

## **Historic, Archive Document**

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1912 Catalog  
**Stark Bro's Nurseries & Orchards Company**

General Offices: Louisiana, Missouri, U. S. A.

BRANCH NURSERIES: North Girard, Pa., Dansville, N. Y., Fayetteville, Ark.,  
Rockport, Ill., Marionville, Mo., Huntsville, Ala., Rolla, Mo.**Stark Challenge Points:**RECEIVED  
★ JUL 14 1920 ★  
U. S. Department of Agriculture

We pay freight on everything as priced herein, to any R. R. Station in United States and to the U. S. line on shipments to foreign countries on orders of \$10 net or over—all cash before shipment.

We also pay freight on orders amounting to \$10 net or more where one-fourth or more cash is remitted with order, balance to be paid on arrival.

We Box and Pack Free—bear cost of boxes, bales, moss, fiber, etc. Expensive, but good packing pays—pays customer, pays us.

Paper line all boxes at all seasons—another costly item, but it is a safeguard against both drying out and freezing.

Guarantee Safe Arrival—orders lost or spoiled in transit we refill free.

Give buyer his choice of sorts. If requested, we make selections, using our best mind and experience in his interest.

Give 30 trees of one variety at the 100 rate; 300 of a kind (as 300 Apple or 300 Plum, etc., not less than 10 of a variety) at the 1000 rate; over 10 and less than 30 at 10 rate. Less than 10 always at Each rate. Where no 1000 rate is quoted, the 100 rate governs.

EXAMPLE: In an order for 320 Apple—100 Black Ben XXX, 2-yr., 80 Delicious, 3 to 5 ft., 1-yr., 120 Delicious XXX, 2-yr., and 20 assorted (1, 2, 4, 7, etc., of a sort), latter 20 will go at Each rate, the 300 at 1000 rate.

Different kinds, as 150 Apple and 150 Plum, cannot be taken together to make up 300 so as to obtain 1000 rate.

Guarantee trees true to label, and use utmost care to avoid mistakes, but should any prove untrue to label we will,

upon proper proof, replace the trees free; but are liable no further. Our just and liberal dealing since 1817 is our chief guaranty to customers.

We attach Entomologist's certificates to all shipments.

Guarantee trees of highest quality—you can't get better anywhere at any price. Stark trees are grown to last and bear the best fruits known. Young, healthy, thrifty 1- or 2-yr. stock, even if a small size, is very different from small, old, rough, stunted trees culled from 4- and 5-yr. blocks. Guarantees are worth something—backed by a record of nearly 100 successful years in business.

Give wholesale prices and ship direct. Lowest priced nurseries in United States, quality considered; founded 1817, now the largest on earth. Stark quality trees of Stark varieties, have been sent world-wide since 1817.

SPECIAL—We give special prices for large quantity orders, buyer paying freight. Write for estimate.

We uniformly tie Trees in bundles of 10; Grape Vines and Small Fruits in bundles of 25; and as unbroken bundles are handled at less expense we can thereby offer these unusual concessions.

Three sizes of 2-yr. fruit trees are graded in our packing houses. XXX is the size sure to please. XX size excels "1st-class" of some nurseries. Each size is first-class of that size; no second class, defective or cull trees go into any size, but to the brush pile.

Our 1-yr. trees are graded into two sizes—3 to 5 ft. and 2 to 3 ft. Each size full and strong; our 2 to 3 ft. size equals the largest 1-yr. size of many nurseries.

**Special Service Department**

For more complete or detailed information on subjects relating to fruit culture, selection of varieties for given localities, etc., and which naturally cannot be fully covered in a book even as extensive as the Year Book, we refer the reader to our Special Service Department, which is in charge of our trained and experienced corps of horticultural experts and specialists. The service of this department is open to everyone without charge of any character.

In addition to the rendering of the above service, the Special Service Department has prepared and published a series of booklets on various subjects of moment interest to orchardists. Among them is Orchard Cover Crops by a recognized authority on this subject. This book is the

reproduction of a paper read by Mr. Stark when he was President of the Missouri State Board of Horticulture.

The Stark Orchard Planting Book is another book just off the press. Send for this new book—it will be of real help to every tree-planter. In simple language, it deals with the planting and care of trees from the day they are received from the nursery. The subject matter is the boiled-down experience of practical fruit growers and scientific men from all parts of the country and is written so that the most inexperienced can understand it. There has been a long-felt want for such a book.

These books are yours free for the asking—they are here waiting for you to ask for them.

**25% Discount to Mail Order Buyers**

will be allowed from the prices quoted in this list, for prompt and direct orders—all cash before shipment.

This price list together with the discount is our personal mail order salesman in your territory, and which opens the way for every tree planter to secure Stark sterling quality trees at the lowest possible price.

Bear in mind that in addition to this 25% discount we box free and prepay freight. Also keep before you the fact that we guarantee safe arrival and give liberal premiums. (See premium offer on page 40.)

# Stark Bro's Nurseries & Orchards Company

Stark Bro's Nurseries & Orchards Co. was founded in 1825. Growing trees scientifically, producing each year the best trees that old mother earth, aided by modern scientific methods can grow, has been our *one* business. The eighty-six years since 1825 have seen a healthy and gradual increase in our business until we are to-day operating the largest and most complete nursery establishment in the world, and which is conducted by the third and fourth generations of the family who established it. Our propagators are permanent—sons and grandsons have been educated in and for the business, a matter of great importance to planters when it is known that the average man entering the nursery business has merely "picked up" his profession, has but a superficial knowledge of it, and more often than not operates at the expense of his customers.

Our eighty-six years of experience has taught us that all kinds of nursery stock cannot be grown at any one place or in one locality. Different kinds or classes of trees require different soils and climatic conditions to grow them to the height of

## How Stark trees are grown

their perfection, and since we produce all the stock we sell, we have eleven well-established branch nurseries in eight states, growing at each nursery only those kinds of trees as will develop most perfectly in that particular soil and climate. Does it not seem reasonable that such a policy in the growing end of our business is calculated to produce better trees of all kinds than if we tried to grow all kinds at one place? Let us answer this question for you—it *does make a difference*, a vast difference. It costs us many thousands of dollars per year to maintain our branch nurseries—money we could save and add to our profits if we grew all stock at one place. That's how important we think this growing question is. And all this money is spent for your benefit—that you may get the best trees grown.

"Grow the best trees that can be grown, sell them at a fair price and satisfy every customer." that's the *one* Stark policy—the foundation on which our success has been built. Good trees, trees that live and grow and bear good fruit, sold at

## The Stark Policy

an honest price have made us friends and customers by the tens of thousands. Cheap trees would have killed our business years ago. Remember that the first cost of a tree is nothing as compared to the time, labor and money that must be spent on it from the day it is planted until it reaches the age of profitable bearing.

The Stark propagating system has been perfected only after years of painstaking study and effort, but we are rewarded with the knowledge that our stock, grades and methods are absolutely dependable. Special attention is given to propagating from proven strains of bearing trees—a method vastly more expensive than cutting from indiscriminate trees, but there is no question but that the trees so propagated are unquestionably more valuable, besides totally eliminating all chance of their being untrue to name.

## The Stark propagating system

The most profitable orchards—those that live longest and therefore produce the most profit—are the orchards planted with whole-root trees. Stark trees are propagated *only* from whole-root stocks, made from the finest French and American

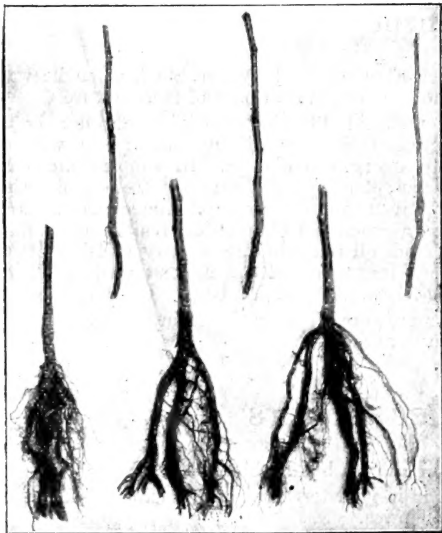
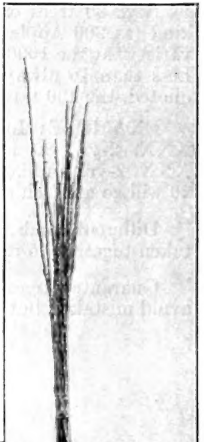
## Whole-root trees

grown seedlings and are the only kind the thinking orchardist can afford to plant. The comparative merit of trees grown on whole-roots as against those on piece-roots has been demonstrated often with the same result—the judgment of orchardists and horticulturists everywhere is always in favor of the whole-root trees. Had we space, we could reprint in these pages more than enough opinions of expert horticulturists and scientific men in all parts of the country to convince the most sceptical that the only safe tree to plant is the tree propagated on a whole stock.

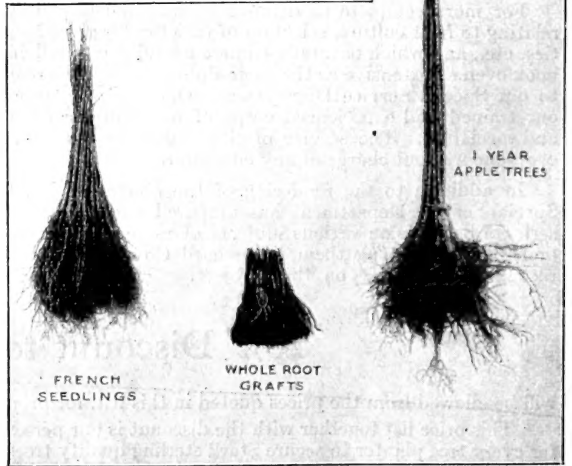
Prof. Wm. B. Alwood, Virginia's great scientist and the father of the agricultural colleges, recently made inquiry as to how it was possible for us to produce such a magnificent and incomparable root-system as we secure in our apple nurseries located in the Ozark Mountain regions. The answer is simple: working our trees on whole stocks, together with the perfect soil and climatic conditions of that region for apple-tree growing are the reasons for the Stark whole-root system, famous in every apple-growing section of the country. The success of Stark apple trees is most marked everywhere. In the irrigated regions of the west and southwest, experienced orchardists have learned that we can produce for them in our home apple nurseries, a better tree than we can grow for them at our branch nurseries located in the irrigated regions.

No matter where you buy your trees buy whole-root trees. But the safe way is to buy Stark trees. Remember that our reputation for having dealt with tree-planters in every corner of the globe for

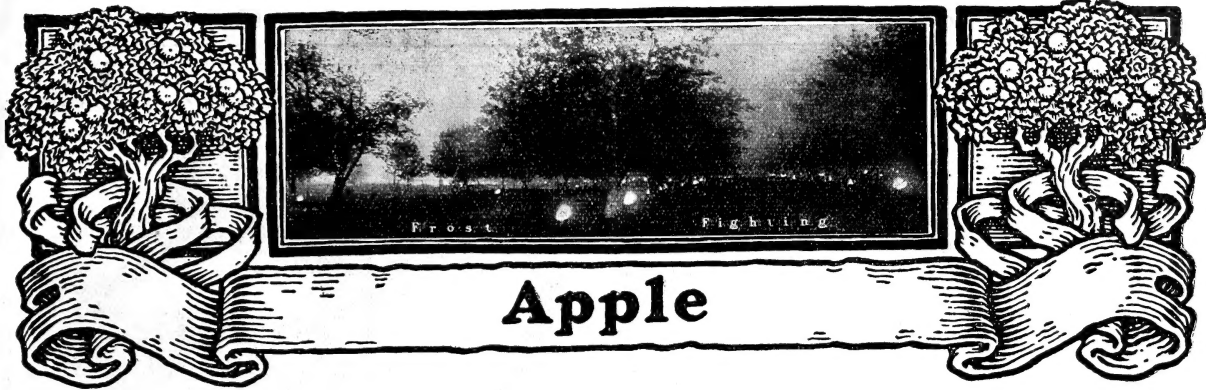
more than three-quarters of a century with rigid honesty and fair dealing, stands back of every tree leaving our establishment. That reputation is our biggest asset. It has been responsible for our success in the past—it means everything to our success, now and in the future. Don't you feel that such a reputation is the safest guarantee? Do you feel that you need look further for the house from whom you will purchase your trees?



Whole-root grafts (lower row) and piece-root grafts (upper row)



Strong, healthy French seedlings, properly made whole-root grafts, and trees they produce grown in the Stark way



# Apple

**T**HROUGHOUT this book varieties are arranged as nearly as possible according to season of ripening—earliest ripening sorts at the head of the list. For example: Stark Star, Henry Clay, Liveland Raspberry are the earliest ripening apples. Champion and Lansingburg, the latest keepers, are last. Varieties most valuable for family use or for profit are starred, thus (\*).

Following the description of each variety are capital letters which indicate the region for which it is recommended. N stands for north; NN, far north; NNN, extreme far north; C, central; and S, south. Thus a variety followed by NCS may be planted either north, central, or south. CS indicates a variety adapted only to central or southern planting; NNC, central to far north; NNCS, south to far north; S, south only.

\***Stark Star.** The finest early yellow apple; resembles Maiden Blush in form, size, and color; quality—best of all early apples. Slow grower, but great bearer. NCS.

\***Henry Clay.** A large extra early yellow apple; larger, better, more beautiful, and nearly two months earlier than Maiden Blush. Fine grower; no blight. Can be bought only of us. NCS. Shown in color on inside back cover.

Best extra early apple.—FRANK FEMMONS, Madera Co., Cal. Resembles Maiden Blush—nearly sixty days earlier, better; has not failed a crop since coming into bearing.—W. H. KNIGHT, Originator, Hopkins Co., Ky.

\***Liveland Raspberry (Lowland Raspberry).** Absolutely the most valuable early apple; succeeds everywhere. Clear waxen white, striped and marbled crimson. Splendid beauty and fine quality combined with earliness and fine size, make it the most popular early summer variety. Tree extremely hardy; healthy, vigorous, long-lived; blooms late and is blight-resistant. Bears very young, making it an ideal filler. No apple of its season is one-half so valuable. Excels Transparent; better tree, longer lived, and in all regions should be planted commercially, packed in baskets and shipped by the carload. We are growing a quarter million this season and the supply will not equal the phenomenal demand. Our demonstration orchards prove that early apples are great money-makers. NNNCS. Shown in color on inside back cover.

Liveland should be pushed more than it has been; should take the place of Yellow Transparent, as it is one of the most beautiful colored fruits ever placed on the market; quality superior to Yellow Transparent. Of much better quality than Red Astrachan, and a better commercial variety.—G. B. BRACKETT, U. S. Pomologist.

Liveland and Early Transparent in adjoining rows: Liveland larger, bright carmine—best early apple.—JNO. FRASER, Madison Co., Ala.

Tree dwarfish, heavy bearer, and hardy in bud and bloom; never twigs blights; splendid cooker.—W. A. ELDER, Phillips Co., Ark.

Fine quality to eat out of hand.—W. T. MASSEY, Kent Co., Del.

Does well here.—N. C. THOMPSON, Kootenai Co., Idaho.

A leader; doing fine with me.—JOS. GERARDI, Jersey Co., Ill.

Best early apple I know. Tree doesn't blight; always perfectly ripened to withstand severe winters; fine symmetrical grower, heavy, thick leaf.—F. O. HARRINGTON, Iowa Co., Iowa.

Liveland bought of you have been bearing three years; large, fine flavor—very best summer apple grown. Healthiest, most vigorous grower I ever saw. I never tire talking this wonderful apple.—F. B. ELMER, Jefferson Co., Mont.

Yellow Transparent fails to deliver the goods; Liveland loaded with fruit of fine quality.—JOHN COTTLE, Washington Co., Ohio.

Extra fine in every way.—MRS. L. STILWELL, Union Co., Ore.

Have fruited Liveland; will be a valuable apple.—R. B. ALMY, Newport Co., R. I.

Tree perfect, good bearer; fruit handsome. No early apple east or west is better.—S. D. Experiment Station.

Last to bloom in my ninety-acre orchard. Undoubtedly the best early apple known.—C. TUCKER, Haywood Co., Tenn.

Not a blighter and hardy as Duchess.—A. CLARK, Sauk Co., Wis.

Best selling apple in the orchard; twenty-five year trees in fine condition, most beautiful ever grown.—JOHN ROONEY, Sauk Co., Wis.

**Early Harvest.** An old favorite; unprofitable because of scab. Not so good as Liveland Raspberry, Henry Clay, Yellow Transparent or Stark Star. CS.

\***Yellow Transparent.** A well-liked, widely-known transparent-yellow Russian sort; fragrant, good quality. Dwarfish tree—splendid filler. A wonderfully fine early apple, but we prefer Liveland Raspberry. NNCS.

I consider Liveland Raspberry far superior to Yellow Transparent as a commercial variety.—G. B. BRACKETT, U. S. Pomologist.

A valuable apple for this country and climate, surpasses Red Astrachan.—W. C. FINK, San Diego Co., Cal.

Fine here, especially on rich, heavy, moist land.—C. S. SCOTT, Monroe Co., W. Va.

**Early Strawberry (Red June Eating).** Grown by us since 1817; though but medium in size, is beautiful, deep red, tender, almost melting. Tree, erect; good bearer. NCS.

**Red Astrachan.** Medium-size Russian; yellow, over-spread with light and dark red. Tardy, shy bearer, but largely planted. Liveland Raspberry better. NCS.

Will always find a place in my orchard. Their juicy tartness makes them especially desirable.—GEORGE A. MANNING, Nez Perce Co., Idaho.

Could sell many more every year—can't be excelled for jelly or for eating.—I. F. DAVIS, Flathead Co., Mont.

\***Sweet Bough (Early Sweetheart).** Large, pale yellow; popular, high quality; best early sweet apple. Ripens through a long season. NCS

\***Early Ripe.** Similar to Early Harvest, but stronger tree, more free from scab; bears young. CS.

**Red June (Carolina Red June).** Brilliant flashing red; juicy, good. Wilson Red June an improvement and the best of all the Red June family. CS.

\***Early Colton.** Fine size, fair quality; not so valuable as Henry Clay or Stark Star. NCS.

\***Stark Summer Queen.** Seedling of Early Pennock, but earlier, better quality; a most valuable sort. Large, red striped, good flavor. NCS.

\***Williams Favorite.** Beautiful dark red, pleasing flavor. Requires a strong, rich soil. Wilson Red June superior. NCS.

\***Benoni.** Attractive, good quality—striped and splashed red; not so valuable commercially as Wilson Red June. Dwarf grower, can be planted very close; good filler. NNCS.

\***Fanny.** Attractive bright red, pleasing quality. Ripens through a long season. NCS.

In southern Illinois no apple is in it with Fanny.—G. W. ENDICOTT, Pulaski Co., Ill.

Large, rich crimson, as good as it is beautiful.—ORCHARD AND FRUIT GARDEN.

\***Charlamof.** Duchess type; large, striped red, good quality—a desirable filler. Prof. Erwin of Iowa Agricultural College says it is better and harder than Duchess. NNNCS.

\***Wilson Red June.** Better than Maiden Blush or any Red June. Kansas City markets have paid \$16 per barrel for

# Stark Bro's Nurseries & Orchards Company

them. Tree, exceedingly young bearer, vigorous, hardy. Large, deep red; as wondrously beautiful as Black Ben. An ideal filler; best apple of its season. NCS. Shown in color on inside back cover.

**Patten Greening.** Extreme hardiness makes it valuable, and it is being largely planted in Minnesota, North Dakota, etc. Originated with C. G. Patten of Iowa. Productive, uniformly large and attractive. NNNC.

**\*Duchess (Oldenburg).** A well-known Russian; streaked and shaded red. A favorite because of rich acidity and splendid cooking qualities. An extra good shipper for an early apple. A natural dwarf and can be planted profitably as a filler. Best commercial apple of its season. No orchard should be without the Duchess group. NNNCS.

Probably the most popular early apple; bears young, good size, thrifty and hardy. The best Russian.—Michigan Experiment Station.

Duchess is our early money-maker.—G. A. FESSENDEN, Flathead Co., Mont.

**\*Summer Champion.** Resembles a brilliant colored Ben Davis; good quality; hardy, heat and drouth-resistant. NCS.

Good bearer, large, handsome, excellent quality; one of the most promising of its season.—E. A. RIEHL, Illinois Experiment Station.

**\*Old Wife Pippin.** The best late August apple; a favorite in the home orchards of Judge Stark, the founder of these Nurseries. NCS.

**Yellow Horse.** Yellow, tinged red; good cooking and drying apple. NCS.

**\*Jefferis (Illinois Imperial).** Medium size, splashed red; quality, best. Tree hardy, healthy, long-lived; one of the most valuable. NCS.

Not large, but beautifully colored. No tree better shaped or a better bearer.—H. E. VAN DEMAN, Ex-U. S. Pomologist.

Few, if any, superiors—beautiful and excellent.—Michigan Exp. Station. Among the best seventeen out of twelve hundred sorts tested.—PROF. T. BURRILL, Illinois Experiment Station.

**Primate.** Light green becoming light yellow, slight blush; juicy, mild; long ripening season. NCS.

**\*Fall Winesap (Moore's Choice).** Fine fleshed, tender, juicy; good quality, a splendid cooker. More beautiful than Maiden Blush; long ripening season. NCS.

One of the choicest fall apples.—G. B. BRACKETT, U. S. Pomologist.

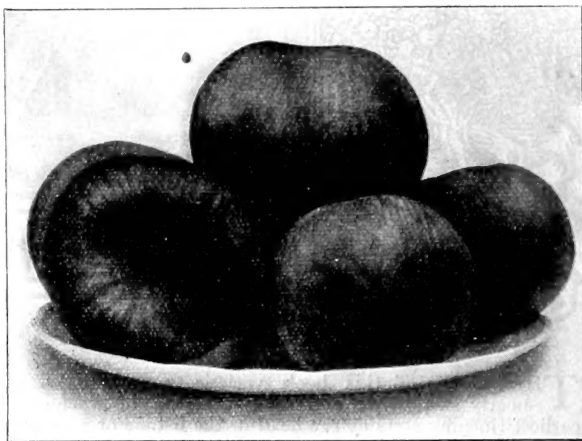
**\*McMahon White.** Almost white, with delicate pink blush. Good quality, good cooker; young bearer. NNCS.

Bore a good crop; large, acid, fine for cooking; recommended for planting.—Illinois Experiment Station. Very handsome, quality best.—Michigan Experiment Station.

**Maiden Blush.** An old favorite of fair quality, but better sorts have taken its place; pale yellow, bright blush. Wealthy and Jefferis better. CS.

**Lowell.** Rich yellow, good quality; valuable because of its beauty and productiveness. NCS.

**\*American Summer Pearmain.** Greenish yellow striped purplish red; fine flavor. A good late summer apple; long ripening season. NCS.



Gravenstein—a wonderfully fine apple

**\*Gravenstein.** Streaked and splashed deep red; large, handsome, excellent quality. Especially profitable in the apple-growing sections on the Pacific Coast. The Gravenstein group, the very best of their season, should be grown commercially and shipped by the carload. So well do we think of it that we this season propagated 100,000. NCS.

