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Do not assume content reflects current scientific knowledge, policies, or practices.
 UR customers need not be afraid Be that the San Jose Scale will be on any trees sent out from The Salem Ureasy NurSERY. Every tree will be carefully examined and fumigated by and under the direction of Prof. Wm. B. Alwood, State Entomologist.


Big-Root, Grow-Fast,Full-Bearing Trees.

## INTRODUCTORY. .

IN presenting this, my new Catalogue, to the public, I would beg leave to return thanks to those who have favored me with their patronage in the past, and respectfully invite a continuance of the same.

THE universal satisfaction my stock has given, furnished through my agents and otherwise, has been very gratifying to me, and I hope, by strict attention to business and honorable dealings, to merit and receive a share of the patronage of a fruit-loving and growing public.

SINCE the rssue of my last Catalogue, many new fruits of much excellence have been introduced, which render it necessary for me to issue a new and revised edition at this time.

MANY make a serious mistake in ordering trees by selecting too many varieties. Sometimes a customer orders 50 trees, and these are divided up among 20 or 30 kinds, which will cause a great deal of trouble and dissatisfaction when once in bearing, in keeping the different varieties separate in packing away for winter, or in selling them, for it is easier to sell a large lot of one variety, than several small lots, each of a different variety.

THOSE who may not be familiar with the varieties of fruit adapted to their locality and wants, would do we! 1 to leave the selection of rarieties somewhat to the Nurseryman.

WE HAVE added largely to our stock, which now comprises a large and select assortment.

THE utmost care has been used to insure accuracy in all the varieties, and purchasers mas fully rely on getting their Trees, \&c., true to name.

WE GIVE our packing and shipping careful and personal supervision, and to still further protect our patrons, as well as ourselves, against loss in this direction, we employ competent hands to assist us.

WE AIM to keep fully abreast of an enlightened and cultivated taste, in the introduction of new and raluable varieties and novelties-accepting with pleasure everything that has real merit, we shall with equal readiness discard and discountenance the sale of worthless humbugs.

THERE are three considerations that claim the attention of purchasers of Nursery stock: First, it is of the greatest importance to procure a fine article. true to name, Secondly, it is of vital importance to secure healthy stock, for without a healthy plant to begin with. we have but a poor chance of success. Thirdly, success often depends on careful packing. We do it.

PLANTERS, visit your newly planted Trees often. Kill the weeds and keep out the cattle. Cattle and young trees won't grow together.

ONE GOOD TREE or Plant, well cared for, is worth a dozen poor, weak, neglected ones.

# NOTICE TO CORRESPONDENTS. . 

MISTAEES - In ease of any mistake on our part immediate notice should be given, so that it may be rectified or explained.
OUR IRESPONSIBILITY-We are in no ease responsible for loss or damage in trarsit. Our responsibility ceases on delivery to agents.
HOW ISES'T 'TO ISEMI'T-Remit by Bank Draft, Postofflee or Express Money Order, Registered Letter or stamps for fraction of dollar.
NEND ORDERS EARIG -Send in your orders early, particularly if long transportation is necessary, and thus we shall be prepared to ship early.
WIRITE OIRIEIRS SEDAIRATELY-Write your orders plainly on a separate sheet of paper, and not in body of letter. State definitely varieties, age, size and number, and route by which you want the goods shipped.

WIRITE FOR ENTIMATIES-Estimates given on large quantities of stock. It costs nothing but will pay you. Write us for prices on lots of 1.000 or more.
ABOETV FIBOXEN TIBEES-If frozen when received, bury the package, unopened, in well-d rained ground, or place in a cool cellar so that it will thaw out slowly and gradually without being exposed to the air.
SEICECNION OF VARIETLES-If seleetion of varicties is left to us we will select them according to our best judgment and long experience. Where varieties are specified we will substitute for such as we may not have, kinds equally as grood and ripening at the same season, unless ordered otherwise.
CARE OF THEES ANI) PLANTS ON ARRIVAK-If not ready to plant on day of arrival, or have more than you can plant within a few hours, they should be healed in.
MANY IEAISN ENPEIRIENCE-Our many years' experience in growing and testing fruits, projogating, digging, packing and shipping Nursery Stock should be considered by intending purehasers. It is our desire that all orders entrusted to our care shall be executed in the best possible manner, that they reach our customers in good condition, that they sueceed with them and we are mutually benefitted by the transaction.
DIRY OIR SHIRIVEILED TIRELS-If they should appear dry or shrivelled when received, through delay in transit or any other eause, take them from the package and phnge into a tub of water, or burv the roots in the gronnd, in an inelining position, so as to cover one-half or more of the tops with the enth, and thoroughly soak with water, and let it remain for twenty-four hours or more until they regain their fresh, plump appearance, when they mav be planted.

PIREAPABATIONS FOIE PIANTING-Dig the hole deeper and larger than is necessary to admit all the roots in their matural position, keeping the surface and subsoil separate. Cutofl broken and bruised roots and shorten the tops to a half a dozen good buds, exeept for fall planting, when it is better todefer top-pruning until the following spring. If not prepared to plant when yonr stock arrives, "heel-in," by digging a treneh deep enough to allmit all the roots and setting the trees therein as they can stand, earefinly packing the eartlathont the roots, taking up when required. Never leave the roots exposed to the sin or air, and "puddle" before planting. While setting the tree continue to fill up and keep the dirt well pressed monnul the tree, doing this with the foot, untrl the hole is full.

## Young Trees Recommended..

$L^{T}$T IS of great importance to the Fruit Grower that he purchase young, thrifty Trees. Old Trees are like old folks-broken bones heal slowly, so with old Trees-they recover very slowly after having their large roots cut off. Young Trees will soon overtake the large ones, and at bearing age will grow much more fruit and live longer, Planters often think that if they can secure old and large Trees they will the sooner have a bearing orchard; but the reverse is generally the case, and unless they are handled with the greatest care and intelligence they will prove worthless. Plant young Trees.

