

(800) 733-0324 | www.isons.com | 2022



ISON'S



Nursery & Vineyards
FAMILY OWNED & OPERATED SINCE 1934



MUSCADINES

Muscadines are native to the SE U.S. and thrive in hot and humid growing conditions. Vines are easily grown organically due to requiring little to no spraying. Also can be grown in various other parts of the U.S. where weather is similar. If you select a female variety, you must have a self-fertile variety within 50' for pollination. One self-fertile can pollinate 2-3 females. Females produce an average of 40-60 lbs per vine and self-fertile produce an average of 60-80 lbs per vine. A black self-fertile can pollinate a bronze female and vice versa. Muscadines are one of nature's healthy fruits, full of health benefits.

Available Plant Sizes

2 Year Bare-root – Average length is 2-4' with excellent root system.

2 Year Bare-root Plus – Largest and highest quality plants we offer. Average 4-6' in length. Will usually be close to reaching the top wire on your trellis at planting.

2 Year Potted – One Gallon Containers. Gives convenience of planting when you are ready and eliminates guess work of planting depth. For Pickup Only.

Muscadines

2 Year Bare-root		2 Year Potted
Qty	Price	\$13.50 ea
1-6	\$10.95 ea	For Pickup Only
7-20	\$10.25 ea	2 Year Plus
21-Up	\$9.50 ea	\$14.25 ea
Call for volume pricing		

PREMIUM FEMALE PATENT VARIETIES



BIG RED



BLACK BEAUTY



BLACK FRY



DARLENE



EARLY FRY



JANET



PAM

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 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 season. (Developed at INV Patent #7592) Available in 2yr, 2yr plus, 2yr potted.

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

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® – 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® – 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® – 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

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.



SUPREME

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



Majesty® – Beautiful black/female muscadine. It is a cross between Supreme and Triumph. It offers large 1 1/2" grapes, a long shelf life and is disease resistant. The fruit has a firm flesh texture with a relatively thin skin. The vine is vigorous and has good fruit yields. Mid to late season. Exceptional flavor. (UGA Patent 21,965) **\$14.95**



MAJESTY



SWEET MIX

Sweet Mix - Big,
Bold and Beautiful Black Female. Exceptional variety ideal for Fresh Fruit Market and home gardens. Fruit has a superb flavor of 21% sugar and huge size! Very high % dry scar and long shelf life. Ripens mid-season and produces very high yields. Delicious edible skin. (INV Patent Pending). **\$14.95**

PREMIUM SELF-FERTILE PATENT VARIETIES

University of Georgia Varieties

Hall – Bronze Self-Fertile. 18% sugar. Large fruit that is early ripening with beautiful golden skin. Very vigorous and disease resistant. Heavy bearer with sweet and juicy flavor. High dry scar % (UGA Patent: 27,033)..... **\$13.95**



HALL

Lane – Black Self-Fertile. 19% sugar. Produces medium to large berries. Ripens early with berries that have crisp skin and firm pulp. Very sweet with excellent (UGA Patent: 24,141).... **\$13.95**



LANE

NEW Paulk – Beautiful unique self-fertile black variety with large fruit. Produces consistent high yields. Fruit is very sweet and good vigor. Ripens mid-late season. Very high dry scar! Ideal for commercial use. A favorite of many! (UGA Pat Pend)..... **\$14.95**



PAULK

NEW Ruby Crisp – Red Self-Fertile. This unique new variety from UGA is a must have for home gardeners. Produces high yields of large beautiful red fruit that has excellent taste and texture. It is a stand out variety that has become a favorite of many! Ideal for home use. (UGA Pat Pend) **\$14.95**



RUBY CRISP



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 early to mid-season. Edible skin, disease resistant. (Patent #4770) Available 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. Early to mid-season. (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

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***
\$68.95
Regular Price \$83.65

Complete Starter Package:

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

*** Now Only***
\$98.95
Regular Price \$120.55

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 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.



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.

TIP: Muscadine vines like full sun and a well drained soil.

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 mid 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 mid season. 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 early to 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

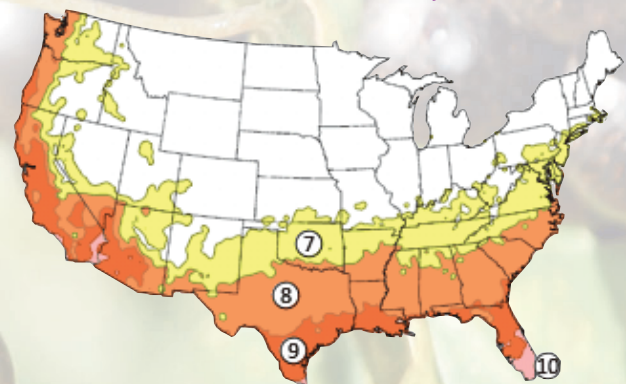
Tara – Bronze Self-fertile. 17% sugar. Good size and quality. Disease resistant. Ripens early to mid-season. Ripens uniformly. Excellent bronze pollinator. Excellent for all uses. Available in 2yr and 2yr potted only.



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

Muscadines can be grown from the coastal side of New York south to Florida, and west to Missouri, Kansas, Oklahoma and Texas. They can also be grown in parts of New Mexico, Arizona and the coastal sides of California, Oregon and Washington State. Muscadines will grow best in zones 7-10. In colder climates especially in zone 6, we recommend banking dirt up around the trunk about 10 inches during the winter.

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 muscadine's 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	CFWJ
Black Fry ©	Pat # 5824	1 1/4	19%	E	G	H	M-L	64%	Female	Black	H	FJ
Carlos	Std.	1/2	16%	F-G	E	M-H	M	82%	Self-Fert.	Bronze	M-H	W
Cowart	Std.	1	17%	G	E	M-H	M	16%	Self-Fert.	Black	M	FJ
Darlene ©	Pat # 7314	1 1/2	22%	G	G	VH	E-M	90%	Female	Bronze	M-H	FJ
Dixie Red ©	Pat # 4770	1	17%	F-G	G	M-H	E-M	21%	Self-Fert.	Red	M	FJW
Early Fry ©	Pat # 9225	1 1/4	18%	G	G	H	VE	66%	Female	Bronze	VH	CFJ
Fry	Std.	1 1/4	21%	F	F-G	L-M	E-M-L	52%	Female	Bronze	M-H	CF
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	CF
Hall (UGA)	Pat # 2703	1 1/8	18%	G	G	M-H	E	90%	Self-Fert.	Bronze	H	CF
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	CFWJ
Janet ©	Pat	1 1/8	21%	G	E	VH	M	35%	Female	Bronze	M-H	F
Lane (UGA)	Pat # 24142	1 1/8	19%	E	G	M-H	E	90%	Self-Fert.	Black	H	CF
Late Fry	Pat # 9224	1 1/4	20%	E	E	H	VL	95%	Self-Fert.	Bronze	H	CF
Magnolia	Std.	1/2	15%	F-G	G	M-H	M	15%	Self-Fert.	Bronze	M-H	WJ
Majesty (UGA)	Pat # 21,965	1 1/2	20%	G	G	H	M	88%	Female	Black	M-H	FJ
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	CFJ
Paulk (UGA)	Pat Pending	1 1/4	21%	G	G	H	M	90%	Self-Fert.	Black	H	CFJ
Pineapple ©	Pat # 7268	1	16%	E	G	M	M-L	47%	Self-Fert.	Bronze	VH	FJ
Ruby Crisp (UGA)	Pat Pending	1 1/2	21%	F	G	M	M	40%	Self-Fert.	Red	H	FJW
Scuppermong	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	CFJ
Sweet Jenny ©	Pat # 5831	1 1/2	23%	G	G	VH	E-M	80%	Female	Bronze	M-H	CF
Sweet Mix ©	Pat Pending	1 1/4	21%	E	G	M	M	92%	Female	Bronze	VH	CFJ
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

