures exceed 85 F 1 qt. – 12.95

Hi-Yield 55% Malathion Insect Spray – Provides excellent control of fleas, aphids, spider mites, lace bugs, adult Japanese beetles and tent caterpillars on fruits and vegetables 1 qt. - \$19.99



Bonide Fungonil Concentrate – Truly all purpose. Controls numerous disease on fruits and vegetables. Use as little as 1-1/2 tspn.
8 oz. Concentrate - \$16.99

ORGANIC GROWING AIDES



Bonide Copper Fungicide (Brodeaux) Spray or Dust – Stops downey mildew on grapes. This copper-based organic fungicide also controls cherry leaf spot and other plant disease on fruits, vegetables and flowers.
1 lb. - \$12.99

Citrus, Fruit and Nut Orchard Spray – Contains sulfur plus Pyrethrin. Great for fruit, nuts, and other plants. Truly effective and all purpose.
16 oz. concentrate - \$19.99



Sulfur Plant Fungicide – A specially prepared micronized sulfur suitable for use as a dust or spray. The fine particle size gives better coverage, adhesion and disease control. Controls a large number of diseases on fruits, vegetables and more 1 lb. - \$9.99
4 lbs. - \$16.99

GROWING AIDES

MISC. GROWING AIDES

Cordura Picking Bag – Enjoy picking your apples, pears fruit and more with this handy picking bag. This bag comes with a padded back, leather padded rim and strong steel frame. Water, mildew, mold and abrasion resistant. Holds 1 bushel (42 lbs.)

Comes with standard 96" strap\$44.95



Weed Shields – 5 Year Guarantee – Perfect for using with your berry plantings. Ideal for your strawberry plugs as well. Don't worry about weeds and grass around your plants anymore. 1-foot gridlines for easy plant spacing. Allows water and nutrients in, keeps weeds out.

3' x 25' \$10.95
 3' x 50' \$16.95
 3' x 100' \$29.95



Tree Bark Protector – A perfect way to protect your newly planted trees from: buck rub, rodent gnawing, weed trimmers, and herbicide spray. Deters sucker growth. Lasts 6-8 years. Easy application. Use until suckering stops and bark thickens.

3 ft - \$3.00 each
 Pkg of 5 - \$12.95
 Pkg of 20 - \$44.95



Twist Tie with Cutter – Use to secure plants and tie up limbs. Built in cutter makes it easy to use.

100' roll\$3.49



Tree Wrap – Allows tree trunks to breathe for faster growing, healthier trees and protects against the extremes of winter and summer, insects and rodents. One roll is enough to wrap 5 trees.

3" x 50'\$3.95



Plantra® Tree Mat – Sun blocking squares stop weeds in their tracks to give your trees the head start they'll need to compete. Made with rugged woven construction and heat-sealed edges, Stop the weeds that steal growth from your tree for 3 years! Apply once and your weed control is done.

One mat provides 9 sq. ft. of weed-free soil and all of the water and minerals that weeds usually take.

Tree mat \$1.25 ea Pkg 25 - \$26.95
 Tree mat w/4 ground staples..... \$1.39 ea Pkg 25 - \$29.95

Tree Guard – Protects young trees from mower and trimmer damage. Interlocking design adjusts to tree size. Use more than one for larger trees.

Each \$3.49



SOIL METERS



Rapitest pH Soil Meter (1840)

- Unique corded probe for easy reading while measuring
- Contains simple, yet extensive instructions for use and cleaning pad
- Includes recommendations for 400+ plants
- Uses proper logarithmic scale plate
- Ideal for fruits/veggies, trees/shrubs, plants/flowers and grasses/lawn

Must be used exactly as instructed to work properly\$21.99

Rapitest 3-Way Analyzer (1835)

- Easy to read digital results
- Measures soil pH, soil temperature and soil fertility
- Fertility results are compensated for soil temperature
- pH readings are auto-adjusted based on soil temperature

Get proper readings for pH, fertility and temperature. Just a couple touches to the digital analyzer you will have your information for optimal plant growth. Helps you see where fertility levels are at, quick and easy to read fertility meter that reads the combined levels of nitrogen, phosphorus and potash to determine proper health, growth and productivity for your plants. Includes a test feature for soil temperature and pH levels.\$36.95