**\*Banks Red Gravenstein.** Origin, Nova Scotia, where it is grown commercially for export. Beautiful, highly colored, attractive as McIntosh Red. A decided improvement on old Gravenstein, yet possessing all its noble qualities. Because of early coloring may be marketed ten days earlier. Appreciating the value of Gravenstein, we are rapidly increasing propagation and advise orchardists everywhere to grow more for all markets. NCS.

Almost solid red and exceedingly attractive. In other respects it is like the old variety.—PROF. H. E. VAN DEMAN.

No improvement on Gravenstein, except in form and color, but its color makes it more taking in the markets.—R. W. STARR, Kings Co., N. S.

**\*Red Gravenstein (Stark Strain).** From Washington, where it is one of the most profitable strains of the old Gravenstein. (Distinct from another Red Gravenstein from Clarkston.) Its beautiful color makes it as much more attractive than old Gravenstein as Black Ben is more attractive than old Ben Davis. Red Gravenstein and Banks Red Gravenstein have attracted attention of pomologists at leading shows. We propagate from a select Washington strain; also from Agassiz, B. C., pronounced the best of all Gravensteins. NCS.

**\*Early Melon.** Large red with crimson stripes. A splendid cooking apple and one of the best for dessert. Tree hardy, productive, healthy. We unhesitatingly recommend it commercially along with Wealthy. NNCS. Shown in color on inside back cover.

Most remarkable apple in my experimental orchard; fruited nine years, in two of these years no others bore. Tart, yet not so sharp as Astrachan or Duchess—makes the richest apple pie and dumplings. Fruit large, not easily blown off, nor does it drop in dry weather. Productive, free from scab or fungus.—A. H. GRIESA, Douglas Co., Kan.

I have thirty-three varieties; Early Melon beats them all.—JOHN M. FRANCIS, Adams Co., Ill.

Especially pleased with Early Melon.—PROF. L. H. BAILEY, College of Agriculture, Cornell University.

The introducer of such an apple is a public benefactor.—S. D. WILLARD, Ontario Co., N. Y.

**Alexander.** A Russian with many faults, few virtues. Large, poor quality, blights. Wealthy and Early Melon better. NNC.

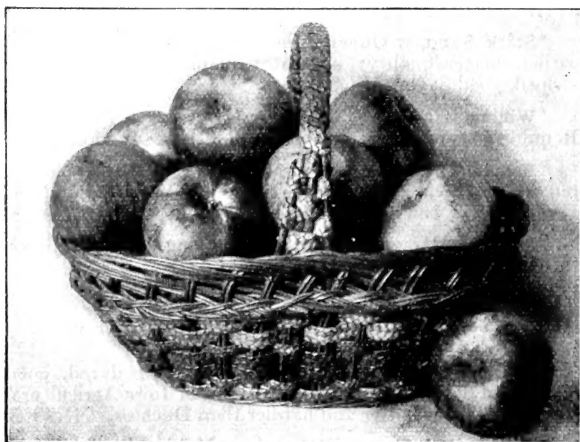
**Bismarck.** Light yellow washed with crimson; poor quality; poor tree, blights. Dwarf grower, extremely young bearer; valuable only as a novelty. NCS.

**Rambo.** Old, well-known, good quality; greenish yellow, mottled red. Senator, Buckingham Queen, and Magnet far superior. CS.

**\*Imperial Rambo.** An improved Rambo. Large, rather flat; claimed as best of this family. NCS.

Imperial is best of all Rambos.—C. S. SCOTT, Monroe Co., W. Va.

**Peerless.** Origin Minnesota; green, slightly striped dull red; good quality. Does best on dry soils. NNN.



Jefferis—an old-time favorite and best for its season



Delicious—showing tree in Geo. De Groodte's orchard near Louisiana, Mo.

**\*Wealthy.** Large, smooth, brilliant red; splendid quality, good keeper; valuable; for those who prefer a rich, sub-acid apple it is the equal of Jonathan. We recommend it as the best of its season; for all culinary purposes it is perfection. Because of its hardness it is especially valuable for cold regions. In Montana it is one of the most profitable. In Michigan it is being planted by the thousands, along with Stark Delicious, Black Ben, McIntosh and other hardy commercial varieties. Its planting should be increased ten-fold; a splendid cold-storage sort. We grow one-third of a million yearly, and they are always scarce. NNCS. Shown in color on inside back cover.

Especially good for old people with poor teeth—it melts in the mouth.—S. S. WARD, Napa Co., Cal.

Large size, handsome, salable. Tree of slow growth, free from disease, productive.—GEORGE A. MANNING, Nez Perce Co., Idaho.

My youngest bearer—seventeen big apples seventeen months after planting a year-old tree.—FRED FREEMAN, Kankakee Co., Ill.

A full crop when other varieties side by side had only half a crop—C. W. WHITE, Linn Co., Kan.

More nearly immune from injury from apple scab than any other variety.—JAMES M. IRVINE, Editor FRUIT GROWER, St. Joseph, Mo.

Best money-maker in this country.—L. L. SERIGHT, Carbon Co., Mont. One of our best.—R. A. ROLLINS, Flathead Co., Mont.

In the past three years, Wealthy have produced \$3 for every \$1 that McIntosh trees of equal age have produced in this valley. This is a low estimate.—GEORGE A. FESSENDEN, Flathead Co., Mont.

Bears heavily every year.—JOHN COTTELE, Washington Co., Ohio.

**Fall Pippin.** Large, rich yellow; tender, excellent. A good, well-known fall apple. NCS.

**Hibernal.** A hardy Russian sort. Prof. Hansen of South Dakota says: "This variety represents what is probably the hardiest type of the Russian race of apples." NNCC.

**Fall Cheese.** Large, beautiful, red striped; good quality. In Virginia, where it originated, it is very popular. NCS.

One of the most profitable late fall or early winter sorts.—M. L. McCUE & SON, Albemarle Co., Va.

A most excellent apple and does fine here.—B. E. WATSON, Augusta Co., Va.

**Cox Orange.** Yellow, slightly shaded and mottled crimson. A fine dessert apple. Popular in British Columbia. NC.

**Pennsylvania Red Streak (Wine).** Large, attractive, red; rich, pleasant flavor; sells well. NCS.

**\*Hubbardston Nonsuch.** Large, pale red, fine quality. One of the best. NCS.

**\*Ohio Nonpareil.** Bright red, striped with carmine. A good apple for either home use or market. Deserves more attention. NCS.

**Buckingham (Fall Queen).** Striped purplish red, very large, excellent quality. Has proven a young and sure bearer with us for many years; valued both for market and home use. Often confused with Haas—a far inferior sort. NCS.

**Wolf River.** The giant show apple; of immense size and beauty; very hardy, but quality poor. NNCS.

**Longfield.** A Russian sort of good quality; clear waxen white, slightly blushed. Commercially planted in Maine, far north and east. NNCC.

**Northwestern Greening.** Very large greenish yellow; tree hardy, not a young bearer, but a dependable cropper. NN.

**Fameuse (Snow).** Deep red striped on whitish ground; a beautiful apple. Fine quality. Very hardy; not valued south. Of the Fameuse group, McIntosh, Eastman, Scarlet Pippin, Wismer Dessert are best. NNC.

**\*McIntosh Red.** Medium size, bright, deep red; tender, high flavor, delicious white flesh. Tree long-lived, productive, but succeeds only in favored localities. The Bitter Root and other Montana valleys grow it in its highest perfection. Also grown in Colorado, Michigan, New York, the east and the Virginias. There are several inferior strains; so, to be absolutely certain, our McIntosh are propagated only from scions from selected Bitter Root orchards. NNCS.

Too tender to stand long-distance transportation. Adapted to New England, Canada and northern New York. Also being grown extensively in Oregon, Montana and Washington; but other varieties are more suited to that locality.—G. B. BRACKETT, U. S. Pomologist.

McIntosh will be overplanted; it doesn't keep long enough.—L. L. SERIGHT, Carbon Co., Mont.

I doubt if there is an apple grown which surpasses a perfect Montana-grown McIntosh in color or flavor; unfortunately it is proving a shy bearer.—J. C. WOOD, Flathead Co., Mont.

About the best, except Rome Beauty.—W. S. JELLEFF, Flathead Co., Mont.

The one called-for variety here, but the scab is fatal to it.—M. L. DEAN, Missoula Co., Mont.

As its keeping qualities are limited, would not advise its heavy planting.—G. W. RHODES, Missoula Co., Mont.

Our favorite in western Montana.—J. J. BOND, Ravalli Co., Mont. Fear it will be overplanted here.—E. A. JOHNSON, Ravalli Co., Mont.

We can't grow one-twentieth enough for the home market. The only fault is it doesn't keep long enough.—JOHN MILLER, Ravalli Co., Mont.

I honestly believe this country will be overdone on McIntosh.—W. P. MACE, Ravalli Co., Mont.

Grows larger and better here than in the Bitter Root Valley, but is a poor keeper.—O. M. BROOKS, Chelan Co., Wash.

But few know the good qualities of McIntosh; makes a fine tree and bears every year.—F. DANDO, Chelan Co., Wash.

Am sending two apples; am anxious to know what they are, as it is one of the finest fall apples I ever saw.—J. B. RANNELLS, Hampshire Co., W. Va. (NOTE—They were McIntosh Red, fully equal in color and quality to Montana-grown.—STARK BRO'S.)

**\*Eastman.** A production of C. G. Patten, of Iowa, the well-known experimenter, who has devoted many years to the production of apples that will stand the rigors of northern winters. This and Patten Greening are considered the best varieties his genius and untiring efforts have given to the world. In flavor Eastman resembles Fameuse, though a little more acid; splendid quality; tree a young and very heavy bearer. NNCC.

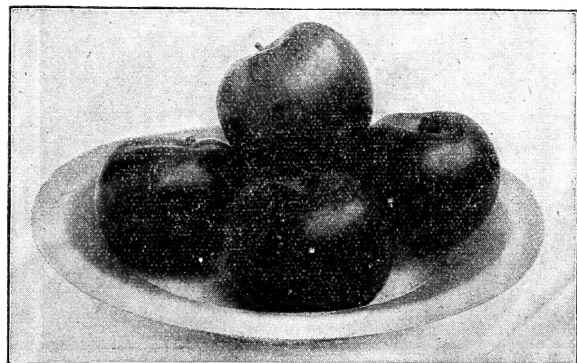
**\*Wismer Dessert.** Resembles McIntosh; high quality, good keeper. Some Montana growers report it a better keeper and shipper than McIntosh. NNCS.

Think well of Wismer, but they are slow to come into bearing; not affected by scab.—E. J. CRAMER, Flathead Co., Mont.

Tree harder than McIntosh and far less subject to pests. As a keeper it has few equals.—MRS. ROBT. B. SMITH, Flathead Co., Mont.

**\*Scarlet Pippin.** Of the Fameuse type, closely resembling McIntosh, but firmer flesh, more acid. Prof. Craig, the Cornell authority, says it is more desirable than Fameuse because much more resistant to scab. Throughout the north is planted largely; also succeeds south. NNCS.

One of our most profitable apples.—HAROLD JAMES, Ontario, Canada. Keeps better than Fameuse or McIntosh.—W. T. MACAM, Division of Horticulture, Canada.



Wagener—noted for early and abundant bearing

# Stark Bro's Nurseries & Orchards Company

\***Talman Sweet.** Yellow, delicate pink blush; good for cooking and preserving. A splendid winter sweet apple. NNCS.

**King Tompkins Co.** Large, beautiful, excellent quality; tree neither hardy, healthy nor long-lived. Not productive enough for commercial purposes, and is planted less and less each year because there are better sorts. NCS.

**New Zealand Northern Spy.** An improved aphid-resistant strain of Northern Spy from New Zealand. Especially valuable as a stock for double working other sorts. NNCS.

**Rhode Island Greening.** Greenish-yellow; valuable east, where it is largely planted; fall apple west. NC.

\***Bonum.** Handsome crimson, dark red striped; an excellent dessert apple, and should be planted more largely. Virginia's authority, Mr. Hood, says Bonum and Lowry should go into every collection. NCS.

\***Mother.** Clear rich red, marbled with deeper red. Splendid quality, hardy, late bloomer, dependable bearer. An old sort that is again becoming popular. NCS.

\***Baldwin.** Large, bright red, popular throughout New England and profitable there. However, the more progressive orchardists in these regions are planting fewer Baldwin and more Delicious, Black Ben, etc. NC.

Do you know that in New York there is far more money raising Black Ben than Baldwin? The day is coming when York state growers will know it.—Tnos. F. RICE, Horticulturist, Iowa.

**Northern Spy.** Large, bright pinkish red, splashed carmine, rich, juicy, refreshing. Tree rugged and hardy, but so tardy coming into bearing that it is not planted largely. Requires good soil. NC.

**Belmont.** Transparent, waxen yellow with bright blush. Requires careful handling like Banana. The venerable Franklin Newhall, Chicago's apple expert and connoisseur, pronounces Belmont his ideal apple. NC.

\***Bellflower Improved (Mason's Orange).** Resembles Yellow Bellflower of which it is doubtless a seedling, but larger, better color, better quality. Wm. Cutter, a pioneer orchardist of Mesa Co., Col., says: "It will outbear Bellflower two to one—Calif. Bellflower would go begging by its side." NCS.

**Ortley (White Bellflower).** Pale yellow; pleasant dessert quality—very little acid. Planted largely at Hood River and in the Bellflower regions of the far west. One of the best pollenizers. NCS.

**Yellow Bellflower.** Large, yellow, slightly blushed; best on rather thin or sandy soil. Not profitable east of the Rockies. NCS.

\***Banana.** Large, clear, pale yellow, delicate pink blush; splendid quality with a suggestive banana flavor and delightful aroma. Skin thin, flesh tender, easily bruised. Requires careful handling; should be packed in trays or fancy baskets. Succeeds over a large territory. NC.

We prefer Grimes Golden here.—THEODORE POLLING, Delta Co., Col. Kootenai Co., Idaho.

A fine apple, but does not keep late in spring.—N. C. THOMPSON.

A good apple in this climate.—JOHN MILLER, Ravalli Co., Mont.

I think it the finest flavored apple grown; has Grimes Golden beaten a mile.—D. H. WYANT, Indiana Co., Pa.

One of the most beautiful apples grown, but I cannot think it will ever become a standard commercial sort.—O. M. BROOKS, Chelan Co., Wash.

**Haas (Fall Queen).** Bright red, medium size, fair quality. Tree hardy, rugged, young bearer. A splendid stock for double working far north. NNCS.

\***Wagener.** Somewhat resembles Northern Spy. A handsome red apple of good quality. Planted largely in the west, north of the Jonathan-Winesap regions, and in Michigan where it is one of the most popular varieties. Tree dwarf grower; can be planted very closely. One of the best fillers. Using Wagener in this way in your commercial orchards will bring quick returns—and sure—for Wagener is always in demand. NNCS.

Fruit from five-year Wagener trees sold for \$3 per box this season at the packing houses.—GEORGE L. POWELL, Columbia Co., N. Y.

Wagener is attractive and folks come again for it.—S. FRASER, Livingston Co., N. Y.

\***Boiken.** An old variety, hardy in bud; valuable in all apple regions. Attractive bright yellow, beautifully blushed, good quality, good keeper. NCS.

Foliage remarkably healthy; fruit fairly resistant to scab. One of the most valuable of recent introductions.—PROF. S. A. BEACH, Iowa Exp. Station.

Productiveness, firmness and good keeping qualities make it good for market purposes.—Michigan Experiment Station.

Years ago I imported Boiken from Austria, and while it will not hang to the tree quite so well as Rome Beauty, it is a longer keeper, a better handler, but not so desirable to eat.—S. D. WILLARD, Fruit Grower, Ontario Co., N. Y.

\***Magnet (Dr. Stayman).** Rich, glorious, beautiful; dark crimson on yellow ground, indistinctly striped with deep purple; excellent quality. Promising in all regions where its parent (Winesap) succeeds. Dr. Stayman, the originator, wrote us in 1897: "No apple of its season will sell as well—not even Jonathan, for Jonathan is not as fine in quality, nor as fine looking." NCS.

In quality and rich color it will stand comparison with Jonathan, Spitzenburg, etc.—BENJ. BUCKMAN (Ill.) in the FRUIT GROWER.

Do not think it has a competitor in its season as a fancy market apple.—E. J. HOLMAN, Leavenworth Co., Kan.

\***Jonathan.** Beautiful, brilliant, dark red, excellent quality; tender, spicy, rich and juicy. Those who prefer a rich, acid apple hail Jonathan as the best of all. It is an A-1 family sort and always profitable when planted commercially. Tree a young bearer, long-lived and productive, but should be planted with other varieties for cross-pollination. In the west Jonathan is one of the most profitable sorts and is largely planted as a filler in orchards of Newtown Pippin, Spitzenburg, etc. In central western apple states, planters have discarded Ben Davis and are planting Jonathan along with Delicious, Grimes Golden and other high quality sorts—the kind the markets want. We annually propagate from 500,000 to 1,000,000 Jonathan, and they are always scarce; demand is increasing with each year. NCS.

One of the very best early winter, home or market; juicy to the last.—PROF. H. E. VAN DEMAN, Ex-U. S. Pomologist.

Jonathan is O. K. anywhere in the West.—W. S. COBURN, Delta Co., Col.

Jonathan is here in Colorado to stay.—WILLIAM CUTTER, SR., Mesa Co., Col.

No danger of over-production of Jonathan.—N. C. THOMPSON, Kootenai Co., Idaho.

The best apple so far as flavor is concerned; and when highly colored, will outsell anything we raise.—H. A. SIMONS, Fremont Co., Iowa.

It will be a long while before the Jonathan will be supplanted in sections where it does well.—JAMES M. IRVINE, Editor FRUIT GROWER, St. Joseph, Mo.

Jonathan is a money-maker with me.—R. A. ROLLINS, Flathead Co., Mont.

More widely planted in the Wenatchee Valley than any other sort except Winesap. Their high color and excellent quality make them a favorite.—O. M. BROOKS, Chelan Co., Wash.

\***Stark King David (Trade-Mark).** One of the most beautiful of all apples; resembles Jonathan, though larger; deep, rich red, with distinct markings of darker red—blending the colors of Jonathan and Arkansas Black, of which varieties it is thought to be a cross. Tree and foliage resemble Jonathan, but far more vigorous and hardy. Fruit also much like Jonathan, but higher color and even richer flavor, and firmer flesh. Prof. Van Deman pronounced it the most beautiful apple at the great Spokane Apple Show.



A Stark King David tree, three years from planting, bearing its second crop



# Stark Bro's Nurseries & Orchards Company

T. H. Atkinson, the Washington authority, says: "When in its prime surpasses anything we know. Put your teeth into a King David and the sensation is like old wine penetrating the whole system."

In beauty King David is unsurpassed by any apple; its striking appearance commands instant attention and top prices. Tree healthy, hardy, vigorous and a remarkably young and heavy bearer. In 1902, when Mr. Stark first saw it, the fruit hung perfectly until October 22d, while Jonathan five weeks earlier (September 15th) were not already gathered, had largely fallen. King David should, however, be picked early (as early as Grimes Golden); if allowed to hang too long, keeping quality is impaired—a fact that is true of most varieties. We propagate as largely as Stayman Winesap; its beauty, quality and early bearing make it a strong Jonathan competitor. NNCs.

A remarkably high-colored apple and should sell readily, especially on fruit-stands, where its appearance does so much to recommend it.—HON. G. B. BRACKETT, U. S. Pomologist.

Delicious deserves its name, but I consider King David far in the lead.—HENRY T. WILLIAMS, Franklin Co., Ark.

A marvel in beauty and quality.—REV. GEORGE A. PAULL, Kootenai Co., B. C.

King David, three years old, are bearing some of the largest, finest apples I ever saw and this is their second crop.—JOHN BENNETT, San Diego Co., Cal.

Has a fine, vigorous, frost-resisting bloom. Am delighted with it.—FRANK FEMMONS, Madera Co., Cal.

A good many tons of King David raised here this season, and the people don't want anything else.—J. F. ANDERSON, Tuolumne Co., Cal.

King David and Stayman Winesap seem peculiarly adapted to Florida conditions.—E. P. POWELL, Author ORCHARD AND FRUIT GARDEN.

Probably King David as grown in the best sections of Washington, Idaho and Oregon is the finest in appearance of any apple ever grown.—BEN NEWHALL, Chicago.

Bore this season; finer and later than Jonathan.—J. F. GRASS & SON, Perry Co., Ind

The second best apple in all America; Delicious first, of course.—THOS. F. RIGG, Iowa Experiment Station.

Simply fine; other varieties damaged by early freeze.—C. A. CAMPBELL, Van Buren Co., Iowa.

Quality too good to tell.—A. H. GRIESA, Douglas Co., Kan.

At Brockton, found some of the handsomest apples I ever saw—King David. They bring 10 cents each.—H. W. MANN, Norfolk Co., Mass.

Easily king of the Winesap family.—W. H. SCOTT, LaCade Co., Mo.

For high, rocky land give me Black Ben and King David.—ERNEST HAWKINS, Newton Co., Mo.

Both King David and Delicious in northern New Jersey have made fine growth; King David bore some magnificent apples last year.—BERNARD O. BOBERT, Bergen Co., N. J.

Can be eaten by people with delicate stomachs and are better and better the longer one eats.—HON. PARKER EARLE, Ex-Pres. American Horticultural Society.

Wind storms whipped off half the apple crop here, but from my three hundred King David only found one apple blown off. The wind can't budge them.—J. C. LEMON, Emery Co., Utah.

I send you two apples from four-year-old trees. What are they?—J. W. MYERS, Frederick Co., Va. (NOTE.—King David. Quality fine or finer than western-grown specimens.—STARK BRO'S.)

Have King David that knock the spots off of your color page. Some measure 11½ inches in circumference. Hang as well as old Winesap.—G. T. GOUNDRY, Douglas Co., Wash.

Bears young and shows indications of being a very heavy and regular bearer.—O. M. BROOKS, Chelan Co., Wash.

For flavor and beauty, King David cannot be excelled. My trees are loaded.—ROBERT BORTGER, Chelan Co., Wash.

Am still planting them, and am sure I am not making a mistake; believe King David will be the apple for Alaska trade.—R. P. WRIGHT, Chelan Co., Wash.

**\*Rome Beauty.** Large, uniform, smooth, shaded and striped bright red, tender, juicy, good quality; a good cooker. Keeps well in cold storage and in common cellar. Late bloomer and one of the surest annual bearers. When frost ruins the first bloom, Rome Beauty often puts forth second blossoms, insuring a profitable crop when many other sorts are failures. The late Wm. Stark, for thirty-nine years at the head of these Nurseries, said in 1867 in an address before the Missouri State Horticultural Society: "Our Rome Beauty grown on strong, well-cultivated soil this year, sold for \$4.25 per barrel; the purchaser took them to Nashville and sold them at \$9 per barrel." Not until the last ten years has this sort been planted as it deserves. The Rome Beauty region is extending northward, also east—most profitable in York state. We now propagate several select strains—all improvements. Our yearly propagation more than half a million, yet the supply has never been equal to the demand. NCS.