C=Commercial
F=Fresh Fruit/
Home Orchard
J=Jelly & Jams
W=Wine



NOBLE



TARA



ISON

ISON'S FAVORITES

For Wine

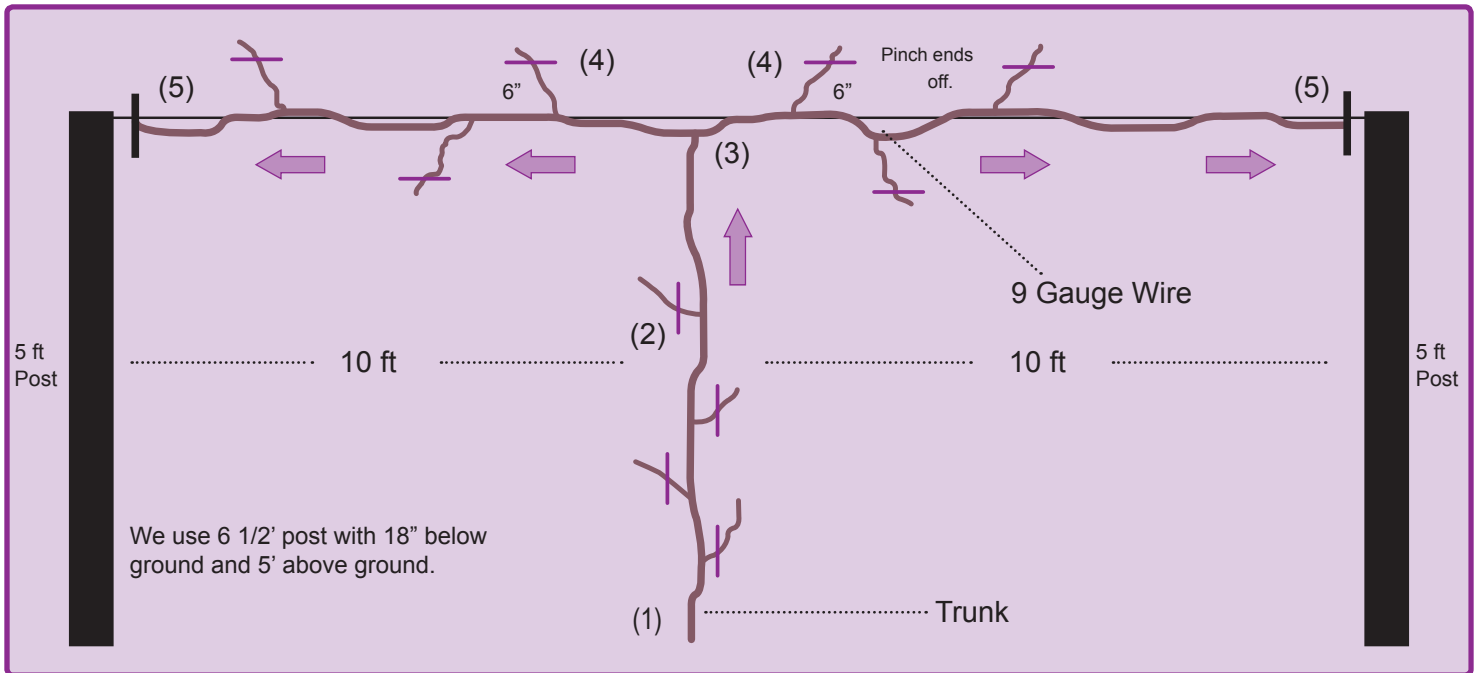
Ison - Noble - Tara - Carlos
Dixie Red - Creek

For Jam, Jelly or Preserves

Ison - Sugargate -
Black Fry - Tara

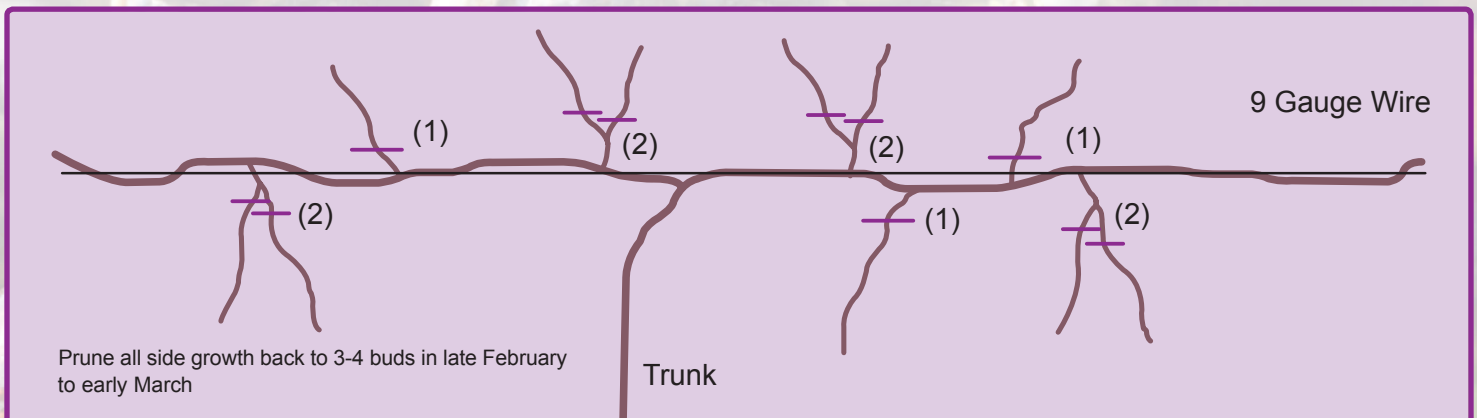


Developing the Muscadine Vine



- (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 the vine reaches 10' down the wire, keep the main vine cut to 10'. Now you can allow side growth to develop on the main vine.

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	\$1.80 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	\$1.80 ea	\$2.80 ea
Box of 100	NA	2.50 ea
Box of 250	1.25 ea	NA
Replacement Poly Sleeves		
Each	.70	.90

Training/Pruning

Zenport QZ402 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) \$28.95



Zenport Z103

Economical choice for professionals. Perfect for harvest and pruning. Die-cast construction. Tough, replaceable blade. Length: 8.5" \$12.95

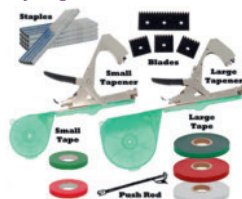
Grapevine Ag Ties



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 \$9.95

Each \$0.25



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 \$10.95



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 \$22.95



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 \$22.95



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) \$28.95



Gripple Tensioning Tool



Allows tensioning of wire up to 880 lbs with minimal effort. Easy to use and lightweight for repetitive tensioning. Will work on all Gripple Joiners. \$64.95

Gripple Wire Joiners



Save time and effort when joining wires. Wires are simply pushed through the joiner in each direction. The one way grip firmly holds wire in place. Long lasting stainless steel springs \$2.50

Wire Vise

Used to secure your smooth wire to the end post. The embossed jaw teeth prevent the wire from being pulled out. To tighten wire, use a Come Along with wire clamps, hammer claw or the Gripple Tool. Load wire through the pointed (cone) end first. \$4.49 ea



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	\$10.95 ea
11-20	\$9.95 ea
21-up	\$8.95 ea



CONCORD



CONCORD SEEDLESS



HIMROD



JUPITER



MARS



NEPTUNE



RED FLAME



RELIANCE



SUNBELT



THOMCORD



THOMPSON SEEDLESS



VANESSA

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.

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.

NEW Sunbelt – Concord-type grape withstanding high summer temps better than Concord. Ripens evenly. Great all-purpose grape that is easy to harvest! Great for fresh eating, juice, jams and pies. Very winter cold hardiness with large leaf canopy and disease and bird resistance. Perfect for arbors. Zones 5-8.

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.

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.

NEW BUNCH GRAPES – \$14.95



HOPE



JOY

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.

WINE VARIETIES – \$13.95



BLANC DU BOIS



BLACK SPANISH



CYNTHIANA



ENCHANTMENT



LOMANTO



OPPORTUNITY

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.

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 Enchantment – Deep-colored medium-sized berries with large, semi-loose clusters. Wine characteristics include a deep, red color with a good fruit aroma. Produces a nice dry, robust red wine. Zones 4-7.

NEW Lomanto – This black grape is perfect for Southern gardens!! Resistant to Pierce's disease, rot and mildew. Produces large cone shaped clusters of sweet, soft and juicy fruit with few small seeds. Makes excellent Red Wine. Zones 6-9.