Rapitest Digital Soil Test Kit (1605)

- Reads test colors utilizing advanced LED digital technology
- Just push test button to get results in a few seconds
- Includes pH preferences for over 450 plants and how to adjust soil pH
- Booklet has fertilizer guidelines based on nitrogen, phosphorus and potash test results.
- Performs 25 tests: 10 for pH and 5 each for Nitrogen, Phosphorus and Potash

Utilizes LED digital technology and optical calibration system to read test colors. Calibrated to read small color variations difficult to distinguish with the human eye. Easy instructions for each soil pH, nitrogen, phosphorus or potash tests; slide the test tube in optical chamber and push the appropriate button to get the test results. Tester booklet tells you how to adjust soil pH and provides recommendations for fertilizers. The booklet's pH preference list allows you to select plants for your soil's pH or know how much to adjust the soil pH for your current plants.\$36.95



Rapitest Soil Test Kit (1612)

- Economical soil test kit for testing soil pH
- Contains capsules for (10) total tests, all for soil pH, the most tested factor in soil
- Includes patented color comparator for easy color comparison
- Simple, fast, and accurate results; no experience required to perform tests

It's vital to know the existing pH level in garden soil. A great value for home soil testing. Extensive, yet simple, instructions are included along with recommendations for over 400 plants. Test results allow the gardener the amend and fertilize appropriately, ensuring the best possible results.



10 Tests for pH - \$7.99
 1 Single Test for pH - \$1.79

PERFECT FOR MAKING JUICE, JELLY AND PRESERVES!!

Victorio Stainless Steel Steam Juicer – 11.5 Quart

Extract the natural juice of grapes, berries and other high liquid fruits with the power of steam. Just boil the water in the bottom container and place fruit in the top container. Natural concentrated fruit juice drips in the center pan where it can be extracted through a surgical-quality, heat-resistant tube. Use

the juice for making jellies or to store as concentrate for healthy natural fruit juice. Also perfect for cooking soups and stews or steaming vegetables. This steam juice is induction range compatible. Replacement parts available.



\$145.00

MUSCADINE PRODUCTS

MUSCADINE HEALTH PRODUCTS



Muscadine Skin Powder – 12 oz. – \$29.95

A supplement made from Muscadine Skins. This is a perfect addition to your daily smoothie or can be added to morning juice or yogurt. Muscadine Skin Powder contains the highest levels of Ellagic Acid in the fruit and have powerful anti-inflammatory benefits that promote good digestive health.

Muscadine Capsules – 60 capsules – \$29.95

Muscadine Capsules were created to bring together the seed and skin into one supplement. This synergistic combination gives a more robust polyphenolic profile for overall health benefits.

Muscadine Grape Seed Capsules – 60 capsules – \$24.95

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.



JELLY, PRESERVES & BUTTER

Muscadine or Scuppernong Jelly – Large 18 oz. Jar – \$8.50

Jelly cooked the way mama likes it, with real Georgia Grown dark or bronze muscadines cooked slowly to lock in the flavor. Great on toast and warm buttered biscuits. Enjoy the taste of muscadine grapes year round. (Please specify Bronze or Black)



Muscadine or Scuppernong Preserves – Large 18 oz. Jar – \$8.50

This delicious preserve is made using black or bronze muscadine grape pulp and juice. You can taste the uniquely rich sweetness of real southern muscadines. Bronze or Black (Please specify.)



Best Seller

Kickin Muscadine Pepper Jelly – Large 18 oz. Jar – \$8.50

Our wonderful Muscadine jelly made with jalapeno and bell peppers added for a little heat. Perfect over cream cheese and served with crackers or add it to other vegetables to add delicious flavor.

Spiced Muscadine Butter – Large 18 oz. Jar – \$8.50

Just like Grandma's. Made from fresh muscadines each season. Good on your favorite breakfast breads or serve over cream cheese. Mmmmm.



Muscadine Gift Box Package – 3 (Large 18 oz. Jars) – \$22.95

Ideal for gift giving. Choose any three of the large 18 oz. jars of muscadine products and we will place them in this nice gift box. Perfect gift for the muscadine lover. Great for birthdays and Christmas.

MUSCADINE BEVERAGES



Muscadine Juice – 10 oz. – \$2.95 or 25.4 oz. – \$7.99

A delicious beverage full of muscadine sweetness. No sugar added. Not from concentrate. Available in Red and White. (Please specify.)