## Distances

For Planting...
Standard Apples............................... . ............ 3 . to 40 feet each way:
Standard Pears and stroug-growing Cherries. .............. 20 " "
Duke and Morello Cherries........................................ 18 is "t
Standard Plums, Apricots, Peaches, Nectarines... ......... 16 to 18 " "
Dwarf Pears........................................................................................... to 12 12 " "
Dwarf Apples..................................................................... 10 to 12 to " " 16 feet apart, "t to 16 feet in rows.
Currants and Gooseberries.......................................... 3 to 4 feet apart.
Raspberries and Blackberries.................................... 3 to 4 by 5 to 7 ft .
Strawberries, for field culture ............................................ 1 to $1 \frac{1}{2}$ by 3 to $31 / 2 \mathrm{ft}$.
Strawberries, for garden-culture............. .................. 1 to 2 feet apart.
NOTE.-A most excellent way in planting an apple-orchard 35 feet apart is to plant yeaches in between. By the time the apples require the ground the peaches will have passed therr prime, and can be removed.
Number of Trees
to an Acre...

| ${ }_{20}^{30}$ feet ${ }_{60}$ part each way |  |  | ... 50 |  | a | ch |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ${ }_{25} 5$ ¢ ${ }_{6}$ |  |  |  | 680 |
| 20 | " | " | . 110 | 6 | " | " | 1210 |
| 18 | " | " | . . 135 | 5 | " | " | 1,442 |
| 15 | " | " | .. 205 | 4 | " | '6 | 2,723 |
| 1: | " | " | ... 300 | 3 | " | '0 | 4,840 |

RULE. - Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for cach plant or hill; which, divided into the number of feet in an acre ( 43,560 ), will give the number of trees to an acre.

Big-Root, Grow-Fast, Full-Bearing Trees.

## APPLES.

THE FIRST FRUIT, ooth in importance and general culture, is the Apple. Its period, unlike that of other fruits, extends nearly or quite through the year. By planting a jndicious selection of summer, and winter sorts, a constant succession of this indispensable fruit can be easily obtained for family use. There is no farm crop which on the average will produce one-fourth as much income per acre as will a good Apple orchard.


Amerisan Sumbirr. (American Summer Pearmain.) Medium size, oblong; nearly covered with streaks and dots of red; flesh tender, juicy and rich, subacid flavor, fine; tren a slow Lrownr, but bears carly and abundantly ; continues in use for several weeks; one of the very best apples. Last of July and August.

Big-Root, Grow-Fast, Full-Bearing Trees.

Carolina (Red) June. An early bearer and vers productive: fruit medium size, dark crimson; Hesh white, very tender, fine-grained, juicy, subacid. June and July.
f...Early Harvest. Rather large, round; yellow: flesh nearly white, tender, juicy, crisp, with rich, spicy, subacid flavor. Tree a moderate grover and very productive; taking all its qualities into consideration, this has no superior among early apples. June and July:
Red Astrachan. Rather large, approaching conical; corered with deep crimson, overspread with a thick bloom ; flesh juicy, rich, acid: from its earliness, handsome appearance, its excellent culinary qualities, and the vigor of the tree, it is worthy of general cultivation. July.
Summer Queen. Large, conical, striped with red; flesh yellewish, acid, with a very rich, high tlavor; fine for culinars purposes. July and August.
Yellow Transparent. A Russian apple of great value; above medium size, roundish oblate, slightly conical: skin a clear whlte, changing to a pale sellow when fully matured. A remarkably early bearer; very prolific: tree a vigorous and upright grower: gives general satisfaction : does well every where, and ripens among the earliest. July.

## AUTUMN APPLES.

Alexander. Russian origin. A very large and beautiful red apple of medium quality; tree hardy but moderate grower. September and October.
Hays' Fall Wine, Medium to large; roundish. Color a rich red, faintly striped on a rich yellow skin: flesh sellow, crisp, tender: juicy with a mild, subacid Havor. Late fall.
Fall Pippin. Very large, roundish: skin smooth, sellowish green, becoming rich yellow when ripe; flesh sellowish, firm, becoming tender, rich aromatic, excellent; valuable for cooking and market: succeeds well everswhere. September and December.
Grarenstein. Large, roundish, striped with red: flesh tender, juicy, very rirh, subacid, high flavor:"productive, handsome and excellent: fine in all localities. August.

Maiden's Blush.; Rather large, oblate, smooth, regular, with a fine, erenly shaded red cheek, or blush on a clear pale sellow ground; flesh white, tender, sprightly, with a pleasant, subacid flavor. This variety forms a handsome, rapid-growing tree, with a fine, spreading head, and bears Jarge crops. August to October.
Oldenburg, (Duchess of Oldenburg.) A Russian variety of vers handsome appearance and great ralue : tree rery hardy, vigorous, and an abundant bearer; fruit medium to large, golden sellow. nearly covered with streaks of crimson ; flesh tender, juicy, pleasant: valuable for the market. August.
Porter. Rather large, regular, oblong, tapering to the eye: skin bright yellow, sometimes a dull blush in the sun : flesh tender, rich, subacid: flavor fine : fair and productire. Deserves general cultivation. August and September.

Rambo. Fruit above medium size; skin smooth streaked with dull yellowish red; flesh greenish white, veryitender, with a rich, spicy, subacid flavor; vers productive. October to January.
Smokehouse. Fruit large, oblate, striped with red on yellow ground; flesh yellowish white, firm, juicy, crisp and rich, with a fine, aromatic, subacidflaror; unsurpassed for culinary purposes: productire. Should hare a place in every orchard. September to December.