NEW Opportunity – White wine grape released in 2016. Medium-sized berries on large, tight clusters and neutral-flavored juice. Wine has distinct fruit flavors and honey aroma and a light-gold color. Zones 4-7.

BERRIES

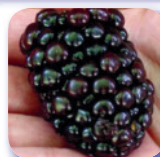
We offer a large selection of healthy and delicious berries including the hard to find Goji and Elderberries. Berries are among the easiest fruits to grow and require minimal space. We recommend planting a variety of berries so that you have fruit all summer long. It's just not summertime until you have 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
1-10	\$5.40 ea
11-25	\$5.10 ea
26-Up	\$4.50 ea



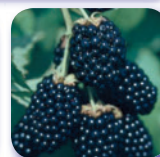
KIOWA



NATCHEZ



NAVAJO



OUACHITA



PONCA



PA FREEDOM



PRIME ARK 45



VON

UPRIGHT (ERECT) VARIETIES

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

Caddo – New Release of Univ. of Ark. A thornless high-flavor blackberry with high fruit quality, excellent post harvest fruit-handling potential, consistent high yields and excellent plant health. The berries are larger than Osage and Ouachita. Chill hour requirements should be around 300, with hardiness comparable to Ouachita. Zones: 5-9

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.

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.

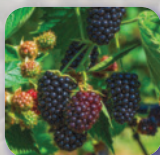
Natchez – Thornless, newest release from Univ. of Ark. (Patent Pending) Very large berry that produces huge crops. Ripens before Apache and Ouachita. Patent #20891. Zones 4-9.

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.

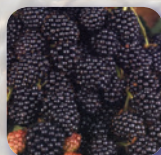
Ouachita – Large, upright thornless berry. Produces very high fruit yields over a five week period. Ripens mid-season between Arapaho and Navaho. Patent #17162. Zones 5-9.



APACHE



CADDO



DARROW

NEW Ponca – Sweetest blackberry by Univ of Ark. Thornless, upright and early ripening. Can produce a 2nd crop that begins ripening about 14-20 days after the 1st crop. Very large size. Keeps firmness and sweetness even in rainy conditions. Very high-yielding, great for your home orchard and an excellent commercial variety. Zones 5-9. **SPECIAL PRICE: \$7.75**

Prime Ark Freedom – Large, sweet and thornless variety. The first fruiting primocane blackberry. Produces two crops with 2nd in Fall.. Very disease resistant. Produces exceptional fruit ripening 11 days before Natchez. Zones 6-9.

NEW Prime Ark 45 – Prime Ark 45 is a thorny upright blackberry by Univ of Ark. Fruit size is medium-large. Fruit holds up well after picking and is suitable for shipping. Fruits after Natchez and before Ouachita. Zones 6-9.

Von – 1st thornless upright release by NC State. Very productive with high yield in late harvest season. Fruit is very large with small seeds. Excellent for home use. Great flavor! Zones 5-9.

TRAILING VARIETIES

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.

NEW Sweetie Pie – This trailing berry is sweeter than most other thornless varieties with very high sugar content! Excellent flavor with large juicy berries. Tested in the south and tolerates heat very well. Ripens in mid June to late July. Zone 7-10.

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



CHESTER



SWEETIE
PIE



TRIPLE
CROWN

JOSTABERRY



Jostaberry – A cross between black currant and gooseberry producing flavorful sweet and satisfying berries with pleasant aftertaste. 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:
\$10.95



RASPBERRIES



CAROLINE RED

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.

Raspberries

Qty	Price
1-10	\$5.40 ea
11-25	\$5.10 ea
26-Up	\$4.50 ea



CUMBERLAND BLACK

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

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

Double Gold – Fruit is sweet, large and golden champagne-colored. Produces two harvests per season. The first year of planting, the initial crop is produced in the fall on the tips of the current year's canes and a second crop is produced further down the same canes the following summer. Always a favorite in taste tests. Zones 5-8.

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.

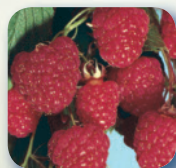
Latham – Fruit is abundant with deep large berries that produce mid to late summer. Berries freeze well and make excellent preserves. Vines are thorny and upright. Very cold tolerant. Zones 2-6.



DORMA RED



DOUBLE GOLD



HERITAGE



JEWEL



LATHAM

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.

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.

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	\$10.95 ea
11-25	\$10.25 ea
26-Up	\$ 9.75 ea
Call for volume pricing	
Potted Blueberries	
\$10.95 pick up	



BRIGHTWELL



OCHLOCKONEE



POWDERBLUE

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.

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.



PREMIER



VERNON



NEW Krewer™ – This new release from UGA is sure to please and impress. Berries are very large and very sweet and ripens early season. Produces very high yields and suitable for all uses. A great companion for Titan.\$13.75



NEW Titan™ – Produces HUGE berries with many as large as a quarter. This early to mid season producer is larger than any rabbiteye released to date. The berry color and flavor are excellent with great shelf life. Ideal for home, commercial and u-pick. Zone 6-9.\$13.75

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.

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.

Sold in Pairs Only \$14.95 pair
(1 Adams, 1 John)



JOHN

STRAWBERRY PLUGS

Plant in the fall and start picking sweet, large, juicy berries in Spring! Ideal for both commercial and home gardener. NOTE: Shipped in Trays of 50 between September 1st and October 15th.



Advantages of Strawberry Plugs

- Shipping northern states Sept. and southern states Oct.
- Less plant loss – only 1%.
- Have intact root ball.

Plant Plugs

Qty	Price
50	\$38.95
100	72.95
500	325.00
1000	525.00

VARIETIES AVAILABLE:

CAMAROSA CHANDLER SWEET CHARLIE

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.



CHANDLER

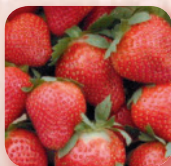
Eversweet – Sweet everbearer with long large cone-shaped fruit and delicious flavor. Produces all summer through the heat (100 degrees F) and into the fall. Ripens each summer and continues to fruit into fall. Zones 5-10.

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.

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.

CURRANTS

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

Currants

Size: 2' \$13.95 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. Zones 4-8.

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. Zones 2-8.

White Imperial – Same size as Red Lake. Produces white translucent fruit with pink blush. Richest and sweetest flavor of all currants. Very disease resistant. Zones 3-8.



CRANDALL BLACK



RED LAKE



WHITE IMPERIAL

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.

Specialty Berries
\$7.50 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.

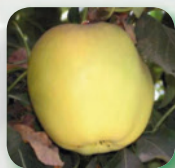
Apples 2 year
Size: 4-5'
1/2" Caliper
Price \$27.25 ea
Instant Orchard 6-7'
1" Caliper \$63.95



ANNA



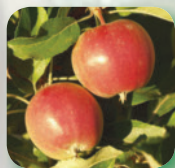
ARKANSAS BLACK



DORSETT



FUJI



GALA



GRANNY SMITH

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 – 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 – 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 – 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 – 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 – 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.

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.



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. **\$29.95**



HONEY CRISP



MCINTOSH



MUTSU

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.

McIntosh – Very popular sweet and tart flavored apple! Fruit has green speckled skin, soft flesh with an old-fashioned apple cider flavor. Produces heavy crops that ripen around mid-September. Crops persist into early winter, as this tree is hardy and can easily withstand colder temperatures. Adaptable to a wide range of climates. Zones 4-8. Pollination Code C.

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.

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.

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.



RED DELICIOUS



STAYMAN WINESAP



YATES



YELLOW DELICIOUS

CRABAPPLES • PEARS

COLUMNAR APPLES



GOLDEN
SENTINEL



SCARLET
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. Bears delicious fruit along the trunk. Often bears the year after planting. Zones 4-9.

Columnar Apples
Size: 2-3' \$29.95

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. 400 chill hours.

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. 550 chill hours.

CRABAPPLE TREES



CALLAWAY



DOLGO



TRANSCENDENT

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'
1/2" Caliper
Price \$27.25 ea
Instant Orchard 6-7'
1" Caliper \$63.95

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.

Dolgo – Produces pink buds that open to fragrant, white flowers. The bright red to purple fruit ripens in August with size of small plums. Excellent for jelly making. Good food source for wildlife through the Fall. 400 chill hours. Zones 3-8.

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.

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.