After long experience I consider it one of the best in cultivation; has long range of adaptability and succeeds well in the eastern, western, middle and northwestern states, and adapts itself to a variety of soils.—HON. G. B. BRACKETT, U. S. Pomologist.

A good seller, and growers speak highly of them.—ROBERT CLIFFORD, San Diego Co., Cal.

One of the best apples for our mountain climate; never misses a crop.—H. C. LIVINGSTON, San Bernardino Co., Cal.

Rome Beauty at its best is unexcelled.—W. PADDOCK, Agricultural Experiment Station, Larimer Co., Col.

I planted the first Rome Beauty in Colorado twenty-three years ago; am now getting \$3 to \$3.50 per bushel box, on the Denver market.—W. S. COBURN, Colorado State Board of Horticulture.

Late bloomer, escaping late spring freezes.—JUDGE W. B. FELTON, Fremont Co., Col.

Best general bearer we have; sells along with Jonathan and Winesap.—C. J. MORGAN, Mesa Co., Col.

One of Idaho's leaders, dependable as a constant producer.—J. R. SHINN, Horticulturist, Latah Co., Idaho.

Blooms much later than Jonathan; in fact, one of the latest bloomers; has not failed a crop for eight years.—W. N. YOST, Ada Co., Idaho.

For southern Idaho one of the best.—HON. SILAS WILSON, Canyon Co., Idaho.

My Rome Beauty trees have not missed a crop for thirty years.—W. G. W. RIDDLE, Pike Co., Ky.

On Flathead Lake it attains a wonderful degree of perfection.—J. C. WOOD, Flathead Co., Mont.

Does fine here; in great demand.—JOHN MILLER, Ravalli Co., Mont.

Bears when nearly everything else fails.—C. H. MCHENRY, San Juan Co., N. Mex.

Almost freezing proof.—WM. LOCKE, San Juan Co., N. Mex.

One of the most profitable; hangs well in high winds.—S. D. WILLARD, Ontario Co., N. Y.

Blooms late; begins bearing early and bears heavily and regularly.—PROF. F. C. REMER, North Carolina Experiment Station.

Very prolific; large, good color, good keeper; one of the best in cold storage. Early bearer, good tree.—U. T. COX, The Rome Beauty King, Lawrence Co., Ohio.

Best of all; its quality sells it.—J. W. GARBER, Richland Co., Ohio.

Best of all for the hills of southern Ohio.—PROF. W. J. GREEN, Ohio Experiment Station.

An apple of great promise. Specimens from Front Royal last fall were fine as I have ever seen from any section.—PROF. H. L. PRICE, Virginia Experiment Station.

Very hardy; blooms late. No apple keeps better in storage.—F. WALDEN, Horticultural Editor RANCH, Seattle, Wash.

Thoroughly tried here. Has steadily gained in popularity.—C. S. SCOTT, Monroe Co., W. Va.

**\*Washington Red Rome Beauty.** From a Washington orchardist. Deep red; has attracted much attention. NCS.

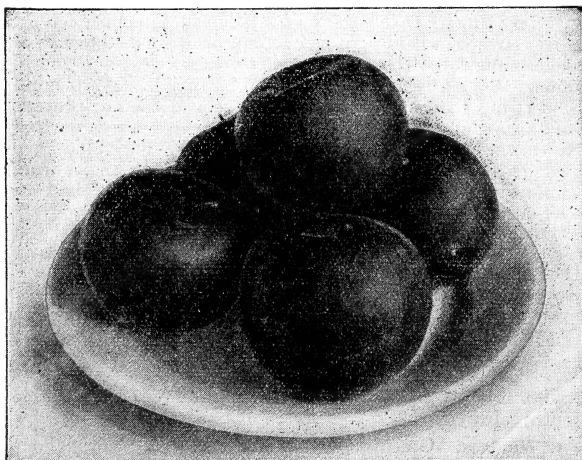
**\*Illinois Red Rome Beauty.** From the great orchards of Senator H. M. Dunlap of Illinois. Far brighter red than any other in his orchard, and commands better prices. NCS.

**\*Ohio Dark Red Rome Beauty.** This strain is from the orchards of U. T. Cox, the Ohio Rome Beauty King. Simply a Rome Beauty, but dark red and very handsome. NCS.

**\*Ohio Bright Red Rome Beauty.** A bright, flashing red Rome Beauty, also from the orchard of Mr. Cox. We are ever on the alert, watching for improved strains of all leading sorts. NCS.

**Opalescent.** Brilliant red, becoming deep purplish red; takes a high polish. Attractive, but only fair quality. NCS.

**Canada Red (Steele Red).** Fine deep red, indistinctly striped with deeper red; rich, fine quality. Largely grown in Michigan where it is very profitable. Popular on Chicago markets. NNC.



Rome Beauty; a splendid apple and highly profitable

# Stark Bro's Nurseries & Orchards Company

**Spitzenburg** (*Esopus*). Bright red, or faintly striped with darker red and yellow; a peculiarly pleasing flavor. In the Pacific northwest is very profitable, but even there they are planting fewer Spitzenburg and more Jonathan, Delicious, Stayman Winesap, Grimes, etc. New York and adjoining states also plant it moderately. NCS.

One of the richest apples grown. Bears early and heavily, but after about twenty years the apple rots at the core before ripening and in a year or so the tree dies.—GEORGE A. MANSSING, Nez Perce Co., Idaho.

With us begins to bear soon as Jonathan, though not so heavily. However, Delicious is going to be our most widely planted apple.—W. B. ARMSTRONG, Yakima Co., Wash.

Many Spitzenburg damaged. Delicious, King David, Stayman Winesap came through the winter fine.—O. M. BROOKS, Chelan Co., Wash.

\***Winter Maiden Blush**. Yellow, distinct carmine dots; quality very good; resembles Maiden Blush. A good keeper; regular, dependable bearer. A favorite in Iowa. NCS.

**American Golden Russet** (*Bullock*). Light yellow sprinkled with thin russet; tender, mild, slightly sub-acid. When well ripened, exceedingly delicate and tender. NCS.

**Roman Stem**. Whitish yellow, sometimes blushed; very good in quality. An old variety that is still a favorite because of hardness and vigor. NC.

\***Grimes Golden**. Undoubtedly the most popular golden apple. A favorite that, year in and year out, commands highest market prices. Golden, transparent yellow; ideal in quality. "Too good for aught else but dessert." Tree hardy, vigorous, blooms late, bears young—a splendid filler. Grimes Golden, Stark Delicious, Stark King David and Stayman Winesap are a quartet of high quality apples that will always be money-makers. Grimes Golden trees to be long-lived should be budded or double worked; well worth an extra price. We have never been able to grow enough Grimes, and from this season's plant of over 400,000 there will scarcely be sufficient. NCS. Shown in natural color on back cover.

Bears every year, utterly defeating Sny, Greening, Baldwin, King and Fameuse in crop, while quality is supreme.—T. C. ORR, Owen Sound, Canada, in *RURAL NEW YORKER*.

Holds its fruit well without bending the limbs. No better apple grown.—JACOB HEBERLING, Delta Co., Col.

Grimes Golden is a wonderful apple for our climate.—T. H. TODD, Howard Co., Mo.

Sells with the finest McIntosh—50 per cent above other sorts.—J. L. THURMAN, Kalispell Co., Mont.

Of all yellow apples none more beautiful; once tasted, is never forgotten.—PROF. H. E. VAN DEMAN, in *FRUIT GROWER*.

**Colorado Orange**. Rich golden yellow, occasional pink blush. Late bloomer, good orchard tree; popular on the markets, being a very late keeper. NCS.

**Shannon Improved**. Large, yellow, smooth, attractive; good in quality and suitable for home use or market. NCS.

\***Ensee Rome Beauty**. An improved Rome Beauty. Originating with the Ohio Rome Beauty King, Nelson Cox. Very promising. NCS.

Good size, fine quality; one of the most promising new varieties; keeps well; flesh yellow, fine grained, resembling a fine Pryor Red, but better. Larger than Rome Beauty or Ben Davis.—NELSON COX, Originator, Lawrence Co.

\***York Imperial** (*Johnson's Fine Winter*). Greenish yellow, nearly covered with bright red; crisp, firm, good—but not of highest quality. Tested everywhere; east, west and south, among the best—not quite hardy far north. A splendid keeper, but in cold storage requires special care to prevent scalding. Sells at fancy prices on English markets as Red Newtown. Orchards in the Virginias and Pennsylvania have averaged \$30 to \$40 per tree. We grow each season from one-fourth to one-half million, yet we have never had an over-supply. NCS.

In the valleys and in northern Virginia generally, York Imperial, perhaps, heads the list for commercial planting.—PROF. H. P. GOULD, U. S. Department of Agriculture, before Virginia Horticultural Society.

The best money-maker for this section.—W. L. BRYAN, Rockbridge Co., Va.

The greatest bearer and most popular apple.—B. E. WATSON, Augusta Co., Va.

From nineteen York Imperial trees we picked 570 boxes.—G. T. RICHARDSON, Chelan Co., Wash.

**Shockley**. Yellow, striped and clouded red. Profitable south; always brings good prices. CS.

\***Windsor**. Greenish yellow, splashed red. Throughout the north valuable, because of hardness and early bearing. NNC.

**Winterstein**. Originated by Luther Burbank, who says: "Tree a grand grower, productive as an apple tree can possibly be; quality, tenderness and texture remarkable." NCS.

\***Pryor Red**. An old-time favorite; red and yellow, largely russeted. Excellent quality, good keeper; long-lived, hardy tree. NCS.

**Estelline** (*Late Duchess*). A beautiful red apple of the Duchess type; good quality. Popular in Minnesota and Nebraska, and promising wherever Duchess is grown. NNCS.

A seedling of Duchess; hardier, later, more productive.—O. F. BRAND & SON, Rice Co., Minn.

**Stark**. Dull, greenish yellow, unattractive, but of good quality; a late keeper; fairly good annual bearing tree. NCS.

**Hyde King** (*King of the West*). Beautiful bright yellow and red; strong grower, young bearer, valuable in the northwest in higher altitudes where Winesap is too small. NCS.

Regular bearer, hardy. At Hood River goes at prices in line with the best.—KARL J. STACKLAND, Union Co., Ore.

A good looking apple though rather ordinary in quality; plant moderately.—E. H. SHEPARD, Editor *BETTER FRUIT*, Hood River, Ore.

\***Virginia Beauty**. Dark, deep red; juicy, splendid flavor. An old variety from Virginia where it has been grown for nearly half a century and where it is popular; good keeper. Becoming popular in Nebraska and other northern and central states. NCS.

The best late fall apple here.—T. K. BRUNER, North Carolina Department of Agriculture.

A fine apple, and does well in Wythe County.—B. E. WATSON, Augusta Co., Va.

No apple I know combines to the same degree beauty, color and delicious quality.—LONDON AYRES, Greene Co., Tenn.

**Sutton Beauty**. Waxed yellow, striped crimson; resembles Hubbardston. Good quality, good keeper. NCS.

**Kinnaird Choice**. Deep red, good quality; young bearing tree. Popular south and succeeding well west. CS.

**Lady Sweet**. Bright red; one of the most desirable winter sweet apples. NCS.

**Paradise Winter Sweet**. Dull green with brownish blush; juicy, sweet, fine quality. Tree not an early bearer. NCS.

\***Lady Apple**. A novel, dainty, small, flat apple; splendid, attractive color, excellent quality—always popular. NCS.

\***Bayard**. Probably most valuable of all the Milam group. One of the best trees; beautiful, excellent quality. In New York it is succeeding remarkably well. NCS.

A fine eating apple and a good seller; a fairly good keeper.—J. R. LAMBERT, Adams Co., Ill.

**Ben Hur**. (*Trade-Mark*.) A Ben Davis-Rome Beauty cross, with the good qualities of Ben Davis tree and the good qualities of Rome Beauty fruit. Brilliantly striped and splashed with red; tree a thrifty grower; late bloomer. NCS.

One of the finest, healthiest growers in existence.—J. F. GRASS, Perry Co., Ind.

A Ben Davis in growth; better color, better quality, larger size; latest bloomer.—W. H. SCOTT, Laclede Co., Mo.

**Yates**. Dark red; good quality, good keeper. Popular south. CS.

\***Stayman Winesap**. The best of all the Winesap type. Dark, rich red, indistinctly striped, but in specimens less highly colored striping is more pronounced; flesh firm, fine grained, crisp, exceedingly juicy, rich and tender; very finest quality, larger than the old Winesap. Originated with the late Dr. J. Stayman of Leavenworth, Kan., who wrote us pathetically fifteen years ago: "There will come a time when all will want it." With the exception of Stark Delicious and Stark King David, no apple is being more largely planted or coming into more wide-spread favor. In Washington, Oregon, Idaho, Colorado, it is ideal. In Virginia, West Virginia and Maryland, along with Delicious, it is crowding out York and other old favorites. In Pennsylvania, Ohio, Missouri, Kansas, Arkansas, Iowa, Michigan—in all orchard regions—Stayman Winesap is taking a leading place. Plant them commercially by the thousands. This year we have propagated about three-quarters of a million. We have never been able to grow enough to supply the demand. NCS. Shown in natural color on back cover.

A grand apple; particularly fine right in the old Winesap districts and in the tide-water section of Virginia and Maryland.—M. B. WAITE, Pathologist, U. S. Department of Agriculture.

# Stark Bro's Nurseries & Orchards Company

Follows close to Delicious in quality. Sold some at \$5 per bushel.—H. D. MORTON, Pope Co., Kan.

Ranks with the best; of nice, even size for packing.—GEO. A. MANNING, Nez Perce Co., Idaho.

Uniformly fine growers wherever tested, east or west.—Iowa Horticultural Society.

Am more strongly confirmed in my good opinion of Stayman Winesap for either home orchards or commercial planting.—F. O. HARRINGTON, Iowa Experiment Station, 1906.

With us Stayman Winesap is by far the most popular winter variety.—C. P. CLOSE, State Horticulturist, Maryland.

Am much pleased with Stayman Winesap and want another block of them. A fine, strong tree with frost-proof blossoms. I wish my whole orchard were Delicious, Stayman Winesap and a few Jonathan.—C. M. FETTE, Vice-President Mississippi Valley Apple Growers' Congress.

It is all that Dr. Stayman claimed for it.—B. F. CARROLL, Lancaster Co., Neb.

It makes a fine running mate for Delicious.—JOHN COTTLE, Washington Co., Ohio.

Would plant nothing but Stayman Winesap—a grand sort.—MRS. LORENZO STILWELL, Union Co., Ore.

A grand apple, far ahead of old Winesap.—WM. WETZ, Clearfield Co., Pa.

Six-year-old trees bore a barrel each.—ROBERT B. ALMY, Newport Co., N. I.

More resistant to frost than Arkansas Black and some others when in blossom; does not scab.—LONDON AYRES, Greene Co., Tenn.

Fruit is well distributed over the tree, and the tough fiber of the wood enables it to carry a tremendous load.—O. M. BROOKS, Chelan Co., Wash.

About the most popular apple here.—T. H. ATKINSON, Chelan Co., Wash.

**\*Mammoth Grimes Golden.** Resembles Grimes Golden in color and shape, but much larger and a trifle more acid. Good cooker, splendid keeper. Recommended for trial. NCS.

Would far rather plant Mammoth Grimes Golden; larger, better bearer, better in every way.—W. H. SCOTT, Laclede Co., Mo.

**Jeniton (Ralls Janet).** Medium size, striped dull red; late bloomer. An old-time standby and favorite, but as tree ages fruit becomes smaller, should be thinned. Ingram and Giant Jeniton best of this family. NCS.

**\*Senator (Trade-Mark).** One of the most beautiful of apples. Brilliant red, smooth, uniform, desirable shape; quality superb—an agreeable blending of acid and sweet, with an intense apple flavor. Throughout the west is fast becoming one of the great market varieties, especially in Montana, where it bids fair to take the place of McIntosh. Succeeds in apple-growing regions everywhere. As grown in the Virginias it excels their popular Lowry. In our Ozark orchards Senator is the strongest, best grower. A splendid cold storage sort. We are manufacturing Senator at the rate of 400,000 yearly—never enough to supply the demand. It is one of the good things that we have never pushed as it deserves. NNCS. Shown in natural color on back cover.

NOTE.—There is a mistaken idea that Senator is identical with Oliver Red (also called Ohio Red) which originated in Ohio and is of poor

quality and of little value. Senator originated in northern Arkansas where it was known locally as All-Over-Red. The similarity of sound confused it with the worthless Oliver Red. The apple was first propagated and sold by us under the name Senator. Do not plant Oliver Red—it is not profitable.—STARK BRO'S.

Strong, rapid grower; comes into bearing at an early age and bears well. A choice dessert sort.—U. S. Department of Agriculture.

This year Senator brought more money than Jonathan or Grimes.—W. G. VINCENHELLER, Washington Co., Ark.

Am sending you twelve Senator apples grown on ten-year-old Stark trees.—RICHARD LECHTENBERGER, Posey Co., Ind. (NOTE.—Never have we seen finer Senator, wonderful color, unusually large, highly flavored.—STARK BRO'S.)

I want you to see a real Missouri Senator, one that all the voters like, so am sending you several.—C. M. FETTE, Marion Co., Mo. (NOTE.—We thought so well of them as representative of the true Senator that we had one of the specimens painted; they were absolutely perfect.—STARK BRO'S.)

Superior as a money-maker to any other in my orchard of 8,500 trees.—WARREN R. GIFFORD, Ravalli Co., Mont.

The Senator apple is one of the best for its season, much more reliable than Jonathan; an earlier and better bearer.—E. A. RIEHL, Alton, Illinois. (Ill. Experiment Station.)

One of the very best apples ever sent here.—HON. PARKER EARLE, Chaves Co., N. Mex.

It belongs to the high class of eating apples. My trees fruited heavily this year, and I was surprised at the size.—TRUMAN TEMPLE, Washington Co., N. Y.

Beats them all as a bearer.—JOHN COTTLE, Washington Co., Ohio.

One of the best eating apples grown.—O. M. BROOKS, Chelan Co., Wash.

**\*Lowry (Dirie).** Beautiful dark red, covered with small salmon-colored dots; high quality. Clear, waxy, takes a high polish. It is of value and should be largely planted; however, we consider Senator superior. Keeps well in common cellar, and is a splendid cold storage sort. Very popular in Virginia. NCS.

Has proven the greatest apple this season, in point of beauty and quality. We are now getting \$5 per box for them.—J. CRAIG, Augusta Co., Va. Seems to cover all the good points and leave out the bad ones.—D. E. WATSON, Augusta Co., Va.

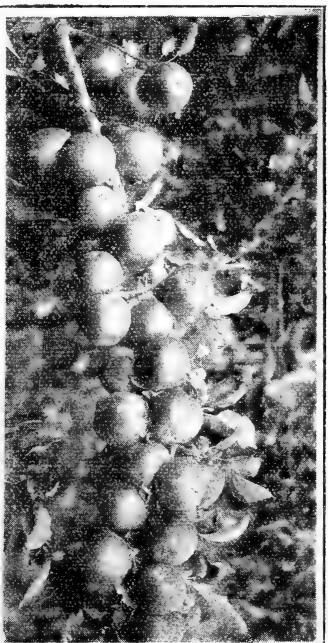
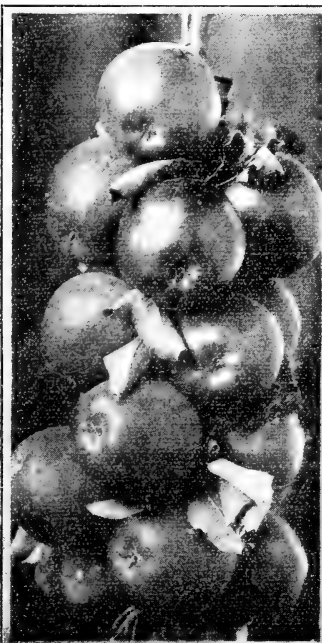
One of the best keepers and sellers in the shape of a red apple we have ever seen in the South.—C. E. SYDOR & Co., Va.

Fruit tender, juicy, excellent quality; though foliage is not free from rust like King David and Delicious.—LONDON AYRES, Greene Co., Tenn.

**\*Limbertwig Improved (Coffelt).** Medium size, striped and splashed red. Good orchard tree; bears abundantly and regularly. The farmer's best keeping apple. Originated in Benton Co., Ark., and is making good. NCS.

**\*Nero.** An improved Minkler; attractive red; tough skin, handles well, good keeper. Fair quality and, late in the spring, is very palatable. Much better than Minkler. NCS.

**Salome.** Striped and shaded light and deep red over pale yellow. Tree vigorous, hardy, healthy, young bearer. Good quality, keeps well. NCS.



Stayman Winesap, a variety that should be planted whenever an apple of the Winesap family is wanted. It is unquestionably the best of that valuable group



A 3-year-old Stark Delicious tree on the S. F. Burgess ranch, Toppenish, Washington. The photograph tells the story of young and heavy bearing  
Note method of pruning—branches arranged around trunk avoiding weak crotches and forks

## \*Stark Delicious (Trade-Mark)

Distinctive in shape and marvelously beautiful in color, remarkable in quality and perfect in tree and blossom. Stark Delicious stands so apart from all other apples as to make the writing of a description, doing it full justice, an almost impossible task. Luther Burbank describes it simply—"It is a gem—the finest apple in all the world." The U. S. Pomologist, Col. Brackett, says: "I consider it the best of all varieties you have introduced. Wherever I have seen it, in various parts of the country, it still retains its excellent flavor."

Stark Delicious is large, with the surface almost covered with a most beautiful, brilliant dark red, blending to golden yellow at the blossom end. The calyx, or blossom end, is one of its ever characteristic features—having five protuberances more or less pointed or flat-rounded, depending on the section where grown.

In quality it is unsurpassed, incomparable—words cannot describe it. In flavor it is sweet, slightly touched with acid, but only enough so to make it all the more pleasing, with an aroma delightfully fragrant. The flesh is fine grained, crisp, juicy, melting, and withal, delicious. People with delicate stomachs, to whom an acid apple is wholly indigestible, can enjoy Delicious without disagreeable after-results. Physicians of note have prescribed it for cases of this character.

In keeping quality it ranks with the best, coming out of storage in March and April in perfect condition.

In tree Delicious is tree perfection and one of the strongest, hardiest and most vigorous growers among apples; aphid-resistant and a late bloomer, the hardiest in bud, the best pollinizer; blossoms strongly frost-resistant—a most important and valuable feature.

Delicious originated twenty years ago at Peru, Madison Co., Iowa, by the late Jesse Hiatt, and on his farm the original tree still flourishes, bearing annual crops of beautiful fruit.

In 1895 we undertook the propagation and introduction of Delicious. Mr. Hiatt wrote us giving a description and history of the original tree, which we reprint since it is representative of the tree as it is grown in all parts of the country: "Strong, vigorous, similar to Winesap, except branches are stronger and need little or no pruning. Tree strong, finely molded limbs, adapted to bearing great weights of fruit.

