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SHAHAN BROTHERS

NURSERIES

1924-25 CATALOGUE

Winchester,

Tennessee



A CALIFORNIA PRIVET HEDGE—SEE PAGE 10

Why Shahan Bros.' Tennessee Grown Trees Are The Best For You To Plant

Our many years of experience growing trees especially for the large Commercial Orchard Planters have proven that, without a doubt, the most sturdy trees, shrubs and vines in the world are produced in our mountainous section of Tennessee. The soil has something to do with it, so has the clear, sharp, bracing air and the long growing season. The Tennessee grown nursery stock is tough, hardy and has a root system absolutely unequalled, that adapt themselves to any soil—clayey, sandy, stoney or muck. That's the reason our business has rapidly grown from a very small beginning until now we furnish individual planters with Car-Load-Lots of our trees.

Just a word to the small home orchard planter,—If the large Commercial Orchard Planter can make a better orchard by planting a small sized tree; make it produce a better crop of fruit in less years than when a large sized tree is planted in the orchard, and this is an actual fact, then is not it reasonable that you, too, will have better success by planting the small sized trees? Of course, if you want the large trees it is more money to us and we will be glad to furnish that tree. However, our business has been builded on honest service and high quality trees furnished our customers: We say, you will have best success by using small sized trees in your orchard planting. The shock of transplanting is not so great, they grow off more rapidly, while a large tree the transplanting "shock" is serious and the tree is greatly stunted. Planting peach and plum tree use the 1 to 2 foot and 2 to 3 foot size, either size should bear you a fruit crop the third summer. Planting apple, pear and cherry, use the 2 to 3 or 3 to 4 foot sizes, one is as good as the other.

REMEMBER: Everything we send you, the transportation charges are prepaid by us to your town or mail box. That all trees, plants and shrubs are fresh dug from the field for all orders and that every item is strictly first class in every respect.

You can safely plant any time the ground is not frozen, we do not recommend fall planting earlier than November 1st, but from that date until frozen ground prevents in the north, and all winter in the south, you can plant. In spring you can usually plant until the forest trees are nearly in full leaf. FALL PLANTING has been so very successful with our customers that we have decided, this year, to agree to replace free of charge any tree bought of us and planted in the fall and which die from winter-killing or causes other than neglect by the planter. We have letters every day from customers like this: "Shahan Brothers: Will you send me your catalogue of all fruits. Will say the trees we got from you last fall are every one growing and looking nice. T. S. Woody, Bedford, Ind., R. R. 5.

OFFICE OF
STATE ENTOMOLOGIST AND PLANT PATHOLOGIST
KNOXVILLE, TENNESSEE
NURSERY CERTIFICATE

The Undesigned Hereby Certifies, That the nursery stock in the nurseries of Shahan Brothers, located at Winchester, Tennessee, has been thoroughly inspected. The stock, premises and adjacent properties have been found to be apparently free from especially injurious insect pests and diseases. The owner has agreed to fumigate properly with hydrocyanic-acid gas all stock sold or moved under this certificate, as provided in the Rules and Regulations.

Last inspection made July 1, 1924. Invalid after September 30, 1925, unless sooner revoked.

G. M. BENTLEY,
State Entomologist and Plant Pathologist.

APPLES

FILLERS. Most commercial orchards are now planted with standard varieties, 40 feet apart each way. Quick upright growing, early maturing varieties are used as fillers, planting between standards to make 20 feet apart; fillers to be removed when the standard trees require the room (12 to 18 years). This requires 28 standard and 82 fillers to the acre. We recommend for Fillers:—Yellow Transparent, Duchesse of Oldenburg, Wealthy, Grimes Golden, McIntosh and Wagner.

APPLE TREE PRICES

	Each	10	100	1000
1 to 2 feet.....	\$0.30	\$2.50	\$20.00	\$150.00
2 to 3 feet.....	.35	3.00	25.00	200.00
3 to 4 feet.....	.40	3.50	30.00	250.00
4 to 5 feet.....	.50	4.00	35.00	300.00
5 to 6 feet.....	.60	5.00	40.00	350.00

SUMMER APPLES

BOUGH. Large, pale yellow; tender, sweet.

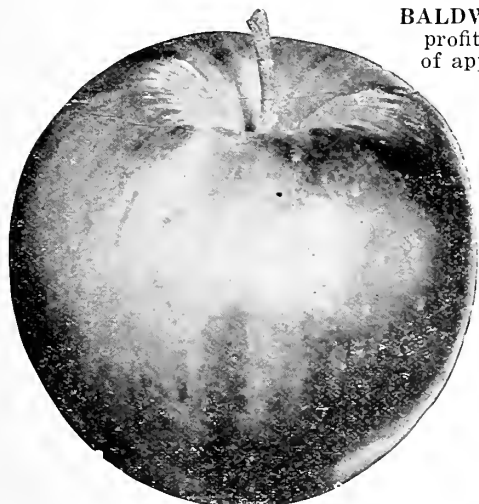
EARLY HARVEST. Medium, pale yellow, tender, juicy.

LIVELAND RASPBERRY. Fruit good sized, clear waxen white striped crimson; flesh snow white. Blooms late, is blight resistant, bears early, makes a good filler.

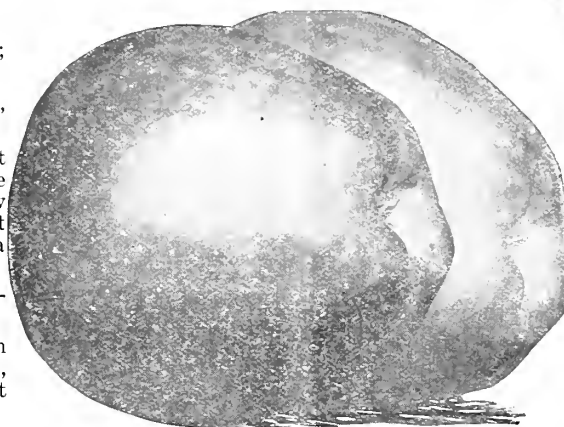
RED ASTRACHAN. Large, beautiful deep crimson.

WILLIAM'S RED. An eastern favorite dessert apple; juicy, mild sub-acid and of pleasant flavor. Pretty, deep dark red.

YELLOW TRANSPARENT. Earliest and best of the early kinds; white, tender juicy, sprightly, sub-acid.



McIntosh



Delicious

fine flavor and a long keeping apple. Very popular in the Southern States.

BANANA. Large; golden, shaded red; flesh firm, with an agreeable sub-acid flavor; good keeper and a money maker.

BALDWIN. Large; bright red; crisp, juicy and rich; one of the most popular and profitable sort for any purpose. Very productive, having produced 681 bushels of apples in one season from one acre.

BEN DAVIS. Large, handsome, striped apple of good quality; a late keeper; hardy and productive.

DELICIOUS. Large, dark red; flesh is fine grained, crisp and delicious; very attractive and a great market apple. The tree is very hardy and a thrifty grower.

GANO. Large handsome apple; has glossy deep red skin; flesh white, juicy, pleasant flavor.

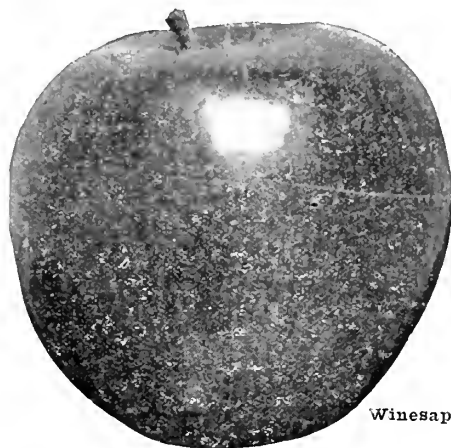
GRIME'S GOLDEN. Large; golden yellow skin, sprinkled with gray dots; flesh is crisp, mild, tender, juicy and very delicious; tree is hardy, vigorous and productive.