NEW

Ayers – Yellow pears with a red blush fruit. A bite into this old southern favorite will reveal a smooth, sweet and melting flesh. Has a high resistance to fire blight disease. Displays clusters of fragrant, pink and white flowers in the Spring. Produces a heavy crop of medium-large sized pears. 600 Chill Hours. Zones 6-9.

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.

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.

Pears 2 year
Size: 4-5'
1/2" Caliper
Price \$27.25 ea.
Instant Orchard 6-7'
1" Caliper \$63.95



AYERS



BARTLETT



KIEFFER



MOONGLOW



ORIENT



PINEAPPLE



SECKEL (SUGAR)

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.

Hosui – One of the best flavored Asian pears. Very round and large. Combine the flavor and sweetness of Pears with the crunchiness of crisp Apples. Flavor is sweet and slightly tart. Produces excellent quality fruit with a slightly higher acid content than other Asian pears. Best for fresh-eating but also makes great pies! Has an attractive golden-russet skin. 400 Chill Hours. Zones 6-9.

Asian Pears 2 year
Size: 4-5' \$27.25 ea
1/2" Caliper
Instant Orchard 6-7'
1" Caliper \$63.95



HOSUI



KOREAN GIANT



SHINKO

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. Zones 5-9. 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'
1/2" Caliper
Price \$27.25 ea
Instant Orchard 6-7'
1" Caliper \$63.95



AU RUBRUM



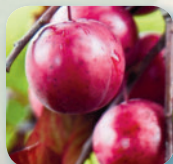
BEAUTY



BRUCE



BURBANK



BURGUNDY



GOLDEN NECTAR



METHLEY

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.

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.

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.

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.

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.

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.

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.

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.

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



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'
1/2" Caliper
\$27.25 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'
1/2" Caliper
Price \$27.25 ea



BLENHHEIM



MOORPARK



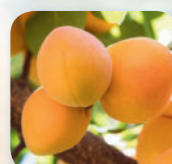
SHIRO-KAGA

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 – 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.

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.

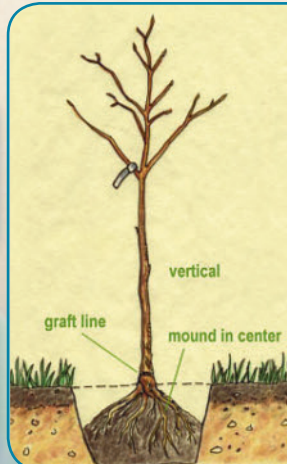
Tilton – Unique medium size heart shaped golden yellow fruit with delicious flavor. Perfect for canning and drying! Also used as fresh eating. Very vigorous. Produces profuse clusters of pink flowers in Spring. Resistant to late frost. 600 chill hours. Zones 5-9.



TILTON

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'

1/2" Caliper \$27.25

Instant Orchard 6-7'

1" Caliper \$63.95



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.

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 – 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.



EARLY
GRANDE

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.

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.

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 \$27.25



BONANZA

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.



Bonfire – A compact dwarf purple-leaf peach with beautiful spring blossoms covering every branch. Beautiful tree even when not in bloom.



BONFIRE

Grow 4-7' tall. Fruit is edible and greatest for pies and canning. 400 chill hours. Zones 5-8.

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 \$27.25
Instant Orchard 6-7'
1" Caliper \$63.95



Amore Sweet – Amore Sweet is an early mid-season, high-yielding, low acid, very sweet, clingstone, firm-fleshed, nectarine with good storage potential and bacterial spot resistance. Red Blush over a Yellow flesh meat. 800 chill hours. Zones 5-8.



AMORE SWEET



Bradley – Yellow-fleshed clingstone nectarine with standard acidity and a distinct 'nectarine' flavor. Ripens mid-season and produces large fruit with good postharvest storage potential. 800 chill hours. Zones 5-8.



BRADLEY



KARLA ROSE

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

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.



SUNGLO

TIP: Plant fruit trees at least three feet from sidewalks and driveways and six feet away from buildings, as roots will spread wider than the tree crown.



FLORIDA CREST



FLORIDA KING



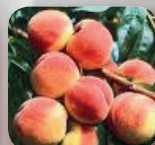
HARVESTER



LORING



MAJESTIC



RED GLOBE



RED HAVEN



REDSKIN

CHERRIES • FIGS

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'	\$27.25 ea
1/2" Caliper	
Instant Orchard 6-7'	
1" Caliper	\$63.95

Bing – This cherry is one of the most popular varieties. Bing is also used as the standard for quality because of its 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 Rainier. 900 chill hours. Zones 4-8. Available in Instant Orchard.



BLACK TARTARIAN

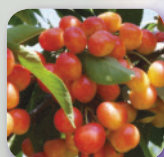
Compact Stella – The Compact Stella breaks all the rules and is a must for the home gardener with limited space. This semi-dwarf (10-12 ft) cherry tree produces large dark-red fruit that is firm and sweet. The compact Stella has delicious fruit that is more resistant to cracking. The tree is small and compact, bears at a young age and is self-fertile. Zones: 5-8

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.

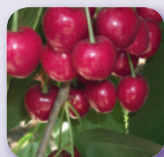
Stella – This variety produces a huge crop of cherries without a pollinator. Fruit is large, heart-shaped with a dark red color. Cherries have a sweet, juicy flesh. Tree is very vigorous. Ideal pollinator for other sweet cherries. Ideal for home orchards. 700 chill hours. Zones 5-8. Available in Instant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



COMPACT STELLA



RAINIER



STELLA

TART CHERRY

Tart cherries are best known as the key ingredients in desserts. Usually hard to find in your local grocery stores. Fruit is usually smaller than sweet cherries. Grow in a wide range of climates.

Montmorency – Tart cherry perfect for pies. Very large, bright red and clear juice. Flavor is tart and tangy. Very cold hardy and disease resistant. Grows to 15'. Tart cherries can pollinate sweet cherries. Ripens late June. Self-fruitful. 650 chill hours. Zones 5-8.



MONTMORENCY

CHERRY TREES FOR THE SOUTH



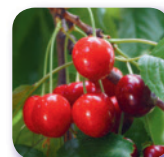
CRAIG'S CRIMSON



MINNIE ROYAL

NEW **Craig's Crimson** – A naturally semi-dwarfing self-fertile tree. Cherries are dark red to nearly black with a sweet, spicy and delectable flavor. Bears in 2 to 3 years. Ripens mid-summer. Chill hours: 500-600. Zones: 4-8. Fully mature trees grow to about 10-12' tall and wide.

NEW **Minnie Royal** – A tasty new low-chill cherry with medium-sized red fruit. Firm fruit with good flavor. Ideal for the south. Usually first cherry to bloom and ripens 11-14 days prior to Bing. 450 chill hours. Zones 7-10.



ROYAL CRIMSON

NEW **Royal Crimson** – A low-chill self-fruitful sweet cherry. Produces consistent large, tasty, crimson-red fruit. Harvest is early to mid-May. Ideal pollinator for Minnie Royal. 200-300 chill hours. Zones 7-10.

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.

Figs 2 year	
Size	Price
2-3'	\$20.25 ea
3-4'	\$25.25 ea
Instant Orchard 6-7'	
1" Caliper	\$63.95

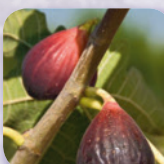
Black Mission – A favorite with medium to large fruit. Heavy bearer that produces sweet, pear-shaped fruit with purplish-black skin and strawberry-colored flesh. Very rich flavor. Great for jellies, jams and fresh eating. Ripens Summer to Fall, 100 chill hours. Zones 7-10.



BLACK MISSION

Brown Turkey – Still one of the best eating figs. A very heavy producer of medium to large bell shaped figs. Skin is purplish-brown with amber flesh. Flesh is very sweet and tender and great to eat off tree. Ripens mid to late season. Often bears 2 crops per year. 100 chill hours. Zones 6-9.

Celeste – Very sweet flesh with rich, honey flavor and often called "sugar fig." Produces medium sized figs with brownish color skin and rose flesh. Very popular variety and cold hardy. Excellent for preserves and dried fruit. 100 chill hours. Zones 6-10.



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.