Big-Root, Grow-Fast, Full-Bearing Trees.

## WINTER APPLES.

Albemarle Pippiu. We consider this, Yellow Newtown Pippin and Brooks' Pippin identiall. Perhaps no apple stands higher in the market than this, or brings as high a price: others may be more proftable to the grower, It succeeds finely in the Piedmont region and in many parts of the Valley of Virginia, though in poor, cold soils it will not sneeeed. It needs a deep, warm soil to bring it to perfection. Where it does well, we womld still advise planting it largely for market. Fruit large, round, lop-sided, ribhed and irregular ; surface smooth, yellowish green, sometimes bronzy, becoming yellow when ripe; flesh yellow, firm, bittle, juicy; flavor acid, rich, agreeable ; tree alow rrower in the nusery: does not succeed so well below the Piedmont country. This apple is identical with the famous Back Creek Pippin so successfully raised in this connty: Jamary to April.
Winter beikley. Size large, beantifully striped and splashed with bright and dark red: ovalor conie shape ; flesh yellowish : juicy, crisp and very pleasant, subacid flavor. Keeps remarkably well. December to May.
Cofleltos Beanay. A secdling from Ben Davis, which the tree resembles ingrowth. A good mower and abmodat and regnlar bearer: beautifully striped and splashed with red on yellowish ground : is a better keeper and superior in flavor to the Ben Davis.Medimin to lurqe : an mple of tine merit.
Arkalusas Black. Originated in Arkansas Tree rery hardy and thrifty; an early and nliform beirer: large sizc : smooth and round; very black, dotted with whitish specks. The thesh is yellow, rery juicy and dehcious flavor, Has kept until August.
Baldwin. Large, roundish, narrowing a little to the eye; skin yellow in the shade, but nearly covered and striped with red and otange in the sun; flesh crisp, juicy and subacid, ricli; thee a rigorous grower and bears abundantly: succeeds well in Western Maryland and the mountains of Virginia, butdrops its fruit too early in or near the tidewater scetion. Wetober to January-later in the mountains.
Ben Davis. Originated in kentucky; tree remarkably healthy, vigorons, and an abundant hearer: fruit large. handsome, striped; flesh whitish, tender, juiey, subacid; a very profitable market rariety ; should be in every orchard. Keeps till midwinter or later.
Delaware Iate Winter or Lawver. A valuable winter apple, especially in the South. Strong grower and abmodant bearer : fruit medium to large, bright red, fine texture, subacil, juicy: long kecper. It promises to gain the standing in the South that Baldwin has in New Eugland and Northern Spy in western New York. January to March.
Dominf. Larke si\%e, flat, striped with red ; flesh white, juicy, firm, mild, snbacid, sprightly, pleasant flavor: keeps till midwinter: a rapid grower and prodigious bearer. This variety is well deserving of extensive cultivation.
Follawater. large, roundish, slightly ovate, conical, very regular, smooth ; skin yellowish green, with a dull red cheek; flesh greenish white, fine-grained, with a mild, slightly shbacill thoor: tree a strong grower and good bearer: fruit uniformly fair ; highly deserving extensive cultivation. November to February.
Gibbus. A scedling from Delaware. Medium to large; white, shaded with brown : mild, subacill : one of the vory best keepers, of ten good until June. December to April.
Girinses diolden. A native of Brooks Co., West Va.; an apple of tee highest quality. Dr. Warder says: "Toogrod for anght else but the dessert." Medium to large ; flesh yellow, subacid, aromatic, spicy, rich, refreshing; tree hardy, vigorous and productive. January to March.
Habhardson'Nomesuch. Origin Massachusetts. Fruit large, handsome, round, tapering both ways from the middle surface; yellow, covered with mixed red and broken stripes: flesh yellow, juicy, tender, with fine, rich flavor. Deserves general cultivation; valuable for market and dessert. October to January.

Ivanlhoe. A chance seedling from Albemarle Co., Va. It has prored, after thorough testing of many jears, to be a very valuable apple. Tree hardy and very productive: bears young, sometimes at two rears, in the nursery row ; bearsevery sear, and will keep until apples come again, and are plentiful : above medium size; yellow, with slight blush sometimes in the sun; the flavor is excellent, crisp and sprightly; of the Pippin type, resembling the Albemarle. A valuable winter apple.
Johnson's Fine Winter or York Imperial. Medium size. truncated oral, angular; skin greenish yellow, nearly covered with bright red; flesh tender, crisp, juicy, aromatic : an enormour bearer, and hangs well on the tree: it is also a good keeper, retaining its flaror to the last. We cannot say too much in faror of this apple : all things considered, it is scarcely second to any in the catalogue as a protitable orchard variety. February to April. See lut.
Lankford's eedling. Origin Kent Co.. Md. Tree hardy and a good bearer, bearing annual crops : fruit of large size, striped; quality excellent: keeps till April. This new sort possesses many raluable qualities. and will no doubt become a popular sort for late winter use.
Limbertwig. A well-known Southern apple. Medium size; color dull purplish red; Hiaror subacid, rich, aromatic: productive; keeps well. February to April.
阻ilam. Rather below medium size: smooth, yellow, covered with marbled red and indistinct stripes: Hesh white, tender, crisp, juicy: flavor subacid; tree a regular annual bearer. November to February.
Mann. Downing describes the fruit as follows: "Fruit medium to large, roundish, oblate, nearly regular : skin deep yellow when fully ripe, often with'a shade of brownish red where exposed, and thickly sprinkled with light and gray dots, a few being areole; stalk short, wathersmall ; cavity medium or quite large. sometimes slightly corrugated; flesh yollowish, half-fine, half-tender, juics, mild, pleasant, subacid: good to very good." Tree very hardy, grows straight and symmetrical, and makes a large tree in the orchard: it is an early and annual bearer. Said to be a good keeper.
Mammoth Black Twis. (Arkansas Paragon.) Originated in Arkansas. A seedling of the Winesap, which it resembles, butit is superior in many wass. Large, deep red; subacid : early and abundant bearer, and a good keeper; the tree is a strong grower, and roots well. This valuable winter apple has few equals. December to April.
Northern spy. Large, conical. flattened; striped and quite covered on the sunny side with dark crimson, and delicately coated with bloom : flesh white. fine-grained, tender, slightly subacid: both leaf and blossom-buds open a week later than most other sorts. An apple of rery high character, but we cannot advise its planting south of Pennsylvania, except in mountain regions. November to February.
Vansemond Beanty. From Nansemond Co., Va.; said to excel the Winesap in beauty, size, and keeping: its uniform size and handsome appearance render it a desirable surt for marketing. The fruit is large, uniform, of a beantiful crimson-red, somewhat shaded with yellow: flesh quite white, crisp, tender, juicy. Since its tirst introduction this rariety has been steadily growng in favor, and from many sections farorable reports have been received as to its value. December to April.

