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**DESCRIPTIVE
CATALOGUE**

RECEIVED
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U. S. Department of Agriculture.

**GROWN
AND FOR SALE
AT THE**

**Fruit & Ornamental Trees,
Vines, Shrubs, Plants,
Roses, Etc., Etc.**

**WOODBURN
NURSERIES.**

**Woodburn,
Marion Co.,
Oregon.**

**F. W. SETTLEMIER,
J. H. SETTLEMIER.**

**J. H. SETTLEMIER & SON
Proprietors.**

ESTABLISHED 1863.

DESCRIPTIVE CATALOGUE

—OF THE—

WOODBURN NURSERIES.

200 Acres, all of which

Is devoted to the growing of Nursery Stock.

J. H. SETTLEMIER & SON,
PROPRIETORS.

Woodburn, Oregon.

In presenting this Catalogue we intend for it to describe the habits and growth of fruit and seasons of ripening of all the older and well-known varieties of Fruit Trees, Vines and Plants, as well as the choicest and most desirable of the newer varieties; also Ornamental Forest and Nut bearing trees, Evergreens, hardy Ornamentals and Flowering shrubs. Vines and Plants, both old and new, all of which are grown by the Woodburn Nurseries.

It also contains valuable tables for the Planter and Orchardist, besides some useful suggestions to the purchaser concerning the planting and care of trees.

WOODBURN WORLD STEAM PR. NT, WOODBURN, OREGON.

VALUABLE TABLES.

DISTANCE FOR PLANTING.

Apples,	25 to 30 feet apart each way.
Pears,	20 to 25 feet apart each way.
Peaches,	18 to 20 feet apart each way.
Prunes,	20 to 25 feet apart each way.
Plums,	20 to 25 feet apart each way.
Cherries,	20 to 25 feet apart each way.
Apricots and Nectarines,	18 to 20 feet apart each way.
Grapes, ..	8 to 10 feet apart each way.
Currants and Gooseberries, ..	4 by 6 feet.
Raspberries and Blackberries, ..	5 by 7 feet.
Strawberry plants for garden culture,	2 by 3 feet.
Strawberry plants for field culture,	1 by 3 feet.
Strawberry plants for berry culture,	1 by 4 feet.

NUMBER OF TREES AND PLANTS ON AN ACRE AT VARIOUS DISTANCES.

INCHES.	NUMBER	3x3?	4,840	7x7	888	18x18	134
3x3	696,960	4x1	10,890	8x8	680	19x19	120
6x4	392,040	4x2	5,445	9x9	537	20x20	108
6x6	174,240	4x3	3,630	10x10	435	25x25	60
6x9	77,440	4x4	2,722	11x11	360	30x30	48
12x12	43,560	5x1	8,712	12x12	302	33x33	40
FEET.		5x2	4,356	13x13	257	40x40	27
2x1	21,780	5x3	2,904	14x14	222	50x50	17
2x2	10,890	5x4	2,178	15x15	193	60x60	12
3x1	14,520	5x5	1,742	16x16	170	66x66	10
3x2	7,260	6x6	1,210	17x17	150	70x70	9

To ascertain the number of trees or plants required for an acre. Multiply together the distance that the trees are to set apart each way and divide this into 43,560, (the number of square feet in an acre) which will give the number required.

GENERAL REMARKS.

In presenting to the consideration of our friends and the public a short and condensed **Descriptive Catalogue of the Woodburn Nursery**, we desire to return our sincere thanks for the liberal patronage bestowed upon us in the past and to again express our determination to merit the continuance of the same, by our strict attention to business, and by putting forth our best endeavors to please our customers.

THE NURSERY.—Our Nursery is located at Woodburn, Marion Co., Oregon, at the junction of the Woodburn-Springfield branch, of the Southern Pacific railroad and the the Southern Pacific, 35 miles from Portland, in the famous Willamette Valley.

STOCK.—All stock offered is strong and healthy, true to name and free from insect pests. Our trees are grown on a dry rolling ridge of deep loam, where we are able to dig trees at any time of the winter. We do not irrigate or use manure on our grounds. Constant watchfulness is exercised to prevent the propagation of weak or imperfect stock.

PRICES—No attempt is made to out-do other nurseries in prices. It costs money to grow first class stock and we have no other for sale. So-called cheap stock generally proves very dear in the end. Special prices will be made for large orders.

PACKING.—All orders are packed by experienced men, for which a moderate charge is made, and so carefully is it done, that complaints from bad packing are exceedingly rare.

MISTAKES.—The greatest pains are taken to prevent mistakes in filling orders, but, should any occur, prompt notice of the facts and circumstances will assure correction without delay.

GUARANTEE OF GENUINENESS.—While we exercise the greatest care to have all of our trees and plants true to label and hold ourselves prepared, on proper proof, to replace any that may prove otherwise, we do not give a warranty, expressed or implied: and in case of an error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than was paid for same.

PLANTING AND MANAGEMENT.

The soil for an orchard should be a dry rolling ridge, not subject to surface water. Thousands of fine healthy trees are annually lost, by carelessness in transplanting and for the want of care the first year. The fault is often laid to the Nurseryman when it lies with the planter. To prepare your land for the trees, plow deep and thorough, so as to have the soil all pulverized; dig holes large enough to take in all the roots without crowding them. Be careful to keep all the cavities filled around and between the roots, do not set the tree quite as deep as it stood in the nursery, unless your land is very dry, trim all the limbs off, unless the tree has a very nice round head, then cut back three-fourths of their length; keep them clear of weeds by frequent stirring of the soil. A hoed crop may be raised among them without injury if not planted nearer than four feet of the trees. Always plant your trees in the Fall if possible. The advantage gained by planting in the Fall allows the tree or plant to have sufficient time before the appearance of Winter to become measurably acclimated, and the roots to obtain a good hold in the soil, and if properly mulched, they will come out in the Spring in good condition ready to grow long before the ground is in a fit condition to work. They also gain the advantage of the early Spring rains which are of inestimable value. A better selection of trees and plants can be obtained at the Nursery in the Fall than in the Spring.

Still as a matter of convenience some prefer Spring and others Fall planting. We would say procure your trees in the Fall. When you get trees or plants care for them well for a few years if you want them to do anything for you, keep the ground loose and moist after planting; visit them often, keep injurious animals or insects away from them and you will succeed with your trees.

PLEASE REMEMBER:

1.—**Name and Address.** Please to write your name, Postoffice and county as plainly as possible, also the route you wished goods shipped, if no directions are given we will forward same according to our own judgment. Orders must be accompanied by cash or satisfactory references.

2.—All orders should be sent as early as possible, that there may be plenty of time for shipping long distances, when early preparation is also necessary. Customers ordering early consult their own interest in getting first pick.

3.—We endeavor to fill all orders promptly and, as nearly as possible, in rotation as received, condition of weather and matters unavoidable being the only cause for delayed rotation.

Descriptive Catalogue of the Woodburn Nurseries,

4.—All orders should be written on a separate sheet and not mixed up with the body of the letter. This will prevent mistakes that usually occur in such instances and facilitates execution of orders materially.

5 —Where particular varieties, age and size of trees, etc. are ordered, it should be stated whether and to what extent substitution will be allowed, in case the order cannot be filled to the letter. Where no instructions in this respect accompany the order, we shall feel at liberty to substitute other varieties of the same class or species to conform as nearly as possible; keeping in view the season rather than color, quality rather than size, height rather than age. If no substitution is desired, write "No Substitution," and we will fill only as far as we have the stock.

6.—When the selection is left to us we shall endeavor to send only such sorts as are acknowledged to give general satisfaction. However, customers should state what proportion of early, medium and late fruit is wanted. Please remember this.

7.—All trees and plants are carefully dug, tied in bunches, labeled, and packed, in the best manner, and are delivered to railway station here free of cartage. In so delivering our responsibility ceases.