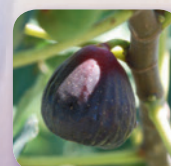
Texas Everbearing – Produces large brownish to purple fruit that is high quality with amber flesh. Excellent for preserves. Fruits continuously for a 60-70 day period from early in the season to the end of summer. Produces light first crop followed by heavy second crop. Zones 7-10.



CELESTE



LSU PURPLE



TEXAS
EVERBEARING

POMEGRANATES • MAYHAWS • 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.

Pomegranate

Size	Price
2-3'	\$24.95 ea
3-4'	\$29.95 ea
Instant Orchard 6-7'	
1" Caliper	\$63.95



GRANADA



WONDERFUL

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 – 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.

RUSSIAN POMEGRANATES



AFGANSKI



PARFIANKA



SALAVATSKI

Afganski – A favorite and a consistent heavy producer of very large fruit. Juice has a very nice sweet and tart flavor. A great choice for the hot and humid southeast. Height 10' – Bears fruit in two years. Ripens late September to early October. Zones: 7-9.

Parfianka – The fruit is quite large and highly colored in beautiful bright red. The arils are large and bright red with a very small, soft, edible seed. The fruit is of the highest quality. 100 to 200 chill hours. Self-fruitful Space 10' Zone 7B - 9.

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.

Russian Pomegranate

Size	Price
2-3'	\$24.95 ea
3-4'	\$29.95 ea
Instant Orchard 6-7'	
1" Caliper	\$63.95

TIP: Pomegranates may be grown in part shade but ideally should be placed somewhere with as much sun and warmth as possible. For a good harvest, your tree should get at least six hours of full sun per day

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.

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.

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.

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.

Persimmon Trees

Size: 3-4'
Price \$24.95 ea
Size: 4-5'
Price \$31.95 ea
Instant Orchard 6-7'
1" Caliper \$69.95



FUYU



HANA-FUYU



JIRO



MATSUMOTO



TANENASHI

TIP: Persimmons need about an inch of water per week during growing season. If you get that through rain, you can sit back and watch your plants grow.

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' \$41.95 ea



LANG

Lang – Produces beautiful fruit that is 1½" long and pear shaped. A more upright grower than Li. Ripens early to mid-season. 150 chill hours. Zones 5-10.

Li – This variety produces fruit among the largest of any jujubes. They reach around 2 inches in diameter and have excellent flavor. 150 chill hours. Zones 5-10.



LI

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

Chestnut
Size: 4-5' \$30.95 ea

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. 400-500 chill hours. Zones 4-9.

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.



AMERICAN HAZELNUT

Hazelnut
Size: 4-5' \$26.95 ea

American Hazelnut – Clusters of 2-6 round, small nuts with smooth, thick shells.; easy to crack. Sweet round kernels shell out whole. Distinctive taste. Shapely shrub grows 6-10' but can be pruned into a tree. Brilliant bronze leaves in the fall. Bears in 2-3 years. Plant two ore more for cross-pollination. Ripens Sep to Oct. Zones 4-9.

WALNUT TREES

English Walnuts have exceptional food value. One pound of walnut meat is equal in nutriment 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

Walnut
Size: 4-5' \$30.95 ea

A major characteristic of the black walnut is its deeply-furrowed black bark. They reach heights of 70-150 feet. The tree is prized for its beautiful wood and the tasty nuts which are avidly harvested in autumn. Black walnut is known as the finest wood in the world.



BLACK 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 – 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.

White Walnut – Also known as the butternut. Beautiful spreading trees that have a tropical feel. Produces most pleasant shade and the nuts are delicious. Nuts taste like mild walnut with a slight butteryness. Fast growing tree growing several feet per season. Leaves are big and over one foot long. Grows to 40' and often wider than tall. Nuts can be harvested August through September. Nuts are in sticky green husk that stain like black walnuts. Zones: 4-8.



WHITE WALNUT

ALMOND TREES

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

All-In-One Almond
Size: 4-5' \$30.95 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' \$32.95 ea
Size: 4-5' \$39.95 ea
Instant Orchard \$63.95

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

Kanza – The Kanza Pecan is an excellent easy shelling pecan. The nuts mature early around mid September. This variety is incredibly disease-resistant to pecan scab as well as many other diseases and insects. This tree provides wonderful shade and produces very large yields of golden nuts. This variety is also heat tolerant. Does require pollinator. Nuts/lb: 74 Zones: 6-9.



KANZA

Mahan – A very large but slender, thin shelled nut about 2 1/2" long The kernels are richly flavored and of very high quality. The trees grows very fast and is a much earlier producing pecan than most other pecan trees. The nuts mature late in the season. Nuts/lb: 35 Zones: 6-9.



MAHAN

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.



PAWNEE



STUART



SUMNER

SPECIALTY FRUITS & VEGETABLES

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' \$44.95 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.



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' \$34.95 ea



ORANGE

Orange – Prized for its very large crops of bright, aromatic and flavorful yellow fruit. Make delicious preserves and baked goods. 300 Chill Hours.



SMYRNA

Smyrna – Produces very large, pear shaped fruit with yellow skin and flesh. Flesh is tender and excellent. 100 chill hours.

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



PINEAPPLE
GUAVA

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 – 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. 50 chill hours.

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
Size: 4-5' \$41.95

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.

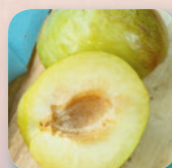


COT-N-CANDY

NEW Flavor Queen Pluot – This delicious fruit is 70% plum and 30% apricot. Smooth skin like a plum with a luscious flavor. Fruit has chin-dripping juiciness and one of the sweetest fruits you will taste. Pollinate with Japanese Plum. Ripens early August. 500 chill hours. Zones 6-9.

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 Nectarplum – 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.



FLAVOR QUEEN
PLUOT



SWEET TREAT



SPICE ZEE

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' \$48.95 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

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

FUZZY KIWI

Produces popular fruit found in the supermarkets. A beautiful and vigorous vine with large, showy, white fragrant flowers. Hardy to 0 degrees and produces heavy crops. Fruit

Fuzzy Kiwi
Size: 2-4' \$21.95 ea



HAYWARD



SAANICHTON

ripens in October. Likes 1/2 day to full sun, well-drained soil and pests are not a problem. Females need a male for pollination and will begin bearing 3-4 years after planting. Great for arbors, trellis or fence. Zones 7-9.

Hayward – Popular variety found in most stores. Produces large, sweet and attractive fruit is especially delicious when home grown and vine ripened.

Saanihton – This variety is well suited for the backyard grower. The fruit is large and sweet and ripens about one week before Hayward. Most cold hardy variety.

Male – A beautiful ornamental vine with large, fragrant flowers and foliage. One male will pollinate up to 8 females and does not bear fruit.



MALE

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' \$21.95 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 – The Male Kiwi is 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

RHUBARB

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
\$6.95 ea
1 yr



VICTORIA

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

MULBERRY



PAKISTAN

Pakistan – This tree is the "King" of fruiting mulberries producing 3½"-5" long black berries. Very sweet with a raspberry like flavor. Juice does not stain. Long fruiting season from late spring to mid-summer. Self-fertile. 400 chill hours. Zones 6-10. Available in Instant Orchard.

Mulberry
Size: 4-5' \$41.95 ea

HORSERADISH



A coarse, weedy looking herb. Lives 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
\$6.95 ea
1 yr

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 \$14.50



MARY WASHINGTON

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

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.

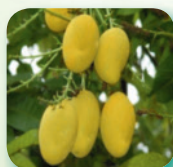


JERSEY GIANT

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



PAW PAW

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.

What is a chill hour?

The number of hours below 45 degrees in winter. Fruiting plants need to rest during winter. Notice how many chill hours a plant requires in descriptions.

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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$63.95 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 - \$69.95 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 - \$63.95 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 - \$63.95 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.

FLOWERING SHRUBS & TREES

FLOWERING TREES

Kwanzan Flowering Cherry – Most popular and the hardest 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
\$25.95 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.

NEW **Pendula Weeping Cherry** – Stunning pink blooms appear each spring and provide an explosion of color through the summer. This tree features long branches that grow upright then begin gracefully cascading down like an elegant chandelier. Perfect for small spaces and grows to 25'. Bright yellow leaves in the fall. Grows vigorously even in poor soil, heat and drought. Zones 4-8.