Paradise Win'er Sweet. Large, regularly formed, roundish: skin fair and smooth, dull green when picked, with a brownish blush : flesh white, fine-grained, juics, sweet, sprightly and good; productive: an excellent apple. Well worthy a place in the orchard. November to February.
Hawle's Genet. Tree moderately rigorous, putting forth its leaves and blossoms much later than other rarleties in the spring, consequently aroiding injury by late frosts: it is, therefore, particularly valuable for the South and Southwest. Fruit medium size, roundish, approaching oblong; color pale red, distinctly striped on yellow ground : flesh nearly white, fine, mch, mild subacid, fine texture, crisp, juicy, compact, a profuse bearer. One of the most popular winter apples South and West. January.to A pril.

Royal dimber Twigr. Very large, pale yellow, blushed or striped with red; flesh ju icy rich and yery good; tree a thrifty grower, and bears well. December to March.
Sutton's Bennty. From Massachnsetts. Large, handsome, roundish; skin jollow, waxen, striped with erimson: Hesh tender, snbacid; tree strong grower and hears well. A raluable new market apple. December to damary.
Twenty Onire. (Cayuga Red-Streak.) Very large and showy, roundish, uneven; greenshi yellow. splashed and marbled with dull red; flesh is good, sprightly, though not high-flavored, coarse-grained: its size and regnlar bearing makos it pophar. October to Jammary.
Winesag. We can scarcely find words sulficiently strong to express the high opinion we have for this frnit, possessing, us it dues, a combination of so many excellent qualities. For cider it has no eqnals: for the tuble it stands among tho best ; for keeping it is justly estecmed; and for hearing it scarcely has a rival. Considering all this, we most earnestly recommend it to the consideration ot orchardists. Fruit medium size, rather oblong: skin smooth, of a finedark red, with a few streaks and a little yellow ground appearing on the shady side; Hesh yellow, firm, crisp, with a rich, high flaror. Decemwer to April.

## CRAB APPLES.

Myslop Crab. Medium large-a little over two inchs in diameter: nearly roumd, with a brilliant scarlet cheek, on a pale, clear, waxen yellow ground; stalk very long and slender: tree very producfive, and hears when very young, quite ornamental; good for preserving. September to October.
Cellow Niberinn crabl. Resembles the red crab except in color, which is of a fine, rich yellow. This is equally good for preserving, and considering the beautiful habit of the tree, the rich, showy hloom, together with its attractive appearance when covered with fruit, we think it highly deserving of a place amongst the omamentals.

## PEACHES.

THE Peach tree requires a well-drained, moderately rich soil; a warıa, sandy loam is probably best. To preserve the continued healthy growth of the trees and the fine quality of the fruit, the trees should have the best shoots and branches shortened every year, so as to preserve a round, vigorous he.d with plenty of young wood; and the land should not be seeded to grass, but kept in constant cultivation in hoed crops.

Unbleached wood ashes and pure ground bone are the best fertilizers.

| perches | noz | $\begin{gathered} 100 \\ 8000 \end{gathered}$ | $\begin{aligned} & 1,600 \\ & 85000 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Merliumi | 75 | 100 | 300 |

Alexmmiler. One of the earliest peaches. Frnit medium size, nearly covered with erimson: flesh white and good; valuable market variety South; bears very young. June.
Bilyen's Iate. Oripinated in Carolina Co., Md. A rery late peach.ripening after Smock Frer and Salway. Frnit of large sizc: color white, with a beautifnl blush cheek: flesh white il reestome, and an excellent shipper.
Bramdywine. A peach closely resembling Crawford's Late in appearance, but ripening ten days later; it is fully as large as Crawford's Late. Flesh yellow; frecstone.