"Does not sprout or sucker, does not succumb to blight, and has never shown signs of tenderness. During the last eight years drouth and cold have killed three-fourths of my orchard, but Delicious withstood it. Bears annually, yielding large quantities of luscious fruit. Hangs on the tree as well as Ben Davis, keeps as well, is a good shipper (bruises, instead of decaying, dry up, like Ben Davis), is as large, of finer color, as strong a grower, hardier, bears as young and every year. Once introduced, there will be little call for Jonathan."

No other apple has ever commanded or deserved one-hundredth part the enthusiasm, attention and praise that has been showered on Delicious—orchardists, horticulturists, commission men and the great apple-consuming public have, one and all, put upon it the stamp of approval.

No apple shows such wonderful adaptability. On the cold, bleak prairies of Iowa, where it originated, it is at its best; in Michigan it is crowding out Spy and Baldwin; in Massachusetts, Maine and Connecticut, proving their ideal apple; in Nebraska and South Dakota, in the far west—Washington, Oregon, Idaho, Wyoming, Minnesota, Colorado—it stands at the very top of the list, and even in the Bell-flower country of California it has made good; in New Mexico its wondrous beauty is a revelation; in Montana it is outstripping McIntosh and bringing double the price; in the fruit belts of Missouri, Arkansas, Pennsylvania, New York and all New England, it is fruiting to perfection; in Virginia and West Virginia, where orchardists are just beginning to awaken to their country's wonderful possibilities, and in Tennessee, it is repeating its unfailling fruiting record. Even far south, where so many varieties are failures, it thrives. In Australia and New Zealand it is one of the few varieties that can be grown without double working, because of its aphid-resistant qualities. You will search all pomological history in vain for an apple anywhere nearly approaching the record of the great Stark Delicious—and the half has not been told.

We have handled thousands of boxes of Delicious since its introduction; we have handled at the same time many other varieties—best keepers, best sellers—but Delicious is by far

the most satisfactory. During the last few years we have shipped them to every corner of the United States as well as to foreign countries, and we firmly believe its splendid keeping and shipping qualities, together with its wondrous beauty and its incomparable quality, will make it the export apple of the future. As a shipper it is perfection. We offer other good varieties—apples of splendid quality, good keepers, good shippers, sorts that are popular; but when a planter asks for the best, we name Delicious. NNCs. Five specimens shown in natural color on front cover.

The best quality apple grown. My nine-year-old trees have borne four crops; the best money-maker.—H. D. MORTON, Pope Co., Ark.

The finest in the world. Have grown specimens that beat your pictures.—J. R. GRAY, Bell Co., Ark.

Keeps about as long as any we have and longer than any other good apple.—LUTHER BURBANK, Sonoma Co., Cal.

Delicious this year proved its superiority over all; a fair crop on all trees with temperature 26 degrees at blooming time. Hardiness of bloom to resist 3 to 6 degrees more of frost is of great importance.—FRANK FEMMON, Madera Co., Cal.

Superior to anything so far planted. Almost wholly resistant to powdery mildew, also drouth resistant. For general all around thrift they have no equal.—S. B. WRIGHT, San Bernardino Co., Cal.

I cannot say enough in favor of Delicious.—M. A. SHUTE, Secretary Colorado Horticultural Society.

My Delicious trees have borne every season for five years. Sold at \$3 per box when Jonathan were selling at \$1.50.—GUS. WETZEL, Garfield Co., Col.

C. H. Smith picked fourteen boxes of Delicious from one tree this year; far superior to samples you sent me.—GEORGE LA GRANGE, Mesa Co., Col.

Delicious trees in B. F. Bowers' orchard were loaded this season with apples of the finest quality; they were a picture.—JOHN HARBERT, Otero Co., Col.

My Delicious trees are eleven years old. Easily the leader of all known apples.—C. H. COE, Garfield Co., Col.

(At the close of the Denver Apple Show, Mr. C. H. Coe sold nine boxes of Delicious for \$145, eight boxes bringing \$15 each, while the ninth box commanded \$25. So far as known, this is the highest price ever paid for a like quantity of fruit.—STARK BRO'S.)

Delicious, in our own orchard this year, came up smiling, in good shape.—J. H. HALE, the Peach King, Hartford Co., Conn.

Here Delicious are hardy, vigorous and bear better with age. No apple can compare with it. Shall plant ten acres.—H. W. PHIPPS, Washington Co., Idaho.

Delicious has come to stay. Have seen the variety in many states; strong grower, productive, good keeper; sells higher than any other variety.—HON. SILAS WILSON, Canyon Co., Idaho.

Delicious came through the awful freeze of April 22 and 23, 1910, with scarcely any injury, while all other apple trees, twenty-eight varieties, were badly damaged. Delicious trees look grand in their uninjured foliage.—TEOS. F. BIGG, Horticultural Experiment Grounds, Iowa Falls, Iowa.

Think highly of Delicious; trees entirely hardy here.—A. S. BEARY, Hardin Co., Iowa.

Have ten Delicious fruiting; thirty-five trees of other varieties. The ten Delicious have borne more than all the other thirty-five.—GEORGE HOCKETT, Ringgold Co., Iowa.

The value of Delicious for the Snake River Valley seems to have been fully demonstrated.—PAUL ELLIS, Bingham Co., Idaho.

Better than you ever claimed them to be—the finest eating apple man or woman ever tasted. Splendid grower, very fine wood and shapely head.—HENRY C. CUPP, Adams Co., Ill.

Just commenced bearing; finest apples we ever ate; everyone else says the same.—EASTMAN & Co., Jersey Co., Ill.

Sending specimen apple. What variety is it? Tree hardy and thrifty, and everyone is much taken with it.—A. B. EASTERDAY, Atchison Co., Kan.

(NOTE.—Delicious; very firm, dark, rich, gloriously colored.—STARK BRO'S.)

Delicious is hardy here.—CHARLES G. ATKINS, Hancock Co., Maine. Stood the cold winters well, and are hardy here.—C. IVORY MORSE, Cumberland Co., Maine.

Bringing 15 cents each in Fall River.—REV. J. WILLIAMS, Bristol Co., Mass.

At North Manitow Island, Delicious excels them all; good size, rich color, remarkable flavor. On July 15th we still had Delicious in our common cellar.—NEWHALL & SON, Chicago.

Simpson Bro's say Delicious is not at all affected by heat or extreme cold.—D. W. ROBINSON, Ontonagon Co., Mich.

Northern Spy by the side of Delicious froze, but Delicious gave a good crop; the finest apples ever grown in this country.—JOHN VERSNYDER, Leelanau Co., Mich.

Have Delicious in bearing—quality cannot be excelled.—JOSEPH A. BUTLER, Emmet Co., Mich.

Picked thirteen bushels from one ten-year-old Delicious tree. Having no cellar, we buried them in the ground; commenced using them February 1st. No man ever tasted a better apple.—MRS. SERENA LEWIS, Sanilac Co., Mich.

Delicious seems hardy here. Planted just a few trees, and top-grafted several. The whole trees appear just as good as the top-grafted ones and as hardy as Wealthy, Patten Greening, etc.—HAROLD SIMMONS, Wright Co., Minn.

Truly a king—the healthiest of apple trees; good.—W. H. SCOTT, Laclede Co., Mo.

This year an especially good crop when frost practically ruined all other varieties. Delicious certainly frost-proof.—C. M. FETTE, Marion Co., Mo., Vice-President Mississippi Valley Apple Growers' Congress.

Delicious is producing the largest quantity of pollen of any variety ever fruited on the grounds. We are using it for crossing other varieties. It should be of interest to fruit-growers to know that Delicious has this increased pollen-bearing habit.—PROF. J. C. WHITTEN, Mo. Exp. Station.

Delicious excels all in hardiness; where cottonwood trees will grow, Delicious will grow.—C. H. NORTON, Carbon Co., Mont.

The best all around commercial apple in my orchard of over forty varieties.—R. A. ROLLINS, Flathead Co., Mont.

# Stark Bro's Nurseries & Orchards Company

A good grower; symmetrical, capable of carrying a heavy load.—F. B. ELMER, Jefferson Co., Mont.

Stood the past winter; Delicious better than McIntosh.—W. J. SAWYER, Yellowstone Co., Mont.

Delicious has done fine—a large, nice looking apple.—L. B. HARDY, Hillsboro Co., N. H.

Sold 300 boxes, at \$2.15 per box, the highest price ever paid for so large a quantity here.—P. D. SOUTHWORTH, Lincoln Co., N. Mex.

Delicious fruited for the first time on our grounds this past season. We are much pleased with it.—U. P. HEDDER, New York Exp. Station.

Do not want any better apple than Delicious. Have not sold any but gave some away for trial.—T. MAX TEMPLE, Washington Co., N. Y.

Delicious coming more into demand than ever—absolutely free from woolly aphis.—D. HAY & SOSS, Auckland, New Zealand.

Brings me \$3 per box, and I can't begin to supply the demand.—J. C. BRUNNELL, Polk Co., N. C.

Delicious grown at the Experiment Station were not so large as the ones you sent; however, makes a good showing.—PROF. WENDELL PADDOCK, Department of Horticulture, Ohio State University.

Hang on well during drouth, and tree looked fresher than any other during dry spell.—JOHN COTTLE, Washington Co., Ohio.

Trees planted four years ago bore this year.—MAT BROWN, Grower of fine fruits, Major Co., Okla.

Delicious are O. K. Would plant heavily.—H. F. SIEVERKSOPP, Wasco Co., Ore.

Have Delicious in bearing. No one can go amiss in planting them.—W. H. HELLOTT, Fulton Co., Pa.

Am sending you sample Delicious, so you can see and taste it as grows in Pennsylvania.—ROBERT M. ADAMS, Lancaster Co., Pa.

Kept in ordinary cellar until May 1st.—H. H. LAUB, JR., Millin Co., Pa. Delicious does well here.—JACOB E. GNAPEY, Somerset Co., Pa.

I fruited Delicious this season; better quality and finer color than samples you sent me.—ROBERT B. ALMY, Newport Co., R. I.

Fruited Delicious four years on our South Dakota farm; stood 40 degrees below zero and fruited when Jonathan failed.—D. M. DICKERSON, Woodbury Co., S. Dak.

Delicious stood the frost best of all the past season.—LONDON AYRES, Greene Co., Tenn.

Meets all the requirements of a winter apple; will become popular as Jonathan, and that is saying a good deal.—BRIGHAM BIRCH, Salt Lake Co., Utah.

M. B. Miller & Bro's, Bridgewater, Va., placed some very fine Delicious on exhibition at the recent apple show at Harrisonburg. You had there on display, Delicious grown in Washington—Virginia grown out-classed them in color and quality, but did not quite equal them in waxy finish.—H. L. PRICE, Montgomery Co., Va.

Have examined Delicious, both in Virginia and at the Tennessee State Fair, and find that it has succeeded admirably thus far in those states.—G. B. BRACKETT, U. S. Pomologist.

Our Delicious trees bore the finest, handsomest, best apples we ever saw or tasted. Wish all our trees were Delicious.—J. A. CONKLIN, Alexandria Co., Va.

Have Delicious bearing. The name describes the fruit.—W. W. BIRD, Russell Co., Va.

Think highly of Delicious and also of King David. In fact, I am going to plant these varieties and am sure any orchardist who plants them will not make a mistake.—W. T. CLARK, Presid't Washington State Hort. Soc.

Cannot say too much for Delicious. It is here to stay.—F. DANDO, Chelan Co., Wash.

Delicious sold for \$3 per box, f. o. b. shipping station.—Wenatchee Valley Fruit Growers' Association, Wenatchee, Wash.

My Delicious trees began bearing the third year and have borne every year since. The tree is less bothered by codling moth than any other in my orchard.—F. S. BRIGGESS, Chelan Co., Wash.

Delicious is without a peer. Owing to the vigor of the tree, the texture and thickness of the leaves, it is comparatively free from aphis.—O. M. BROOKS, Chelan Co., Wash.

Have 400 Delicious trees loaded—limbs touch the ground, but never break.—DICK HART, Yakima Co., Wash.

Bids submitted to the Wenatchee (Washington) Fruit Growers' Association for the output of the orchards in this great fruit district show Delicious in a class by itself. The quotation shows:—

Baldwin	\$1.15 per box
York Imperial	1.15 per box
Grimes Golden	1.50 per box
Stayman Winesap	2.25 per box
Rome Beauty	1.75 per box
Black Ben	1.75 per box
Winter Banana	2.00 per box
Yellow Newtown	2.00 per box
Jonathan	2.25 per box
Spitzenburg	2.50 per box
Delicious	3.00 per box

Specimens from C. W. Scott, Sinks Grove, W. Va., show that Delicious is doing well there.—Hox. G. B. BRACKETT, U. S. Pomologist.

Delicious bears as heavily as Black Ben in West Virginia.—RAYE KERRHART, Mineral Co., W. Va.

Everyone who has Delicious has a good word for it. S. W. Moore of Elwell says it is the best apple in his orchard. He is one of the best authorities in this state. I have fruited Delicious, and it is all right.—S. C. SCOTT, Monroe Co., W. Va.

Delicious colors well here and the tree is hardy; so are Black Ben and Senator.—WM. CEZAR, Jefferson Co., Wis.

This valley six years from now will be known all over the United States as "The Valley where the Big Horn Delicious Grow."—J. L. LEWIS, Big Horn Co., Wyo.

Delicious is profitable with me. Three barrels from one tree this year; splendid keepers, even in common storage. Am recommending it wherever I go.—S. W. MOORE, Instructor in Agriculture, W. Va.

Delicious in my cellar now (February 11th); a splendid keeper.—P. L. BELSOIL, Atlantic Co., N. J.

**\*Black Ben (Trade-Mark).** When an apple of the Ben Davis family is wanted, Black Ben should be planted. Will produce more bushels to the tree—hence cost less per bushel to grow, than any other variety. In every way it is superior to Ben Davis, Gano, Ether, Red Ben Gano or any kindred apple.

The tree growth is of the Ben Davis character, but stronger, hardier, thrifter, better resister of drouth; foliage more vigorous and succeeds over a larger territory. In fruit it is one of the handsomest of all apples; large, solid deep, dark red (no stripes). Its wonderful beauty makes it a profit-earner and a big one. In the spring of 1909 it sold on Chicago and New York markets at \$3 per box, while Jonathan brought but \$2. An A-1 keeper, either in a common cellar or cold storage. No apple will stand hard handling or long-distance shipping better. Plant it largely. We propagated this season only half a million—less than planned. Black Ben planters had best place orders early. NCS.

In my sixteen-acre apple orchard, Black Ben are the best bearers.—C. C. McDOWELL, Chase Co., Kan.

Black Ben, set three years ago, fruited this year; appear solid enough to keep forever.—G. IVORY MORSE, Cumberland Co., Maine.

Head and shoulders above all other apples for commercial purposes.—E. W. ROBINSON, Ontonagon Co., Mich.

Grew faster, stronger, bore younger, and kept cleaner from insects than any other.—WM. S. DAWSON, Cole Co., Mo.

Hardier, healthier, better bearer, better quality and a better keeper than Gano or Ben Davis.—W. H. SCOTT, Laclede Co., Mo.

Black Ben is a favorite in Montana.—J. R. STEVENS, Carbon Co., Mont.

The poor man's apple; fills the boxes and barrels like Old Ben and Gano and is much better.—THEODORE POLLING, Delta Co., Col.

Ahead of anything in my orchard.—J. G. JOHNSTON, Milton Co., Ga.

Have eight hundred Black Ben trees. Have been growing fruit thirty years, and find Black Ben best of all.—M. L. ARRENDALTE, Rabun Co., Ga.

Bears every year, frost or no frost.—A. Y. SATTERFIELD, Bingham Co., Idaho.

Away ahead of Ben Davis or Gano. Are replacing the dead trees of these varieties with Black Ben.—EASTMAN & Co., Jersey Co., Ill.



The originator and original tree of Stark Delicious



One of 100 Stark Delicious trees in the Bailey orchard, Chelan County, Washington, that in 1908 earned \$2,000

# Stark Bro's Nurseries & Orchards Company

Black Ben is wonderfully fine.—F. BIECK, Warwick Co., Ind. Everything you claim for them.—EMIL KIELBERG, Pinal Co., Ariz. A regular bearer of large, highly colored apples; profitable.—TANNER BRO'S, Nainimo Co., B. C.

If, on November 15th, you could see Black Ben trees still hanging full of the most beautiful apples ever produced, you would be even more enthusiastic.—FRANK FEMMONS, Madera Co., Cal.

The most valuable for this section, stands our trying climatic conditions and bears every year.—G. E. HEATON, San Luis Obispo Co., Cal.

At the National Apple Show the \$500 carload prize was awarded car Black Ben grown at Fruita.—DR. S. T. GREEN, President Fruita (Col.) Chamber of Commerce.

Here in the Bitter Root Valley, Black Ben will be one of the best late winter apples.—W. J. TIEDT, Ravalli Co., Mont.

Black Ben for this section is fine.—ARCH MCGREGOR, Grant Co., N. Mex.

Do you know that in New York there is far more money in raising Black Ben than Baldwin? The day is coming when growers will find it out.—THOS. F. RIGG, Horticulturist, Hardin Co., N. Y.

Black Ben in bearing is the handsomest sight I ever saw.—TRUMAN TEMPLE, Washington Co., N. Y.

One of the greatest money-makers.—D. H. WYANT, Indiana Co., Pa. Sold on our Newport market for \$1.50 per barrel more than Baldwin.—ROBERT B. ALMY, Newport Co., R. I.

A fine apple for western growers to plant for shipping.—EDWIN PARKER, Weber Co., Utah.

A beauty, far ahead of old Ben.—A. A. HALLIDAY, Windham Co., Vt. Mr. O. G. Franer of Wenatchee says that Black Ben shipped from here as "Aristo Black" is the greatest money-maker we have in the valley, next to Winesap.—T. H. ATKINSON, Chelan Co., Wash.

Averaged eight boxes to the tree; seven years old.—R. P. WRIGHT, Chelan Co., Wash.

\*Akin. Yellow, almost overspread with bright red. Firm, juicy, fine quality, good keeper; tree hardy, healthy and reliable bearer. NCS.

Resembles Jonathan in several respects, but does not come into bearing as early.—E. H. RIEHL, Illinois Experiment Station.

Mr. Manville shipped car of Akin to Newhall of Chicago—the highest priced apples sold from Idaho. A money-maker in southern Illinois, where it is grown extensively.—STARK BRO'S.

White Winter Pearmain. Pale yellow, shaded brownish-red; juicy, mild, superior to Huntsman Favorite. Planted largely far west, especially Colorado and New Mexico, where it should be planted more extensively. Not profitable east, because of scab. NC.

Of all varieties White Winter Pearmain does best.—HALL BRO'S, Maricopa Co., Ariz.

One of the heaviest bearing trees here.—J. C. EAKLE, Chelan Co., Wash.

\*Minkler. Almost overspread with light pinkish red; fair quality; strong grower, regular cropper, long-lived. Should be planted in every home orchard. NCS.

Chicago (Trade-Mark). Deep yellow overspread with dark red; tender, crisp, refreshing. An excellent keeper—one that will always bring good prices. Paragon Winesap is preferable. NCS.

A wonderful apple; we hardly appreciated it until the tree came into abundant bearing. Delicious and Chicago are certainly gems.—LUTHER BURBANK, the Wizard of Horticulture.

They are as pretty as any person would want to see and good quality.—WM. H. MELLOTT, Fulton Co., Pa.

As good as Chicago is, we prefer to plant Delicious, King David, Stayman Winesap, Paragon and Senator. Because we cease pushing a sort does not mean that it is without merit, but rather that we have something better.—STARK BRO'S.

\*Willow Twig. Not high quality, but a long keeper. Succeeds best on the white oak ridges of central states. NC.

\*Winesap. Medium size, firm, crisp, dark red; rich, pleasing flavor; good shipper and stands rough handling. Tree regular cropper and hardy. Requires a deep, rich, moist soil—will not thrive in heavy clay soils or in low, damp locations. In favored sections west of the Rocky Mountains it is one of the most dependable and profitable varieties; also in the Virginias is largely grown. For the higher elevations, where Winesap grows too small, Stayman Winesap is superior. A money-maker. Editor Irvine of the FRUIT GROWER predicts it will be planted even more extensively in the far west. CS.

Our best keepers are Newtown Pippin and Winesap.—J. F. ANDERSON, Tuolumne Co., Cal.

Fine white trees are young; overbear as trees get older. Stayman Winesap much better.—THEODORE POLLING, Delta Co., Col.

Our most profitable apple; we get a crop nearly every year.—H. A. SIMONS, Fremont Co., Iowa.

The leading variety in the Wenatchee Valley; productive, good quality, high color, long keeper, a favorite with growers and buyers.—O. M. BROOKS, Chelan Co., Wash.

\*Paragon Winesap. Winesap type, resembles M. B. Twig, but tree bears younger, more heavily, and fruit is of better quality; one of the best keeping varieties, both in cold storage and common cellar. We propagate from the Femmons select strain, which we believe will supersede even the popular and profitable old Winesap. A few years ago some authorities declared M. B. Twig and Paragon identical, and thousands of Paragon trees were sent out under the name of M. B. Twig. In many cases where orchardists claim M. B. Twig profitable, they have Paragon. NCS. Shown in color on back cover.

Has not failed since commencing to bear a dozen years ago; the best keeper we have.—FRANK FEMMONS, Madera Co., Cal.

Its good qualities and its family history may be summed up in describing it as an improved Winesap.—IOWA STATE REGISTER.

Growing in popularity; uniform size, good color, handles well.—C. P. CLOSE, State Horticulturist, College Park, Md.

The best grower in this section.—J. D. & S. L. ELLIS, Rhea Co., Tenn.

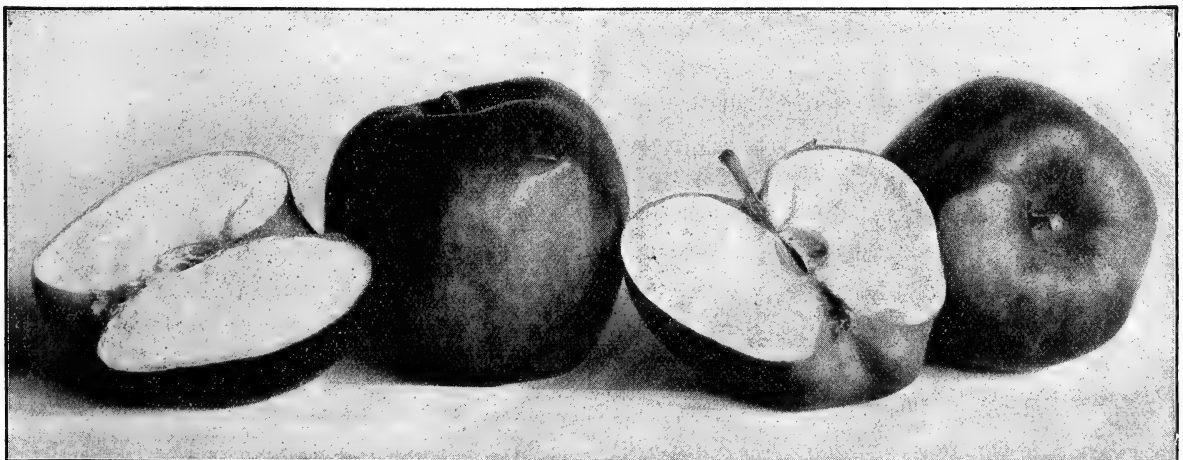
\*Gilbert Winesap. An improved Paragon originating in Tennessee. Profitable in all Winesap regions. NCS.