Muscadine Cider – 25.4 oz. – \$7.99

Muscadine juice blend, sweetened with pure cane sugar. A great thirst quencher chilled or served hot like apple cider. Red or white available. (Please specify.)



Juice/Cider Gift Pack – 2 Bottle Gift Pack – \$18.95

Choose any two bottles of the juice or cider and we will ship it to you in this nice gift box ready to give at Christmas or for a special birthday.



OTHER SPECIALTY SAUCES



Muscadine BBQ Sauce – 12 oz. – \$6.50

A new southern favorite! We blend muscadines into a tomato-vinegar-mustard base for a unique barbecue sauce that's tangy with a sweet twist. Use for basting, marinating and grilling on any meats.



Muscadine Syrup – 12 oz. – \$6.50

Add a touch of heaven to your pancakes with the freshest muscadine syrup cooked slowly in open kettles.



Muscadine Steak Sauce – 12 oz. – \$6.50

A muscadine puree seasoned with a special blend of spices for a unique and healthy steak sauce. This sauce is great with beef, pork and chicken.

Muscadine Vinaigrette – 12 oz. – \$6.50

A delicious salad dressing made from muscadines, vinegar, and oil for a healthy alternative to the average salad dressing.



Muscadine Salsa – 16 oz. – \$6.95

A tomato based salsa with muscadine fruit added to enhance the flavor and texture. Excellent with chips and more nutritious than the average salsa.

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.

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

Water Source: Run main water line to vineyard using PVC pipe buried. This allows easy mowing. You can also use a water hose going from your faucet to your vineyard. Use ACU-18 (Female Hose Adapter), ACU-25 (Pressure Regulator) ensures 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.