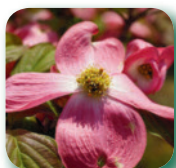
NEW **Profusion Crabapple** – A spreading, violet-red-flowered crabapple that typically matures to 15-30' tall. It is noted for its rounded shape, violet-red flowers, red fruit and good disease resistance. Flowers are followed by bright red crabapples (to 1/2" diameter) that mature in fall and may persist into winter. Zones 4-8.

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. Zones 5-9.

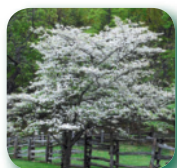
NEW **Purple Leaf Plum** – The perfect small ornamental tree for your yard! Its leaves emerge bright red after a beautiful display of jaw dropping soft-pink flowers in early spring. As the blooms fade new leaves emerge brilliant red. As they grow, they age to a bold, deep red-purple. The colors of these leaves hold through fall. A fantastic small tree that gets around 15'. Grows vigorously in Zones 4-9.



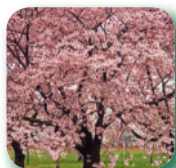
PINK DOGWOOD



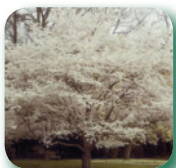
RED DOGWOOD



WHITE DOGWOOD



KWANZAN
FLOWERING
CHERRY



YOSHINO
FLOWERING
CHERRY



PROFUSION
CRABAPPLE



PURPLE
LEAF PLUM



PENDULA
WEeping
CHERRY

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
\$24.95 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.



CHINKAPIN OAK



GOBBLER OAK



SAWTOOTH OAK



WHITE OAK

Winter Fruit Tree Pruning:

Prune fruit trees in mid-late winter.

Remove weak, injured or narrow-angle branches, the weaker of any crossing or interfering branches, and one branch of forked limbs. You want to keep your tree from becoming too thick and crowded.

Train young trees to grow in a spreading shape.

Keep in mind the image of a mature tree as you prune away buds or twigs. Your goal is to develop a strong tree with a branch structure strong enough to support heavy crops. You also want to prune so that plenty of sunshine gets in. You do not want the branches to be so thick and tight that sunlight cannot reach the fruit. Prune to admit more light to the center of the fruit tree.

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

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 3 Month Slow Release Fertilizer will meet all of your fertilizer needs. 14-14-144 lbs. - \$14.95



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 get bigger brighter strawberries, increased berry yields and vigor. One pound treats up to 500' of new or 250' of existing beds..... 1 lb. - \$9.99



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

Ferti-lome Fruit, Citrus and Pecan Tree Food – Supplies Nutrients for Pecans and Fruit Trees. Aids in the production and maturing of fruit trees. Promotes fast growth and plant strength (19-10-5).....4 lbs. - \$11.95

Calcium Nitrate – Adds nitrogen and calcium to growing crops. Rate of 1 cup per 50' row. Recommend ¼ lb. per plant.....5 lbs. - \$10.95

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.....4 lbs. - \$19.95

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. Specially formulated acidifier creates perfect soil for plants to thrive. Contains Sulfur.6 lb. Bag - \$13.95

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

Hi-Yield Triple Super Phosphate – Boosts blooms. 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 formulated to mix with water to control fungus disease on fruits and ornamentals.12 oz. - \$19.95



Ferti-lome 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. - \$15.95



Bonide Fruit Tree Spray – Controls both insects and diseases on Fruit trees, Flowers, Evergreens and Strawberries1 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 F1 qt. - 16.95



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 vegetables1 qt. - \$22.95



Bonide Fungonil Concentrate – Truly all purpose. Controls numerous disease on fruits and vegetables. Use as little as 1-1/2 tspn.8 oz. Concentrate - \$21.95



Bonide Neem Oil – Pest control for the organic gardener! Mix concentrate according to label to control all stages of insects and mites, from eggs and larvae to adults. Also controls fungal diseases like black spot, leaf spot, scab, and mildew. Neem oil, derived from the Neem seed, may be safely used on a wide range of plants and trees. Can also be used as a dormant spray for overwintering pests.1 qt. - \$19.99



NEW Bonide Infuse Systemic Disease Control – Powerful systemic protection. On fruit trees prevents black spot, dollar spot, rust, brown patch, powdery mildew, leaf spot, and more. Won't wash off. Provides disease control for up to a month. Also proven to encourage turf rooting and improve color in woody shrubs. Mix as little as 1/2 teaspoon per gallon for great results. Read label for further information.....\$29.99



NEW Hi-Yield Herbicide Granules Weed and Grass Preventer – Easy way to prevent weed growth in home gardens, flower beds, around fruit trees and shrubs. Apply granules as early as possible in the growing season for season-long weed control. Can be applied anytime around plants. Controls: Annual Bluegrass, Crabgrass, Johnson grass, Barnyardgrass and other types of grass and flowers.\$13.99

ORGANIC GROWING AIDES



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

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.....4 lbs. - \$16.99

GROWING AIDES

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) Realistic 6' inflatable snake especially effective against birds. Helps reduce fruit losses..... \$8.49

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



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.

Bird-X	
Size	Price
7' x 20'	\$12.99
14' x 14'	12.99
28' x 28'	36.99
14' x 45'	26.99
14' x 75'	36.99

Deer-X

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

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 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

PH levels in your soil are vital for success. This kit is extensive yet simple. Test results allow the gardener to amend and fertilize properly.\$40.95



Rapitest 3-Way Analyzer (1835) - 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 Soil Test Kit (1612) - 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 - \$9.99
1 Single Test for pH - \$1.99



MISC. GROWING AIDES

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.



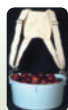
3' x 25'	\$10.95
3' x 50'	\$16.95
3' x 100'	\$29.95

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 - \$3.50 each
Pkg of 10 - \$29.95

Picking Bucket with 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 HarnessAvailable \$12.95 ea



Twist Tie with Cutter - Use to secure plants and tie up limbs. Built in cutter makes it easy to use.
100' roll.....\$4.95



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

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

Each\$3.75



Limb Spreaders

Package of 10

Size	Price
6"	\$5.99
9"	\$6.99
12"	\$9.99



Limb Spreaders - Perfect for fruit tree's young limbs to grow out from the trunk at a sturdy angle rather than grow up at a weak angle. Training these limbs to grow outward will help to discourage narrow crotch angles, which can be a danger in the future by means of breaks, splits and other damage. Gently wedge these sturdy plastic limb spreaders between a tree's young, pliable branches and its trunk to encourage wider, stronger branch angles. Reuse year after year. Cherries, Peaches and Plums - Use 6" or 9". Apples and Pears - Use 9" or 12".

MUSCADINE PRODUCTS

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 Preserves – Large 18 oz. Jar – \$8.50

This delicious preserve is made using black muscadine grape pulp and juice. You can taste the uniquely rich sweetness of real southern muscadines.



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.

Fig Preserves – \$8.50

Delicious Preserves made with vine ripened figs. Sweet and tasty and reminds you of grandma. The freshest ingredients are used and will be a favorite on a fresh batch of biscuits covered in butter and a heaping spoon full of delicious fig preserves.

NEW Muscadine Wine Jelly – Large 18 oz. Jar – \$8.50

This jelly adds a little fun to your regular muscadine jelly! With a splash of muscadine wine it adds a kick to any biscuit, bagel, or muffin you add it to! You can really taste the wine!! (of course all the alcohol is cooked out of it)

NEW Scuppernong Moonshine Jelly – Large 18 oz. Jar – \$8.50

This jelly has a little bit of a bite but all some sweetness from the scuppernong. Add to your peanut butter and jelly sandwich to make the perfect snack! It's always a fun time when there is moonshine.

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 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.



MISCELLANEOUS JAMS & JELLIES

Frog Jam – Large 18 oz. Jar – \$8.50

A unique jam with a combination of Figs, Raspberries, Orange and Ginger. These delicious flavors are all combined together to make a unique jam that is sure to please your palate. This will become a family favorite for breakfast toast and breads! Large 18 oz. Jar.



Bear Jam – Large 18 oz. Jar – \$8.50

A unique jam with a combination of Blueberry, Elderberry, Apple and Raspberry! These delicious flavors are all combined together to make a unique jam that is sure to please your palate. This will become a family favorite for breakfast toast and breads!