Albemarle Pippin (A select strain of Newtown). A great export apple that has brought the Virginias fame and English gold. Late keeper, good quality, rich, high flavor. Succeeds commercially only in favored localities. NCS.

Newtown Pippin. Bright yellow, blushed pink, firm, crisp, juicy, one of the best keepers. Last apple on the market in early summer. Valuable in western apple regions and a few favored sections of the east and southeast. A great export apple—in England commands fabulous prices. Hood River, Oregon, exports Newtown by the train-loads. NCS. Shown in color on back cover.

Our best keeping apples are Newtown Pippin and Winesap.—J. F. ANDERSON, Tuolumne Co., Cal.

Newtown Pippin stands among the best apples here; is always in demand.—GEORGE A. MANNING, Nez Perce Co., Idaho



Stark Delicious after having been in a hot show-window for two months. No indication of decay was found and all its surpassing quality was still retained

**\*Ingram.** Red, striped crimson. Often overbears, resulting in fruit of small size, unless severely pruned and thinned. Louis Erb, the largest orchardist in the Missouri Ozarks, says Ingram is one of the good things Ingram orchardists have been keeping quiet about. His Ingram trees have averaged as high as \$27 per tree. The Ozarks and other apple regions subject to late frosts will find Ingram a gold mine, being an extremely late bloomer. CS.

Most prolific and surest bearer I know. It takes a late bloomer to be successful on this mountain.—J. M. GILMOUR, Newton Co., Ark.

Fruit is borne all through the tree, not in clusters; does not rot or speck.—Illinois Experiment Station.

Ingram is the coming apple of the southwest. Whoever has them will have the trade.—J. J. McCLURE, Lawrence Co., Mo.

Very promising; hangs on the tree latest of all.—LONDON AYRES, Greene Co., Tenn.

**\*Giant Jeniton.** A Jeniton seedling from northeast Missouri; late bloomer, unfailing cropper; hardier, more vigorous, fruit larger, foliage better than any apple of the Jeniton family. Thrives where Ingram grows and further north. NCS.

As hard as a rock; resembles Ingram, but larger, smoother, better.—C. A. GRASS, Perry Co., Ind.

Thrifty grower, foliage fine, a prodigiously young bearer. As Stayman is to Winesap, so is Giant to Jeniton.—LONDON AYRES, Greene Co., Tenn.

**Arkansas Black.** Dark red—almost black; sub-acid, coarse, but a good keeper. Valuable in favored localities, reaching its perfection in the Pecos Valley of New Mexico. In the north, east and central west, it scabs badly and is a shy bearer. CS.

Not as good as Jonathan or Stayman, but better than Winesap or York.—HON. PARKER EARLE, Chaves Co., N. M.

Does not bear enough fruit, and ten chances to one what it does bear will scab.—H. P. GOULD, before Virginia Horticultural Society.

Very handsome, but not so dependable as many others.—PROF. H. E. VAN DEMAN, Ex-U. S. Pomologist.

**\*Champion (Trade-Mark).** For sure, quick profit has few equals. Golden yellow, beautifully striped and shaded bright red, its strong skin making it one of the best shippers and as a keeper we have never seen its superior. An extremely young bearer—hence an ideal filler; thrives in thin soils where Ben Davis and Missouri Pippin are failures. An excellent export apple and should be planted largely for Alaskan and oriental shipments. In 1908 our Mr. C. M. Stark, while studying orchard conditions in the great orchard belt of northern Arkansas, wrote: "Champion loaded—beautiful apples; will be fine for May and June markets. If all Ben Davis, Missouri Pippin and Winesap here were Champion, they would be worth 50 per cent more." The only objection is it lacks high quality. NCS.

Our orchardists enthusiastic over Champion, which they favor before Ingram.—FRANK GREENE, Washington Co., Ark.

Some weigh fifteen ounces; bore at two years.—J. T. ANDERSON, Tuolumne Co., Cal.

Young, regular bearer; holds its juiciness until spring.—E. H. RIEHL, Illinois Experiment Station.

This year Champion kept up its reputation as a prolific bearer, which is very noticeable in a year of failure.—Report Iowa Horticultural Society.

Champion is all right; a long keeper; splendid late in season.—FRED A. ROGERS, Penobscot Co., Me.

Best drought resistor of all; one of the best growers.—W. H. SCOTT, LaCede Co., Mo.

Orchardists prefer it to Ingram.—J. L. McCLURE, Lawrence Co., Mo.

Fruited second season.—MYRON C. SAFFORD, Washington Co., N. Y.

Wish I had ten times as many.—GEO. W. HARMON, Woods Co., Okla.

A perfect apple.—WILLIAM H. HELLOTT, Fulton Co., Pa.

All apples a failure this year except Champion.—C. I. BOARD, Lamar Co., Tex.

Kept in a common cellar until June.—F. DANDO, Chelan Co., Wash.

Good eating apple; fine color.—N. C. THOMPSON, Kootenai Co., Idaho.

**Lansingburg (Rock Pippin).** Extremely late keeper; fairly good quality; greenish, becoming rich yellow, sometimes blushed. Keeps until May and later. NCS.

The most reliable May apple I know.—BENJ. BUCKMAN, Sangamon Co., Ill.

## Dwarf Apple

For the garden or small yard, where standard apple trees take up too much space, dwarfs may be planted. They bear quickly, have low, broad heads and the fruit can be easily picked. They can also be planted much closer than the standard tree. We do not recommend dwarfs for commercial planting, as standard trees should be used. For descriptions of the dwarfs here listed, see standard apple descriptions. We offer the following sorts on Doucin Stocks: Stark Star,

Henry Clay, Liveland Raspberry, Wilson Red June, Banana, Jonathan, Stark King David, Rome Beauty, Lady Apple, Stayman Winesap, Senator, Stark Delicious, Black Ben.

## Crab Apple

**\*Whitney.** A small apple rather than a true crab; smooth, glossy green splashed carmine; pleasant flavor. Handsome dwarfish grower; fine for jellies and preserves. NNCS.

**\*Stark Florence.** Worth all others put together—by far the most valuable of all crabs, the youngest and most prolific bearer; very hardy, dwarfish grower and may be planted closely. Striped and mottled crimson and yellow; unsurpassed for jellies, preserves and cider; bears everywhere. Originated in Minnesota by the late Peter M. Gideon, the originator of the Wealthy apple. NNCS.

**\*Arkansas Florence.** A bud variety of Stark Florence found in the orchard of B. L. Flowers, Cleburne Co., Ark., who says: "Tree strong, upright grower; wood very tough, foliage darker and heavier than Stark Florence. Fruit a little higher color, and twice as large." NNCS.

**\*Martha.** Another origination of the late Peter M. Gideon; a beautiful crab, dark yellow shaded red; excellent for cooking and fair for eating fresh. NNCS.

**\*Stark Gold.** Handsome large yellow. Best of all crabs for cooking. Tree very productive and comparatively free from blight. NNCS.

**\*Transcendent.** An extremely hardy yellow crab, partly covered with red. In Montana they are being planted commercially by the tens of thousands. Its worst fault is its susceptibility to blight. NNCS.

**\*Hyslop.** Large, deep crimson; popular because of size and beauty. More satisfactory throughout the west and in Michigan than in the east. A favorite on Chicago markets. NNCS.

**\*Excelsior.** Very large, yellow, shaded red; handsome. Flesh white, juicy, good. NNCS.

**\*Dartmouth.** Large, handsome dark red; an excellent upright growing tree. The South Haven (Michigan) Experiment Station considers it the most profitable crab. NNCS.

**Hewes Virginia Cider.** Small, dull red, juicy; an ideal cider crab. NNCS.

## Quince

FOR best results quince should have a rich, deep, moist, but well-drained clay soil; like the cherry, it will not stand in wet land. The tree responds quickly to good care and, under favorable conditions, bears heavily and every year. It is a dwarfish grower and may be planted as closely as 8 to 10 feet apart; but, on account of its dwarf characteristics, it must be controlled or it will rapidly develop into a bush. Keep all suckers and water sprouts pinched off and the top open to admit sunshine and air.

As a fruit for jellies, preserves and syrup, the quince takes a position of first rank and there is a constant and growing demand for the fresh fruit.

**\*Missouri Mammoth.** One of the largest and handsomest; tree young and prolific bearer. CS.

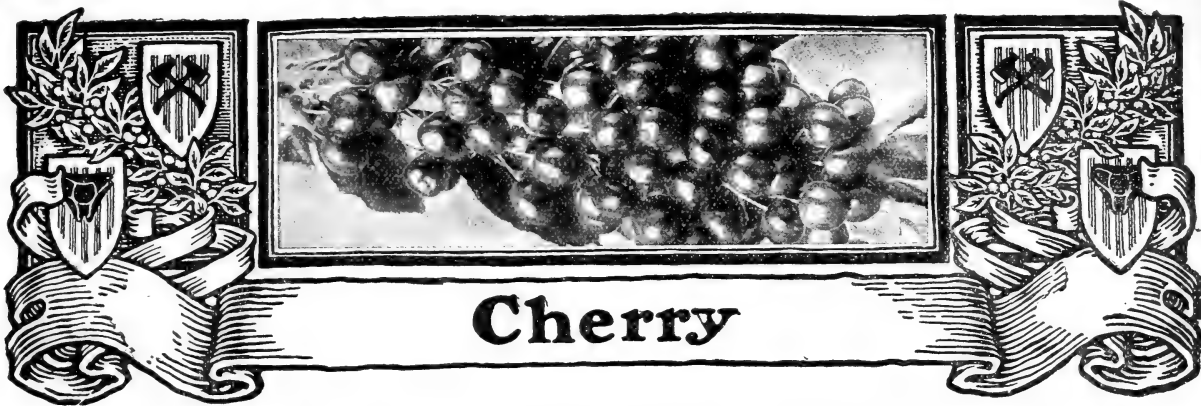
**\*Orange.** Golden yellow, good flavor. We propagate from a select strain. CS.

**\*Bourgeat.** Strong, handsome grower; great cropper; one of the best keepers. Golden yellow; good flavor. NCS.

**\*Van Deman.** Originated by Luther Burbank. The hardiest, surest, best we know; succeeds farther north than any other. Will produce more large, fine flavored golden fruit than any other quince. NCS.

Often weigh 25 ounces. Superior flavor, texture, quality. Baked, canned or dried it retains the best quince flavor. Side by side have Orange, Rea, Meech, Champion and others, but not one is comparable to Van Deman in size, quality, flavor and beauty.—LUTHER BURBANK, Sonoma Co., Cal.





# Cherry

**C**HERRY growing is one phase of orcharding which has been really neglected and which offers a splendid opportunity. The following facts and figures taken from a western and an eastern state are representative; however, these states are in no way better than a number of others, for the cherry has a great range of adaptability and is grown successfully in practically every state, except those in the extreme south, and it will do well in the higher regions of those states.

## Cherry Orchard Cultivation in Eastern Colorado Without Irrigation

The following is from Thomas W. Page, a practical horticulturist, who has been in charge of a western orchard for more than twenty years.

"First, plow your land deeply, using a breaking plow, and follow with a stirring sub-soil plow, cultivating 15 to 16 inches, deep. Plant strong two-year cherry trees here. Cultivate thoroughly with a cut-a-way harrow, following with a good 'leveller'—not a roller. Keep a smooth, unpacked surface to hold the moisture. Cultivate just as soon as possible after each rain—don't let it form a crust or you will lose the moisture. Cultivate constantly, at least once a week until September 1st. It is cheaper to cultivate in this way than to irrigate. One man with three horses and a No. 7 Clark's Cut-a-Way harrow can care for 60 acres. Wood fiber tree-protectors or burlap sacks on the trunks protect trees from the hot summer sun."

The following is from Mr. James Turnbull, Secretary of the Round Crest Fruit Co., of Canon City, Colorado:

"Growing sour cherries near Canon City is the most profitable branch of orcharding in this locality. There is less danger from early frosts, late hail storms, etc., than with fruits maturing in the fall. There is also an almost unlimited demand for the fruit in its fresh state where the supply is sufficient to ship in car lots. The market for canned cherries is practically inexhaustible. The fruit will hang long enough after it is ripe to enable the grower to pick it even where help is scarce.

"The Montmorencies are the most satisfactory varieties. Certain near-by orchards have produced crops averaging 30 crates or 900 pounds of cherries to the tree. We have been paying the growers, at our factory, 3½ cents per pound, delivered in bulk. Cherries can be planted forty trees to the acre, which at the above prices yielded \$1,200 per acre, with the additional advantage that when the orchard is young, 160 trees can be planted to the acre. Later, half of these can be cut out, and when they become crowded half of the remaining trees can be removed, leaving forty to the acre, with the result that a cherry orchard in this locality should produce close to the above figures five years from planting."

## Cherry Orcharding in Michigan

The following figures are taken from an estimate made by Mr. Benjamin Newhall, of the firm of F. Newhall & Son, which was the oldest wholesale fruit-house on South Water Street, Chicago. These figures are based on actual returns from actual orchards in western Michigan, although they do not represent any particular orchard of just this size. They represent only orchards in good locations, first-class soil, and those that have had expert care from the beginning:

Original investment—500 acres of land, trees, equipment, etc. . . . .	\$39,800.00		
<b>FIRST PERIOD—4 years.</b>			
Total expenditure per year . . . . .	8,050.00		
Income per year from potatoes, beans, clover, etc. . . . .		\$ 8,500.00	
<b>SECOND PERIOD—5th to 7th year inclusive.</b>			
Total expenditure per year . . . . .	9,500.00		
Income per year—cherries . . . . .		25,937.50	
"                    peaches . . . . .		750.00	
Net income . . . . .		11,356.00	
			<b>THIRD PERIOD—8th to 10th year inclusive.</b>
			Total expenditure per year . . . . .
			Income per year—cherries . . . . .
			peaches . . . . .
			apples . . . . .
			<b>FOURTH PERIOD—11th to 13th year inclusive.</b>
			Total expenditure per year . . . . .
			Income per year—cherries . . . . .
			peaches . . . . .
			apples . . . . .
			\$10,550.00
			\$39,906.00
			\$1,125.00
			6,075.00
			11,750.00
			77,812.00
			31,125.00
			36,450.00

While the above figures represent a large orchard and are based on actual figures from large orchards, it does not stand that average expenses are any higher on a smaller orchard, because in general the larger the orchard or farm, the higher the percentage of expense, which is just the opposite when it comes to manufacturing and light businesses. As a general rule the man giving a small orchard his personal attention stands a better chance to cut down expenditures and increase profits than the large orchard company.

The foregoing figures from Mr. Newhall are taken from a complete statement, a copy of which will be sent free on request. Ask for "Will Cherry Orcharding in Michigan Pay?"

The following figures represent actual results from one of Mr. Newhall's cherry orchards. 106 trees planted 16¼ feet apart on sandy soil, yielded at the rate, per acre, of \$1,551 for all varieties. Seven consecutive trees of Black Tartarian standing in one corner of the orchard, yielded 71 cases, which sold at an average price of \$2.50 per case f. o. b.

Paul Rose, a noted cherry-grower near Frankfort, Michigan, who has probably made a greater success of his large cherry-growing operations than most Michigan growers, writes us as follows:—

"I find the growing of cherries more profitable here than any other fruit except Elberta peaches. All varieties of cherries do well here, all along the west shore of Lake Michigan. I sold about \$7,000 worth this season.

"A great deal depends on the way this fruit is picked and handled to obtain best results. We are very particular in sorting and packing, allowing no imperfect fruit to go into the packages. There is nothing in the fruit line that is as nice to handle as cherries, or that attracts as much attention."

\***Terry Early.** Large, brilliant red, growing darker as it ripens; rich and good. Introduced by the late H. A. Terry, of Iowa. NNCS. Shown in color on inside front cover.

It is all right; worthy of being pushed.—J. M. IRVINE, Editor FRUIT GROWER, St. Joseph, Mo.

\***Dyehouse.** Compared with Early Richmond, it is larger, finer, better quality, smaller pit, and is a full week earlier. NCS. Shown in color on inside front cover.

Superior in growth to Early Richmond, and ten days earlier.—G. B. HEALEY, Woodbury Co., Iowa.

\***Early Richmond.** Clear, bright red and quite acid. Not so desirable or profitable as Dyehouse or the Montmorency group. NNCS.

The better cherries are bound to drive it out.—PROF. L. H. BAILEY, Cornell, New York, Experiment Station.

\***Baldwin.** Of the Morello type; fruit large, almost perfectly round, very dark, yet almost transparent. NCS.

\***May Duke.** Large, rich, dark red, sub-acid—one of the best, most dependable and adaptable of the Dukes. NCS.

\***Timme** Large, rich in juice and flesh; hardy in tree and fruit bud, and a regular bearer. NNCS. Shown in color on inside front cover.

Several varieties bore very fine crops this season, but they fail to do it every season as does Timme.—F. O. HARRINGTON, Iowa Co., Iowa.

\***Black Tartarian Improved.** Large black, heart-shaped, tender, juicy, sweet, of surpassing quality. This is a select and greatly improved seedling of old Black Tartarian, and has been locally known as Deacon. NCS. Shown in color on inside front cover.

\***Windsor.** Originated in Canada. Large, dull red—almost liver-colored. Without doubt the hardest of the sweets; popular east. NCS.

**Governor Wood.** Large, heart-shaped; light yellow, marbled light red, juicy, sweet, rich. An old favorite. NCS.

The Montmorencies. The Montmorencies are the best sour cherries and should comprise three-fourths of all planted. No matter how unfavorable the season, the Montmorencies can be depended upon for some fruit. In canning factories and preserving works, they are wanted by the hundreds of tons. We grow five strains which are kept absolutely pure. These strains have been proven everywhere to be the best.

\***Montmorency King (Ordinaire).** Cannot be too highly recommended for quality and quantity of fruit, hardiness and beauty of tree, and for its never-failing crops. NNCS.

Very hardy; many others winter-killed.—R. J. WIGGINS, Quebec, Can. Less subject to leaf-rust than most sorts.—Iowa Experiment Station.

\***Montmorency Large.** From Dansville, N. Y.; somewhat larger than King, but otherwise identical, but as it ripens later, thus prolonging the season, it is most valuable. Another "Large" from New York has proven worthless. NNCS.

\***Montmorency Monarch.** From the Iowa Experiment Station, where it has made a wonderful record. Distinct from King (Ordinaire), but resembles it closely. NNCS.

\***Montmorency Stark.** From a select tree on our grounds, which uniformly bears very large fruit, larger than any of the Montmorencies. Stronger grower than King, and is our favorite of this group. NNCS.

\***Montmorency Sweet.** Of the regular type but sweeter than any other strain. Always flocked to by the children and birds—both unflinching judges of quality. NNCS.

\***Royal Duke.** Best of the Dukes; we propagate from a select strain in the orchard of Hon. William Cutter, Mesa Co., Col.; large, light red, rich, juicy, tender. In western Colorado, it is the favorite commercial cherry along with the Montmorencies. NCS. Shown in color on inside front cover.

Royal Duke is by all odds the most popular cherry in the Palisade district. The first sold brought between \$4 and \$5 per 30-pound crate this year.—E. P. TAYLOR, Horticultural Inspector, Mesa Co., Col.

\***Paul.** A black cherry of great size and splendid quality from California. Luther Burbank says: "It is the finest shipping cherry I have ever seen." Tree handsome grower and bears regularly. NCS.

\***Bing.** Sweet. One of the most delicious sweet cherries, and on the Pacific Coast is considered one of the most profitable. Seems to succeed east better than most sweets. NCS. Shown in color on inside front cover.

\***Lambert.** One of the largest of all; dark, purplish red, turning almost jet black when ripe. Tree rugged, strong grower, enormous bearer. The growing of the magnificent sweet cherries, Lambert, Bing, Royal Ann, etc., is a great industry quite fairly begun. NCS. Shown in color on inside front cover.

\***Napoleon.** Beautiful and delicious; large, yellow, sweet, with a most attractive bright blush. A magnificent cherry, an excellent shipper and famous as a variety for canning. NCS.

\***Royal Ann.** A magnificent, sweet cherry, pale yellow, with bright red cheek—one of the best of the sweets; a splendid shipper and one of the finest for canning. In the west, is planted by the hundreds of acres, along with Bing and Lambert. NC.

\***English Morello.** Dark red, nearly black; very acid. Tree small, spreading, poor grower and short-lived; not as hardy as Wragg or Suda. NC.

\***German Osteheimer.** Almost black, exceedingly large, heart-shaped; hardy. A rich cherry with less acid than English Morello or Wragg. NNCS.

\***Wragg.** Of the English Morello type, similar in fruit, but larger and slightly more acid. A regular bearer, dwarfish grower, not subject to disease. Suda Hardy most valuable, hardy and longest lived of the Morellos. Plant more Montmorency and fewer of the Wragg-Morello group. NNC.

\***Yellow Spanish.** One of the best light-colored cherries large heart-shaped. NCS.

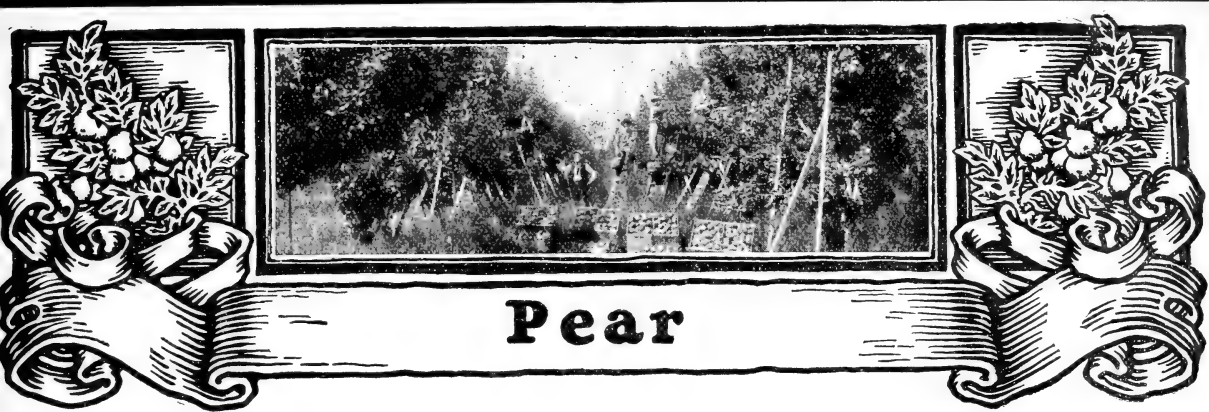
\***Suda Hardy.** A valuable late sort. The old tree in the garden of Capt. Suda, Louisiana, Mo., did not fail a full crop in twenty years. In yield, growth and hardiness surpasses English Morello and Wragg. NNCS.

More vigorous than others of the English Morello type.—Michigan Experiment Station.

\***Schmidt's Bigarreau.** Black, sweet, of great size; flesh dark, tender; fine rich flavor. Pit very small. NCS.