JONATHAN. A great favorite; medium size; red and yellow; tender white flesh, juicy and rich; very productive.

KING OF THOMPCKINS COUNTY. A beautiful red apple of the largest size and finest quality; rich, agreeable flavor.

MANMOTH BLACK TWIG. Large; bright yellow, shaded red; of good quality.

MCINTOSH RED. Medium to large; round bright red; flesh white, tender, sub-acid; splendid for dessert.



Winesap

AUTUMN APPLES

DUCHESS OF OLDENBURG. Medium; pale yellow; streaked red; bears young and is a good cropper; useful for fall purposes; fine for market with a great demand.

GOLDEN SWEET. Large size; attractive, clear, rich, sweet, very good in flavor and quality. Fine for home use. A good grower, healthy, and productive.

FALL PIPPIN. Very large; yellow, flesh tender and delicious; tree free grower and a fine bearer; valuable for table and market.

WEALTHY. Large; brilliant red; rich sub-acid flavor; excellent quality; good keeper in storage.

WINTER APPLES

ARKANSAS BLACK. Crimson-black, with yellow flesh, very

APPLES—CONTINUED

NORTHWESTERN GREENING. Large, yellow; flesh yellowish green; juicy, sub-acid; very good keeper.

STAYMAN'S WINESAP. Champion of all winter apples; best for market and family use; large; greenish yellow; mixed with dark red; flesh yellow, rich, firm, juicy, mild sub-acid and aromatic.

ROME BEAUTY. Large, mottled and striped in different shades of red; the flavor and quality is far above the average; popular with both consumers and dealers.

YORK IMPERIAL. Medium; whitish shaded with crimson; firm, crisp, juicy, pleasant, mild, sub-acid; vigorous and productive.

WINESAP. This old and well known apple cannot be too highly praised. It is a standard, well-known and productive variety of the West and Southwest. It is one of the very best keepers. Medium size, oblong, smooth and a fine dark red; flesh yellow, crisp, tender, very juicy, aromatic, firm and good. Popular with fruit stores because it always holds up, and is one of the leading export apples.

YELLOW BELLFLOWER. Large; yellow, with a tinge of red; flesh crisp, with aromatic flavor. Beautiful and excellent fruit.

CRAB APPLES —Same price as standard.

RED SIBERIAN. Yellow, with scarlet cheek; crisp, tender and juicy.

TRANSCENDENT. Golden yellow, striped with red; crisp, juicy, yellow flesh.

Send us your order as soon as possible—while we are sure to have what you want. Every year we return money to customers because they have waited too late. Send your order **NOW** and it will be shipped so as to reach you at the best planting time.

Quality Peach Trees

As a business proposition, as a sound investment, as a means of insuring "easy circumstances" for the near future and a competence for life, a Commercial Orchard is worthy of consideration.

It does not require a heavy cash outlay to buy peach trees to plant forty acres. It takes only 100 trees to plant an acre. The first year you get three-fourths of a crop of corn, cotton or potatoes off the orchard ground and the second summer you get a half crop of cotton, corn or potatoes, then the third summer you should have enough peaches for a profit, and each succeeding summer for years. We know of a very large peach orchard that is more than twenty years old and yet producing wonderful crops of fruit.

You can grow peaches wherever cotton, corn or potatoes will ripen.

Think it over seriously but plant at least a few Peach trees now! They will pay in your garden, in a small home orchard or as an investment in a commercial orchard.

Buds for the growing of our trees were cut from fruiting trees of absolutely known varieties, in orchards that have made high records for the production of quality Fruit.

You can buy no better anywhere at any price.

We Prepay All Transportation Charges.



Shahan's 2 to 3 ft. Peach Trees in July—March Planting.

Columbus, Indiana, August 18th, 1924. With reference to the 783 of Elberta and the 200 of the Belle of Georgia and the 200 of the Hiley Belle that I set out in the spring of 1923, of which I lost 19 trees, a friend of mine came out to see them the first of August, 1924, and made the remark that those three year old trees ought to bear next year. He could not believe that they were but one year old because some of them are six feet tall.

I was so well pleased with my first buy that I ordered eight thousand of the J. H. Hale and set them out this spring. Out of the eight thousand of the J. H. Hale peach trees I have lost thirty-nine all told and they are growing just as good as my first purchase which makes in all one hundred and twenty acres. Now I want fifteen hundred for my spring planting and if I can get the ground ready I will take twenty-five hundred, but save me the fifteen hundred for which I will send you a check for the full amount. I want to set out until I get two hundred and fifty acres and Shahan can count on me as a yearly buyer.

Yours truly, DR. G. L. OLDHAM.



Same Orchard One Year Later. See Vigorous Growth.

SELECTED PEACHES

PEACH TREE PRICES

	Each	10	100	1000
1 to 2 feet.....	\$0.20	\$1.50	\$13.00	\$110.00
2 to 3 feet.....	.25	2.00	15.00	120.00
3 to 4 feet.....	.30	2.50	20.00	150.00
4 to 5 feet.....	.35	3.00	25.00	200.00
5 to 6 feet.....	.40	3.50	30.00	250.00

MAYFLOWER. The earliest peach to ripen, earliest of all peaches. A beautiful "red all over" peach. Flesh is creamy white tinted with red; juicy and sweet.

RED BIRD. Gloriously red all over; large ripening immediately after Mayflower. A sensation everywhere, bright glowing red color, flesh white, sweet and juicy. Brings big profits.

EARLY ROSE. Fruit large, creamy white with a deep blush; flesh tender, fine flavor and very juicy; very hardy and productive.

CARMAN. Fruit large, beautiful in appearance; flavor delicious, skin creamy white, with red cheek; valuable for commercial orchards, extreme hardiness and splendid quality make it a favorite. Freestone.

HILEY. Ripens just after Carman. Yellowish white skin, with deep red cheek. Flesh is white and very fine flavor. Large size. Freestone. One of the best shippers. Very hardy. A money maker wherever planted.

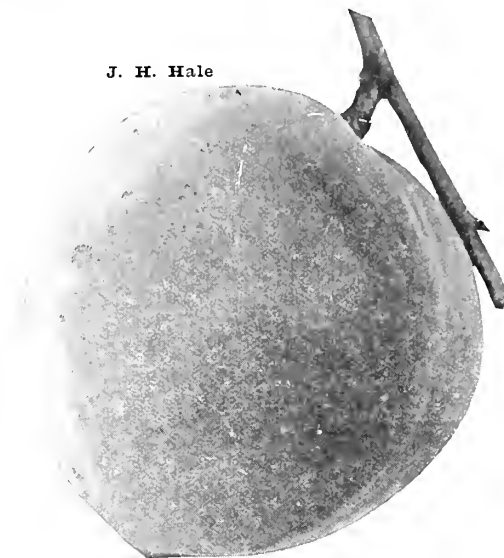
BELLE OF GEORGIA. (Mid-season. White Freestone.) Has been called a "red and white Elberta" because for years it has been the standard white peach in the large commercial orchards of the Southern and Central States just as Elberta has been the standard yellow sort. The fruit is very large; rich, creamy white flesh, with a bright red blush, and is delicious in quality.