FRUIT DEPARTMENT.

APPLES.

No fruit is more universally liked, or generally used, than the apple. It is exceedingly wholesome and the finest sorts are much esteemed for dessert, and the little care required in its culture renders it the most abundant of all fruits in temperate climates. As the earliest sorts ripen in June, and the latest can be preserved until that season, it may be considered as a fruit in perfection the whole year. Besides its merits for dessert, the value of the apple is still greater for the kitchen and in sauce, pies, tarts, preserves and jellies, and roasted or stewed this fruit is the constant and invaluable resources of the kitchen.

The apple will grow on a great variety of soils, but it seldom thrives on very dry sands or soils saturated with moisture. Its favorite soil is a strong loam of a limestone nature.

The apple is peculiarly adapted to Oregon and this state is properly named, the country of big red apples. In the East it takes from six to seven years for three trees to come into bearing while in Oregon we expect them to come into bearing the third or fourth year. Our stock of trees comprises the leading and most popular sorts, proven to be the best for this coast, and unsurpassed in vigor, thrift and hardiness.

Summer Apples.

Early Harvest.—Fruit medium size; form roundish, skin very smooth with a few faint white dots, bright straw color when fully ripe, flesh very white, tender and juicy; crisp, with a rich sub-acid flavor. July.

Red Astrachan.—Rather large, deep crimson with pale, white bloom, juicy, acid flavor; tree hardy, good grower and productive. July and August.

Golden Sweet.—Above medium size and well-formed, when ripe pale yellow, flesh tender, sweet, rich and excellent; a valuable sort for cooking or market. August and September.

Summer Sweet Paradise.—Fruit quite large, skin rather thick, pale green, flesh tender, crisp, very juicy, sweet and rich. August and September.

The Queen.—Fruit medium, greenish with a facing of brown in sun, flesh brisk pleasant.

Sweet June.—Medium size, round, flesh

yellowish very sweet and tender eating apple, fair for cooking. June and July.

Red June.—Fruit small, color dark, crimson red. Sweet, good eating apple.—July.

William's Favorite.—Medium roundish flesh yellow white, very mild and agreeable, bears abundantly.

Duchess of Oldenburg.—Medium roundish, oblate, skin smooth, finely washed and streaked with red on a golden ground. The flesh is juicy, sprightly and sub-acid. September.

Jersey Sweeting.—Medium, skin thin greenish yellow, washed and streaked, flesh white and fine grained and exceedingly juicy, tender, sweet and sprightly. September.

Dutch Mignone.—Medium, roundish oblate, skin rather tough, flesh yellowish, a little coarse, tender, juicy, slightly sub-acid, core small.

Sweet Pearmain.—Fruit medium, roundish, flesh whitish, juicy, tender brisk, rich, sweet aromatic.

Red Bietigheimer.—Fruit large roundish, conical, skin pale cream colored, ground covered with purplish crimson, flesh white, firm, subacid, brisk pleasant flavor. One of the largest summer apples. August and September.

Keswick Collin.—Large, light yellow when ripe, ribbed, acid and tart, a good cooking apple, fit for use before fully grown. July.

Yellow Transparent.—Fruit of good size, skin clear and glossy white, changing to a beautiful waxen yellow when fully ripe, ripens ahead of the Early Harvest, just the variety for early marketing when apples command big prices.

Fall Apples.

Alexander.—Large, crimson, striped, juicy, good quality, tree very hardy. October.

Fameuse.—(Snow Apple) medium, skin with a ground of pale greenish yellow mixed with faint streaks of pale red on the shady side, and becoming a fine deep red in the sun. Flesh remarkably white, very nice and juicy with a slight perfume, very good, almost best. October and November.

Twenty Ounce.—Very large, skin greenish yellow. Flesh coarse grained sprightly, brisk, sub-acid. October.

King of Tompkins County.—Large, yellowish shaded with red. Flesh yellowish rather coarse, juicy, tender, with an exceedingly agreeable rich, vinous flavor. December.

Grimes Golden Pippin.—Medium to large, skin yellow with russet dots. Flesh yellowish white with a mild sub-acid good flavor. October and December.

Canada Reinette.—Large, skin greenish yellow. Flesh nearly white rather firm juicy with a rich subacid flavor. December.

Jonathan.—Medium size, skin thin and smooth and of a light yellowish color. Flesh white rarely a little pinkish very tender and juicy with a mild sprightly, vinous flavor. November.

Black Detroit.—Medium. Flesh white sometimes slightly stained with pinkish red. November.

Gravenstein.—Large, skin greenish yellow at first, but becoming bright yellow marbled with light and deep red and

Fall Beauty.--Fruit fair and handsome. Flesh white, tender, juicy, sub-acid, rather rich flavor. September and October.

Westfield Seek-no-Further.--Large, skin pale or dull red over a pale, clouded green ground. Flesh white, fine grained, tender with a rich, Pearmain flavor. October to February.

Tulpy Hocken.--Large, skin yellowish green shaded with dull red. Flesh greenish white, juicy, crisp, rather tender, pleasant, sub-acid flavor. November to

Melon.--Medium, skin pale yellow, nearly covered with light crimson. Flesh white, very tender, juicy, lively, vinous, sub-acid. November and December.

Waxen (Gat).--Medium, pale yellow oily, sprinkled with a few dots. Flesh whitish yellow, crisp, tender, juicy, mild, sub-acid. November and December.

Fall Pippin.--Large, skin greenish becoming yellow when ripe, flesh yellow, tender, rich. September and October.

Holland Pippin.--Large, skin pale green becoming pale yellow when ripe, an excellent kitchen apple. August and September.

Pa. Seek-no-further.--Large, greenish yellow, flesh tender, juicy subacid. November.

Vanderzee Pippin.--Large, skin striped and blotched with light red on yellow, flesh greenish yellow, firm, crisp, brisk, subacid. November.

Indiana Favorite.--Medium, skin yellowish shaded and streaked with red, covered with russet specks, flesh white, tender, juicy, refreshing subacid. September and November.

Winter Apples.

Willow Twig.--Medium, skin light yellow shaded with dull red, flesh yellowish green not very tender, pleasant subacid, valuable for late keeping.

Limber Twig.--Medium, skin greenish yellow, shaded and striped with dull crimson and sprinkled with light dots, flesh white, not tender, juicy with a brisk subacid flavor. January to April.

Mammoth Black Twig.--Large, skin bright red on upper half, the lower half being a reddish yellow, flesh yellow rich firm and heavy, fine grained with a mild pleasant subacid. December to March.

Arkansas Black.--Large, skin black, dotted with whitish specks, flesh yellow, very juicy and delicious flavor, one of the best cooking apples.

McIntosh Red.--Medium, skin pale green striped with red, flesh yellow and compact fine and juicy.

Gano.--Large, skin deep red, shaded on sunny side, flesh pale, fine grained, tender, pleasant, mild, subacid. December.

Salome.--Medium, skin striped, red on pale yellow ground, flesh tender, subacid, juicy, crisp. March.

Clayton.--Large, skin red with darker stripes, flesh yellow, subacid. March.

Hoover.--Medium, skin yellowish striped with red, flesh firm, tender, juicy, rich subacid. November to February.

Rambo.--Medium, skin yellowish white in the shade streaked and marbled with pale yellow and red in the sun and

speckled with large, rough dots, flesh greenish white, very tender, rich, mild, subacid. October to December.

Wolf River.—Large, skin covered in two shades of light and dark. Flesh white, coarse, firm, juicy, sub-acid. October to January.

York Imperial.—Large, skin ribbed, yellowish, shaded with crimson in the sun. Flesh firm, crisp, juicy, mild, subacid. November to February.

Langford.—Large, skin red and striped, fruit of excellent quality and its superior keeping qualities recommend it to all. March.

Winter May.—Large, skin pale greenish yellow, slightly brownish in the sun. Flesh whitish, fine grained, compact, very juicy, mild, sub-acid. February to June.