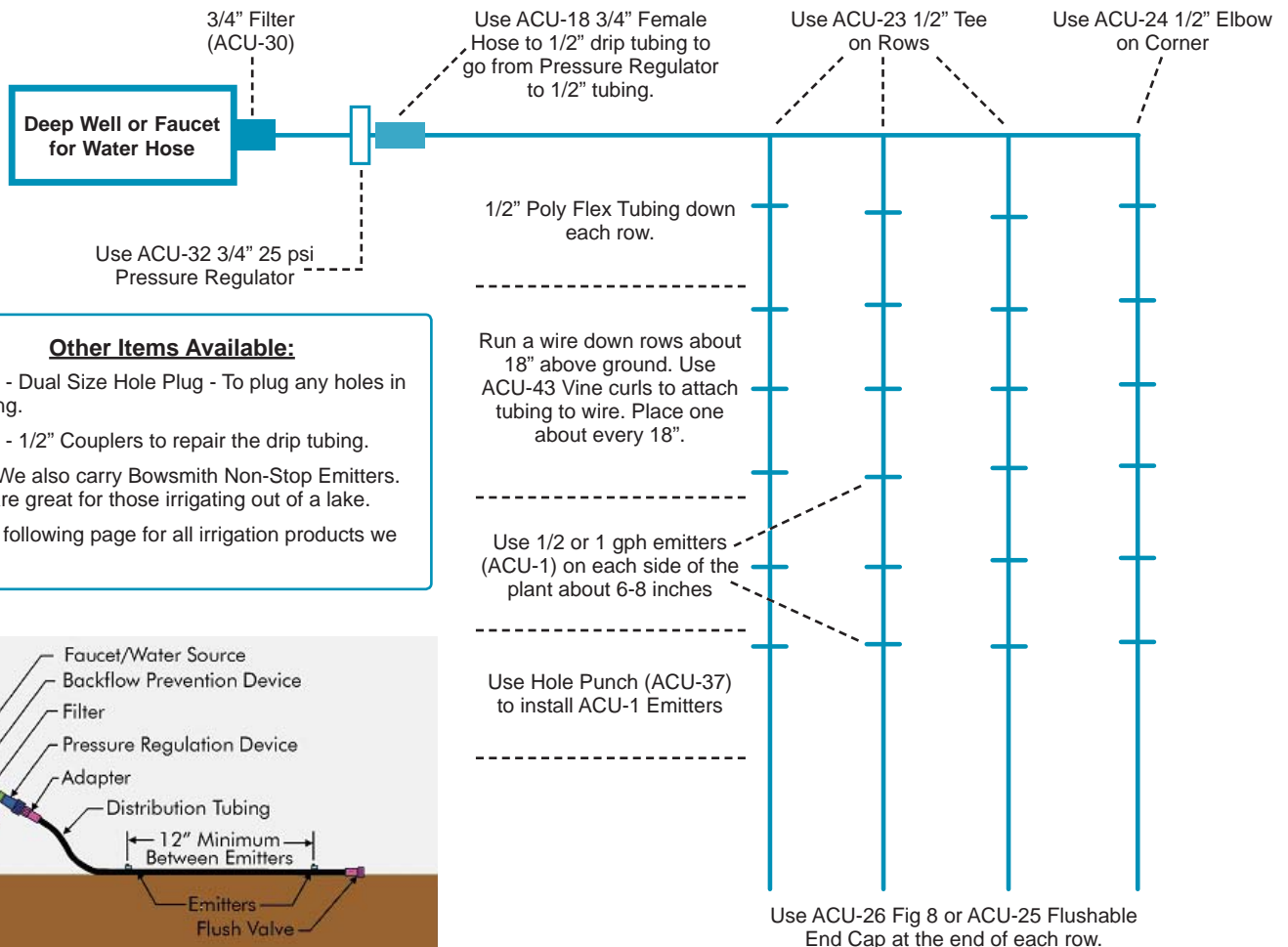


DRIP IRRIGATION IN A VINEYARD

Advantages and Benefits of Drip Irrigation System

- Water Efficiency – Water only goes where needed.
- Ease of Installation – No special tools or glue required.
- Reduced Pest Problems and Weed Growth – Only water the roots.
- Increases Fruit Yields and Plant Quality
- Versatility – Works anywhere in home garden.
- Root Zones – More favorable root zone environment.
- Economy – Save money and lower your water usage.

Irrigation Diagram For Backyard Vineyard



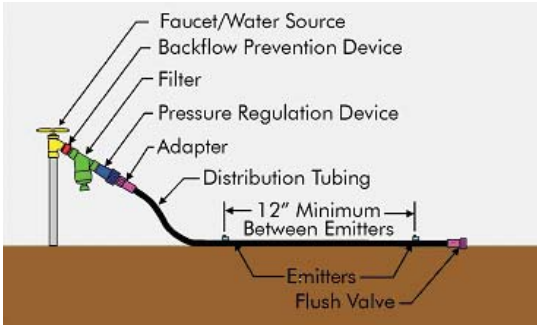
Other Items Available:

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.



EMITTERS

We carry three different types of drip irrigation emitters. These will be sure to meet your watering need for your home garden.

Micro-Flappers –

- Easy Maintenance
- Water drops off emitter, not hose.
- Cannot come apart under pressure.







Bowsmith Non Stop Emitters

- Famed for being nonstop.
- Ideal for irrigating out of lake.
- Continuous Flushing Action which continually flushes small particles while emitter is in operation.



	Part #	Description	Price
Bowsmith	BOW-.5	0.5 GPH, Green	.78
	BOW-1	1.0 GPH, Blue	.78
	BOW-2	2.0 GPH, Red	.78
Microflapper	ACU-.05	0.5 GPH, Brown	.48
	ACU-1	1.0 GPH, Black	.48
	ACU-2	2.0 GPH, Green	.48



Others Parts Needed

	ACU-9	Connector For 1/4" Feeder Tubing	.15
	ACU-15	Hole Plug (Dual Size) Plugs holes no longer needed.	.12
	ACU-37	Hole Punch for Emitters	3.99
	ACU-38	Insert Tool for MicroFlappers	2.13




FILTERS & PRESSURE REGULATORS

Pressure Regulators are designed to control the inlet pressure to the system. Recommended for your drip irrigation zones. We recommend Pressure regulator of 20 or 25psi for your home drip systems.