MAMMOTH HEATH CLING. One of the sweetest, juiciest, and most luscious of peaches—the housewife's favorite for canning and preserving. It averages very large in size, with small pit; is creamy white in color with a red blush; smooth, clean.

ELBERTA CLING. Just a great handsome yellow peach that looks just like an Elberta, but is a perfect clingstone. The queen of cling peaches, both for home use and for market purposes.

ROCHESTER. The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well; skin prettily blushed. Tree is strong growing and hardy, an

J. H. Hale



annual and prolific cropper, ripening with Carman; very fine for market.

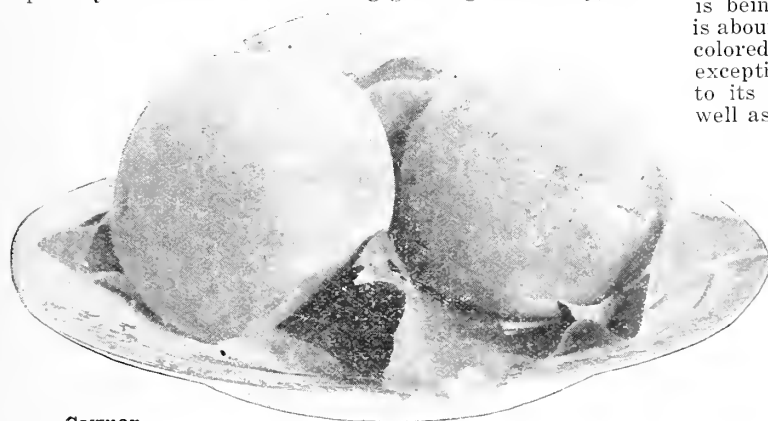
EARLY ELBERTA. Freestone; mid-season, yellow. The Early Elberta is truly named. It is of the Elberta type, large, golden yellow. The flesh is yellow like the Elberta but far better quality sweeter and finer grained. The tree is a strong grower, of the Elberta type. Adapted to the peach growing regions.

ELBERTA. The greatest commercial peach on the market today, because it is well known the world over. This variety is very popular all over the country and there are more of these grown than any other kind. The tree is very hardy, productive and uniform cropper. The fruit is large, yellow with red cheek. It is juicy large, golden yellow. The flesh is yellow like the large and high flavored. Flesh is yellow and freestone.

J. H. HALE. Huge; beautiful; golden; freestone; solid; delicious; round as a ball; a great shipper, a splendid keeper, brings top prices and big profits; vigorous, sturdy trees. Sensation of the twentieth century, and is being planted by thousands of growers. In size it is about one-third larger than Elberta and is more highly colored. The pit separates easily from the flesh. It is exceptionally valuable as a commercial peach owing to its unusual keeping qualities. Will ship nearly as well as an apple. Your collection is incomplete without This variety. The writer has seen J. H. Hale peaches sell for \$1.00 a dozen at the orchard in Georgia, and \$1.00 a dozen in the city is not unusual. Especially should it be planted if you have a road-side orchard market.

BRACKETT. Ripens after Elberta. Orange-yellow skin, tinged with carmine. Flesh is deep yellow, highly flavored. Size is large to very large. Freestone. A three-point winner in color, in size and quality.

CHINESE CLING. Large, white, shaded red, fine quality. A favorite variety in the South.



Carman

DELICIOUS PEARS

PRICES OF PEAR TREES

	Each	10	100
2 to 3 feet.....	\$0.60	\$5.00	\$40.00
3 to 4 feet.....	.70	6.00	50.00
4 to 5 feet.....	.80	7.00	60.00
5 to 6 feet.....	.90	8.00	70.00

Prices are for trees prepaid to you.

ANJOU. This is one of the best general purpose pears, combining a high quality with hardiness and dependability. Fruit is large, yellow, with a chunky neck.

***BARTLETT.** Large yellow, waxy skin, rich, juicy, highly perfumed, refreshing.

***CLAPP'S FAVORITE.** High quality, an early ripener; large size; tree productive.

EARLY HARVEST. Golden yellow with a fine red cheek and sells well in the market because of its size.

***DUCHESS.** Buttery, rich, juicy, excellent; greenish yellow, spashed with russet; succeeds well as a standard, also as a dwarf.

***KIEFFER.** On account of excellent keeping qualities it is one of the best and most profitable market varieties. Fine for canning and preserving.

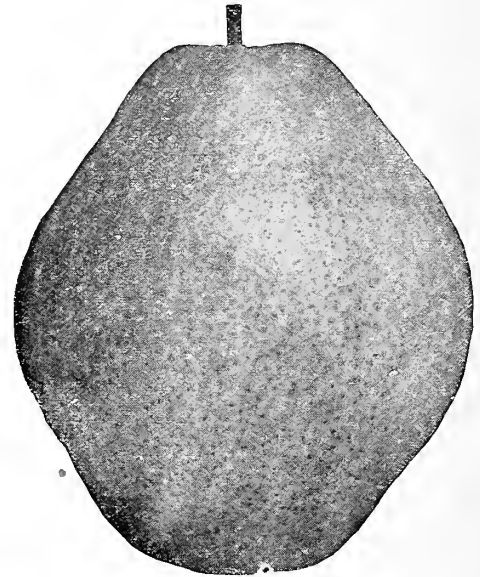
***SECKEL.** Small, rich, yellowish brown with bright red cheek, juicy, buttery and melting.

WORDEN SECKEL. A seedling of the Seckel over which it is an improvement. Larger in size, equally as good.

WILDER. Red and yellow pear. Delicious, rich, melting. A rare delicacy.

DWARF PEARS are produced by joining a pear scion to a quince root. The Standard Varieties above starred (*) can be supplied in the Dwarf.

First Class, 3 to 4 feet, each, \$1.00; 10 for \$9.50



Kieffer

QUINCES

First Class, 3 to 4 feet, Each, 90c; 10 for \$8.50

CHAMPION. Flesh cooks tender like an apple without hard spots. Flavor delicate; bears abundantly.

MEECHES PROLIFIC. Very large, bright yellow. Quality good. Of great beauty and delightfully fragrant. Bears early.

CHERRIES

A good Cherry Orchard is one of the most profitable ventures a farmer can undertake. With but little care, the trees are very thrifty and prolific, bearing large crops annually. The fruit is easily picked and it is always in great demand.

PRICES OF CHERRY TREES

	Each	10	25	100
2 to 3 feet.....	\$0.50	\$4.90	\$12.00	\$45.00
3 to 4 feet.....	.70	6.50	14.00	60.00
4 to 6 feet.....	1.00	9.00	21.00	80.00

SWEET CHERRIES

BING—Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. One of the most profitable.

BLACK TARTARIAN—Very large, black, juicy, rich.

LAMBERT—Jet black when fully ripe. Flesh firm, solid, rich, and juicy. Tree rugged, strong grower, hardy, enormous bearer.

NAPOLEON—Large, pale yellow with at least one red cheek; firm, juicy, sweet and productive.

WINDSOR—Fruit large, liver-colored, distinct; flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety.