Domine.—Large, skin pale striped, flesh firm, juicy, fine grained. November and December.

Italy Sweeting.—Large, skin nearly covered with red in the sun, but pale yellowish green in the shade. Flesh greenish white, tender, juicy and crisp with a delicious, agreeable perfumed flavor. March to May.

Red Romanite.—Medium, skin very smooth and handsome, richly streaked with deep red and yellow. Flesh yellow, firm and juicy; valuable for cider. February to May.

Æsopus Spitzenburg.—Large, skin smooth, nearly covered with rich, lively red dotted with distinct yellowish, russet dots. Flesh yellowish, rather firm; crisp, juicy, with a delicious, rich, brisk flavor, December to February.

Baldwin.—Rather large, skin yellow in the shade but nearly covered and striped with red and orange in the sun. Flesh yellowish, white, crisp, with that

agreeable mingling of the saccharine and acid which constitutes a rich, high flavor. November to March.

Winesap.—Medium, skin of a deep red color with a few streaks. Flesh yellow, firm, crisp, with a rich flavor. December to March.

American Pippin.—Large, skin yellow thinly speckled with grey dots and slightly nettled with thin russet. Flesh yellowish, juicy rather coarse, rich aromatic subacid. December.

Virginia Greening.—Large yellow apple with a faint blush, large dots. Flesh yellow, fine grained, firm and richly flavored. December.

Jeniton—Medium, skin yellowish, shaded with red and striped with crimson. Flesh whitish yellow, tender, juicy, pleasant, sub-acid. February to June.

Swaar.—Large, skin greenish yellow when first gathered, but when ripe is a fine gold color. Flesh yellowish, fine grained, tender with a rich aromatic flavor. December to March.

Lady Apple.—Quite small, skin smooth and glossy, with a brilliant deep red cheek contrasting with a lively, lemon, yellow ground. Flesh white, crisp, tender and juicy with a pleasant flavor. December to May.

Northern Spy.—Large, skin somewhat ribbed, striped, with the sunnyside nearly covered with purplish red. Flesh fine, white and tender, mild, sub-acid. November to December.

English Russet.—Medium, skin pale greenish yellow, about two thirds covered with russet. Flesh yellowish, white, firm, crisp. January to May.

Kentucky Strack.—Medium, skin greenish yellow, shaded with dull purplish red. Flesh white, tender, juicy, mild, sub-

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acid. December to March.

Missouri Pippin.—Large, skin pale whitish yellow, striped and splashed with red. Flesh whitish, juicy, sub-acid; good flavor. December to April.

Walbridge.—Medium, skin pale yellow, shaded with red. Flesh crisp, tender, juicy. January to March.

Lawver.—Large, skin dark bright red, covered with small dots. Flesh firm and crisp. January to May.

Wagener.—Medium, skin yellow shaded with crimson. Flesh very tender, juicy, brisk. November to February.

McAfee.—Large, yellowish green, striped with crimson. Flesh white, solid, crisp, sub acid. December to March.

Pewaukee.—Large, skin yellow, striped with dull red. Flesh white, juicy, rich, sub-acid, aromatic flavor. December to January.

Red Canada.—Medium, skin yellow, shaded with deep red or crimson. Flesh white, tender, crisp, very juicy; delicate flavor. January to May.

Ben Davis—Large, skin striped, mostly red, very handsome. Flesh white, tender moderately juicy, pleasant sub-acid. December to March

White Pippin—Large, skin clear greenish white, becoming light yellow when matured. Flesh white, tender, crisp, juicy, rich sub-acid, January to March.

Hyde's King of the West.—Medium, pale yellow, striped with red. Flesh very firm. October and November.

Mann—Medium, skin deep yellow when fully ripe. Flesh yellow, juicy, mild, pleasant sub-acid. May and June.

Stark.—Large, skin greenish yellow,

striped with dark red, moderately juicy, mild, sub-acid. January.

Huntsman's Favorite.—Large, skin a deep yellow with red cheek. Flesh fine, flavor almost sweet. December to February.

Wyken Pippin.—Small, skin greenish yellow. Flesh tender, juicy, sweet, sub-acid. December.

Black Warrior.—Medium, skin greenish, with a few brown dots. Flesh white, rather firm, sub-acid. November to December.

Carter's Blue.—Large, skin greenish, striped with dull red and covered with blue bloom. Flesh white, crisp, firm. November.

Shockley.—Small, skin pale yellow, overspread with red. Flesh crisp, juicy, rich. April and May.

Red Bellflower.—A seedling, being a cross between the Yellow Bellflower and Red June. It has the deep, brilliant red of the Red June with its sprightly acid flavor, but the exact shape of a good sized Yellow Bellflower.

Stephenson's Winter—Medium, skin greenish yellow, sometimes striped with red. Flesh white, rather firm, juicy, pleasant, sub-acid. January and April.

Anderson.—A new French sort, very showy.

Bramley's Seedling.—A very showy apple, new.

Dantziger.—A good and fine looking sort.

Elisa Rathke.—Medium. Flesh yellow, vinous.

Wealthy.—Medium, skin whitish yellow shaded with deep red in the sun,

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speckled with large rough dots, flesh greenish white, very tender, rich, mild subacid. October to December.

Vandevere.—Medium, skin waxen, yellow striped with red and covered with green dots. Flesh yellowish, compact but tender with a fine, rich, sub-acid flavor. October to January.

Rome Beauty.—Large, skin yellow shaded and striped with bright red. Flesh tender, rather coarse grained, juicy. October to January.

Red Cheek Pippin.—Large, skin pale yellow with a beautiful warm cheek and numerous russet dots! Flesh juicy, fine brisk, aromatic, sub-acid. November to March.

Gloria Mundi.—Very large, white skin, greenish yellow. Flesh coarse, tender with a pleasant sub-acid flavor. October to January.

P. Red Streak.—Large, skin striped and mottled with red on yellow ground. Flesh yellowish white, juicy, crisp rich, sub-acid flavor. October and November.

Blue Pearmain—Large, skin stripes of dark, purplish red over a dull ground and appearing bluish from the white bloom. Flesh yellowish, mild, rather rich and aromatic. October to February.

Roxbury Russet.—Medium, skin covered with brownish, yellow russet when ripe. Flesh greenish, white, moderately juicy. January.

Green Sweeting.—Medium, skin green, sometimes becoming a little yellow when fully ripe. Flesh white, tender, juicy, sweet. December to March.

White Bellflower.—Large, skin yellowish white with fine pinkish tinge in the sun. Flesh white, fine grained, ten-

der, juicy, sub-acid. November and December.

Maiden's Blush—Large, pale yellow with red cheek, one of the best for drying, making a white product.

Nickajack.—Large, skin yellow, the most profusely striped apple known. Flesh yellow, firm and heavy, sub-acid, good flavor. November to March.

White Winter Pearmain—Medium, skin light yellowish green with a brownish cheek. Flesh tender, fine grained, mild, sub-acid, rich, aromatic flavor. March.

Yellow Newtown.—Medium to large, color light green becoming yellow, often brownish, red cheek in the sun. Flesh firm, very juicy, rich, aromatic, very best in quality. Tree a slow grower and needs a rich soil. December to February.

Yellow Bellflower.—Large, skin yellow with a tinge of red on sunny side. Flesh crisp, juicy with a sprightly, aromatic flavor. November to January.

Rhode Island Greening.—Large, skin green, becoming greenish yellow when ripe. Flesh yellow, tender, juicy, rich, rather acid flavor. October.

Red Leaf Russet.—Large, skin yellow shaded with dull red and deep carmine in the sun. Flesh yellow, solid, crisp, tender, with an excellent sub-acid flavor. January to April

Golden Russet.—Medium, skin a thick russet on green yellow skin. Flesh fine grained, firm, crisp, rich flavor. November and December.