Filters

	Part #	Description	Price
	ACU-30	Flushing Filter w/Cartridge 3/4" MPT x 3/4" MPT 150 Nylon Mesh	14.95
	ACU-30A	Filter Screen 150 Mesh for ACU-30 Replacement Screen	8.49

Pressure Regulators

	ACU-32A	Pressure Regulator 20psi Recommended for low volume Drip Irrigation Systems.	11.20
	ACU-32B	Pressure Regulator 25psi Recommended for low volume Drip Irrigation Systems.	11.20
	ACU-47	Pressure-Master Regulator 25psi Maintains a constant preset outlet pressure while handling varying inlet pressures.	17.95

Filter and Pressure Regulator Kits











	ACU-48	3/4" Residential Filter Kit 3/4" Jain Filter, 150 mesh nylon screen 3/4" 30 psi low flow pressure regulator 3/4" FPT x 1/2" tubing adapter 1" x 3/4" reducer bushing	37.95
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FITTINGS







Power Loc - We are introducing Power Loc fittings to replace the compression fittings. Power-Loc fittings are the most versatile fitting developed for drip irrigation.

Advantages of Power-Loc Fittings:


- Very easy to install tubing over single barb.
- Positive stop flow to assure tubing is fully installed.
- Low effort, square thread drive ring quickly locks tubing in place – no tools needed.
- Barb design will not slip out or blow off at high pressure and temperature.
- Each fitting will accommodate a wide range of hose diameter and wall thickness.

	Part #	Description	Price
	ACU-18	Female Hose Adapter 3/4" Pipe to 3/4" Hose	2.02
	ACU-19	Female Hose Tee Adapter PL x 3/4" FH Swivel Tee w/Washer	2.43
	ACU-22	Coupler Coupling for 1/2" Drip Tubing	1.10
	ACU-23	Tee Tee for 1/2" Drip Tubing	2.40
	ACU-24	Elbow 90 degree for Drip Tubing	1.95
	ACU-25	Flushable End Cap 3/4" FHT Threaded Cap End Closure	2.25
	ACU-26	End Closure Fig 8 End Line Closure 1/2" Tubing	.30
	ACU-41A	Male Pipe Thread Adapter (1/2") 1/2" tubing to 1/2" MPT	1.75
	ACU-41B	Male Pipe Thread Adapter (3/4") 1/2" tubing to 3/4" MPT	1.75
	ACU-44	Power Loc Coupling w/Ball Valve 1/2" to 1/2" with Ball Valve	2.99

TOOLS & ACCESSORIES

	Part #	Description	Price
	ACU-16	Male Adapter 3/4" Pipe to 3/4" Hose	.98
	ACU-17	Double Female Adapter 3/4" Pipe to 3/4" Hose	3.30
	ACU-27	Y with Shutoff 3/4" FHT x 3/4" MHT	3.75
	ACU-28	Anti-Syphon Vacuum Breaker 3/4" Keeps impure water from syphoning back into water supply	2.93
	ACU-43	Wide Cut Vine Curls Attaches 1/2" Tubig to Wire in Vineyard	.15
	ACU-45	Wire Stapler Holds 1/2" Tubing in Place in Ground	.30

TUBING

	Part #	Description	Price
	TUB-100	1/2" Poly Flex Hose – 100'	24.95
	TUB-500	1/2" Poly Flex Hose – 500'	65.00
	TUB-1000	1/2" Poly Flex Hose – 1000'	99.00
	FTUB-100	1/4" Poly Flex Hose – 100'	14.95

SHIPPING SEASON

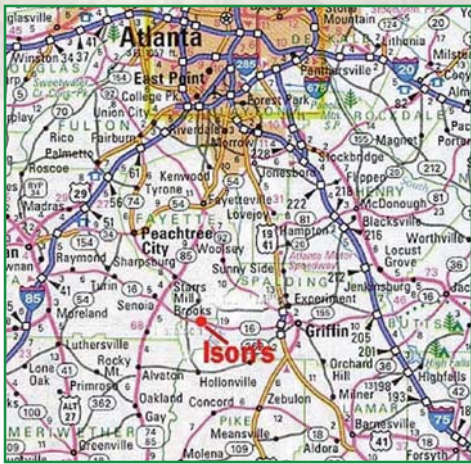
We will begin shipping plants the first week of December or as the plants become dormant. (Plants must be dormant before we begin shipping.) We will ship through April 30th. (Note: See our guarantee below.) These are approximate dates. Muscadine and berry plants are usually ready December 1st or earlier. Some fruit trees may not be ready until late December or early January. To save on shipping costs, we prefer to ship your order once everything is available.