Crawford's Early. A magniticent large. yellow peach, of good ruality tree ex ceedingly rigorous and productire: its size and beauty make it one of the most popular orchard fruits; flesh very juicy, rich, slighty subacid, of yood Havor: valuable as a market variety; freestone. First of August.
Crawford's Late. A superb fruit, of very large size: skin yellow, with a broad, dark red cheek; flesh deep yellow, but red at the stone, juicy and melting, with a very rich and excellent vinous flaror. This is undountedly one of the rery best yellow peaches, and an admirable market fruit; tree vigorous and productive: freestone. Middle of Au. gust.
Chinese Cling. Fruit large, romadish, oral; s'an transparent crexm color, with marbling of red next to the sun: fiesh creamy white, very juicy and melting. with a rich, agreable flaror. Last of July.
Crosbey. (Excelsior, Frost Proof.) This raluable peach has been tested for ten years in the bleakest parts of New England. and in each case has proved itself to be first-class in erery way. In 1886 and 1890 , when there was a total failure of the peach crop, from the late frost, the Crosbey bore its regular heary crop. Being almost frost proof, it should be planted generally. The fruit is medium size, bright yellow, splashed and streaked with carmine on the sunns side; the flesh is firm, sweet and delicious: stone rery small: an enormous bearer. It ripens between Early and Late Crawford.
Champion. This new peach comes from Illinois, recommended as an ironcrad against frost. as in $18 \% 0$. when there was a total failure of the peach crop, it bore hearilr. It has stood a temperature of $18^{\circ}$ below zero. and bore well the following season. Fruit is of large size : skin creamy white. with red cheek: the flesh is white, rich and juic5: a perfect freestone and good shipper. July.
Chairs' Choise. Originated in Anne Arundel Co.. Md. Fruit of very large size, rellor, with red cheek; Hesh yellow, firm and of good quality: tree a strong grower and good bearer. Ripens just before Smock.
Elberia. An exceedingiy large, high-colored yellow peach-a cross between Crawford's and Chinese Cling: juicy, well-iiarored: said t obe probably the best yellow freestone in existence, Ripens early in August.
Globe. Origin Pennsylvanıa. Tree a rapid grower and an enormous bearer : large : goldell yellow, with a red blush : Hesh firm, sweet and delicious; uniformls large : freestone. September 20 th to October 1st.
Grosse Miguonno. (hoyal Kinsington.) Fruit large: dull white, with red cheek: tlesh pale, juicy, with a very rich, high. somewhat vinous flavor; a free grower and good bearer; separates from the stone, which is small. First of August.
Heath Freestome. A tine peach: fruit large: skin white; flesh juicy, rather tender, with a good flaror. Beginuing of september.
Heath Cling. This is, perhaps, the rery best of the late clingstone peaches. Its very large size, besutiful appearance, high and luscious flaror, combined with its late maturity, and the long time it mar be kept after taken from the tree, render it a most raluable sort for market. Fruit very large : skin pale yellowish white, with a faint blush or tinge of red in the sun; flesh greenish white. vers tender and melting, exceedingly juicy, with a sweet, rich, high and luscious fiavor; tree hardy and vigorous. Middle of September, and sometimes keens a month after taken from the tree.
Lady Ingold. A larg, handsome, yellow freestone, ripening immediately after Hale's Earls; resembles Crawford's Early in size and appearance; quality very good: promises to be a valuable acquisition.
Monntain Rose. A variety of very great value: very profitable for market, and is steadily growing in faror. Fruit large, roundish : skin whitish, nearly corered with light and dark. rich red; flesh white, slightly stained at the stone, juicy, sweet: separates freely from the stone. Ripens just after Troth`s Early.


## Wheatland.

oldminon Eraenobr. Is a the, large, productive taricty, succeeding well in all localities, and well deerving of the high favor in which it is held as an orehard variety ; skin yellowish white, with deep red cheek: flesh white, but red at the stone, tender, rieh. excellent: indispensable. Middle of August.
 bile white, vers melting and juicy, with an exceedingly rieh, luseious flavor; one of the most desimble elingstone beaches. Middle of Angust.
Rivere (barly Rivers.) Whe of Rwers' seedings, introduced from England, Large; color palestraw, with a delicate punk cheek: flesh melting, or rather dissolving, with rich, racs flavor : ripeny ten days later than Farly Beatrice. Best peach of its season.
Iberves bavorite. Fruit large, roundish, with a fine red eheek; Hesh deep yellow, red at stone, juicy, melting, with a good vinous flavor. One of the largest and handsomest peaches. Should be in every orchard. First of September.
Ringrold fing. Said to be larger and in every way superior to Heath Cling, with which it ripens.
salwiy. A larre late, yellow freestone, of English origin: handsomely mottled, with a b.iownish red cheeri ; flesh deep yellow, juicy, melting, rich; very productive; a variety growing more and more in faror with the orchardist. Pinens after Smock. Free.
Amock prow. lather large: yellow, with a red check: flesh yellow, red at the stone; very broductis $\mathrm{m}_{\text {: }}$ not of highexeellener, hit valuable as a market variety. In the Delaware and Maryland peach-growing di-tricts this variety is planted perhaps more extensively thanamy orhersort, and large prosits have been realized from it. Midde to last of Sept.
sflom: flad Wowld. Large, creamp white, with a bright red cheek; flesh white, juicy and high-flaworel ; very productive : one of the best market varieties. Midde of Aug.

Big-Root, Grow-Fast, Full-Bearing Trees.

Wonderfal. From New Jersey. Large, almost globular, slightly pointed apex. uniform size and shape; rich golden yellow, partly covered with bright carmine; flesh yellow, rich. high-flavored, firm; freestone. One of the best for shipping. October.
Wheathand. An extensive fruit grower says: "It is the largest, hardiest, best, most productive and handsomest of its season, filling a gap just before Crawford's Late, which it excels. Though crowded on the tree, the fruit was all large " This is high praise, and we hope that on further trial it will be found still worths of it (See Engraving.)

## PEARS.

THE Pear, like most other things highly desirable and valuable, cannot be had without attention, labor and skill. The relative price of the apple and Pear being about as one to ten, show at the same time the superior value of the latter, and the greater skill required to bring it to perfection. Summer Pears should be gathered at least ten days before they are ripe, and Autumn Pears at least two weeks. Winter varieties, if they will hang so long, may be left until the leares begin to fall. Dwarfs must always be planted sufficiently deep to cover the junction of the Pear and quince two or three inches, the soil made rich and well tilled, and about one-half of the previous summer's growth cut off each spring. Under this treatment $D$ warfs are everywhere successful.