Blackberry Pepper Jelly – Large 18 oz. Jar – \$8.50

Our Blackberry Pepper Jelly is a wonderful addition to spread over cream cheese and serve with crackers. Perfect holiday snack!

Pineapple Pepper Jelly – Large 18 oz. Jar – \$8.50

Pineapple Pepper Jelly is a great topping for ice cream. Also, great as a condiment on a sandwich or hamburger. On an egg, ham and cheese biscuit to spice up your breakfast. Add a little spice to any of your favorite foods.

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.

Muscadines are the **SUPER FRUIT** of the South. Not only are they delicious but they are packed with health benefits. The muscadine is a nutritional powerhouse. Rich in fiber, packed with powerful antioxidants, vitamins, minerals and resveratrol. They are a great Healthy choice.

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). Use ACU-25 (Pressure Regulator) ensures the best pressure for your emitters.



DRIP IRRIGATION IN A VINEYARD

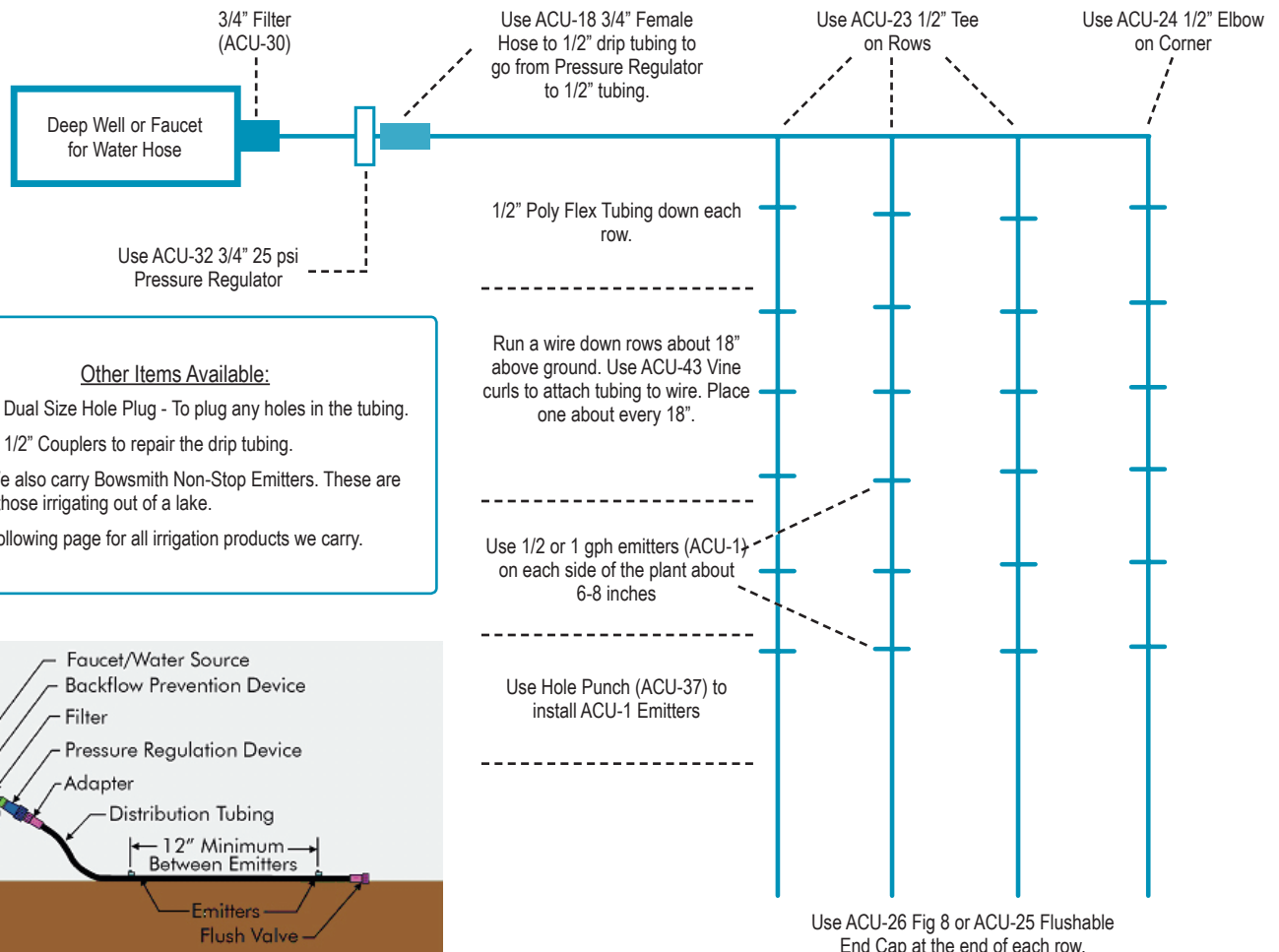
When is the best time to water?

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.

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



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	.58
	ACU-1	1.0 GPH, Black	.58
	ACU-2	2.0 GPH, Green	.58


Others Parts Needed

		Hole Punch Punches hole in tubing for above emitters	4.50
	ACU-9	Connector For 1/4" Feeder Tubing	.20
	ACU-15	Hole Plug (Dual Size) Plugs holes no longer needed.	.12




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	15.95
	ACU-30A	Filter Screen 150 Mesh for ACU-30 Replacement Screen	10.95


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.	19.95

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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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

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 1/2" Pipe to 3/4" Hose	2.25
	ACU-19	Female Hose Tee Adapter PL x 3/4" FH Swivel Tee w/Washer	2.98
	ACU-22	Coupler Coupling for 1/2" Drip Tubing	1.15
	ACU-23	Tee Tee for 1/2" Drip Tubing	2.50
	ACU-24	Elbow 90 degree for Drip Tubing	2.15
	ACU-25	Flushable End Cap 3/4" FHT Threaded Cap End Closure	1.80
	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	4.25

TOOLS & ACCESSORIES

	Part #	Description	Price
	ACU-16	Male Adapter 3/4" Pipe to 3/4" Hose	1.20
	ACU-17	Double Female Adapter 3/4" Pipe to 3/4" Hose	4.95
	ACU-27	Y with Shutoff 3/4" FHT x 3/4" MHT	3.75
	ACU-28	Anti-Syphon Vacuum Breaker 3/4" 3/4" FHT x 3/4" MHT	3.30
	ACU-43	Wide Cut Vine Curls 3" attaches 1/2" Tubing to Wire in Vineyard	.18
	ACU-45	Wire Stapler 6" 12 gauge wire holds 1/2" Tubing in Place	.30

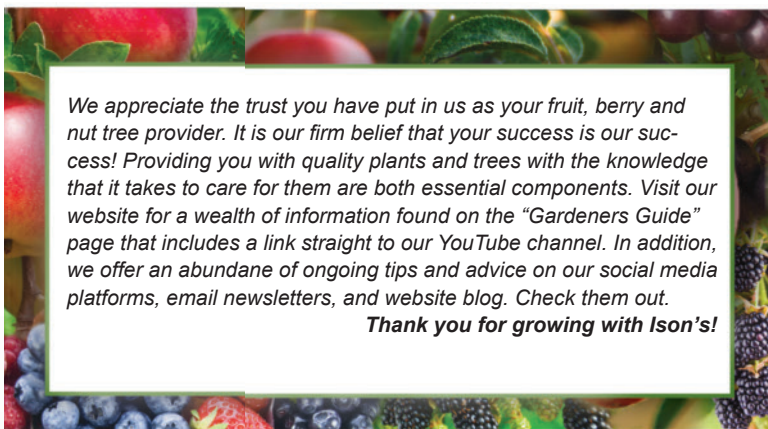
THINGS TO KNOW WHEN YOUR PACKAGE ARRIVES

Open your package as soon as possible. Inside the box you will see the roots of your plants wrapped in plastic. Carefully remove this plastic. You will notice a clear moisture gel around the roots. This is an important protectant for your plants during shipping. (It is often mistaken for ice.)

***Please note that each variety ordered will be tied together with one name tag. We group the same varieties together.

Separate all of the variety groups. We recommend cutting the twine on these groups one at a time.

Almost all plants and trees are shipped in a state of dormancy. This means the plant is asleep and not active. Plants and trees are shipped bare-root, and will not have leaves. But don't worry, in the spring they will wake-up happy in their new home.