One-year sweet cherry at our Dansville, N. Y., branch. Finer sweets than these cannot be grown



# Pear

**P**EAR production is not in proportion to the demand. There is a vast undeveloped field for the grower who produces pears for his own enjoyment and disposes of his surplus in the home markets, and only in the last few years have orchardists realized the wonderful profits that come from a commercial pear orchard of good varieties. The pear tree will thrive on any kind of land and will bear profitable crops on a shallow soil, but does best on a loose, strong, clay soil. A dressing of coarse manure when the tree is planted is beneficial, but the pear tree requires very little fertilizer as compared with other trees. The young orchard after planting should have several years of clean, thorough cultivation, then it will thrive in sod, especially on richer soil, as the tree is naturally a vigorous grower. Dwarf pear should have constant and thorough cultivation.

**\*Manning Elizabeth.** One of the best early dessert pears; handsome yellow with striking blush. NCS.

**\*Koonce.** One of the largest early pears; golden yellow, bright blush. Large, fair quality—does not rot at the core. Tree hardy, seldom blights. NCS.

**Wilder Early.** Beautiful, excellent quality; widely planted. Greenish yellow, brownish red cheek. Tree hardy, young bearer. NCS.

**\*Alamo.** An early Bartlett originating in Texas; splendid for dessert. Promising in all pear-growing regions. The Bartlett season is greatly lengthened by the acquisition of Alamo, Crocker and Winter Bartlett. NCS.

**\*Stark Tyson.** Larger and better than old Tyson—one of the finest summer pears. Yellow, shaded with russet; splendid quality; very sweet—almost equal to Seckel. Tree hardy, long-lived, very free from blight; we propagate from a select strain grown by Mr. Henry Wallis. NCS.

**Clapp Favorite.** Large, fine-looking; pale yellow with bright blush; juicy, good. Tree hardy, but sometimes blights. NCS.

**\*Snyder.** An old-time favorite. Deep, golden yellow, buttery, rich, smooth (no grit cells); sweet, satisfying flavor. Tree remarkably free from blight—one of the very best summer pears. NCS.

Recommended for quality—splendid summer pear.—FRUIT GROWER, St. Joseph, Mo.

Of all pears Snyder seems the only satisfactory one; most of the others blight or die young.—CAPPS BRO'S, Logan Co., Ill.

**\*Boussock.** Lemon yellow, sometimes a reddish cheek. A popular market sort; bears full every season. Ranks among the best. NCS.

**\*Bartlett Hybrid.** Resembles old Bartlett, but considerably larger; better tree. Will thrive where Bartlett will not stand. Fair hybrid quality, better than Kieffer, not so good as Bartlett. NCS.

**\*Bartlett.** The old favorite; rich golden yellow, often with soft blush; large, thin-skinned, buttery, melting; rich, musky flavor. Tree a strong grower; bears young and abundantly. Probably more highly esteemed for canning and shipping than any other. When planting orchards of standard Bartlett, Dwarf Anjou or Bartlett may be used as fillers, greatly increasing the profit. More attention should be given to growing of late pears for winter market. NCS.

From seventy Stark Bartlett, I sold \$700 worth of fruit last year.—H. C. DAY, Graham Co., Idaho

Bartlett and Flemish Beauty fine—no blight.—R. A. ROLLINS, Flat-head Co., Mont.

**\*Lincoln.** (*True Lincoln of Illinois—not Lincoln Coreless.*) Larger than Bartlett; clear, beautiful yellow, bright cheek—handsome as a pear can be. Quality even better than Bartlett; tree remarkably free from blight. C. H. Swearingen, Henry Co., Iowa, says: "Beside others that blighted badly, Lincoln never showed the least sign of blight. Came through the winter without a dead twig." Buyers should be sure they get the genuine. NNCS.

Trees within 15 feet of Lincoln blighted to the ground; Lincoln did not show a trace.—W. C. WILSON, Rock Island Co., Ill.

You can recommend Lincoln—the only pear that does well with me.—FRED G. DOROW, Turner Co., S. D.

**\*Flemish Beauty.** Pale yellow, light russet, becoming reddish brown. A superb pear; large, beautiful, sweet. In Montana and the N. W. considered one of the best. NNCS.

Comes into bearing early and bears heavily.—PROF. E. P. TAYLOR, Horticulturist, Mesa Co., Col.

Bartlett and Flemish Beauty fine—no blight.—R. A. ROLLINS, Flat-head Co., Mont.

**Colorado Seedless.** Originated near Paonia, Colorado. Large, smooth, attractive, of splendid quality, absolutely coreless and seedless. Originator says: "Tree seems immune from blight; many orchards around me ruined, but this pear shows no sign of it. Came through with its load of pears when Flemish Beauty were killed by frost. Very prolific and always seedless." NCS.

**\*Howell.** Beautiful, large, pale, waxen yellow, fine red cheek—a grand pear; hardy, productive; young bearer. Growers have underestimated it. NCS.

Of good quality, juicy, tender, and for home an excellent pear.—HON. G. B. BRACKETT, U. S. Pomologist.

Splendid in its season and especially good for home use.—PROF. H. E. VAN DEMAN, Ex-U. S. Pomologist.

One of the best old sorts.—HON. SILAS WILSON, Canyon Co., Idaho. Not high grade as Anjou, but smooth and attractive.—C. I. LEWIS, Oregon Experiment Station.

**\*Rossney.** Ripens when good pears are in demand; delicious, handsome. Hardy in wood and bud. NCS.

**\*Bloodgood.** Yellow touched with russet; most highly flavored of all pears. E. H. Riehl of Ill. says it is best. NCS.

**\*Stark Seckel (Sugar Pear).** We grow a select strain from the orchard of E. A. Riehl. For more than a century Seckel has been the standard by which excellence was reckoned, yet one-tenth enough have never been planted; its spicy, honeyed flavor makes it the acme of pear perfection. Tree one of the healthiest and hardiest. Succeeds in all pear regions. NNCS.

Generally admitted to be the richest, sweetest, highest flavored pear known. Probably as little subject to leaf blight, pear blight, root rot, etc., as any other desirable pear. Should be planted more extensively on account of high quality, high value per bushel and general health, vigor and productiveness.—M. B. WAITE, Pathologist, U. S. Dept. Agriculture.

In central New York, for a family pear, Seckel, in its season, is still at the head.—E. P. POWELL, Author ORCHARD AND FRUIT GARDEN.

Bore nicely this season; twenty-five other varieties a failure.—E. H. RIEHL, Illinois Experiment Station.

About the best pear on earth and should be planted far more largely.—H. E. VAN DEMAN, Ex-U. S. Pomologist.

**\*Garber.** Somewhat coarse, but fair quality. Remarkably free from blight; wonderful bearer—like Kieffer. Garber is gone just before Kieffer comes in. Best stock for double working Bartlett. NCS.

# Stark Bro's Nurseries & Orchards Company

A splendid pear to mix in blocks of Kieffer; strong pollen producer.—**PROF. E. P. TAYLOR**, Horticulturist, Mesa Co., Col.

Immensely productive—yellow as an orange. Larger than Kieffer, earlier, better.—**JUDGE S. MILLER** (deceased), Montgomery Co., Mo.

**\*Fame.** Of great excellence; a more delicious pear we never tasted. Strong, very free from blight; hardy, long-lived orchard tree. Fame and Lincoln, both native western seedlings, two of the very best. NCS.

Am greatly pleased with it. Congratulate you on adding so good a pear to our list.—**E. H. RIEHL**, Illinois Experiment Station.

One of our newest pears; of remarkable quality.—**E. P. POWELL**, Author ORCHARD AND FRUIT GARDEN.

**\*Vermont Beauty.** Pale yellow, slight blush; delicious in quality. Hardy as Flemish Beauty. Our Mr. W. P. Stark, on a recent trip through Montana, found Vermont Beauty one of the best there. NNCS.

You need not be afraid to push Vermont Beauty in the northwest. It seems to be blight-proof. Will take its place among our little pears which are so good—like Bloodgood, Tyson, Winter Nelis, Seckel.—**B. A. MATTHEWS**, Marion Co., Iowa.

**\*Beurre Bosc.** We propagate double-worked on Kieffer—makes a better tree. Handsome, high quality. Kieffer and Garber are advocated as stocks for top working by that great authority, Dr. M. B. Waite, U. S. Dept. Agriculture. NCS.

**\*Duchess.** Very young bearing. Large, dull greenish yellow, spotted with russet. A good pear and a dependable tree; especially valuable as a dwarf. NCS.

**\*Comice.** Yellow, faintly blushed crimson; one of the most valuable; luscious, rich; slight perfume. Throughout the west produces more profit than Bartlett and Kieffer—589 boxes of Wenatchee, Wash., Comice sold in New York for \$8 per box. NCS.

Carloads of it have sold at the highest prices ever known. Being later than Bartlett and somewhat similar, there are good reasons for its popularity.—**PROF. H. E. VAN DEMAN**, Ex-U. S. Pomologist.

The best that grows. Have had it thirty years.—**JOHN L. BAIRD**, Suffolk Co., Mass.



Stark Seckel—top notch quality; tree healthy and hardy. Plant this variety—it will please you

**\*Worden Seckel.** Seedling of Seckel—larger, more beautiful, equal quality, longer keeper. NCS.

**\*Rutter.** Unusually large, almost seedless; yellow, netted with russet. Hardy—bearing full when Kieffer killed. NCS.

**\*Durand.** Large, handsome as Bartlett, good quality, almost free from blight. The pear king of Iowa, Hon. B. A. Matthews, recommends for more general planting. NNCS.

**\*Riehl Best.** Discovered by E. H. Riehl, Illinois Experiment Station. Fine grained, rich, juicy, free from grit and entirely exempt from rotting at the core. Large, smooth, excellent; free from blight. An annual bearer. NCS.

The farm on which the original trees stood was owned by a pioneer nurseryman who evidently imported from France a number of varieties, some perhaps without name. Riehl Best trees and several hundreds of other varieties represent the remains of three old orchards planted fifty years ago. Trees of other varieties are ruined with blight while Riehl Best is in perfect health and bears every season.—**E. H. RIEHL**, Ill. Exp. Sta.

**\*Clarksville.** Original tree, now eighty-five years old, was from the nursery of Judge James Stark, the founder of these Nurseries. It is vigorous, healthy, practically free from blight; long season, almost ever-bearing. Dull yellow, juicy, buttery, melting. NCS.

**\*Bezi de la Motte.** Yellowish green, russet dots; buttery, juicy, sweet. Hon. B. A. Matthews of Iowa recommends most strongly. NNCS.

**\*Anjou (Beurre de Anjou).** Large, handsome, greenish yellow, blushed dull red and clouded with russet. With proper care, can be kept until the holidays. Succeeds everywhere and is one of the good things that has been overlooked. Should be a hundredfold more Anjou planted—the markets will take them by the train load. Growers demanding quick returns should plant dwarf Anjou and dwarf Bartlett as fillers in their Anjou orchards. NNCS.

One of the best; worthy of a place in every orchard.—**HON. G. B. BRACKETT**, U. S. Pomologist.

Have known Anjou for over forty years; has always pleased me.—**PROF. H. E. VAN DEMAN**, Ex-U. S. Pomologist.

Commercially, we consider Anjou best. Outsold Bartlett on market from \$2 to \$2.50 per box last year.—**H. G. FLETCHER**, Cashier Grand Junction, Colorado, Fruit Growers' Association.

A half acre on Orchard Mesa yielded more than \$1,000.—**PROF. E. P. TAYLOR**, Horticulturist, Mesa Co., Col.

Not so likely to blight as many varieties.—**CAPT. J. H. SHAWHAN**, Canyon Co., Idaho.

Comparatively free from blight.—**HON. SILAS WILSON**, Canyon Co., Ida. The finest, thriftiest, healthiest, smoothest, most easily shaped and trained of all pears.—**W. N. YOST**, Ada Co., Idaho.

As a money-maker leads all others.—**L. B. WARNER**, Jackson Co., Ore. Next to Bartlett as a money-maker.—**PROF. CLAUDE I. LEWIS**, Oregon Experiment Station.

A combination of Bartlett and Anjou leaves nothing to be desired.—**O. M. BROOKS**, Chelan Co.

**\*Lawrence.** Greenish yellow, marked with russet; sweet and good. Tree rarely blights. NCS.

Deserves more general planting.—**PROF. E. P. TAYLOR**, Horticulturist, Mesa Co., Col.

**\*Theodore Williams (Stella).** Named for the veteran horticulturist who originated it, the late Hon. Theodore Williams, the "Burbank of the Northwest." A seedling of Kieffer, but outclasses it in hardiness, productiveness and quality. Yellowish green; flesh very sweet, juicy and finely flavored. Tree extremely hardy—has stood 40 degrees below zero without injury. NNCS.

Like Seckel—very sweet, juicy, fine flavored. Fruit ripens on the tree, while Kieffer does not.—**AMALIE WILLIAMS**, Douglas Co., Neb.

**\*Patrick Barry.** Pale, greenish yellow, netted with russet. Very popular in California where it originated. NCS.

**\*Easter Beurre.** Yellowish green with some russet, often a dull reddish check; melting, juicy; excellent flavor. Tree has few faults. NCS.

Of excellent quality when well ripened. One of the longest keepers.—**HON. G. B. BRACKETT**, U. S. Pomologist.

One of the latest keepers; on the market when about all others are gone.—**PROF. H. E. VAN DEMAN**, Ex-U. S. Pomologist.

**\*Kieffer.** The pear for the millions east of the Rockies. Large, rich golden yellow, sometimes tinted red, quality fair. Excellent for canning; baked Kieffer delicious. Its size and beauty make it an ever-ready seller. In planting mix about 10 per cent Garber as pollenizers. NCS.

# Stark Bro's Nurseries & Orchards Company

**\*Jones Winter.** Greenish yellow, slightly russeted; rich flavor, good keeper. Tree noted for heavy bearing and freedom from blight. NCS.

Better than Kieffer; has never blighted.—W. E. JONES, Logan Co., Ill.

**\*Winter Bartlett (Oregon).** Just what the name indicates—a winter Bartlett; commands most profitable prices. Originated at Eugene, Ore., where the old tree is still standing. As good as Bartlett, ripens two months later. Do not confuse the true variety with several worthless sorts offered under this name. NCS.

**\*King Karl.** Resembles Clairgeau; more prolific, better quality. Strong grower, precocious bearer, almost free from blight. Plant it commercially. NCS.

A magnificently handsome pear; immense size, good quality, good keeper.—A. BLOCK, the Pear King, Santa Clara Co., Cal.

The best pear for this section.—W. H. SCOTT, Laclede Co., Mo.

Believe it will be to pears what Delicious and King David are to apples.—E. P. McCORMICK, Eddy Co., N. M.

King Karl and Triumph doing fine. Some beautiful specimens this year.—W. A. ELDER, King Co., Wash.

**\*Clairgeau.** Yellowish brown with crimson shading. Planted largely west. We prefer King Karl. NCS.

Does not command as high price as some others, yet is a money-maker.—CAPT. J. H. SHAWHAN, Canyon Co., Idaho.

**\*Triumph.** Resembles Duchess, but superior; one of the best winter pears. NCS.

**\*Crocket Winter Bartlett.** Attractive, late keeper; fine dessert quality. The "Year Book" of the U. S. Department of Agriculture says: "The three thousand trees in the orchard of the originator are free from blight and regularly productive." NCS.

I consider it the finest pear of its season.—O. N. WILLIAMS, Graham Co., Ariz.

**\*Winter Nelis.** One of the most delicious; greenish yellow, slightly russeted. Tree hardy, thrifty, but a straggling grower. Should be double worked on Kieffer, and we so propagate them. NCS.

Probably the best winter pear for Grand Valley planting.—PROF. E. P. TAYLOR, Horticulturist, Mesa Co., Col.

Productive, long keeper, profitable.—L. B. WARNER, Jackson Co., Ore.

**\*Dorset.** Very handsome, about the size of Bartlett; well colored, good quality. Will keep till May. H. H. Dow, the Michigan authority, reports Dorset his best late pear—no blights. NCS.

About the best of any in quality for its season.—PROF. U. P. HEDRICK, Horticulturist New York Experiment Station.

**T**HE dwarf pear is the ordinary pear, grown on a quince root. The quince roots give it a heavy, stocky body which never attains large size, while they bring it into bearing very much sooner than standard pear trees (dwarf pears often bear fruit the second year). It requires less than one-fifth the space necessary for the standard pear tree, while picking and spraying are made very easy. Though the tree itself is a dwarf, the fruit it bears is the same size as that produced by the standard tree, and is borne in large quantities. The planting of dwarf pear is increasing each season, and our propagation has been increased to meet the demand. Our blocks this season are extra fine. We advise their planting as fillers in standard pear orchards; they take up little room and they bring quick profit. Note illustration at bottom of this page.

**\*Manning Elizabeth.** Good either standard or dwarf. NCS.

**\*Clapp Favorite.** A good dwarf, but apt to blight. NCS.

**\*Bartlett.** Fine either standard or dwarf and a profitable filler for standard Bartlett and Anjou. Dwarf Bartletts are being planted by the thousands in all pear regions. NCS.

**\*Howell.** Especially fine as dwarf and is commercially profitable. Makes a splendid filler. NCS.

**\*Seckel.** Succeeds well either standard or dwarf. NCS.

**\*Fame.** Excellent when grown as a dwarf. Also makes a desirable filler for the home orchard; one of the most delicious of all pears. NCS.

**\*Duchess.** Formerly grown almost exclusively dwarf, but standard Duchess are now planted largely. NCS.

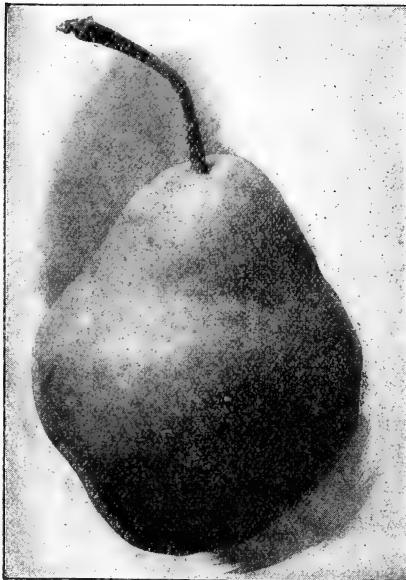
**\*Easter Beurre.** Especially fine when grown as a dwarf; bears very young. NCS.

**\*Anjou.** A great money-maker dwarf that should be extensively planted. When used as a filler in orchards of standard Anjou and Bartlett, it is unexcelled. The filler will pay for the orchard and more. NCS.

**\*Comice.** An especially fine dwarf, the fruit of which invariably commands top prices. NCS.

**\*King Karl.** Has made a great record, both as a standard and dwarf. NCS.

**\*Triumph.** One of the best standard or dwarf. A great pear, one that should be planted in every home orchard. NCS.



Bartlett

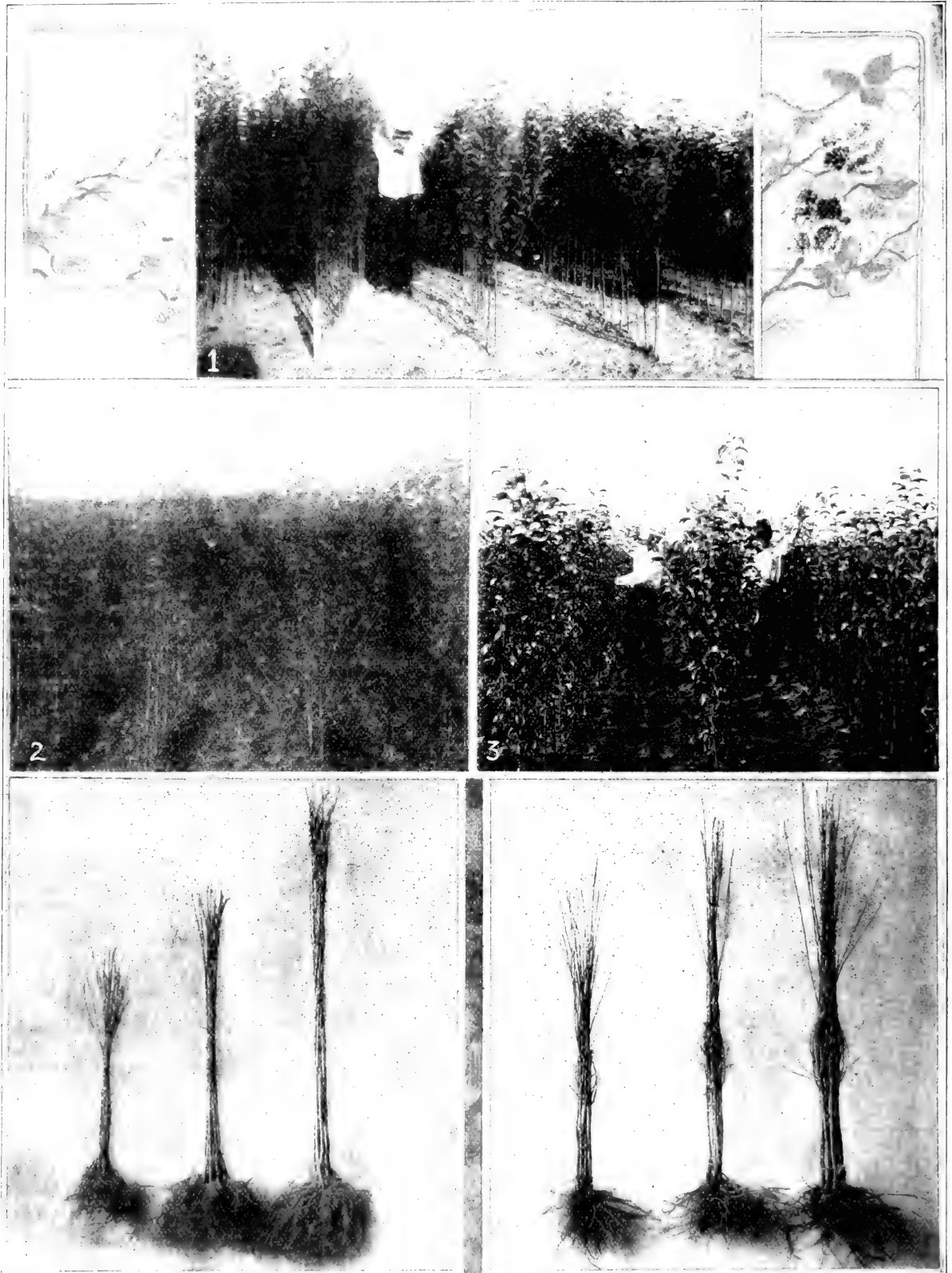


Two year-old dwarf King Karl



Kieffer

# Stark Bro's Nurseries & Orchards Company



(1) Two-year Stark Delicious apple trees growing in our Marionville nurseries on the crest of the Ozarks, where soil and climate are ideal for producing the best apple trees in all the nursery world. (2) Stark Ozark-Mountain-grown apple 2-year, XXX, incomparable in quality. The root system and growth the best that nursery skill and 86 years experience can produce. (3) Dwarf apple on French Doucin stocks, budded 1-year. Splendid for orchard fillers and should go in all orchard collections. (4) Stark Delicious, Ozark grown, grafted 1-year. Prof. Alwood, the great Virginia authority, asked us how it was possible to produce such handsome trees with such a magnificent root system. (5) Two-year apple, Missouri grown, headed low. A splendid orchard foundation.