Pears.........Each, 30c.; Dozen, \$3.00.

## SUMMER PEARS.

Bartlett. Large, yellow, with a soft blush on the sunny side: flesh white, exceedingly fine-grained and buttery, sweet, very juics, with a highly perfumed, rinous flavor. This is justly esteemed one of the rery best pears in cultivation, aild deserves a place in every collection; bears early and well. Juls and August.
Clapp's Favorite. A First'rate early variety, which is rapidly growing in faror; resembles the Bartlett in appearance, but ripens a meek or ten dajs earlier: one of the best native sorts. Fruit large; skin smooth, jellowish green, becoming yellow, dotted and shaded with red next the sun; flesh fellowish white, juicy and melting: of very good quality: Last of July.
Le Conte. Supposed to be a hybred between the old Chinese Sand pear and a cultivated variets. Fruit large, pyriform: skin smooth: tree of remarkable vigor and rapid growth; foilage luxuriant; has so far been nearly free from blight: commences to bear early. and is extremely prolific; fruit ships well, and has been sold in the Boston and New York markets at very high prices; quality variable. [Probably "no new variety*of fruit has ever attracted so much attention in the South asthis. Ripons.aferidaye before Bartlett. Grown only as a standard. (See engraving.)
Osband's Summer. Medium size, jellow, with a reddish", brown cheek: fiesh white, granular, with a sweet, mild and fine flavor; first-rate, in its best_state,"but_soon loses its flavor when mature : productive. July.

## AUTUMN PEARS.

Brandywine. Rather above medium size, dull yellowish green, dotted;and sprınked with russet, and a slight red cheek on the exposed; side; flesh, white, juicy, melting, sugary and rinous, somewhat aromatic; uniformly productive. August.

Big-Root, Grow-Fast, Full-Bearing Trees.


## Le Coute.

Belle linerative. Abovo medium size, yellowish green; melting and fine; a good grower and hearer: does well on the quince: one of the very best pears, and should be in every collection. August and September.
Kiefler. (Kieffer's Hybrid,) A variety originated near Philadelphia, and supposed to be a cross between the Chinese Sand Pear and the Bartlett. Tree a very vigorous grower and an carly and abundant hearer. Fruit medium to large; skin yellow, with a bright vermilion cheek: Hesh brittle, very juiey, of good quality; valuable for market or family use : succeeds best as il standard. September.
Lotise isnnue de Jerspy. Large: pale, yellowish green, with a brownish cheek; Hesh yellowish white, very juicy, buttery, melting, rich, faintly subacid, fine. This variety is scarcely of the highest quality. but is eminently valuable for its large, fair fruits, free growth and great productiveness. September and October.
seckel. Small; skin brownish green at tirst becoming dull, yellowish brown, with a lively russet-red cheek: tlesh whitish, buttery, very juicy and melting, with a peculiarly rich, spicy tlayor and aroma.

## WINTER PEARS.

Lowise \|bune df Jerwey. Large: pale. yellowish green, with a brownish eheek; Hesh yellowish white. vers juies, buttery, melting, rich, faintly subacid, fine. Thls variety is scarcely of the highest quality, but is eminently valuable far its large, fair fruits, free growth and great productiveness: succeeds admirably and grows with great vigor on the quince stock, and should be worked on no other. September and October.

Big-Root, Grow-Fast, Full-Bearing Trees.

Seckel. Small ; skin brownish green at irst. kecoming dull. yellowish brown, with a lively russet-red cheek; flesh whitish, butter , very juicy and melting, with a peculiarly rich, spicy flavor and aroma.
Lawrence. Rather large; yellow, covered with brown dots; flesh whitish, slightly granular, sometimes buttery, with a very rich, aromatic Hlaror: unsurpassed amongst the early winter pears ; succeed well on the quince. November and December.
Vicar. (Vicur of Winkfield:) Large: pale yellnw, with sometimes a brownish cheek: Hesh greenish white, juic5. wut sometimes buttery, with a good, sprịhtly flavor.

## GRAPES.

WHAT crop will pay better: We have in Virginia a soil and climate eminently suited to grape growing, and it is fast becoming an inportant branch of industry in some portions of the State. The vine comes quickly into bearing, yielding fruit usually the second year after planting, requires but little space and when properly trained is an ornament to the yard, garden or rineyard. The soil for the grape should be dry; when not naturally so, should be thoroughly drained. It should be deeply worked and well manured. Gire the vines a warm, sunny exposure.

## Garpes....From 15e to 25e Each.

Brieghton. A cross between the Concord and Diana Hamburg. Bunch large and beautifully formed; berries above medium to large size: usually of a red or Catawba color when first ripe, changing to a redudish purple when allowed to hang long on the rine, covered with a blue bloom: skin thin; flesh tender, rery sweet and - . of a fine and excellent flaror; quality best as compared with the finest
: ... native grapes. The fruit keeps well for an early grape, either on or off the vine: vine productive and rigorous.
Champion or Talmar. Vine a strong, vigorous grower, healthy, hardy, and productive; bunch large: berries large, black: quality poor. but profitable as a market grape because of its extreme earliness.
Conord. There is no grape in the catalogue so popular or planted so extensively as this. It succeeds well in almost all parts of the country, and although of Northern origin, is better here than in its native place. It received the $\$ 100$ premium offered for the grape of the greatest ralue. Vine is a rery vigorous grower and enormously produc-