Peck's Pleasant.—Medium, skin smooth and, when first gathered, green, with a little dark red, but when ripe, a beautiful clear yellow with a bright blush on sunny side. Flesh yellow, fine grained,

Herfordshire Beefing.—Medium, skin brownish red. A prodigious bearer. Flesh firm, tart. April and July.

Reinette Baumann.—A fine looking dark red, sort ripening late in the season.

Reinette de Regmalard.—Medium.

Reinette Oberdeick.—Small, valuable as a late keeper.

CRAB APPLES.

Much improvement has been made in the last few years on this class of trees. They now embrace a great variety in size, color, season and flavor. They are both useful and ornamental. Crab apples are valuable for cider, preserving, jelly and for dessert.

General Grant.—Fruit round, large for a crab, skin cream yellow grown, becoming red on the sunny side, very mild, sub-acid. October to December.

Hyslop.—Fruit large, skin dark rich, purplish red, covered with thick blue bloom. Flesh inclining to yellow, sub-acid, good for cider and for culinary purposes.

Siberian.—Fruit small, about an inch in diameter, growing in clusters, very beautiful. September.

Golden Beauty of Paradise—A native crab of large size, oblong, deep, deep yellow, good flavor, very fragrant; tree a stronger grower than the Soulard, which it resembles in foliage. November and January.

Quaker Beauty.—Fruit large, conical, with beautiful red cheek on a groundwork of white, quality best; tree a strong grower, spreading, bears large crops on alternate years.

Transcendant.—Medium, skin golden yellow with a crimson red cheek, when ripe the red covers nearly the whole surface. Flesh yellow, crisp, and when fully ripe, pleasant and agreeable. August and September.

Whitney's No. 20.—Large, covering nearly two inches in diameter, skin glossy, smooth, green striped and splashed with carmine. Flesh firm and juicy, becoming mealy when ripe, pleasant flavor, earliest crab apple to ripen.

Fed Crab.—Fruit small, red, keeps well till spring, and can be made into very superior cider at any time during the winter. Tree vigorous, hardy, immensely productive.

Soulard.—Native. One of the largest of this class of apples, sour and astringent for eating, but has when cooked a fine, quince-like flavor; color green, becoming yellow in spring; tree rather low, spreading, productive. Valued also for its fragrant perfume of the wild crab.

PEARS.



The cultivation of this noble fruit should not be overlooked. It far excels the apple in its peculiar delicacy, melting, juicy texture, rich, refined flavor and delicate aroma. Being more difficult to propagate, the price is more advanced; still, as the value of this fruit is appreciated, the cultivation is extended, and while the list is not in keeping with the apple, yet the range of varieties cover the greater part of the season. All want some pears, and the way to have them is to plant them; but, it must be understood that they need attention, and not left to take care of themselves; and expect handsome fruit.

Pears should be picked before maturity; (not allowed to ripen on the trees) ripened in the house they are much better. Many kinds are almost worthless if allowed to ripen on the trees, either in lack of juiciness or richness. Thinning the fruit, if too full, increases the size.

Summer Pears.

Bartlett.—First on the list, and deservedly so. Large in size, irregular in form, with a blush on the sunny side. very juicy, buttery and melting, with a rich, rather musky flavor. August.

Clapp's Favorite.—Large, pale lemon yellow, becoming yellow when fully ripe, bright red cheek to the sun, flesh fine grained, juicy, melting, with a rich and buttery flavor. Earlier than the Bartlett.

Dearborn's Seedling.—Small, skin very smooth, clear, light yellow with a few minute dots. Flesh white, very juicy, and melting, sweet, and sprightly in flavor. Ripens about the middle of August.

Doyenne d'Eté.—Small, skin yellow with a blush on sunny side. Flesh melt-

ing and sweet with a pleasant flavor. Ripens the latter part of June,

Ruffin.—Medium, skin yellow, somewhat covered with reddish brown and russet. Flesh buttery, sweet and of a good flavor. August and September.

Belle d'Ecully.—A vigorous and good bearing sort; fruit large, of a fine lemon color, sometimes tinted with red on the sunny side.

Lawson.—Medium, skin a brilliant crimson when fully ripe, on a clear yellow ground. Flesh rich, juicy and pleasant. Ripens the 1st of July,

Madeleine.—Medium, skin pale yellowish green. Flesh white, juicy, melting with a sweet and delicate flavor, slightly perfumed, Middle of July.

Rostiezer.—Medium, skin dull yellowish green, mixed with reddish brown on

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the sunny side. Flesh juicy, melting, exceedingly sugary, vinous. August.

Seckel.—Small, skin yellowish, smooth russet, with a red cheek. Flesh whitish, buttery, very juicy, with a peculiar rich, spicy flavor. September.

Tyson.—Medium, skin clear, deep yellow at full maturity, slightly russeted, with a fine crimson cheek. Flesh rather fine, juicy, melting, very sugary and somewhat aromatic. Ripens the last of August.

Triomphe d' Vienne.—Medium, skin a fine green color, yellowish at maturity. Flesh, melting or sugary, November and December.

Wilder.—Medium, skin greenish yellow, with a brown red cheek and numerous dots. Flesh white, fine grained, melting, excellent. July.

FALL PEARS.

Beurre Clairgeau.—Large, skin yellow and red with brown dots. Flesh yellow, buttery, with a sugary perfumed flavor. October.

Beurre d' Anjou.—Large, skin light green, with russet and red cheek. Flesh rich, melting and excellent, slightly vinous flavor. October.

Belle Lucrative.—Large, skin yellowish green. Flesh melting delicious; trees bear very young. September.

Beurre Diel.—Large, skin rather thick, lemon yellow, becoming orange yellow when ripe. Flesh white, a little coarse grained, rich, sugary, half melt

ing and buttery; delicious. September
Beurre Bosc.—Large, long russet pear, good flavor and excellent shipper. October to December.

Beurre Superfine.—Medium, skin yellow slightly shaded with crimson on sunny side. Flesh exceedingly juicy, with a brisk vinous flavor. October.

Beurre Hardy.—Large, skin greenish, covered with light russet. Flesh buttery juicy, melting, brisk, vinous of a highly perfumed flavor. September and October.

Duchess d' Angouleme.—Fruit very large, skin dull greenish yellow and a good deal streaked and spotted with russet. Flesh white, buttery and very juicy with a rich and very excellent flavor. October.

Doyenne Boussock.—Medium, skin rough, deep, yellow, netted with russet with a warm cheek. Flesh buttery, juicy, sweet. September and October.

Doyenne du Comice.—Large, skin greenish yellow, becoming fine yellow at maturity. Flesh fine, white, melting, juicy, sweet, a little buttery, rich, slightly aromatic. October and November.

Erwin.—Medium, skin greenish. Flesh buttery, rich and excellent. September.

Fall Butter.—Skin a light, yellowish green, rarely with a blush. Flesh rather coarse, tender, very juicy, slightly vinous. September.

Goodale.—Large, skin light yellow, shaded with crimson in the sun, Flesh whitish, juicy, melting, a little gritty at the core, sweet, slightly vinous, with a brisk perfume. October.

Howell.—Large, skin light waxen, yellow, often with a finely shaded cheek. Flesh, whitish, juicy, melting, brisk, vinous. September and October.

Kiefer's Hybrid—Large, skin rich yellow tinged with red. Flesh white, juicy, coarse grained, acid flavor. September and October.

Louise Bonne de Jersey.—Large, skin pale green in the shade but overspread with brownish red in the sun. Flesh greenish white, very juicy and melting with a rich flavor. September and October.

Le Conte.—Large, skin a rich, creamy yellow when ripe. Flesh white, melting. September.

Onondaga or Swan's Orange.—Large, skin somewhat coarse and uneven, fine, rich, yellow at maturity. Flesh white, buttery, melting, abounding in juice, with a fine, rich flavor. September and November.