SOUR CHERRIES

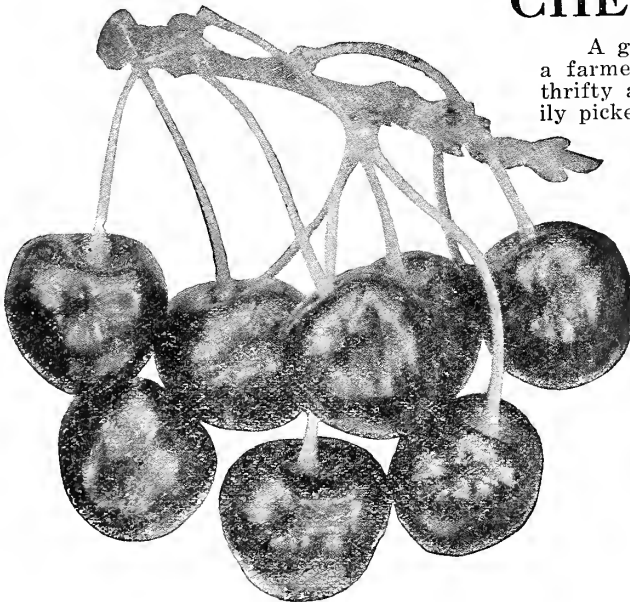
BALDWIN—Large, round, slightly sub-acid; sweetest and richest of the Morello type. Early and productive.

DYEHOUSE—A very early and sure bearer; ripens a week before Early Richmond.

EARLY RICHMOND—Medium, dark red, melting, juicy, sprightly, rich acid, best.

ENGLISH MORELLO—Fair size, blackish red, rich acid, juicy, good.

LARGE MONTMORENCY—Large, red, productive, ten days later than Early Richmond. Late.



Early Richmond

CHOICE PLUMS

PRICE OF PLUM TREES

	Each	10	25	100
2 to 3 feet.....	\$0.35	\$3.00	\$7.00	\$25.00
3 to 4 feet.....	.40	3.50	7.50	27.50
4 to 5 feet.....	.60	5.25	12.00	38.00

EUROPEAN PLUMS

- GERMAN PRUNE**—Large, dark purple, sweet, good. One of the most popular for canning, because of its sweetness, and lack of acidulous "richness."
IMPERIAL GAGE—Large pale green, juicy, sweet, rich and excellent.
LOMBARD—Medium, violet red, juicy, good, hardy and exceedingly productive; probably the leading market variety, extensively used for pies.
SHIPPERS' PRIDE—Large, dark purple, very showy, fine, juicy and sweet.
SHROPSHIRE DAMSON—Medium, dark purple, very productive; one of the best for preserving
YELLOW EGG—Very large, egg-shaped, productive, excellent for cooking.

JAPAN OR ORIENTAL PLUMS

The Japanese Plums are strong growing ornamental trees with light green foliage and attractive bloom wonderfully productive and usually commence bearing the second or third year after planting. Fruit of nearly all varieties are large, fine quality, with firm, meaty flesh.

ABUNDANCE—(Botan.) One of the oldest and best Japanese varieties; hardy, productive. Fruit large, lemon yellow, with heavy bloom; good quality.

BURBANK—Most profitable among growers for market; ripens 10 to 14 days after Abundance. Tree hardy, sprawling vigorous grower, unequalled in productiveness; bears young. Fruit large excellent quality; cherry red, with lilac bloom.

RED JUNE—One of the vigorous, upright growers; productive; fair size, vermilion red; pleasant quality. Ripens a week before Abundance.

WICKSON—Fruit remarkably handsome, very large, long heart-shaped, color deep maroon red covered with white bloom; flesh firm and meaty, yellow, rich and aromatic. Cling; pit small. Tree an upright vigorous grower. Excellent keeper and shipper, planted largely for market.



APRICOTS

Ripen between Cherries and Peaches. As hardy as the Peach, should be planted on a northern or western exposure to prevent early blooming; giving the same treatment for curculio as the plum. Set trees 16 to 18 feet apart.

PRICE OF APRICOT

3 to 4 feet, each 50c; per 10, \$4.00.

EUROPEAN VARIETIES

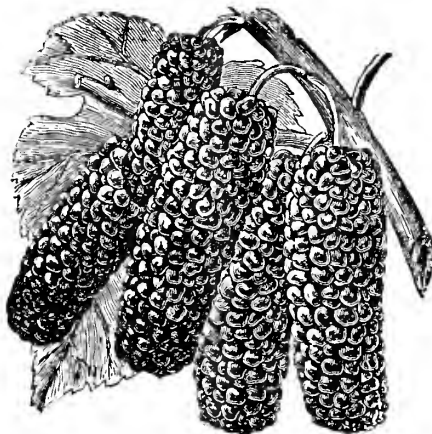
- EARLY GOLDEN**. Small, pale orange, juicy and sweet.
MOORPARK. Yellow, with red cheek, juicy, sweet and rich, freestone, very productive.
ROYAL. Large yellow, juicy, rich and delicious, fine.

RUSSIAN VARIETIES

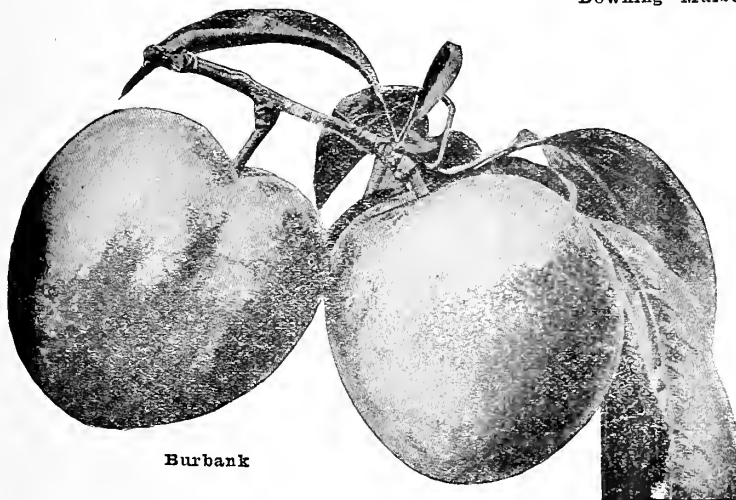
- SUPERB**. Hardier; and surer crop. The best flavored, most productive hardy Russian apricot yet produced. Medium size, light salmon color.

MULBERRIES

- DOWNING**. Highly ornamental for street or lawn, bearing an abundance of large black, sub-acid fruit. Its long bearing season makes it a universal favorite wherever it is grown. 3 to 5 foot trees, 90c each.
NEW AMERICAN. Equal to Downing in all respect and a much hardier tree. It bears fruit of the finest size and flavor from mid-July until Autumn, 3 to 5 feet trees, 90c each.



Downing Mulberry



Burbank

We try more to satisfy and serve you than to get your money. The service we render, with our **Quality Stock**, you will remember long after the **Price** is forgotten.

RASPBERRIES

60c for 10, \$1.00 for 100, \$30.00 for 1,000.

Raspberries are one of the most delicious and popular fruits grown, are easily cultivated and require little care. Cut out old and weak roots each year. Plant in good soil in hills about 4 feet apart. With a little care and attention they will produce large crops of berries. In large plantings it is advisable to plant them thickly the same as hedge row.

CUMBERLAND—Ripens about mid-season. Fruit jet black, unusually large and handsome in appearance. Plants healthy, vigorous, hardy, and productive.

CUTHBERT—Late. Fruit medium large in size, deep rich crimson in color. Unquestionably it is the leading red variety, when quality, productiveness, and general hardiness is considered.

RANEREE (St. Regis.)—Fruit ripens very early, bears extremely heavy crops that sell for fancy prices, being so early; then in summer, until frost, gives fair to good pickings, dependent in part on the season. Extremely hardy and vigorous and free from disease.

PLUM FARMER—Black, very large; heavy bearer.

GOLDEN QUEEN—Late. Fruit almost identical with Cuthbert, except that it is a deep yellow. Bushes abundant bearers.

BLACKBERRIES

60c for 10, \$1.00 for 100, \$30.00 for 1,000.