Brighton.
Big-Root, Grow-Fast, Full-Bearing Trees.
tive, comparatively free from disease: bumeses large, eompact; berries large, romad, blate, with a bhe bloom. A protitable market solt.
Delaware. This grape is now sowell known as to need no commendation. Its carliness, hardiness and almiable sweetness have becone too wellinown to the public to demand mote satid in its behalf: lmonese medimm size, compact; beroies rather small; skin of a beantiful light red color; it is whout harducss or acidity in its pulp; exceedingly sweet, sprighty, vinous and aromatie. Kipens in Augnst.
Gocrhe. (Rogrers. No. 1.) bushand berry large; skin than, yellowish green, tinged with red: theshtender, melting, sweet and delicions: strong grower and very froductive; desorvealy becoming popular. First of september.
 grower and atrombence, free from diease: fonit medium size, black; flenk sweet and soft Barly in Aughst.
1sabella. An old, well-known sort: large size: dark purple; sweet and rich, with a slight mansliy aromat. Begimming of Septrmber.
Lady. (Mriginated in Onio. Said to be a scedling of Concord. Bunch medium size, berry about the size of Concord: light greenish yellow, covered with white bloom ; flesh tender. sweet and pleasant. Early.
Moores Early. A seedling of the Concord, combining vigor, health and productiveness of its parent, and ripening afew days earlier that the Hartford; bunchmedium ; berry quite large: color back, with a heary blue bloom. Its extreme hardiness and size will romber it a pophlar market sort.
Hoorws bammad. Origin New Vork. Said to be a cross between Concord and Iona, This handsone new white grape has met with general faror: its extreme early ripening alone would make it valuable, coming in two or three weeks ahead of Concord; the munch is medium size, slightly shouldered; color greenish white, with a yellow tinge when fully ripe: flesh juicy and almost without pulp; very few seeds.
Niamars. Nogrape has heen so strongiy presented for prolic fator as this, and for awhile it seemed as though it womld meritall the praise bestowed upon it. The vine is remarkably vigorous and productive : moch large, generally shouldered ; bery large, roundish: color gremish white, turning to light yellow; skin thin, but tough; flesh sligty pulpy, temer and sweet; has adecided toxy flavor before fully ripe, which it pretty well boses at matnrity. Kipens with Concotd.
Pocbingtob. A sceding of the Concond: vine very hady, healthy and productive; bunch laree, generally shouldered; berry light golden yellew when fully ripe; ; fulity Kood: ripens rather early. It is agood keeper and bears shipping well. It will probably fake its phece as u valuble standard grape, leme the largest and nost show white grape of it: type yot introhneerl.
IPrentins. A moderate grower; hunch medium size, compact; berry medium ; color yellowish green: flesh teluder, juicy, swect and pleasant, with a slight monsky aroma; ripens "ith or a little later than Concord.
IRoanobe Neverfail. This is a natle of this county. It is a dark blae, very late; stays on vine matil freming weather: a good table grape; fine for wine. For fifty years this Erape has never failed to make a large cropin the most protracted dronght or rotted a herry: in fact, has no enemies. Should be in every collection. Price, 50c.
 flesh tender, fery sweet and sprightly, with a rich, aromatic flawor; vine vigorous and prodnetive: ripens before Coneord. One of the best and most popmlar of Rogers Hybrids.
Worden. Said toloe asedling of the Concord, and is a slight improvement on that varicty : ripeus a few days earlier ; bunch targe and compact; berry large, black and of good !lualits: vine vigoronsand productive Will become very popular for the vineyard and garden.

## STRAWBERRIES.

FIRST of the Small Fruits in the month of May comes the beautiful, wholesome and appetizing Strawberry. The profits that may result from its cultivation, when properly conducted, are enough to satisfy the highest expectations. Plant in March, April, May, September, October or November, on good ground, deeply worked and well manured.

|  | DO\%. | 100. | 1.060. |
| :---: | :---: | :---: | :---: |
| Strawberries, | 『' | 50 | S3.00. |

Hnbach. (No. 5. P.) Large, productive, vigorous, as good as any kind grown.
Beder IVood (Rachter). This plant is faultless, and enormously productive. Fruit large, of fine form and color, moderately firm, and of good quality.
Great Pacific. A strong growing rariety from Illinois, producing both fruit and plants freely. Berries are of only moderate size, but are firm. handsome, and of fair quality.
Haverland. (P.) On good rich soil it is one of the best and is profitable by reason of its great productiveness and earliness. It is not sufflciently firm for distant shipment. Berries large, handsome and good. long in shape and of a bright, glossy crimson. It has been largely planted and has given much satisfaction for market. Early.
Lovert's Eirly. Is witbout doubt, the most promising of the early varieties. The plants are rank and rigorous growers, the fruit ripens early, is large and uniform in size. firm, of a high rich color, splendid in flaror It is perfect flowering, early variety, and a prolific bearer.
Lady Thompson. Is exceerlingly thrifty and vigorous. No other market varrety has ever created the stir that the Lady Thompson has.
Temmessee Prolific. An exceedingly vigorous and thrifty grower. The plant is perfectly healthy and reery productive everywhere. The berries are large and run very even in size, and there are piles of them around every plant. Being a most profuse bloomer and a strong staminate. They ripen just with the large pistillates, match them in size and can be picked and sold with them without lessening their value. This is a very important point in strawberry growing as experienced men are well aware. Tennessee being so rery productive, it is also a higbly profitable market berry to plant alone and a good table berry. Ripens medium early.
Van Deman. A rariety of great merit, and cne well tested all orer the country. very f"urly. superior quality, productive.
Warield. A fine berry as to shipping qualities. This is the great medium early berry of a wide regron of the country. It is a very symmetrical, well shaped berry. Very firm, It is of excellent flavor. and is a high-class berry. Vigorous and productire.


Tennessee Prolific.

Big-Root, Grow-Fast, Full-Bearing Trees.

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## CURRANTS.

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Big-Rout, Grow-Fast, Full-Bearing Troes.

## QUINCES.

THIS valuable fruit is too well known to require an introduction. It has long been considered "near the top" among fruits. The Quince succeeds best on a deep, moist, fertile, heavy clay-loam soil.