# Peach

“ONE branch of the peach-growing business has been sadly neglected—the little home markets that dot this great country of ours by the tens of thousands. Every one loves a luscious peach, and nearly all who own land can grow them if they will. And while I would be glad to see from one to a dozen peach trees in every family garden, I fully realize that that happy day is yet a long way off, and therefore there is a great money-making opening for commercial peach-growing in a small way in and around every center of population.

“The little home market orchard may have fifty, a hundred, two hundred or five hundred trees, depending on surrounding population, and should be planted with varieties suitable to climate, and covering the season from earliest to latest ripening kinds. One has little idea how many peaches can be sold to neighbors until they try it. I know of many peach orchardists who annually sell \$500 to \$1,000 worth of peaches to the farmers within easy driving distance of the orchards, and this direct sale is nearly all profit; no freight or express charges to pay, no commissions on sales and no waste of any kind.

“When peaches fully mature on the trees they turn out more bushels, are of better quality, and sell at top prices; customers are satisfied and sales steadily increase. It is a great business opening too long neglected.”—J. H. HALE, “the Peach King of America.”

Freestone varieties have (F) following the name; semi-clings (S-C). All Clingstones have the word “Cling” as part of the name.

\***Mayflower (S-C)**. Gloriously beautiful—“red all over;” tops all home markets. Tree hardy and healthy. Since the acquisition of Mayflower with its remarkable record in the great orchards of the veteran peach-grower, J. Van Lindley, of North Carolina, we have discarded such sorts as Victor, Sneed, etc. Commercially, however, it is not so profitable as Red Bird Cling, which ripens a few days later. NCS.

Red all over; brings fancy prices.—RURAL NEW YORKER.

Beauties for so early a peach; colors beautifully before ripe and will ship O. K.—Dr. E. L. MORRIS, Fayette Co., Tenn.

\***Red Bird Cling**. Earliness, high color and good quality make it very valuable. Creamy white, overspread with bright glowing red; extra large. Tree hardy, holds its foliage late. The first extra early good shipping peach; flesh firm like Heath, far excelling Alexander and other watery sorts. The advent of the really good early peach opens a new field for peach growers, and like early apples, not one-half enough being planted. NNCS.

First good peach to ripen. Looks and quality will sell them.—HALL BRO'S, Maricopa Co., Ariz.

Proved hardy this season when everything but it and Alton were killed.—H. D. MORTON, Pope Co., Ark.

Red Bird Clings averaged \$14.20 per bushel. Finest early peach.—W. A. JEFFERS, Crawford Co., Ark.

Superior to any early peach I have seen.—E. W. KIRKPATRICK, Collin Co., Tex.

\***May Lee Cling**. White, with highly colored cheek; juicy, good—not so well known, but pronounced as good as Red Bird. NCS.

Best of its season; ripens with Alexander, but incomparably superior. For five years Alexander has rotted, and May Lee had perfect crops.—C. C. MATHEW, Texas.

\***Greensboro (S-C)**. Greenish white, shaded and splashed with light and dark red; juicy, good. Very hardy and not so subject to rot as most early varieties. Eureka a few days later and better. Every planter should have some Greensboro, one of the hardiest. NNCS.

\***Acampo (F) (Peacherine)**. Handsome, highly colored, flesh yellow; quality splendid. Originated in California and is valuable. NCS.

\***Triumph (S-C)**. Desirable as a family peach; orange red; unattractive. Extremely hardy. NNCS.

**Eureka (F)**. Large, beautiful, delicious, surpassing in value all others of its season. Incomparably more beautiful, better quality, better tree, better shipper than Hale's Early, to which many growers still cling, not knowing there are better sorts, such as Eureka, Alton, etc. NNCS.

\***Russell Nebraska (F)**. Originated in Nebraska, where it bears heavily every year; large, roundish-oblong, pleasant flavor. Valuable for severe climates. NNC.

Magnificent. My trees are sure bearers.—F. WARNER, Cass Co., Ill.

\***Early Mamie Ross (S-C)**. Yellowish white, red cheek; excellent quality. Seedling of Mamie Ross, but better. The best of all this group. NNCS.

The Mamie Ross group best of all peaches here. Early Mamie Ross is little earlier, larger and finer looking.—FRANCIS E. BURGEXIN, Le Flore Co., Okla.

\***Waddell (F)**. Creamy white with bright blush; resistant to rot; quality good. Satisfactory over a large territory. NCS.

\***Carman (F)**. Not so good as Alton, though pleasant flavor. Large, yellowish white, blushed red; popular. NNCS.

Beat anything on the place this year.—E. H. RIEHL, Ill. Exp. Sta.

\***Alton (F)**. The most dependable peach; magnificent, large, white, with handsome red cheek, better and more valuable than Carman. Flesh white, firm, juicy, melting, with rich, satisfying flavor. Quality very best; one of the hardiest. Reports from all over the country show that it bears where all others fail. Often an extra money-maker when Elberta a failure. In the Yakima Valley, in 1908, commanded more than double the price of Elberta; comes on the market when good peaches are scarce. NNCS.

Have fruited Alton five years—not a failure.—H. D. MORTON, Pope Co., Ark.

Finest eating peach we grow.—HALL BRO'S, Maricopa Co., Ariz.

Sold this summer by the wagon load at \$1.50 per bushel; people simply fought for them.—E. H. RIEHL, Illinois Experiment Station.

Alton loaded; in the next row other kinds did not have one peach.—JAS. GAINES, Vermilion Co., Ill.

A good crop of Alton; do not believe there was another peach in the county.—JOHN A. BUTLER, Montgomery Co., Md.

Last fall sold Alton at 40 cents per dozen.—ELMER GRANDIN, St. Louis Co., Mo.

Alton a full crop; Elberta entirely killed.—H. H. PIPMILLER, Ripley Co., Mo.

Of highest quality; tree among the hardiest.—E. P. POWELL, Author ORCHARD AND FRUIT GARDEN.

Finest early July peach. Sold at 50 cents per dozen.—DR. E. L. MORRIS, Fayette Co., Tenn.

Making a record in Panhandle; best all-round peach.—E. T. RAMSEY, Travis Co., Tex.

So far as Utah is concerned will recommend it.—SUMNER GLEASON, Davis Co., Utah.

# Stark Bro's Nurseries & Orchards Company

\***Oldmixon (F)**. Large, pale yellowish white, flushed and marbled red; fine flavor, profitable. NCS.

\***Uneeda Cling (Improved Chinese Cling)**. Clear white, beautifully blushed; similar, but superior to Chinese Cling. Hardy in tree and bud—beautiful as a perfect Heath Cling. NCS.

Ripens with Mamie Ross, but far superior.—E. A. KIRKPATRICK, Col. lin Co., Tex.

\***Mamie Ross (S-C)**. Creamy white, almost covered with delicate carmine. Early Mamie Ross is unquestionably the best of this valuable hardy group. NCS.

Early Mamie Ross a little earlier than old Mamie Ross; a little larger and finer looking.—FRANCIS E. BURGESS, Le Flore Co., Okla.

\***Ray (F)**. A remarkably strong growing tree. Fruit good quality; excellent shipper. Color white, red blushed. NCS.

\***Hiley (F) (Early Belle)**. One of the finest shippers among early sorts. Large, white, highly colored on sun-exposed side. Commercially proving one of the most profitable. Very hardy. NNCS.

The unparalleled Elberta boom has caused to be overlooked many sorts of great value. In northern peach regions Capt. Ede should have received the Elberta boom—on most markets it passes as a twin for Elberta, is higher quality, hardier. Belle of Georgia is an Elberta in red and white, far hardier. Hiley, another Belle of Georgia, only earlier. In Texas and northward growers are planting fewer Elberta and more Red Bird, Eureka, Alton, Stark June Elberta, Arp Beauty, Hiley, Stark Early Elberta, Worth, Engle Mammoth, Capt. Ede, Illinois, Krummel, Levy Late, etc. The secret of success in fruit growing is distribution. If you can put good peaches on the market throughout the season you need never bother yourself about over-production.—STARK BROS.

\***Stark June Elberta (F)**. Best yellow freestone of its season; surpasses Arp Beauty and comes in when good peaches are scarce; far excels Triumph. NCS.

\***Arp Beauty (F)**. Yellow, blushed and mottled bright crimson; excellent flavor; strong grower, hardy. Popular in Texas and the west. NCS.

\***Yellow St. John (F) (Fleita's St. John)**. Desirable for home use and profitable for market; orange yellow with dark, rich red on sun-exposed side. NCS.

\***Woolsey Nebraska (F)**. Extremely hardy—originated in Nebraska; large, yellow, red cheek; fairly good quality. NCS.

\***Foster (F)**. Very large and handsome, somewhat resembling Crawford Early; excellent quality. Only fairly hardy, but esteemed on the Pacific Coast where hardness is not a vital consideration. CS.

\***Crawford Early Improved (F)**. This strain far better than old Crawford Early and hardier. Large, yellow, bright red cheek. Succeeds best in clay soils. C.

\***Stark Early Elberta (F)**. For a number of years we secured seeds from large orchards of Belle of Georgia, etc., and from them grew trees which we sent out without budding for trial purposes in colder localities. Among a number sent our friend and customer, Dr. Sumner Gleason, Davis Co., Utah, was one that for several years has produced very heavy crops of exceptionally large Elberta, but ripening a week to ten days earlier. This variety was watched closely, as for years growers have wanted a variety with the good qualities of Elberta but hardier, of higher quality and one ripening earlier in order to make a longer Elberta season. Has been tested from New York to California, from Michigan to Georgia, and with the exception of one grower has been highly recommended. Fruit same shape as Elberta, as highly colored, better quality. Tree hardy and is being planted extensively. NNCS.

Beautiful on the outside and delicious on the inside. Ripens about eight days before Elberta.—P. B. DOBY, Clark Co., Ark.

Ripens about ten days ahead of Elberta; the finest peach I ever tasted.—J. F. ANDERSON, Tuolumne Co., Cal.

Two Early Elberta bore more than fifty Elbertas. Ripens with Carman.—E. H. RIEHL, Illinois Experiment Station.

Earlier and larger than Elberta; finest I ever ate.—DR. E. L. MORRIS, Fayette Co., Tenn.

About two weeks earlier than Elberta; brought 50 cents more per bushel.—A. N. NESBITT, Humphreys Co., Tenn.

Early Elberta will prove valuable very far north, as it is hardier here than any other. Wish you could have seen the Early Elberta orchard of A. G. Butcher; trees were loaded. No other peach approaches it in color and quality. Has fruited with me for eight years and is the best yellow peach grown.—DR. SUMNER GLEASON, Davis Co., Utah.

Believe it will supersede Elberta.—A. G. BUTCHER, Davis Co., Utah.

Sells better than any other.—G. H. MEADOWS, Utah.

Two weeks earlier than Elberta and much better.—R. S. NORTHRUP, State Horticulturist, Utah.

Believe it is one of the best varieties since Elberta came. All the good qualities of Elberta and the additional feature of early ripening.—E. H. FAVOR, Assistant Horticulturist, Utah Experiment Station.

Without doubt the most valuable addition to the commercial peach list of recent years.—L. MARSH, Horticultural Inspector, Utah.

\***Mountain Rose**. White nearly covered with light and dark rich red. Splendid quality; popular. NCS.

\***Worth (F)**. Introduced by us many years ago—the finest yellow freestone of the Crawford Early-Reeves favorite type. In bearing as far north as Davenport, Iowa, while planted largely in California. NNCS.

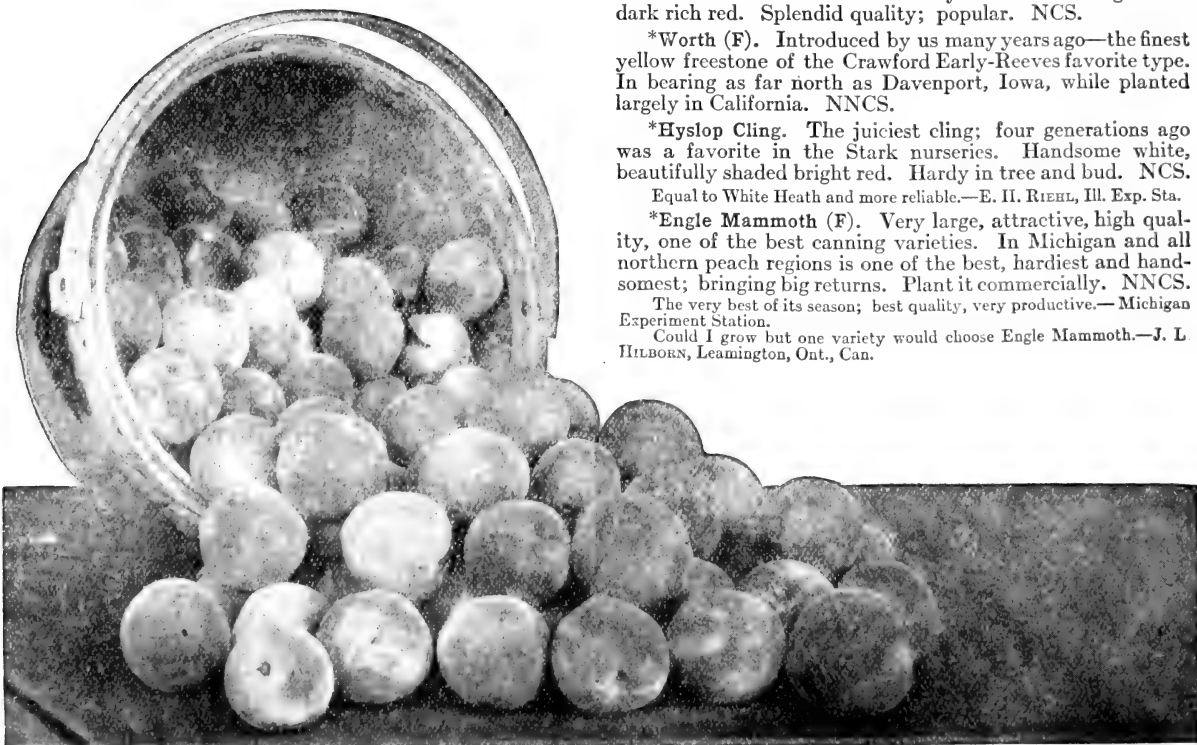
\***Hyslop Cling**. The juiciest cling; four generations ago was a favorite in the Stark nurseries. Handsome white, beautifully shaded bright red. Hardy in tree and bud. NCS.

Equal to White Heath and more reliable.—E. H. RIEHL, Ill. Exp. Sta.

\***Engle Mammoth (F)**. Very large, attractive, high quality, one of the best canning varieties. In Michigan and all northern peach regions is one of the best, hardiest and hand-somest; bringing big returns. Plant it commercially. NNCS.

The very best of its season; best quality, very productive.—Michigan Experiment Station.

Could I grow but one variety would choose Engle Mammoth.—J. L. HILBORN, Leamington, Ont., Can.



Alton—planted largely in all peach regions; a great variety for the home orchard and for commercial planting



**\*Capt. Ede (F).** Resembles Elberta but hardier. The wonderful popularity of Elberta has kept it in the background. When better known it will be wanted. Fine quality; plant commercially, along with Stark Early Elberta, Alton, Krummel, Engle Mammoth, etc. In Pennsylvania planted commercially where too many Elberta not wanted.

Succeeds well wherever tested; a general favorite.—Report Western New York Horticultural Society.

Crop almost a total failure—Captain Ede has fared the best.—O. M. BROOKS, Chelan Co., Wash.

**\*Elberta Cling (F).** An Elberta in appearance, and a handsome clingstone of high quality. Originated at Louisiana, Mo.; profitable. NCS.

Fine market peach; lasts longer than Elberta.—J. W. McANULTY, Ark. From six trees gathered more than 100 baskets; nearly as large as Champion.—S. J. BLYTHE, Buchanan Co., Mo.

**\*Belle of Georgia (F).** A red and white Elberta; a greater money-maker for the masses than Elberta—hardier, more dependable; bearing great crops when Elberta a failure. Greenish white, with blush on sunny side. Very large, showy, good quality. E. H. RIEHL, of the Illinois Experiment Station, considers it one of the best money-makers. NNCS.

A grand peach; never fails or deceives you.—Report Western New York Horticultural Society.

**\*Fitzgerald (F).** Large, bright yellow, overspread with dark, rich red. Valuable North—much prized in Canada and the East; superseding Crawford. NNCS.

**Kalamazoo.** Large yellow, splendid quality; productive, profitable, hardy. NCS.

**\*Elberta (F) (Queen).** The best known and most popular of all peaches and the standard market sort. Large, yellow with beautiful blush; not of highest quality, but tender and good. Rank, vigorous grower, fairly hardy. Lengthen your Elberta season by planting June Elberta, Stark Early Elberta, Late Elberta and October Elberta. Thus you will be enabled to put Elbertas on the market during the entire season. CS.

**Crosby.** Bright yellow, red cheek; sweet, juicy, rich; valuable north because of hardness. NCS.

**\*Washington.** For high quality has been one of our favorites for many years; when in perfection, we know no better peach—not sweet, but exceedingly rich, juicy, luscious. Should go in every home orchard. NNCS.

Old Washington trees have outlived three plantings of assorted peach.—E. H. RIEHL, Illinois Experiment Station.

Flesh firm heavy skin; as a family variety possesses high merit.—J. W. KERR, Caroline Co., Md.

**Stump.** Large, creamy white, bright cheek; juicy, good quality. Somewhat resembles Oldmixon. Popular east. Illinois and Washington far better quality. NCS.

**\*Chilow Cling.** A lemon cling. One of the best all-round, yellow clings; large, rich yellow, shaded soft red. An excellent shipper. CS.

**Muir.** Originated in California and a great favorite there; light yellow, seldom showing red. Superior for canning and drying. CS.

**\*Frances.** Handsome yellow, washed and striped crimson; vigorous, heavy bearer, hardy. Resembles Elberta in growth, fruit about the same quality; an excellent sort to follow Elberta. CS.

Ripens just after Elberta—a valuable point in its favor.—E. H. RIEHL, Illinois Experiment Station.

**\*Crothers Late.** One of the best late white peaches. Creamy white with bright blush—very handsome. Tree vigorous and hardy. NNCS.

**\*Longhurst (Improved Hill's Chili).** Yellow, colored bright red; good quality; hardy, productive. NNCS.

**\*Idaho Mammoth.** Deep rich red, enormous size; delicious. Originated in Idaho. Hardy, regular bearer, prolific. Major Manning, the originator and Idaho authority, recommends it with confidence. NCS.

**\*Crawford Late Improved.** Large, very handsome, fairly hardy. Later, surer bearer, larger, finer quality and hardier than the old strain. CS.

**\*Niagara.** Originated in New York; resembles Elberta, but better quality. One of the best of its season. NCS.

**\*Chair's Choice.** The very best of the Crawford family; color deep yellow, with brilliant red cheek; strong grower, abundant bearer. NCS.

**\*Wallis Best.** From the experimental grounds of Henry Wallis, St. Louis Co., Mo.; a seedling of Elberta and like its parent in vigor, growth and productiveness; hardier, much higher quality. NCS.

**\*Champion.** Should go into every collection. Large, creamy white, light blush. Extreme hardness and splendid quality make it a favorite. Of its type and season has but one superior—Illinois. NNCS.

**\*Illinois.** High quality; large, beautifully marked bright red, remarkably free from rot. In quality and beauty excels Champion. Originated near North Alton, Ill. Undoubtedly a Stark Heath-Washington cross, combining the many good points of its excellent parentage. NNCS.

Far superior to anything in its class. Compared to Champion, is hardier, better quality.—E. H. RIEHL, Illinois Experiment Station.

Alton is good but can't compare with Illinois in productiveness or quality.—B. O. BOGERT, Bergen Co., N. J.

**\*Yates Early Heath Cling.** Ripens ten days to two weeks earlier than Heath Cling—more round, more tender. NCS.

**\*Banner.** Yellow with deep crimson blush—excellent quality. It is claimed will bear large crops farther north than any other. NNCS.

Not quite as large as Smock, but better quality. Tree thrifty, hardy, productive.—Michigan Experiment Station.

**\*Edgemont Beauty.** Similar to Crawford Late, but larger, better, hardier, better bearer. West Virginia's great orchardist, Mr. Miller, personally recommended it to us as the best of the Crawford Late group. NCS.

**\*President Lyon (F).** Uniformly large, overspread with red; quality strictly first class; very hardy. Better than Crawford Late. One of the splendid peaches often overlooked. NCS.

**\*Lemon Cling.** Large, lemon-shaped; beautiful light yellow, blushed red, fine canning and preserving peach. NCS.

**\*Lovell.** A favorite in California; fine for canning or drying; firm; rich, excellent. CS

**\*Marionville Cling.** The never-failing peach; white with light blush, excellent Heath quality, medium size; resembles Mammoth Heath. Has not missed a crop in seven years at Marionville, Mo. NCS.

**\*Sea Eagle Improved.** White fleshed; of high quality, great beauty and enormous size—much superior to old Sea Eagle. It came through the early freeze of 1909 without injury though Elberta and others suffered badly. One of the very best for Colorado, and may be planted far north of the usual peach belt. Comes at a season when good peaches are scarce. NNCS.

**Tuscan Cling.** A favorite in California; medium to large, red blushed, flavor good; tree vigorous, strong grower. Commands high prices. CS.

**\*Late Elberta.** Identical with Elberta in size, color, shape and quality, but ripens a month later. NCS.

**Phillips Cling.** A fine medium-size, small-pitted, yellow cling of good quality. Popular in California. CS.



Stark Early Elberta

**Smock Improved (F)** (*Geary Hold-On*). Large, yellow, mottled red; moderately rich, juicy, good. Plant fewer Smock and more Krummel. CS.

**\*Klondike (F)**. White, largely covered with brilliant red; most beautiful; quality very best. Hardy, productive. NCS.

**Golden Sweet Cling**. Originated near Fort Smith, Ark. The most delicious, juiciest, sweetest, best cling we know. Beautiful, attractive, excelling all lemon and orange clings. Worthy of generous trial in all peach regions. NCS.

**\*Mammoth Heath Cling**. Unexcelled for canning and preserving. Large, creamy white, splendid quality. Always commands fancy prices. NCS.

**\*Stark Heath Cling**. In our orchards one of the finest of the Heath strain; also a favorite in the pioneer orchards of Judge James Stark. Sells at \$3 to \$4 per bushel on home markets. NCS.

**\*Salway (F)**. Well known, popular; dull yellow, mottled brownish red. In southern California and other peach regions, Krummel is crowding it out; better, yields more dollars. NCS.

**\*Holsinger Salway**. An improved Salway from the orchard of Major Frank Holsinger of Kansas. Valuable. NCS. Believe this the best out of the hundreds I have developed. Much resembles Elberta and ripening when it does will be very valuable. Have forty-nine Salway seedlings twenty-one years old, but this one is far the best.—MAJ. FRANK HOLSINGER, Wyandotte Co., Kan.