ELDORADO—Berries of enormous size and shiny, jet-black in color. Vines are strong, vigorous, and rarely fail to produce abundant crops.

EARLY HARVEST—A very early berry, ripening from 10 days to two weeks before any other. Bears very full every year. Excellent quality, good size; and extremely valuable berry for early market. Sell at sight at fancy price.

DEWBERRIES

The Dewberries are really the most profitable small fruit crop a fruit grower can plant. They begin bearing the second year. Very hardy, never miss making a crop of large berries that are a ready sale. Many Dewberry growers are realizing \$700 to \$1,000 an acre annually.

60c for 10, \$1.00 for 100

MAYES (Austin)—Black berries of large size and excellent flavor are produced in large quantity.

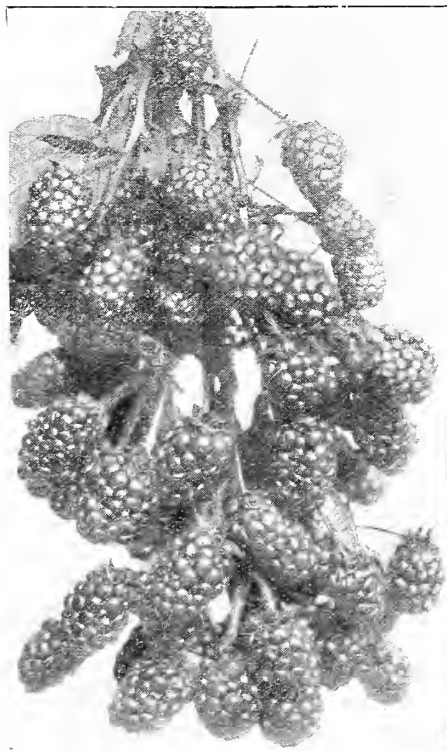
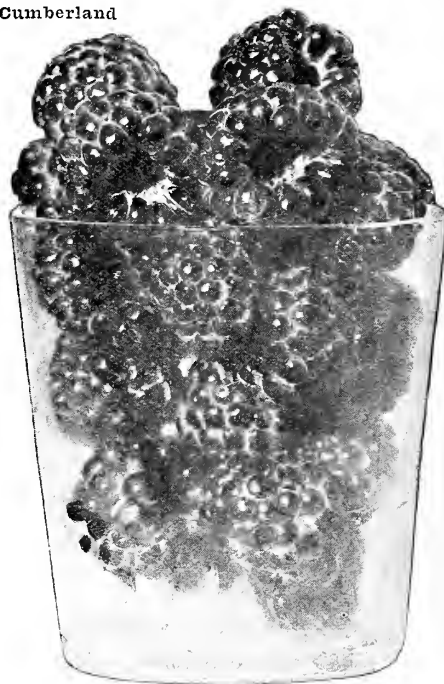
LUCRETIA—Fruit jet-black and larger than other varieties. By many growers this is considered one of the best of the dewberries, for the plant is a strong grower and bears enormous crops.

GET GOOD STOCK

Buying poor trees just because you can buy them cheap, is poor economy. You would not do this in buying your hogs, cattle or chickens; why do it with trees? There is usually something wrong when goods are sold below the market price, but the buyer usually pays the bill. We must make expenses and a living profit, that's all we ask—our prices are RIGHT.

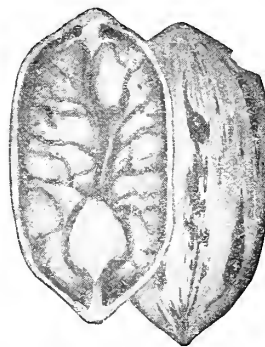
In comparing prices remember we prepay transportation charges.

Cumberland



Early Harvest

PECANS



VARIETIES FOR THE MIDDLE AND SOUTHERN STATES

STUART—Nuts large to very large; shell medium; kernel plump, full and fine quality. Tree heavy bearer.

FROTSCHR—Nuts very large; shell very thin; kernel large, easy moved, full, of fine quality. Tree is a heavy cropper and thrifty grower.

SCHLEY—Is medium to large; thin shell; kernel is full, plump; flavor rich, nutty; quality best.

Price of the above three varieties:
2 to 3 feet, \$1.25 each.
3 to 4 feet, \$1.75 each.

GRAPES

Even under unfavorable conditions the grape-vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In vineyard rows, set the vines 6 feet apart, with 8 feet of space between the rows. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery.

BLACK GRAPES

CONCORD. The well known standard variety, succeeds wherever grapes will grow.

MOORE. Bunch large, berry large round, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable everywhere.

WORDEN. A splendid grape of the Concord type; larger, better quality and earlier. Vine vigorous; hardy and productive.

RED AND AMBER GRAPES

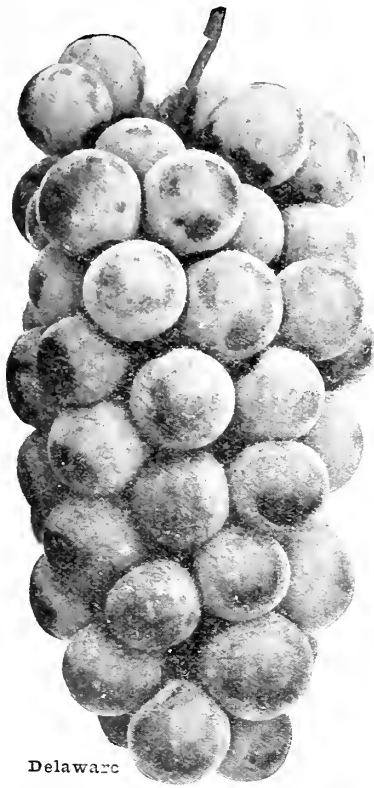
AGAWAM. Berries very large, with thick skin; pulp soft sweet and sprightly; very vigorous, ripens early.

BRIGHTON. Bunch large, well formed; berries above medium to large; round; excellent flavor and quality; one of the earliest.

CACO. A new variety originating in Delaware, and its name is a combination of Catawba and Concord from which two standard sorts it was derived. The vines are strong and vigorous, as yet untouched by disease of any kind. The fruit is very large and handsome, complete bunches; in color a rich wine red over amber. Exceptionally early bearing, usually showing several good-sized bunches the second year. Its flavor is luscious, sweet, delightful and distinct.

CATAWBA. Berries large, round; when fully ripe of a dark copper color, with sweet, rich musky flavor; late.

DELAWARE. A choice grape of free and hardy, but slender growth. Bunches and berries are small but compactly set, light red, with violet bloom;

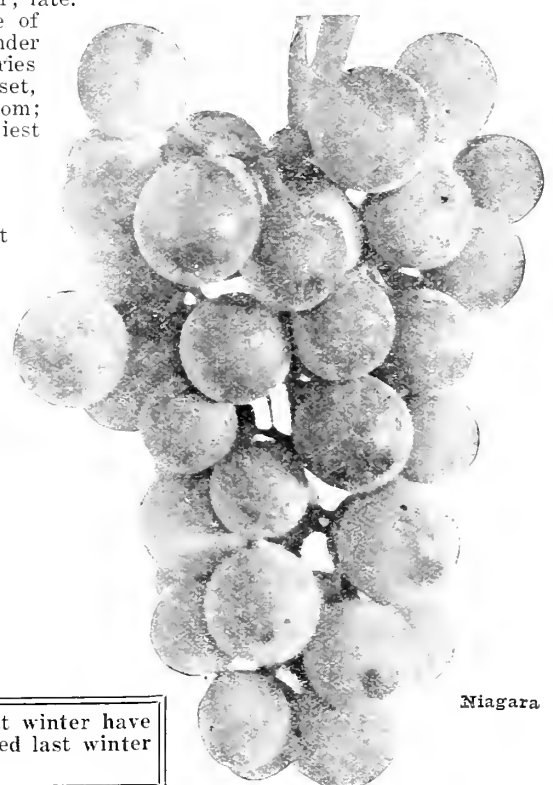


Delaware

sugary and delicious. A favorite dessert grape; one of the earliest to ripen.