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Qrinces
30c Each.
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Champion. This rariety originated in Georgetown, Conn., said to be larger than the Orange. Fair : smooth, of fine quality, and late keeper.
Meech's Prolific. A new rariety recently introduced by Rev. W. W. Meech of Vineland, N.J. The late Chas. Downing says: "It is certainly a promising rariety, and if it prores as good in other localities and continues its present good qualities of fair fruit and good size, as the specimens sent out, it will be an acquisition to the quince family."
Orange or Apple. Large, roundish, with a short neck: color light rellow; tree rery productive. This is the most popular variety in the country; a great bearer. Lipens in October.

## RASPBERRIES.

## $\$ 1.50$ per 100. $\$ 8$ per 1.000 .

Cuthberr. (Queen of the Market.। Canes strong, upright. rery rigorouc, sometimes branching: foliage luxuriant: fruit large to rery large; red'; moderately firm, with high. sprightly flavor: rery productive. Its many valuable qualjties render it desirable for home or market culture. It succeeds well generally, and is almost the onlyl one that can be relied on ;in the cotton "States. We commend it to planters in all sections.
Greg. This is one of the largest, if not the largest, of? the black cap family; fruit large, black. with a slight bloom; flesh quite firm, moderately juicy, sweet
 and rich: the fruit ripens late and very evenly, making the picking season short; it is a very strong grower and good bearer. Very desirable.
Mansell. Fruit medium size, bright crimson, very firm and of good quality; ripens a week earlier than Brandywine; a moderate grower; productive.
Shaffer:s Colossal. Perhaps the largest raspberry, both in cane and fruit, yet produced; exceedingly productive ; fruit has purplish red color and rich flaror, yet somewhat acid; unrivalled for the table and canning, being a cross between the red and black cap.

## BLACKBERRY.

50c. each. $\$ 1.00$ per $\$ 100$. $\$ 80$ per 1,000 .
Wilson, Jr. A seedling of Wilson's Early, said to inherit all the good qualities of its parent besides being larger and earlier. Probably the best early blackberry yet introduced.

## CHERRIES.

THE Cherry tree everywhere requires a dry soil, and is naturally a hardy tree, succeeding in the lightest soil or dryestsituation. The Heart or Bigarreau varieties are of rapid growth, with large, glossy leaves, forming fine pyramidal-shaped heads, and producing large crops of luscious fruit; they are well adapted for planting in yards as shade trees.
(hervies..........30e Ench.
HBack 'Tartarian. Fruit of the larest size, frequently measuring un inch in dameter ; thesh dark, half tender, with a peculiar liver-liko conststency, rich, nearly estitute of acid, of line thavor.
Goverror Wool. Fruit large: skin light yellow, shaded with bright red; flesh nearly tender, juicy, sweet, rich and delicious; tree vigorons and productive. June.
Vapoleon Bienareats. Is one of the best of the flrm-fleshed cherries; it is of the largest size, often measuring orer an inch in diameter: well llarored, handsomo and productive: skin pale yellow.
sclumidf: Bidrarrear. Very large, deep black; flesh dark, tender, very juicy; fine flavor: productive. July.

## DUKE AND MORELLO CHERRIES.

Brlas Manuifigur, Large: color fine, rich red; Hesh juicy, tender, with a sprighty subacill llwor: tree moderately vigorous and productive.
 juicy, subacid. rich. July.
Early Richmond or Kíentishs. Medinm size; red: flesh melting, juicy, and at maturity of a rich acid lavor; very productive: fine for cooking. Commences to ripen last of May, and hangs long on the tree.
Late Dulse. Large: light red: Hesh pale amber, subacid: desirable as a late cherry; productive. Ripens gradually from the middle to the last of July.
May Dildr. Medium slze, dark red: melting, rich and juicy; an old and popular sort.Ripens in May.

## GOOSEBERRIES.

UNTIL quite recently no interest has been felt in the cultivation of this fruit, further than to grow a meager supply for home consumption, yet there are few crops that will yield as satisfactory returns; certainly none more certain with so little expense in cultivation.
lisc each. $\$ 1.50$ dozen.
Chauthuqua. The bush of the Chautauqua is a very vigorous, stout, stiff. upright grower having the usual compliment of thorns. It should not be planted closer than four by six feet apart. The illustration glves a fair idea of its productiveness. Its leaves are

Big-Root, Grow-Fast, Full-Bearing Trees.





Chantairgua.







## Cabbage, Tomato, Sweet Potato, and Celery Plants, \&c.. for Sale in Season.

Country Procluce taken in exchange for Trees.

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## Fruit Growing... ...ef fero

unORE than \$100,000 was real- WYo ized in this section during 1897 on the Apple and Peach crop. The past few years has witnessed wonderful developments in Fruit Growing.- Jave
Virginia. Apple "kings" are numerous. Men who, a few years ago, believing they could see a future for the Apple, planted large orchards. They now find themselves in receipt of handsome incomes yearly, far beyond their most sangune expectations.

Foremmes

The following sales have been made to our knowledge: Mr. Randall Ferguson, this county, 17 trees, $\$ 325$; Mr. J. Coles Terry, this county, $\$ 2,000$; Mr. J. W. Turner, this county, \$2,000; Mr. James Woodrum, this county, \# 4 ,000 : Rev. T. C. Deaton, Botetourt county, $\$ 5,000$ : Mr. B. F. Nininger, Botetourt county, $\$ 5.000$ : ${ }^{\text {' Mr. Miller, of }}$ Martinsburg, W. Va., \& \$20,000, and his father, $\$ 7.500$.

These are but a few who have inlested in Virginia's foremost industry - Fruit Growing. Get in line with the prosrossive people, and plant for profit.