President.—Very large, skin slightly rough, greenish yellow, pale red in the sun. Flesh yellowish white, rather coarse, juicy, slightly vinous. Early November.

Souvenir du Congress.—Large, skin smooth, of a handsome yellow at maturity. Flesh much like the Bartlett. August and September.

Shelton.—Medium, skin greenish yellow with bright crimson in the sun. Flesh whitish, very juicy, melting, sweet, rich. October.

Urbaniste.—Medium, skin smooth and fair, pale yellow. Flesh white, yellowish at the core, buttery, very melting and rich, juicy. September to November.

B. S. FOX.—Medium, skin greenish, with a russet. Flesh white, very juicy.

Directeur Alpha 11—Medium, skin greenish yellow. Flesh yellow, juicy and melting.

WINTER PEARS.

Anna Nellis.—Medium, skin yellowish green. Flesh whitish, juicy, melting, sweet. October.

Anna d' Bretagne.—Large, skin pale green, turning to clear yellow. Flesh fine, melting; very juicy.

Armand Morel.—Medium to large. Flesh fine, sugary and well perfumed. November and December.

Belle des Abres.—Fruit large of a fine lemon color, sometimes tinted with red. December.

Bergamotte d' Rouen.—Large, yellow, dotted with brown spots. Flesh white, melting, juicy. December.

Bergamotte Prince Rudolph D' Autriche.—Medium to large, skin smooth, green, turning to lemon. Flesh very melting.

Beurre Gris d' Hiver.—Medium, skin golden russet, with a fine sunny cheek. Flesh somewhat granular, juicy, buttery, melting; flavor rich and sugary. November to February.

Beurre Easter.—Large, skin yellow with a brownish red cheek. Flesh rich and melting, excellent. November to January.

Beurre Rance.—Medium, skin dark green rather thick. Flesh greenish white, sweet rich and juicy.

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Beurre d' Aremberg.—Large, skin brownish green. Flesh white, very melting.

Col Wilder.—Medium, skin light green. Flesh white, melting; very juicy, sweet and delicious.

Chas Cognec.—Medium, Flesh half fine, fine very sugary and well perfumed. November.

Courte Queen d' Hiver.—Very large; first quality. January and February.

Cherise.—Medium, skin yellow and streaked. Flesh melting, juicy and sugary.

Duchess d' Alencon.—Medium; skin covered with a deep russet. Flesh white, melting, sweet and very juicy.

Duchess d' Bordeaux.—Medium, skin yellow. Flesh white, moderately juicy, sweet and pleasant. December and February.

Dana's Honey.—Small, skin greenish yellow. Flesh yellowish, juicy, melting with a rich sugary flavor.

Emile d' Heyst.—Large, skin clear yellow. Flesh yellowish, fine grained, juicy melting, sweet. November and December.

Flemish Beauty.—Large, skin pale yellow; Flesh yellowish white not very fine grained, but juicy and rich. September.

Frederick Clapp.—Large, skin deep yellow. Flesh white, juicy, melting and sweet. September.

Madame Caroline d' Airoles.—Medium, skin thick, clear green. Flesh very sugary and juicy. March and April.

Madame Lya Baltet.—Large, skin greenish yellow. Flesh white, juicy and sweet. December and February.

Mt. Vernon.—Medium, skin rich, russet. Flesh juicy, rich and melting. November.

Passe Colmar.—Large, skin thick and yellowish green. Flesh yellowish white, buttery and juicy with a sweet flavor. December.

P. Barry.—Large, skin deep yellow. Flesh whitish, fine, juicy, buttery rich January to March.

Pound.—Very large, skin green. Flesh firm and solid, stews red and bakes well.

Reine des Verges.—Medium, skin pale yellow. Flesh white, coarse breaking and not juicy. October to December.

Vicar of Winkfield.—Large and long, skin fair, smooth, pale yellow. Flesh greenish white, generally juicy with a sprightly flavor; excellent for baking. December.

Winter Nellie.—Small, skin yellowish green, covered with russet. Flesh yellowish white, fine grained, buttery, very juicy. December.

Zoe.—Medium, skin green. Flesh white, coarse grained. November.

CHERRIES.



Of all the fruit trees there are scarcely any more desirable than the cherry. Requiring but a small plat of ground to supply a family it is one of the most ornamental of all fruit trees. Thrives on almost any soil that is not too wet.

Bing.—Large, skin red, and very black when ripe. Flesh purple; juicy and sweet; very nice flavor. July.

Elton.—Large, heart-shaped, skin pale yellow nearly covered with light red. Flesh rather firm, juicy, excellent. June.

Black Tartarian.—Fruit very large, heart shaped, skin bright black. Flesh purplish tender, rich and good. June.

Early Purple Guinge.—Medium, skin dark red or purple. Flesh tender, juicy, red and sweet. May and June.

Black Eagle.—Above medium, skin deep purple or nearly black. Flesh deep purple, tender and with a rich juice. June and July.

Empress Eugene.—Large, roundish, skin dark red. Flesh reddish, tender, rich and sub-acid, stone small. June.

Black Morello.—Medium to large, skin dark red, nearly black when ripe. Flesh dark red, tender, juicy. July.

Governor Wood.—Roundish, heart shaped, skin light yellow, nearly covered with red. Flesh rather firm, juicy, excellent. June.

Black Republican.—Large, skin very dark when ripe. Flesh juicy, firm and of a purple color, one of the best. August.

Knight's Early Black.—Large, skin dark purple, becoming black. Flesh purple, tender, sweet with a juice of high flavor.

Centennial.—Medium to large, skin very red when ripe. Flesh juicy and firm.

Large Red Procl.—Large, skin dark red, black at maturity. Flesh firm and juicy. June and July.

Downton.—Large, heart-shaped, skin pale cream color. Flesh yellowish, without any red. June.

Late Duke.—Medium, skin, rich dark red. Flesh yellowish, tender, juicy with a sprightly sub-acid. July and August.

Early Richmond (Kentish.)—Medium, skin very red, dark when ripe. Flesh melting, juicy and with a sprightly, acid flavor.

Lincoln.—Large, skin brown red. Flesh firm, sweet and juicy. July

English Morello.—Large, skin dark red, nearly black. Flesh tender, juicy, sub-acid. June.

May Duke.—Large, skin dark red, juicy and rich. June.

Major Francis.—Large, skin red. Flesh yellowish sprightly flavor.

Olivet.—Large, skin very red and shining. Flesh tender, rich and vigorous, very sweet, sub-acid flavor. June.

Royal Ann.—Large, skin pale yellow with a bright red cheek. Flesh very firm juicy, and when fully ripe of an excellent flavor. June.

Reine Hortense.—Large, skin bright red. Flesh tender, juicy with a slight sub-acid. July.

Rockport.—Large, heart shaped, skin

bright red when ripe. Flesh firm, juicy and sweet. June.

Victor's Early.—Large, skin pale yellow with a red cheek when ripe. Flesh white, juicy and firm. July

White Heart.—Large, heart shaped; skin yellowish white. Flesh firm, and when ripe, tender. June.

Yellow Spanish.—Large, skin whitish yellow. Flesh pale yellow, quite firm, sweet, and delicious flavor. June and July.

PEACHES.

The peach is so well known that it seems superfluous to give this "Queen of Fruits" a lengthy description. The peach requires a well drained soil; sandy or gravelly loam suits it admirably, if fertile; otherwise, it should be fertilized with ashes, potash and bone, or well rotted manure, if nothing else is to be had. Cut the trees back severely whenever the fruit buds are known to be killed. Follow the "shortening in" method during the fruitful seasons, as it must be borne in mind that the fruit is produced on the wood of the previous season's growth.

Alexander.—Large, skin greenish white, nearly covered with deep, rich red. Flesh greenish white, very juicy, quality good, adheres to the stone slightly. should remain on the tree until fully ripe when it is very sweet. June.