WHITE GRAPES

NIAGARA. Occupies the same position among the white varieties as Concord among the the black; the leading profitable market sort. Bunch and berries large, yellowish white.



Niagara

PRICE OF GRAPE VINES

	Each	Per 10	Per 100
Agawam, 1 year	\$0.20	\$1.50	\$10.00
" 2 years .....	.25	2.00	14.00
Brighton, 1 year .....	.25	2.00	16.00
" 2 years .....	.35	3.00	25.00
Caco, 1 year .....	.50	4.00	.....
" 2 years .....	.65	5.50	.....
Catawba, 1 year .....	.15	1.20	10.00
" 2 years .....	.20	1.50	13.00
Concord, 1 year .....	.15	1.20	6.00
" 2 years .....	.20	1.50	10.00
Delaware, 1 year .....	.30	2.50	20.00
" 2 year .....	.40	3.50	30.00
Moore's Early, 1 year .....	.20	1.50	10.00
" " 2 years .....	.25	2.50	13.00
Niagara, 1 year .....	.20	1.50	10.00
" 2 years .....	.25	2.00	13.00
Worden, 1 year .....	.20	1.50	10.00
" 2 years .....	.25	2.00	14.00

A number of our customers that bought grape vines of us last winter have ordered more for this Fall's planting and say the vines they planted last winter produced fruit this summer.

THE BEST HEDGES

CALIFORNIA PRIVET

This is the universal hedge in the East. For live fences at village, town and country homes, it is the very best of all materials. On public grounds of all kinds, in parks and cemeteries, along roads and paths, on factory grounds, and on newly subdivided areas near town, nothing else can be used in its place, and in this place it is indispensable. California Privet is able to stand a temperature of zero without any damage. Ten or fifteen degrees below zero do not damage it much, but 20 to 30 below will kill the wood to the ground. This is not so serious as it might be, because the roots throw up a strong growth by the next June or July.

Privet produces wood faster than any other shrub or tree. For a hedge that is thick right down to the ground, you must set the plants close together, anywhere from 6 to 18 inches apart. It is sometimes best to set in a double row, the plants "staggered," a foot apart in each line. Some people use even a tripple row. The lines should be about 8 inches apart. This is the way to make the finest hedges, especially when you want them a couple of feet wide and over 3 feet high. A single row of plants will make a beautiful hedge.

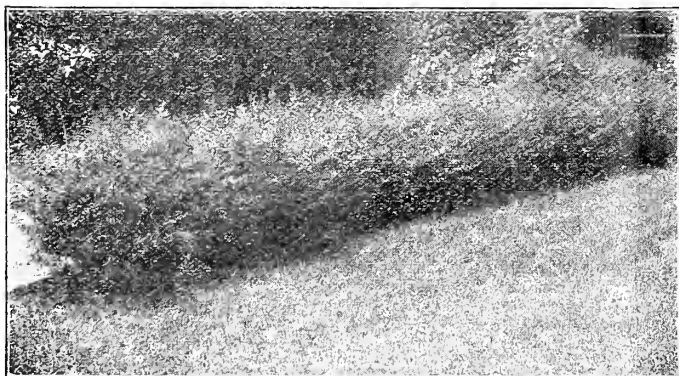
PRICE OF CALIFORNIA PRIVET

8 to 12 inches.....	10	100	1000
12 to 18 inches.....	\$0.75	\$5.00	\$40.00
18 to 24 inches.....	1.00	6.00	50.00
2 to 3 feet.....	1.25	8.00	60.00
	1.50	10.00	75.00

AMOR RIVER PRIVET (North.) The best for hedges in the North; has stood 30 degrees below zero uninjured; upright grower; foliage similar to California Privet. Where an upright hedge is wanted nothing surpasses the Amoor. To add to its attractiveness in foliage, it bears erect panicles of beautiful white flowers in June followed by berries. Strong plants, well branched, 12 to 18 inches, 10 for \$1.25; 100 for \$7.00; 18 to 24 inches, 10 for \$1.75; 100 for \$9.00.

PRIVET, Ibota. This variety of Privet is much hardier than the California and will withstand the severest winter when the California Privet will kill out. 12 to 18 inches, 10 for \$2.00, 100 for \$10.00.

We do not offer Bargains, Club offers or Premiums because we aim to give every buyer the largest possible value on all items of his own selection.



Barberry.



California Privet

BARBERRY

Thunbergi's Barberry is not the host for wheat rust, and can be safely planted anywhere.

BARBERRY Thunbergi. (Japan Barberry.) The ideal low-hedge plant; hardy, tough, impervious; of dense growth adapted to shearing. Daintily small and profuse foliage, beautiful alike in summer greens and autumnal crimson. The plentiful racemes of red fruit are resplendent on winter-bared branches.

8 to 15 in.; 20 cents each; \$1.50 per 10; \$12.00 per 100.
15 to 18 in.; 30 cents each; \$2.00 per 10; \$15.00 per 100.
18 to 24 in.; 40 cents each; \$3.00 per 10; \$25.00 per 100.
24 to 30 in.; 50 cents each; \$4.00 per 10; \$35.00 per 100.

DWARF JAPANESE BARBERRY

Very attractive, neat and dense in growth, yet graceful because of its drooping branches. It produces yellow flowers in the summer which are followed by scarlet fruit, borne in dense profusion on the long stems and clinging throughout the most of the winter. The leaves color to scarlet and gold. This is a very attractive shrub for planting as single specimens on or about a lawn, or for planting in the corners nearby the house or porch or along the base of the wall to take away the bleak, barren effect of the wall. We highly recommend it. Dwarf Barberry is not subject to rust. It is immune. 2 year, 12 to 18 inches, 25c each, 10 for \$2.00; 100 for \$15.00, for extra well rooted plants.

HOW TO FIGURE PRICES

EACH RATE—In buying fruit trees, less than 10 trees go at "Each" rate.

10 Rate—10 or more go at the 10 rate.

100 Rate—30 or more trees go at the 100 rate.

1000 Rate—300 (or more) of a kind (as 300 apple, 300 pear, 300 peach, etc.) go at the 1000 rate.

Note—The same applies to all other trees and plants.

SELECTED SHRUBS

Shrubs provide material of a permanent character for the adornment of property at less cost and more effectively than anything else.

ALTHEA. (Rose of Sharon)—One of the commonest of the ornamental shrubs, and hardy as far north as Ontario. The shrub is valuable for specimen planting and its bright green leaves and great abundance of variously colored flowers make it very effective when planted in a hedge. The color ranges from blue-purple to violet-red, flesh color, and white. There are also double forms. The plants we offer are strong, field grown, 2 years old. Prices on hedge size plants, 20c each; 50 for \$7.00.

ALTHEA

PRICES—3 to 4 feet, 35c each; 3 for \$1.00

ARDENS—Double violet.

JEANNE D'ARC—Double white, tree form.

RUBIS—Single red.

SOUV. CHAS. BRETON—Single violet.

TOTUS ALBUS—Single white.

AULISSIMA—Purple. Shrub form.