UPON RECEIPT OF MERCHANDISE

If your plants arrive and you are unable to plant them immediately, store in cool dry place where they will not freeze. Plants will keep for 3-4 days after receipt. It is important to ensure that the roots do not dry out. If plants are frozen upon receipt, allow them to thaw completely then plant as directed. If you cannot plant within the above time frame, you may keep plants alive by putting in a trench and covering roots with dirt or using a large bucket to cover roots with dirt and keep roots damp.

PLANTING INSTRUCTIONS

Planting instructions will be included with each order when we ship. They are also available online at www.isons.com. If you have questions, call our customer service at 770-599-6970.

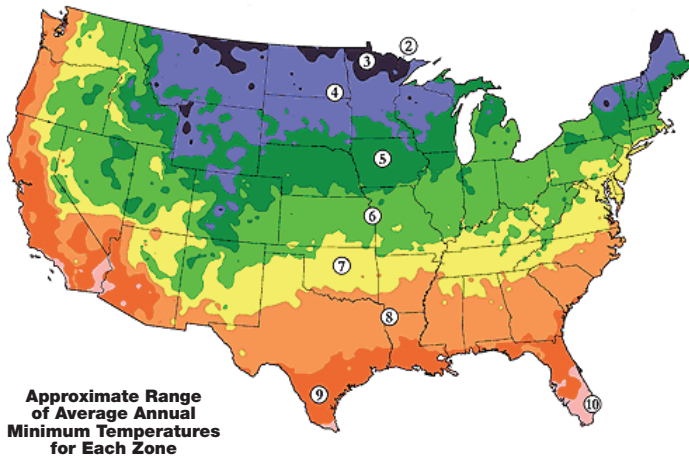


Ison's Nursery & Vineyards

P.O. BOX 190
6855 NEWNAN ROAD
BROOKS, GA 30205
(770) 599-6970
(800) 733-0324
WWW.ISONS.COM

21 miles East of I-85 Exit 41;
22 miles West of I-75 Exit 205;
12 miles West of US 19 & 41;
7 miles East of Georgia 85
on Georgia Hwy. 16

USDA PLANT HARDINESS ZONE MAP



- ② -40°F through -50°F
- ③ -30°F through -40°F
- ④ -20°F through -30°F
- ⑤ -10°F through -20°F
- ⑥ 0°F through -10°F
- ⑦ 10°F through 0°F
- ⑧ 20°F through 10°F
- ⑨ 30°F through 20°F
- ⑩ 40°F through 30°F

Instructions for using Hardiness Zone Map:
Locate the Climactic zone for your area and beside each plant you will find the number that indicates the zone. Some plants may survive in zones warmer or colder than their designated zones.

SHIPPING METHODS

We are currently shipping Fed Ex and Priority Mail through the USPS. If you have a preference, please let us know when you place your order. Larger packages have to ship Fed Ex due to size constraints.

EXPRESS SHIPPING

If you are in a rush to receive your order, ask a customer service representative if express shipping is available for your order. In some cases, we can ship out orders within 1 to 2 days for a nominal fee.

YEAR ROUND PICK UP

You may pick up muscadines, blueberries and blackberries in one gallon containers year round at our nursery. Please call ahead to confirm availability.

SHIPPING RATES

Under \$16.00	\$10.95
\$16.01 - \$50.00	\$15.95
\$50.01 - \$75.00	\$17.95
\$75.01 - \$99.00	\$19.95
\$100.00 - Up	20% of Total Order

Split shipping is available for an extra charge.

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 Federal Express. 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. 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 Grapes Can Be Shipped To Your Door

We now Ship Muscadine Grapes Direct From Our Vineyard to Your Door. Late August through September

Muscadines are picked fresh by hand in the morning, chilled and then shipped in 1 lb clam shells to your door. Share a taste of the south with friends and family.

For details and pricing call (800) 733-0324

www.isons.com





RETURN SERVICE REQUESTED

NEW for 2017



Lane Muscadine
Released in 2016



Hall Muscadine
Released in 2016



Titan Blueberry



Star Blueberry



Chardonel Bunch Grape



Sundowner Apple



Monterrey Pear



Korean Giant Asian Pear



Persian Green Plum



Morris Plum



Bada Bing Cherry



Russian Pomegranate



Giant Fuyu Persimmon



Lang Jujube