Amsden.—Large, skin nearly all red, flesh greenish white and good quality, partial cling. July.

Arkansas Traveler.—Large, pale straw color with a delicate pink cheek. Flesh melting, rich flavor.

Briggs' Red May.—Large, skin white, nearly covered with bright red. Flesh white, tinged with red at the stone; very juicy, of a rich sweet flavor; freestone. September.

Cox Golden Cling.—Medium, skin green, cover with red. Flesh white, juicy and sweet.

Early Crawford.—Large, skin yellow with a fine red cheek. Flesh yellow, melting, sweet, rich and very excellent. One of the best; freestone. August.

Foster.—Large, similar to the Early Crawford, but a few days earlier, larger and better quality.

Clabe.—An improvement on the Crawford; late, vigorous and productive. September.

Geary.—Medium to large, yellow, free stone similar to Smock. September.

Hal's Early.—Medium to large, skin whitish green covered with marble red. Flesh melting and rich. 1st of July.

Henrietta.—Large, skin yellow covered with bright crimson. Flesh yellow and of quality good for so late a peach; clingstone. September and October.

Indian Blood.—Medium or below, skin light straw color. Flesh white. The young shoots of this tree have a blood red color.

Late Crawford.—Largest size, skin yellow, with red cheek. Flesh yellow; free stone. September.

Lemon Cling.—Large, oblong having a swollen point, similar to a lemon, skin yellow with red cheek. Flesh yellow, firm, juicy and sweet. August.

Muir.—Large, skin yellow. Flesh firm and very sweet, good drying and canning peach; free stone.

Old Mixon Cling.—Large, skin yellowish white with a red cheek. Flesh pale, juicy and rich, high flavor; cling stone. August.

Old Mixon Free.—Large, greenish white to yellow with a fine red cheek. Flesh pale, juicy and rich. August.

Reeves' Yellow.—Large, yellow flesh with red cheek.

Reeve's Favorite.—Large, skin yellow with a fine red cheek. Flesh deep yellow, red at the stone, juicy, free stone.

Smock.—Large, light orange yellow with dull red cheek. Flesh white and juicy.

Smock's Late.—Large, skin yellow with red cheek. Flesh white and juicy.

St. John.—Medium, skin yellow. Flesh yellowish white and juicy.

Salway.—Large; yellow with a brownish red cheek. Flesh yellow, firm, juicy; flavor very good. September.

Susquehanna.—Large, skin rich yellow with a beautiful red cheek. Flesh yellow, sweet, juicy with a rich flavor; freestone.

Waterloo.—Large, beautiful yellow with a crimson cheek.

Wager.—Large, skin yellow, colored on the sunnyside. Flesh juicy and of fine flavor.

Wonderful.—Large, skin yellow with a beautiful bright crimson blush. Flesh a rich light golden yellow, very sweet, rich and luscious; 50 cents each.

Yellow Rareripe.—Large, skin deep orange yellow, somewhat dotted with red, the cheek being a rich red. Flesh deep yellow, but red at the stone, juicy, melting and excellent; freestone. August.

NECTARINES.

The habit and growth of the tree resembles the peach. The fruit has the distinction of a smooth skin, not so large as the peach, and rarely as fine flavored as our best peaches. Thrives wherever peaches will grow.

Boston.—Fruit large and handsome, peculiar flavor. September. skin bright yellow with very deep red cheek. Flesh yellow to the stone, sweet though not rich, with a pleasant and peculiar flavor. September.
Early Violet.—Medium, skin yellowish green, with a purple cheek. Flesh melting, rich and highly flavored. July.

APRICOTS,

The apricot is one of the most beautiful and delicious of fruits. The tree succeeds best and the crop is more certain when planted on a northern exposure so as to escape injury from late spring frosts, as the buds and blossoms start too early in the spring, and are often injured from that cause.

Hemskirke.—Large, skin orange with a red cheek. Flesh bright orange, tender rather juicy with a rich and luscious flavor, stone small. July. rich and of a high flavor. parting free from the stone.

Large Early Mougamet.—Small, skin pale yellow with a slight tinge of red. Flesh yellow, firm, adhering to the stone, juicy and agreeable acid. July. **Royal.**—Large, skin dull yellow with an orange cheek very faintly tinged with red. Flesh pale orange and juicy, with a rich, vinous flavor. July.

Moorpark—Large, skin orange in the shade, but deep orange red in the sun. Flesh quite firm, bright orange, parting free from the stone, quite juicy with rich flavor. August. **Russian.**—Medium, skin yellow with faint markings of red. Flesh yellow, firm and juicy.

Peach.—Fruit quite large, skin yellow in the shade, but deep orange in the sun. Flesh of a fine yellow saffron color, juicy **St. Ambrose.**—Large, skin deep yellow, reddish next to the sun. Flesh juicy, rich and sugary. August. **St. Catherine.**—Large, skin orange with a red cheek. Flesh yellow, half juicy, sub-acid.

PLUMS---PRUNES.

The plum requires a heavy soil to attain its greatest perfection. Clay with a mixture of heavy loam is the best soil for the plum.

There are no fruits that are more sure to bring returns to the orchardist so quick as these. The trees succeed admirably, are very productive and the fruit is one of the most useful and profitable that we have. Free from disease and pests that ruin and destroy the trees in the East, the plum is in its glory on this coast. The most delicate sweet prune, the delicious golden prune and the hardiest damson thrive and produce with equal abundance. Both fresh and dried the fruit finds a ready market and is a necessary luxury.

Bradshaw.—Large, skin reddish purple covered with a light blue bloom, August. Flesh yellowish, coarse, juicy, brisk, pleasant. August.

Blue Damson.—Medium, skin dark blue with light blue bloom. Flesh yellowish green, juicy, sweet, adheres to the stone. August.

Coe's Golden Drop.—Large, skin light yellow with rich dark red spots on sunny side. Flesh yellow, rather firm, flavor rich, sweet and delicious. September.

Columbia.—Large, skin brownish purple, dotted with numerous fawn colored specks and covered with much blue bloom. Flesh orange, not very juicy, but when at full maturity, very rich, sugary and excellent. August.

De Soto.—Medium, greenish yellow, sugary, a fine flavor. August.

Dray d' Or.—Below medium, skin rich, bright yellow. Flesh yellow, sugary

and rich, separates easily from stone. August.

Early Golden Drop.—Small, skin bright yellow. Flavor sugary and rich. August.

Green Gage—Small, skin green. Flesh pale, green, exceedingly melting and juicy. August.

General Hand.—Large, skin deep yellow, slightly marbled with greenish yellow. Flesh coarse, pale yellow, moderately juicy, sweet and good, but not high flavor. September.

Jefferson—Large, skin golden yellow with a beautiful red cheek. Flesh deep orange, very rich, juicy, luscious and high flavored.

Peach Plum.—Large, shaped more like a peach than a plum, roundish much flattened at both ends, skin light brownish red, sprinkled with obscure dark specks. Flesh pale yellow a little coarse grained, but juicy and of a pleasant sprightly flavor when fully ripe. July.

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Reine Claud d' Bavay.—Large, skin greenish yellow with stripes and splashes of green. Flesh yellow, juicy, melting with a sugary, rich, excellent flavor. September and October.

Smith's Orleans.—Very large, skin reddish purple, covered with a deep bloom. Flesh deep yellow, a little firm, very juicy with a brisk, rich, vinous flavor. August.

Victoria.—Large, skin bright yellow, marbled and spotted with light lilac. Flesh golden yellow, coarse not very juicy or sugary. September.

Washington.—Very large, skin dull yellow with faint marblings of green. Flesh yellow, firm, very sweet and luscious separating freely from the stone. August.

Weaver.—Large, skin purple with a blue bloom. Free, very hardy and thrifty grower.

Wild Goose.—Large, skin purple with a blue bloom. Flesh juicy, sweet. July.