BOULE DE FEU—Double red. Shrub form.

CREPE MYRTLE—Very handsome, free flowering shrub or tree, which blooms the entire summer and reaching a height of 15 feet. They produce great masses of beautifully fringed flowers. They are very beautiful, and make a noticeable object in any landscape; hardy, easily grown and no other tree can take its place. Colors: Scarlet, pink, purple and white. 75c each. One of each of the 4 colors for \$2.60.

PURPLE LILAC—Old fashioned sweet scented purple lilac of our childhood. The fragrance should bless every home and fasten the memory to the scene we knew as children. 40c; 10 for \$3.50.

WHITE LILAC—Same as above except the flowers are white. Same price.

LILACS—NEW FRENCH VARIETIES

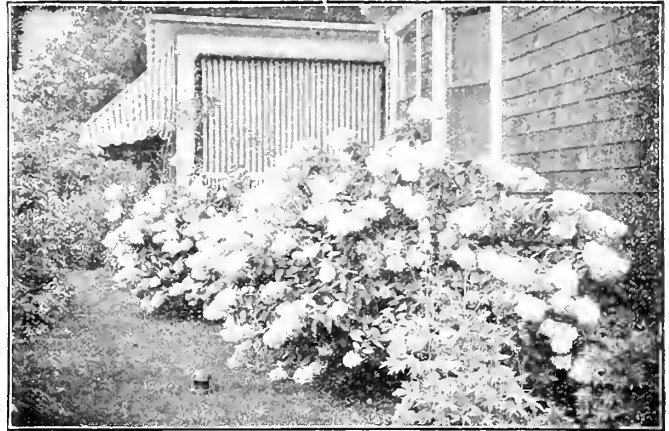
We have the following varieties that we can furnish in 2 to 3 ft. size for 75c each; 10 for \$6.00. Josikaea, single purple; Chas. Dix, purple red; Alphonse Lavallee, blue shaded violet; Emil Lemoine, double pink; Ludwig Spaeth, dark purplish red; Rubra de Marley, reddish purple.

The same varieties in tree form, 3 to 4 ft., \$1.00

SPIREAS

Comprising a large family of low shrubs; very hardy and of easiest culture; very satisfactory ornamental shrubs.

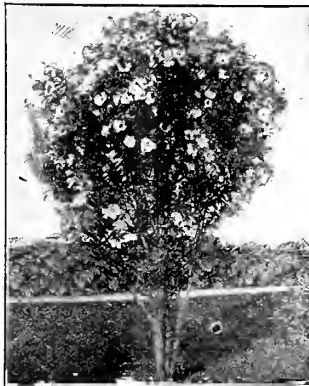
S. ANTHONY WATERER—Has large heads of dark crimson flowers, blooming all summer. 15 to 18 in., 50c; 10 for \$4.50.



Hydrangea (Paniculata Grandiflora)

BILLARDI—Produce rose-colored flowers in great abundance nearly all summer long. Should be in every collection of shrubbery. 2 to 3 ft., 30c; 10 for \$2.50.

VAN HOUTTEI (Bridal Wreath)—A well known Spirea, a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom; the foliage hardly showing. It is of a drooping habit, reaching a height of 6 to 8 ft. when matured, producing a profusion of white flowers in June. 18 to 24 in., 25c; 10 for \$2.00; 2 to 3 ft., 35c; 10 for \$3.00.



Tree Althea

HARDY HYDRANGEA (Paniculata Grandiflora)—fine shrub growing from 5 to 6 feet high. It is hardy, enduring the severest winters outdoors without protection; easily transplanted, not one in a thousand dying. Never fails to bloom the first year planted; blooms in great profusion; flowers large. It is thus attractive immediately after it is planted; gaining in beauty and grandeur. 1 yr., 50c; 2 yr. extra large, 75c.

HYDRANGEA ARBORESCENS (or Hills of Snow)—Hardy bush; begins to bloom in June and continues throughout August. Plant attains a height of 6 ft. Grows with nearly the same breadth with large trusses of dazzling whiteness rendering this plant a peerless beauty, 1 yr. plant, 50c; 2 yr., 75c.

V. STERILLIS (Snowball)—One of the best known old shrubs, bearing large balls of beautiful snow-white flowers in June. The old fashioned Snowball. Perfectly hardy. 2 to 3 ft., 50c each.

V. PLICATUM (Japanese Snowball)—A very popular shrub. An upright grower with fine, dark, crimped foliage and densely covered with large balls of pure white flowers in June. 2 to 3 ft., 75c each.

BUDDLEIA

VARIBILIS MAGNIFICA (Butterfly Bush)—This shrub of comparative recent introduction has grown into favor almost immediately. It is a semi-herbaceous plant, by which we mean in some latitudes it will die down to the ground; and while perfectly hardy, we recommend covering the roots with manure, leaves or other suitable material as winter approaches, as it will help to produce a heavy growth the next season. It is very hardy; blooms the first season, usually from June until frost; the blossoms are borne on long, graceful stems, which terminate in tapering panicles of lilac-colored flowers that are of miniature size, the flower head is frequently ten inches long. 40c each; 3 for \$1.00



Spirea Van Houttei

Hardy Ornamental Vines

Nothing lends such pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas. Hardy vines practically take care of themselves after they are once established and are much more desirable and less trouble than annual or tender varieties.

AMPELOPSIS

QUINQUEFOLIA. (Virginia Creeper.) This is one of the commonest of the climbers, and at the same time the most useful and the most vigorous growing, doing well in almost any kind of soil. The leaves turn to a bright scarlet and purple in the fall. The dark blue berries remain quite late. 2-year-old, 35c each; 3 for \$1.00.

AMPELOPSIS VEITCHII. (Boston Ivy.) This is one of the finest climbers we have for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage, giving it the appearance of being shingled with green leaves; quite hardy and very popular. 35c each; 3 for \$1.00.

SWEET-SCENTED HONEYSUCKLES

HALLS JAPAN. Flowers are intensely sweet scented, hardy and almost evergreen; constant and most profuse bloomer; flowers buff yellow passing to white. 35c; 3 for \$1.00.

RED CORAL. Very rapid grower, producing clusters of scarlet trumpet-shaped flowers in great abundance; very pretty and fragrant, 40c; 3 for \$1.00.

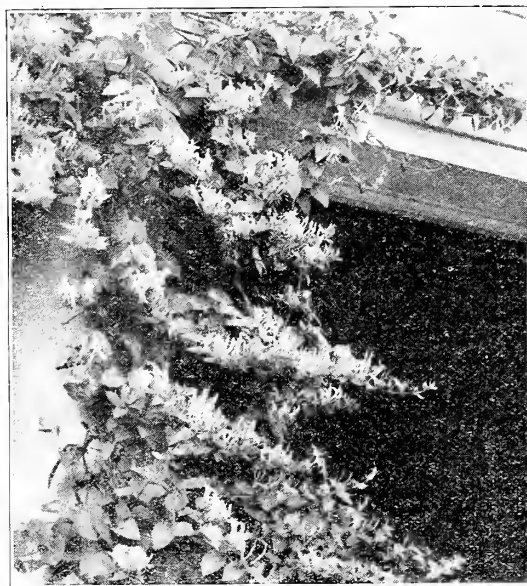
CLEMATIS

PANICULATA. (Virgin's Bower.) A rapid grower and a profuse bloomer; flowers small, white, fragrant, produced in great panicles; is very popular. 2 year, 50c; 3 for \$1.00.

JACKMANII. Flowers from 4 to 6 inches in diameter; rich purple, with a velvety appearance, blooms continually from July till frost 2 yr., 75c.