Please look for our free planting and growing tips online:

<https://www.isons.com/the-gardeners-guide/>

Follow us on social media too:



CAN'T PLANT RIGHT AWAY? NO PROBLEM!

We know it's not always possible to plant right away when your order arrives. It is best to plant within a few days of receiving your package, but if planting must be delayed, it will still be okay with these tips!

The good news is that we have added a moisture gel around the roots of your plants, and this will allow you to delay planting for up to 2 weeks. Just take the plants out of the box, leave the plastic wrapped around the roots and place them in a cool, dry place like your garage, porch or shed.

*** **DO NOT store these plants where it is warm. We want the plants to stay dormant until planting, and the ideal temperature is around 40°F.**

If more time is needed - simply open the plastic wrap around the roots and re-moisten. Do this every 4 or 5 days until they are planted. You may also take off the plastic and place the plants (still tied together) in a bucket and cover the roots with moist dirt, or "heel them" in a trench outside covered with dirt. *(We have instructions and diagrams about this practice on our website.)* As soon as possible though, plant the trees in their permanent locations.

PLANTING & GROWING INSTRUCTIONS FOR YOUR SPECIFIC PLANTS

Tap into our large store of growing information for all types of fruit and nut plants and trees. It's FREE, and you can access it two ways:

1. visit our website to easily read and print detailed instructions:

Website: <https://www.isons.com/the-gardeners-guide/>

2. or scan these handy QR codes below with your smart phone:



Muscadine Vines



Blueberry Plants



Blackberry, Raspberry
& Other Berries



General Bare-Root
Fruit & Nut Trees



Pecan Trees



Bunch Grapes

SHIPPING SEASON

In general, we begin shipping grapevines and berry plants in early December or as they go into dormancy. (plants MUST be dormant before we begin shipping)

In general, fruit and nut trees begin shipping in January. We ship plants through April 30th.

***For northern states we begin shipping April 1st or as requested.

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	\$12.95
\$16.01 - \$50.00	\$16.95
\$50.01 - \$75.00	\$18.95
\$75.01 - \$99.99	\$19.95
\$100.00 - Up	20% of Total Order

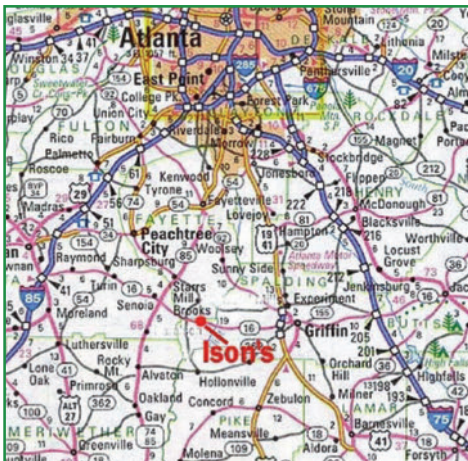
Note: Orders shipped to West Coast could incur additional shipping charges due to increase in costs.

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



Ison's Nursery & Vineyards

P.O. BOX 190
6855 NEWMAN 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

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 Fed EX or USPS.
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 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.
4. Our warranty applies to plants that were ordered and planted between November 1st and April 30th and planted in the appropriate USDA Zones. If your plants or trees do not leaf-out we must be notified in writing by July 1st following planting and provided that the plants were not injured by improper use of chemicals, fertilizers fumigation, buyer's negligence, or weather. Claims after July 1st will not be accepted.
5. If you suspect that your plant has not survived, we require photo verification, including evidence that you have performed a "scratch test". We will issue a one-time credit to your account equaling the purchase price of the plant reported. This credit is good for twelve months from the date it is issued.

****Scratch Test** - To see if the plant is alive use your fingernail and scratch the plant near ground level - if it is green underneath the outer layer of bark - the plant is still alive and should leaf out - continue the fertilizer program and water them. If the plant is brown or black beneath the outer layer of bark this indicates that the tree has failed to live. E-mail us at ison@isons.com or mail to Ison's Nursery, PO Box 190, Brooks, GA 30205.

Our warranty may be viewed by scanning this QR code
(<https://www.isons.com/our-guarantee/#order-changes>)

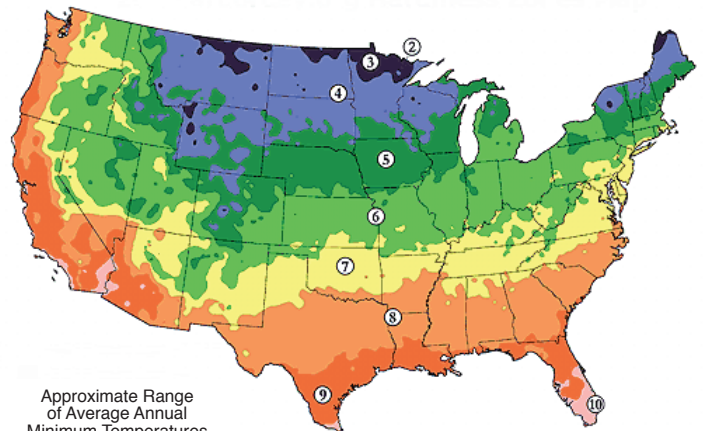


Patents, Copyrights, Trademarks™

****Patent Plants:** All muscadine plants that are patented and copyrighted cannot be propagated for any reason, for self-use, for resale or for breeding work without direct written consent from Ison's Nursery & Vineyards. Anyone found in violation will be held responsible. All muscadine varieties developed at Ison's Nursery & Vineyard are copyrighted and trademarked.

****The names of ALL muscadine varieties released by Ison's Nursery & Vineyard are copyrighted and trademarked.** They cannot be advertised, offered, or sold in anyway with their given name unless they were purchased from Ison's Nursery & Vineyard and written permission is given. Pictures Ison's Nursery website and catalog may not be copied or used to sell or promote our muscadine varieties unless they were purchased from Ison's Nursery and written permission is given. We actively search for violations and hold parties responsible.

USDA PLANT HARDINESS ZONE MAP



Approximate Range
of Average Annual
Minimum Temperatures
for Each Zone

- 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 Climatic 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.

RETURN SERVICE REQUESTED

NEW for 2022



Majesty Muscadine



Ruby Crisp Muscadine



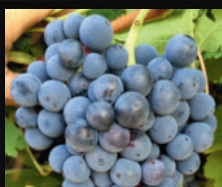
Paulk Muscadine



Sunbelt
Bunch Grape



Lomanto
Bunch Grape



Enchantment
Bunch Grape



Opportunity
Bunch Grape



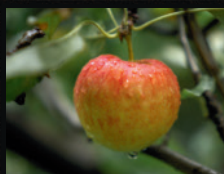
Ponca
Blackberry



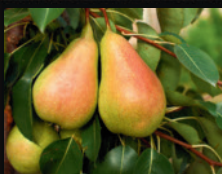
Prime Ark 45
Blackberry



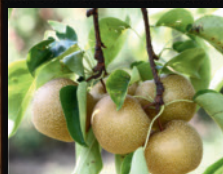
Sweetie Pie
Blackberry



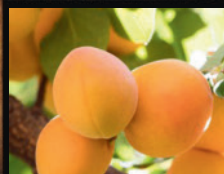
McIntosh
Apple



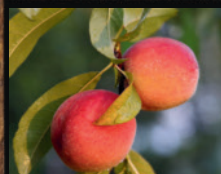
Ayers
Pear



Hosui
Asian Pear



Tilton
Apricot



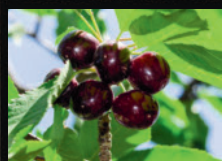
Amooore Sweet
Nectarine



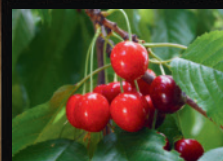
Bradley
Nectarine



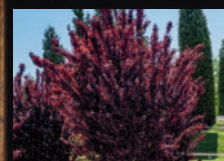
Minnie Royal
Cherry



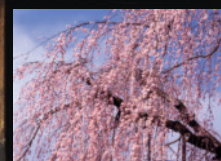
Craigs Crimson
Cherry



Royal Crimson
Cherry



Purple Leaf Plum
Flowering



Weeping Cherry
Flowering