Yellow Egg.—Large skin yellow with numerous white dots, when fully ripe of a deep gold color. Flesh yellow, adhering closely to the stone, rather acid until very ripe when it becomes sweet. Flesh of only a second rate flavor. August.

red. Flesh deep yellow, very sweet with an agreeable flavor.

Mariana.—Medium, skin light purple. Flesh yellow amber with rich, high flavor. August.

Ogor.—Large, skin golden yellow at maturity. Flesh yellow, firm, with a peculiar sweetness. June and July.

Prunus Simoni.—Large, skin deep red with a crimson hue. Flesh firm, rich, sweet, aromatic and delicious pineapple, mingled with banana flavor. July.

Kelsey's Japan.—Large, skin a rich, yellow, nearly overspread with bright red. Flesh firm, rich and of excellent quality. August and September.

Sasuma.—(Blood Plum) Large, skin deep crimson. Flesh very firm, and dark purplish red to the stone. July.

PLUMS-PRUNES SUITABLE FOR DRYING.

Breman.—Medium, skin a bluish purple. Flesh purple and of a very good quality.

French Prune.—(Petite Prune d' Agen) Medium to small, skin reddish purple with a blue bloom. Flesh fine, juicy, sugary, used very extensively for drying in California. September.

Grosse Prune d' Agen.—Large, skin violet, very prolific, often growing double good flavor. September.

German Prune.—Medium, skin purple, with a thick blue bloom. Flesh firm, green, sweet and pleasing; separates easily from the stone. September.

Golden Prune.—Large, skin yellow. Flesh yellow, juicy, sugary. August.

Hungarian Prune (Pond's Seedling)—Very large, skin bright red or carmine, having a thin, whitish bloom. Flesh

JAPAN VARIETIES.

Botan.—Medium, skin yellowish red with a white bloom. Flesh yellow, rich, sub-acid, juicy and delicious.

Burbank.—Large, skin clear cherry

yellow, a little coarse and sugary but not rich. September. Flesh greenish yellow, sweet and rich, adhering to the stone. August.

Italian Prune (Fellenberg.)—Medium, skin dark blue with a bloom. Flesh dark yellow, juicy, sweet and good. October. **Silver Prune.**—Large, an Oregon seedling from Coe's Golden Drop which it much resembles, but is much more productive and makes excellent dried fruit.

Mont Barbet d' Enté.—Medium, skin yellowish, covered with a bloom. Flesh sweet and of an agreeable flavor. **St. Catherine.**—Medium, skin very pale yellow and occasionally becoming a little reddish on the sunny side. Flesh yellow juicy, rather firm. September.

Puymoral d' Enté.—Medium, skin light purple covered with greenish bloom, flesh orange yellow, juicy and sweet. **Tragedy Prune.**—Medium, skin dark purple. Flesh yellowish green, very rich and sweet; parts readily from the stone. June.

Robe d' Argent.—Medium to large, skin deep purple. appearing almost black.

QUINCES.

The Quince is a well-known, hardy, deciduous tree, of small size, crooked branches and spreading bush head. The fruit is of a fine golden yellow, and is much valued for preserving and jellies.

Angers.—Large; tree strong grower and abundant growers. Flesh harsh with a very strong acid. October. **Orange or Apple.**—Large, skin bright golden yellow, cooks well, and of an excellent flavor

Champion.—Large, skin yellow, very showy and handsome. Flesh tender for a quince fine flavor. October. **Rea's Mammoth.**—Very large seedling of the Orange Quince, a third larger but not so productive.

GRAPES.

No fruit, except the strawberry, comes into bearing as soon after planting as the grape. Steep hillsides may be utilized and become the most profitable portions on the place. Southern exposures are the best for grapes. Dry soil is everywhere conceded.

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Plant about eight feet apart each way. Post and wires form the best and cheapest trellis. Prune so as to admit the sun to the fruit. Remember that only new wood is to be cared for, cutting all the old wood away, as the best fruit is obtained from new wood.

Agawam.—A large pea or ambered grape, ripening about with the Concord, skin thick. Flesh pulpy, juicy, sweet and rich; vine a very strong grower.

Adirondac.—Bunches large and compact; berries large, skin thin, dark, purplish, black. Flesh very tender, pleasant and sweet.

Black July.—Bunches small and compact; berries small and bluish black. Flesh tender and juicy.

Black Hamburg.—Bunches large, berries very large, skin rather thick, deep, brownish purple, nearly black when ripe.

Blue Muscat.—Berries large, skin thick, becoming blue when ripe.

Concord.—Bunches compact, berries large, almost black. Flesh somewhat buttery, juicy and sweet.

Catawba.—Bunches medium size, skin rather thick, pale red in the shade but pretty deep red in the sun. Flesh juicy, very sweet.

Creveling.—Bunches medium, berries medium and black. Flesh tender juicy, sweet.

Delaware.—Bunches small, berries small and round, skin thin, of a beautiful bright red. Flesh juicy, very sweet and refreshing.

Diana.—Bunches large, skin thin and of a fine reddish color. Flesh sweet and very juicy.

De Saumer Muscat.—Bunches small, berries medium, skin thin, amber color at maturity. Flesh juicy with a pleasant flavor.

Early Malinger.—Bunches medium, skin thick. Flesh juicy, foxy.

Emelan.—Bunches good size, berries medium, skin deep purple. Flesh tender and sweet.

Isabella.—Bunches large, berries medium to large, skin thick and dark purple. Flesh tender, juicy, rich and sweet.

Isra.—Bunches large, berries medium, skin light, clear, red and thin. Flesh soft and tender, juicy, sweet and vinous.

Israel.—Bunches medium, berries large, skin rather thin. Flesh tender, juicy, sweet.

Ives.—Bunches medium, skin black. Flesh juicy, sweet and rather harsh.

Hartford.—Bunches and berries large, skin black. Flesh sweet.

Lady.—Bunches rather large, berries medium, skin thick. Flesh firm, sweet and richly flavored.

Miller's Birgundy.—Bunches short, thick and compact, skin thin and black. Flesh tender, abounding with a sweet, high flavored juice.

Miller's Missicn.—Bunches and berries medium, skin thin. Flesh tender, sweet and very good.

Merrimac.—Bunches large, berries

large and black. Flesh tender, juicy and sweet.

Muscat of Alexandria.—Bunches very large, berries unequalled in size, skin thick, pale amber, thin white bloom. Flesh firm, sweet and rich, fine, muscat flavor.

Niagara.—Bunches and berries large, skin thin and white. Flesh tender and sweet.

Old Mission.—Bunches and berries medium, skin thin. Flesh tender, sweet and juicy.

Pearl of Anvers.—Medium, skin rather thick. Flesh somewhat inclined to be pulpy, otherwise good.

Salem.—Bunches and berries large, skin thin and dark red. Flesh tender, juicy, sweet and well flavored.

Sweet Water.—Bunches medium, berries round, yellowish green, skin thin. Flesh crisp, watery, sweet, moderately rich.

Worden.—Bunches large, skin thin and black. Flesh sweet and very juicy with little pulp.

Wilder.—Bunches and berries large. Flesh tender, juicy, sweet, rich and slightly aromatic.

White Hamburg.—Bunches and berries large, skin thick, greenish white. Flesh rather poor flavor.

Zinfandel.—Bunches large, berries medium very black, round and flesh acid becoming good when fully ripe.

Gooseberries.

Crystal—very large, skin smooth and very clear, flavor first quality. 20 cents each.

Downing.—An upright, vigorous grower, very spicy, productive fruit; very large whitish green, skin smooth. Flesh soft and juicy.

English.—Large, green, sweet, and of an excellent quality.

Houghton.—Medium, skin pale red, very productive, sweet and good.

Industry.—An English variety, very large, oval, dark red with an agreeable flavor. Plant a good grower, when once established hard to transplant. 25 cents each.