Ampelopsis Veitchii



Hall's Japanese Honeysuckle

CHINESE PURPLE WISTERIA. One of the most elegant and rapid growing of climbing plants. Flowers a beautiful color which bloom in July; 2 yr., 50c; 3 for \$1.30.

CHINESE WHITE WISTERIA. Similar in all respects to Chinese Purple; flowers a pure white. 2 yr., 75c. 3 for \$2.00.

CLIMBING ROSES

2 Year Plants, 60 cents each; 3 for \$1.70; 10 for \$5.00



Marchal Niel

AMERICAN PILLAR. (C. P.) Large single flower of rich rosy-pink, approaching brilliant carmine just a glint of white at center and golden-yellow stamens, a profusion of bloom almost covering the foliage. Grows thick, vigorous canes and broad dark green leaflets, tough, shining and insect proof. A new and valuable climber originated by the U. S. Government Department of Plant Introduction.

CLIMBING AMERICAN BEAUTY. (H. T. W.) A seedling from American Beauty with an admixture of Wichuraiana and Tea blood. Same as its name sake in size, color and fragrance, with better blooming qualities, good foliage.

CLIMBING HELEN GOULD. (C. H. T.) Warm water-melon red, same in color as its parent in bush form.

CRIMSON RAMBLEE. (C. P.) Most popular out-of-door climber of today; a rapid producer of long heavy canes reaching a height of ten to twenty feet in one season.

DOROTHY PERKINS. (H. P.) Beautiful shell-pink color, which holds for a long time, fading finally to a lovely deep rose, very sweet-scented.

EXCELSA OR RED DOROTHY PERKINS. (H. W.) Intense crimson-scarlet; double flowers in brilliant clusters set in glossy, shining foliage which never mildews nor spots.

MARCHAL NIEL. (Yellow) (Cl. N.) The grand old Southern favorite with a fragrance equalled by none. Full, double, golden-yellow blooms with a fragrance equalled by none. Full, double, golden-yellow blooms should have one or more of these grand climbers shedding their perfume at the door. More call for these than for all other climbers combined.

SHOWER OF GOLD. (H. W.) Deep golden-yellow and orange flowers borne in splendid trusses forming a mass of bloom.

SELECTED STRONG FIELD GROWN ROSES

FOR OUTDOOR PLANTING

These Roses are propagated on their own roots. No briars or suckers will grow from the roots. Roses on their own roots are the best for the amateur planter and merit in the end always triumphs. Our stock is larger than ever before and if possible in finer condition, but the demand, of necessity, is very great and again we urge, **ORDER EARLY** that you may not be disappointed.

Large 2 year plants, 60c each; 3 for \$1.70; 12 for \$5.00.

HYBRID—PERPETUAL

ALEXANDER HILL GRAY. (T.) Deep lemon yellow, similar in Color to Marchal Niel. Large, full flowers with high pointed center and perfect form, freely produced. The best pure yellow Tea Rose yet offered. Gold Medal N. R. S.

AMERICAN BEAUTY. (H. P.) Deep pink, shaded with carmine; large globular, delicious odor, desirable for forcing.



American Beauty

BLACK PRINCE. (H. P.)

Intensely dark crimson, approaching black; cup-shaped, large and full, one of the finest of its class and color.

BRIDESMAID. (T.)

buds exquisite shape; stems long; profuse bloomer.

CLIO. (H. P.) Vigorous grower; globular flowers of flesh color shaded to center with rosy pink.

COLUMBIA. (H. T.) Peach blow pink, deepening as it opens to a glowing color resembling a perfect Shawyer. A large rose with long, stiff stems, nearly thornless; free from mildew.

FRAU KARL DRUSCHKI. (H. P.) Snow white, very large, perfect form; vigorous.

GENERAL JACQUEMINOT. (H. P.) A celebrated and much sought after variety, shapely buds and handsome blooms of bright, shining crimson, rich, brilliant velvety and fragrant. Everybody knows and wants the "Jack" for its all 'round good qualities.



Maman Cochet

WE WILL HELP YOU CHOOSE

Tell us what you would like to plant and we will tell you the best varieties to order.

Many of our customers plant the home grounds but are in doubt as to the best varieties to use. There may be something about the climate or the soil that demands consideration. It is our business to know what, where, when, and how to plant every variety of tree, shrub, vine or plant we catalogue, and this knowledge is always at the service of our friends.

Put your problems up to the men who KNOW. We are always glad to answer questions.

Remember Shahan Brothers are quoting you prices delivered to you and not at the nurseries.



Kaiserin Augusta Victoria

STRONG FIELD GROWN ROSES

GRUSS AN TEPLITZ. (H. C.) Hardy in all sections; grows freely; vivid, dazzling, fiery crimson; sweetly fragrant; produces a mass of gorgeous blooms on long stems.

KAISERIN AUGUSTA VICTORIA. (H. T.) Pure white; splendid large buds and superb, full double blooms, making the choicest cut flowers, blooming from early spring until late frost.

LA FRANCE. (H. T.) Delicate silvery rose, changing to a silvery pink; very large, full, of fine globular form; a most constant bloomer.

MARSHALL P. WILDER. (H. P.) Raised from the seed of General Jacqueminot. Cherry color of good size, perfectly double.

MME. CAROLINE TEST-OUT. (H. T.) Flowers large and double, color clear bright rose, very sweet resembling La France, but of more sturdy habit, very free flowering; one of the best.

MAMAN COCHET. (T.) Rich, rosy-pink, shaded silvery-rose on outer petals; exquisite in color and graceful in form, delightfully fragrant. Unquestionably the queen of pink Tea Roses.

MRS. JOHN LAING. (H. P.) Soft, delicate shade of pink; flower large, well formed, very fragrant; buds long, pointed and extremely pretty.

MRS. R. G. SHARMAN CRAWFORD. (H. P.) New. Deep rosy pink, outer petals pale flesh, base of petals cream; large and perfect form. A constant bloomer and vigorous grower.

PAUL NEYRON. (H. P.) Largest rose in cultivation; Color bright cerise red; blooms often 5 inches in diameter; very fragrant. Plant strong, healthy, has clean, glossy foliage. June-October.

SUNBURST. (H. T.) Orange-copper or golden-orange and gold-yellow, all intense shades, giving an extremely brilliant effect. A giant rose, long stems, long pointed buds.

THE BRIDE. (T.) Pure white under glass, taking on a delicate pink tinge out of doors. Produces abundantly for cut flowers.

ULRICH BRUNNER. (H. P.) This is by a great many considered the finest red rose in existence. Color brilliant cherry-red. This variety is a seedling of Paul Neyron, from which it derives its immense size. It has fine form, is intensely fragrant, and the flowers have great lasting qualities. Branches are almost thornless and the foliage is very strong and healthy.

WHITE MAMAN COCHET. (T.) Very large and beautifully formed in bud and bloom; pure waxy-white under glass, taking on a faint pink blush out of doors which enhances its beauty.

FRANCES SCOTT KEY. An American. Hybrid Tea seedling raised by John Cook and named in honor of the author of our national hymn, "Star Spangled Banner." A heavy double rose of great substance and strong healthy characteristics. Buds long and pointed, opening full and double. Color a rich glowing scarlet, with darker shadings on outside of petals. A valuable cut flower variety, blooms commanding the high price. Produces blooms in great profusion throughout the entire summer. Hardy everywhere. Valuable outdoor variety.



GRUSS AN TEPLITZ

Shahan Brothers

NURSERYMEN

Winchester, -- -- -- Tennessee