Mountain Seedling.—This resembles the Houghton in color but has a thicker skin, is of an inferior quality

Oregon Champion.—Large, skin light green and hairy. Flesh very sweet, juicy, excellent flavor, very prolific bearer and will not mildew.

Red Jacket.—As large as the largest berry, smooth, very prolific and hardy quality and the foliage the best. \$1 each.

Currants.

Black Naples.—Large. The berries, are quite black, very peculiar flavor, best of black currants.

Cherry Currant.—Very large, berries red, bunches short, good bearer.

Fay's Prolific.—Large, bright red, of good flavor and less acid than the Cherry. 20 cents each.

La Versailles.—Large, dark red, bunches resembles Cherry currant but occasionally longer.

Long Branched Holland.—Fruit large, bunches long, very productive.

Lee's Prolific.—Large, long bunches, skin black, good quality, very productive.

Red Dutch.—An old and well known sort, of best quality but rather small and an abundant and regular bearer.

Victoria.—Medium, bright red, bunches long, good quality.

White Grape.—Berries very large, whitish yellow, sweet and good, very productive.

White Dutch.—Large, of fine yellowish white color, very good flavor,

Raspberries.

Red Antwerp.—Large, dark red, with large grains and covered with a thick bloom. Flesh juicy, with a brisk flavor.

Cuthbert.—Fruit large, deep red, fine flavor, one of the best red sorts.

Golden Queen.—A seedling of the Cuthbert and equal to that popular variety in every respect

Philadelphia Thornless.—Medium, dark red, subacid, good but not rich flavor.

Pride of Hudson.—Large, oblong, firm with a very good flavor.

Souhegan.—A leading early market variety ripening its entire crop in a very short time, medium size, very black, flesh firm and sweet.

Shaffer Colossal.—Very large purple berry, ripening late. Is a splendid sort for canning.

Turner.—Medium, berry red, tender, juicy, sweet, very hardy,

Yellow Antwerp.—Large berry, light yellow. Flesh pale yellow, sweet, and of a good flavor.

Gregg.—The largest of Black caps, black with a rich bloom, very juicy, high flavored and delicious.

Ohio.—The greatest bearer among the Black caps. Berry not quite so large as the Gregg but is of a finer quality.

Blackberries.

Early Harvest.—One of the earliest varieties, fruit medium size, very fair quality, productive.

Erie.—Large, berry nearly round, firm, of excellent quality.

Kitatinny.—Large, berry a rich, glossy black, moderately firm, juicy, rich, sweet, excellent.

Lawton.—An old favorite, esteemed for its productiveness and large size; delicious when fully ripe

McCracken.—Large, not very productive but of good flavor.

Snyder.—Medium size, very productive and though the berries are but small to medium in size, they are sweet and juicy, and without the hard care of many sorts.

Thornless.—Medium, berries of excellent flavor. The cones have but few spines or thorns in comparison to the other sorts.

Wilson, Jr.—Very large, borne in large clusters; berries sweet as soon as colored, productive, valuable for market.

Oregon Evergreen.—A native sort superior to almost every berry in sweetness and flavor. The fruit is of medium size and is a very prolific bearer.

Strawberries.

Bubach (No. 5)—Very large and productive, but not of first quality; fruit is not firm.

Oregon Everbearing.—Berry medium, is a very prolific bearer, very pleasant flavor, ripens with the earliest and continues bearing until November. 75 cents per dozen.

Jucunda.—Large seeds, yellow. Flesh light pink, moderately firm, sweet, not high flavor.

Jewell.—Fruit medium, good form, glossy red color, fair to good quality.

Jessie.—Large berries, beautiful and of good quality; requires rich soil and good culture.

Jas. Vick.—Berries medium, firm, and very good.

Jumbo.—Very large, is a shy bearer; fruit has a dull flavor, and is sometimes hollow.

Sharpless.—Large, irregular, very good quality with fine flavor; a prolific bearer.

Triumph.—Medium, berries firm and of good color with agreeable flavor.

Wilder.—Medium, berries dark colored, firm and of a rich, high flavor.

Wilson's Albany.—Berry of a medium size, very productive, bright red. Flesh of excellent quality with a rich, sub-acid flavor.

Dewberries.

Lucretia.—Berries are very large and handsome, of a shining, jet black, melt-

ing flesh and delicious quality. The plant is a very hardy, strong grower, and is exceedingly productive. Has no seeds.

Mammoth.—Medium, and very good quality but inferior to the Lucretia.

RHUBARB—Pie Plant.—This is one of the earliest garden fruits; is excellent for pies, and continues long in use; also valuable for canning.

MISCELLANEOUS.

Fruits and Nuts.

Almond, Hardshell.—The fruit has the appearance of a half grown peach, which bursts open when fully grown, disclosing the kernel. Tree is quite ornamental.

Almond, Softshell.—Originated in California. Large, soft shell, nut very plump. Tree a good grower.

Almond, Languedoc.—Nut large, shell thin, kernel sweet; one of the best.

Almond, I. X. L.—Tree a strong grower with large leaves, nuts large, shell soft but perfect.

Almond, Ne Plus Ultra.—Tree a good grower, very prolific, nuts large and grown in bunches, very sweet and pleasant flavor.

Figs, Brunswick.—Tree very hardy and strong bearer. Fruit medium.

Figs, White Ischia.—Very large, skin light brown, very sweet flavor.

Figs, Brown Turkey.—Large, purplish brown. Flesh red and delicious flavor.

Mulberry, Russian.—Tree a very rapid grower, makes a nice, ornamental tree. Fruit small.

Descriptive Catalogue of the Woodburn Nurseries.

Mulberry, Downing's Everbearing.—Fruit large, bluish black. Flesh juicy, rich, sugary, with a sprightly, vinous flavor. Tree very vigorous grower with large leaves. \$1.00 each.

Persimmons, Japanese.—Fruit very large, or as big as a good sized apple. Tree very hardy and will grow anywhere.

Juneberry, Dwarf.—A low growing bush with dark glossy green leaves, fruit borne in clusters like the currant, in size it is as large as the Fay currant. Skin red to dark purple when fully ripe.

Medlar.—An apple like fruit, more of an oddity than useful.

American Sweet Chestnut.—The well known chestnut of the forest in the east, does well on this Coast and bears full. In sweetness and delicacy of flavor or as a shade tree it is unsurpassed. It is of a fine growth and is fine for street planting.

Spanish Chestnut.—A handsome round headed, stately tree of rapid growth, yields heavily of nuts which are very large but not sweet like the American Sweet.

Japan Chestnut.—Among the most valuable recent introductions from Japan. It is quite distinct from the European varieties being harder and the nuts are of a superior flavor and sweetness.

Horse Chestnut.—A very ornamental tree having red and white blossoms.

Marron De Lyon Chestnut.—Fruit large sweet and well flavored.

Avant Chataigne Chestnut.—A new sort produced solely by grafting.

Grosse Precoce Chestnut.—A new and early sort, does well where the summers are short and cold.

Numbo Chestnut.—A new sort, quite large and handsome tree, a good grower.

Black Walnut.—One of the most hard some shade trees, makes an excellent tree for street planting. Nuts are large and of a delicious flavor bears very full here and with well developed kernels.

Butternut. (White Walnut)—The nuts differ from those of the Black Walnut in being longer and the meat of a sweeter and more delicious flavor. Tree a good grower and handsome.

English Walnuts.—Tree a very good grower and is excellent for shade. Tree has a nice round head and is very ornamental.

Pecan—This nut so well known and highly prized by all is of the easiest culture. Tree a very rapid grower and does well in this country.

Filberts, Red Aveline.—Large ovate flavor sweet and pleasant, nutty, shell thin, kernel smooth.

Filbert English Cob.—One of the largest and finest of the filberts, oblong meaty and of excellent quality.

This Catalogue is devoted only to fruits. For a list of our Ornamental Stock, Roses etc, send for next list.