**\*Wallis Heath Free (F)**. Immense size; quality best; flesh cream yellow, with a touch of pink. St. Louis markets pay an extra price for it. Henry Wallis, the originator, one of the most practical experimenters in the country, says: "My best late peach; its fine quality, hardness, vigor and great productiveness will always make it a favorite." NCS.

**\*October Elberta (F)**. Averages somewhat larger than Elberta—and better. Splendid, productive tree. NCS.

**\*Martha Fern Cling**. Large, handsome; faint pink blush suffusing all the surface; good quality. Originated in Pike Co., Mo., where it has created a sensation—specimens weighing 18 ounces. NCS.

**\*Krummel October (F)**. The best money-making late peach; larger, higher color than Salway. On St. Louis markets has always commanded higher prices. Large, almost round, deep yellow with a dark carmine blush; very firm, fine texture, free from bitterness and extremely hardy. One of the best peaches south, and in California none has proven more profitable. In Washington it is a gold mine. Tennessee reports it their most profitable late peach. NCS.

Very fine peach—better than Salway.—J. B. PETERSON, Sonoma Co., Cal.

By far the best late peach.—HALL BRO'S, Maricopa Co., Ariz. Has proven better than Salway.—ROBERT PORTER, Santa Clara Co., Cal. The best paying peach I know.—N. WATERHOUT, St. Louis Co., Mo.

**\*Levy Late Cling (Henrietta)**. Deep yellow with a shade of brownish yellow; of great size and beauty. NCS.

**Hill's Chili**. Large, yellow and red; flesh rather dry, but good. Tree hardy, good bearer. NNC.

**Bilyeu**. Large, white, red blush; sweet; good shipper. Profitable in West Virginia, will not mature north. S.

**\*Bonanza**. Very large, white, sometimes slightly blushed; firm, fine grained, desirable. CS.

Apricot

**T**HE apricot ripens a month or more before the best early peaches, which explains the reason for the great demand and prevailing high prices. Aside from its value as a fresh fruit the apricot has a fixed place on the list of fruits for drying and canning, for which purposes vast quantities are used every year. Best results are secured in the far west, yet the hardy Russian varieties, such as Stella, Superb, Early May, etc., thrive and are profitable in nearly all peach regions.

**Early May**. Russian; of good size and good flavor; tree hardy, vigorous. A favorite south, particularly in Texas, where it is planted largely. CS.

**\*Superb**. Another Russian. A hardy variety from Kansas. Quality excellent. May be grown successfully in all peach regions. NNCS.

**\*Royal**. Large, dull yellow, mottled dark brown, juicy, rich, highly flavored. A favorite for canning and drying. CS.

**\*Harris**. Succeeding in New York and the Virginias. In Washington considered one of the best. Bright yellow with red cheek, juicy, good quality. NCS.

**\*Tilton**. One of the most dependable; late bloomer, hardy, productive. Splendid quality. NCS.

**\*Hemskirk**. Large, beautiful, orange with red cheek, rich, luscious, fine quality. Resembles Moorpark. NCS.

**\*Blenheim**. One of the favorite commercial varieties of the Pacific Coast. Color deep orange, sometimes slightly blushed. NCS.

**\*Moorpark**. The standard of excellence; deep yellow, blushed red if exposed to the sun; firm, juicy, richly flavored. Very productive. NCS.

**\*Wenatchee Moorpark**. In wonderful demand throughout the western orchard regions. In the Wenatchee Valley of Washington, where it originated, it is being planted by the thousands. Of the Moorpark family, yet is distinct and superior. We propagate this famous apricot from a select strain. NCS.

Wenatchee Moorpark is the only one we can raise and sell here: thick flesh, small seed, fine quality, and good canner. It is far superior to all other varieties.—M. HORAN, the Apple King, Chelan Co., Wash.

Wenatchee Moorpark is a distinct variety, a large apricot, and a fine shipper. It is a prolific bearer, and ripens evenly all over; other apricots will be ripe on one side and green on the other. Trees are very hardy, and had fruit on them this year when all others failed. They are far harder than any other apricot.—OSCAR PIKE, Chelan Co., Wash.

Far above any other variety I have seen in size, and I don't believe it can be excelled in flavor after canned. Trees bear heavy and regularly and make enormous growth. You will not make any mistake if you promote the Wenatchee Moorpark.—C. A. LEEDY, Chelan Co., Wash.

Wenatchee Moorpark is the only apricot—have grown them the size of Elberta peaches. When fully ripe they are as fine as any apricot grown, and bring from \$10 to \$30 a ton more than any other sort; hardy, heavy yielders, and regular in bearing.—F. DANDO, Chelan Co., Wash.

**Alexander (Russian)**. Orange yellow, spotted red; sweet, juicy, good; tree prolific, hardy. NCS.

**\*Colorado**. Large, handsome, good. Tree a heavy bearer and hardy; one of the best. Prof. Halverhout reports bearing fine crops in Colorado. NCS.

**\*Stella**. A production of the late Theodore Williams, of Nebraska. Unsurpassed for productiveness, size and color. The hardiest apricot known, but in the favored valleys west of the Rocky Mountains we advise planting Royal, Blenheim, Tilton, Colorado, Moorpark, etc. Plant Stella and Superb where hardness is the great consideration. NNCS.

Hardier than most apples, peaches, pears and plums—the Duchess Oldenburg among apricots. Stella has gone on growing full crops while every other sort we planted has been killed by our strenuous climate. Has borne a crop after a winter of 40 degrees below zero.—THEODORE WILLIAMS, Nebraska, Originator.

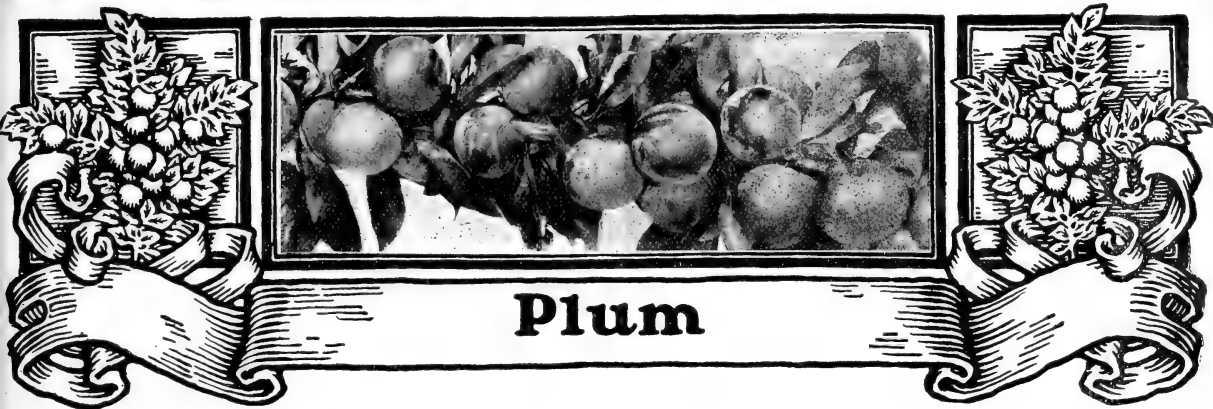
Nectarines

**Red Roman**. Large, roundish, greenish yellow, reddish brown cheek. Rich, firm, high flavor. CS.

**Boston**. Bright yellow, deep red cheeks; flesh yellow to the stone; pleasant flavor, good quality. CS.



Wenatchee Moorpark Apricot



# Plum

**T**HE plum is of remarkable adaptability over a wide range of territory and generously productive under nearly all conditions. Probably no other tree will fruit more abundantly, unless it is the cherry, and like the cherry it will yield crop after crop in spite of neglect, yet is responsive to good care and modern methods. Generally speaking, the plum does best in a sandy or clayey, well-drained loam soil, although many varieties in the four classes of plums hereafter listed have their individual soil likings, yet do not insist on them to produce bountiful crops. They are divided into four classes: Hybrid, Japanese, Native and Domestica or European.

## Hybrids

**\*Shiro.** Pure transparent yellow; quality exquisite—a honeydrop. Should go into every plum orchard. Originated by Luther Burbank. NCS.

Eight-year-old trees yielded 800 pounds each.—HALL BRO'S, Maricopa Co., Ariz.

A combination of Robinson, Myroholan and Wickson, but a stronger grower than any of the three. Clear light yellow, so transparent that pit can be faintly seen; will keep a month.—LUTHER BURBANK, Cal.

Sold better locally than any other plum.—F. F. M., Indiana, in RURAL NEW YORKER.

**\*America.** This and Gold are the best two plum creations of Mr. Burbank for territory east of the Rocky Mountains. America is as beautiful as a plum can be, and one of the most dependable; large, glossy, coral red, almost proof against rot and insect attack. NNCS.

**\*Gonzales (H).** Clear, bright red, showy, handsome, fine; valuable. CS.

**\*Omaha.** Originated by the late Theodore Williams of Nebraska. Large, coral red, very handsome; flesh rich yellow, firm, juicy, highly flavored, splendid quality. Tree one of the hardiest and most dependable. The originator says: "No other plum in existence is as cosmopolitan as Omaha. It fruits from Alberta south to the Gulf; it thrives in Vermont, and has been tested west to the Pacific." We are propagating it by the tens of thousands, believing it to be one of the most dependable of all plums. NNCS.

The fruit as we have had it here averages larger than Stoddard or Wolf, and is much better quality. On account of large size and good quality I regard it as worthy of further testing.—PROF. A. T. ERWIN, Iowa Agricultural College.

Among my plums Omaha has made the best showing, has ripened its wood well and is in good condition to go through the winter.—A. N. ALLEN, Orleans Co., Vt.

**\*Gold.** Luther Burbank's first great origination in plums, and was his first choice from among twenty million native, hybrid and crossbred seedlings. He has produced many plums since, but not one that equals Gold. Light transparent, golden yellow, almost wholly overspread with a beautiful blush, one of the handsomest plums in existence. Succeeds best on moderately dry, thin or clay soil. Fruit should not be picked too soon, but allowed to remain on the tree until highly colored, when it is most delicious. Fruited in practically every state in the Union. NNCS.

Has not failed in twelve years; hardy, long-lived.—JOHN W. RAY, Montgomery Co., Ala.

Finest plum ever planted here.—T. H. BLACK, Johnson Co., Ark.  
Best plum I have out of twenty varieties.—J. GIBSON, Vermilion Co., Ind.

Good crop, though freezing temperature while in bloom.—JOHN A. MINGER, Nemaha Co., Kan.

Finest I have ever seen.—ROBERT WARREN, Muhlenburg Co., Ky.

Gold, America and Shiro loaded again; hard to say which is best.—W. H. SCOTT, Laclede Co., Mo.

Some as large as a small peach. Bring fine prices.—C. M. FETTE, Marion Co., Mo.

The kind to have—frost-proof.—CHAS. H. SIKES, Siesta Co., N. M.

Has proven very hardy north.—E. P. POWELL, New York.

For jellies and preserves, nothing equals it.—E. S. NEAL, Wilson Co., Tenn.

Nothing compares with Gold; a flavor of fresh honey. The best plum the earth produces.—T. E. KEITH, Shackelford Co., Tex.

Hardy as the hickory.—H. FLOYD, Winnebago Co., Wis.

**\*Stella.** Another of Theodore Williams' hardy plums. Beautiful, dark purple, very large, highest quality; tree enormously productive. In Stella, Omaha, Freestone Goose and Late Goose, Mr. Williams has given the world four of the finest, dependable, hardy plums. NNCS.

Stella magnificent here—one of my finest plums.—DR. E. L. MORRIS, Fayette Co., Tenn.

## Japanese

**\*Earliest of All (J).** Profitable because of extreme earliness. Solid red, good cooker; hardy, sure bearer. One of the few Japs proving hardy in Canada. NNCS.

**\*Red June (J).** Named and introduced by us about twenty years ago. Dark, coppery red; tree healthy, hardy, sure cropper—the most valuable Jap commercially. NNCS.

Fine color, good flavor, firm flesh, fine keeping qualities, freedom from rot, late blooming and abundant fruitfulness make it one of the most desirable plums.—PROF. F. S. EARLE, Alabama Experiment Station.

Fruited perfectly this year—one hundred and sixty-five miles north of Toronto.—FRED J. CULYER, Canada.

Has not failed in seven years.—JOHN COTLE, Washington Co., Ohio.

**\*Abundance (J).** One of the most popular of all the pure Jap plums; large, cherry red, firm, sweet, excellent. NCS.

Good bearer and good quality.—HALL BRO'S, Maricopa Co., Ariz.

Came through the freeze better than any other Jap.—Mich Exp. Sta. One of the best Japanese sorts.—Ohio Experiment Station.

**\*Burbank (J).** Always brings profitable prices, but subject to rot unless thinned and sprayed. Large, round, mottled red and yellow. NCS.

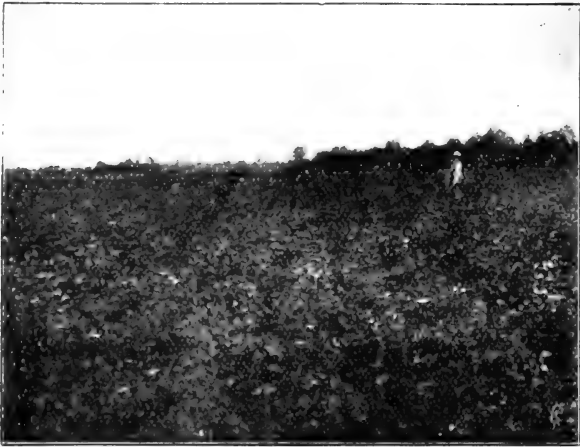
Generally need thinning, enormously productive.—PROF. L. H. BAILEY, Cornell University.

**\*Orient (J) (Chabot).** Very large, resembling Burbank, but better. Tree strong, vigorous, hardy, sure bearer. NNCS.

**Wickson (J).** Oblong, pointed, glowing carmine with heavy white bloom. One of the largest plums. CS.

**\*Satsuma (J).** Popular far west, where it is grown commercially to the height of its perfection. Large, purplish crimson; excellent quality, small pit. Purple Flesh is harder. CS.

**\*Purple Flesh (J).** One of the very hardiest Japanese varieties. Succeeds far north where Wickson and many Japs a failure. Fruit large, handsome, high quality. NNCS.



Portion of a block of two-year grape at our North Girard, Pa., branch

## Natives

**\*Milton (N).** Thin-skinned, red, firm, juicy, sweet, satisfying; an improved Wild Goose but even better. NCS.

Seedling of Wild Goose and a successful commercial variety.—Prof. WAUGH, Vt.

**\*Wild Goose Improved (N).** Bright red, very sweet and juicy. This strain is superior to old Wild Goose; fruit larger; tree healthier. NCS.

More prolific, larger, better than old Wild Goose.—SAMUEL ALLEN, Jefferson Co., Kan.

The difference between old Wild Goose and the Improved is well established.—Dr. J. T. WHITAKER, Tex., Originator.

**\*Poole Pride (N).** The most valuable of the Chickasaw type; light crimson, delicate bloom—delicious for preserves and jellies. NCS.

Quality good, tree productive.—Prof. WAUGH, Vermont.

**\*Muncy.** An improved Poole Pride, which was sent by us to Texas, in a Poole Pride orchard. It may prove to be a variation of Poole, but is pronounced decidedly superior; has all the good qualities of Poole and is larger. Tree wondrously productive and is worthy of extended planting. NCS.

A very large Poole Pride that gets ripe about seven to ten days earlier.—D. J. MUNCY, Floyd Co., Tex.

**\*Hammer (N).** Dark red, juicy, good quality, productive. Should receive more attention. NNCS.

**\*Freestone Goose (N).** An improved Wild Goose from Theodore Williams, of Nebraska; large, dark colored; very hardy. NNCS.

**\*Terry (N).** The best of the productions of the late Hon. H. A. Terry, of Iowa; should be planted commercially; handsome red. NNCS.

One of the finest. At this season will outsell any other.—E. H. RIEHL, Illinois Horticultural Society.

**\*De Soto (N).** Oval, medium sized, orange colored, almost overspread with crimson; of iron-clad hardness. NNC.

**\*Late Goose (N).** Valuable because of size, beauty and quality; excels De Soto and Forest Garden. Originated by Theodore Williams. NNCS.

**\*Mathews (N).** Dark red, unexcelled in its spicy quality and richness. NNCS.

## European

**\*Tatze (D).** Of the Lombard type; hardier, larger, darker, finer quality. A favorite in Iowa. NNC.

**\*Bradshaw (D).** Handsome, bluish purple; juicy, good. NC.

**\*Lombard (D).** East of the Rockies one of the best Europeans; splendid quality, hardy, vigorous, prolific. NC.

**\*Missouri Green Gage (D).** Delicious, greenish yellow, nearly twice as large as old Green Gage; tree better, stronger. NCS.

**\*Black Diamond (D).** Magnificent dark purple—almost black. Of great size, incomparable in beauty and attractiveness, and always commands fancy prices. Tree hardy, vigorous and a good bearer; reaches its perfection in Colorado where it is very profitable. NC.

**\*Imperial Gage (D).** Large, pale green, tinted yellow; juicy, delicious, rich. Tree vigorous, hardy, productive. NC.

**\*Yellow Egg (D).** Light yellow; good quality—very handsome; productive, hardy. NC.

**\*Pond Seedling (D).** Large, light red, showy, moderately rich and juicy; bears abundantly. NC.

**\*French Prune (D).** The ideal commercial prune. Sweet and rich. Succeeds wherever the Europeans grow. NC.

**\*German Prune (D).** Excellent for dessert or preserving; very large, dark blue, dense bloom; much prized. NCS.

**\*York State Prune (D).** Handsome dark purple, similar to Italian. NC.

**\*Italian Prune (D) (Fellenburg).** Dark purple with dark blue bloom; oval, pointed, tapering. Flesh juicy and delicious. In the west is grown by the thousands of acres. The prune of commerce. NC.

**Morganhill Prune.** From California; juicy, delicious, handsome, ideal quality; highly prized west. NCS.

**\*Damson Free (D).** Withstands rough handling and is always profitable. Most dependable; bears enormous crops; little affected by insects or disease. NNCS.

**\*Damson Shropshire (D).** Medium size, dark purple, juicy, rich. Succeeds well south. CS.

VERMONT. One of the best Damsons.—Prof. WAUGH.

**\*Damson Majestic (D).** Earliest and largest of all Damsons; good quality. A perfect freestone. NCS.

ILLINOIS. Regard it as the best of its class.—E. H. RIEHL, Ill. Exp. Sta.

**\*Grand Duke (D).** Very attractive, large, dark, rich purple, always commands good prices. NC.

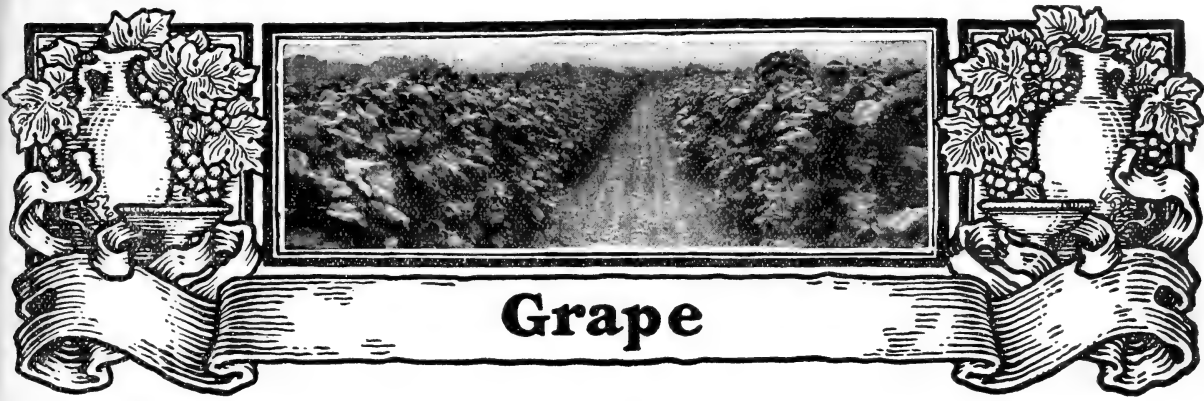
Regarded by many as one of the best late shipping plums.—Prof. WAUGH, Hampshire Co., Mass.

**\*Reine Claude (D) (Bavay Green Gage).** Greenish yellow, spotted with red, the housewife's ideal plum. Quality is perfection. NCS.

The most delicious fruit a man ever put into his mouth.—Geo. L. MULFORD, Chemung Co., N. Y.



Four-year-old Satsuma tree in a Washington orchard



"AS delicious to the taste as they look, with berries plumped with their treasures of tender pulp and nectar, they invite every appetite to a repast that never cloy and never surfeits; equally harmless to the old and the young, the sick and the well. And as if this were not enough, they appeal to the eye with a variety of colors—black, purple, pink, red, bronze, white and green—so that the most fastidious may find his choice and desire nothing further. Wherever you go, north, east, south and west, whether on hill or in valley, on poor soil or rich, you will find the grape generously giving of its bounty and loyal to its master whether he give care or neglect. Our word is, if you plant but one fruit, plant the grape. Nothing is better for the money, nothing quite so sure to grow, nothing quite so sure to bear, nothing quite so sure to please every mouth. Plant it wherever you can find a spot six inches square. It has its likes, but it never insists on them. With its roots in any odd nook, you can lead it away in any direction to provide a grateful shade for a restful seat."—PROF. L. R. JOHNSON, Cape Girardeau, Mo., grape specialist.

**\*Stark Eclipse (Trade-Mark).** Earliest, most profitable black. Of the Concord type, but far better. Quality absolutely best—sweet, highly flavored soon as colored. Berry does not crack in wet weather; hangs well long after ripe; a good shipper. Vine hardy, healthy, vigorous with exceptionally good foliage. Stark Eclipse, Stark King Philip and all other kinds should be planted with other varieties for cross-pollination. Everything considered, Stark Eclipse stands at the very top of the list of early grapes and should be planted commercially in all grape regions. NNCS.

Bunch and berry smaller than Concord, sweet and highly flavored as soon as colored, does not scatter from bunch or crack from wet weather. Vine healthy, exceptionally good foliage. Needs cross-pollination. Earlier than any other variety known to me and of very best quality—E. A. RIEHL, Originator, Illinois Experiment Station.

*Very best early grape.* Unlike others it is good to eat soon as it begins to color. Most vigorous vine, holds its strong foliage until severe freezing weather which insures hardiness. Does not crack, and so far has not shown any rot with me, though not sprayed.—E. H. RIEHL, Illinois Exp. Station.

*The best early grape* produced in this country so far as I have been able to learn from fifty years' experience and testing more than one hundred and fifty varieties. Good grower, fruits abundantly, and the quality is A-1. Have watched it closely ten years; the more I see of it the better I like it. The earliest grape I have ever seen.—Geo. W. ENDICOTT, Pulaski Co., Ill.

Have Eclipse and have tested its fruit; it is fine and very early. The vine seems hardy with splendid foliage.—HENRY PURFIELD, Washtenaw Co., Mich.

Fruited at this station for several years. Very similar to Concord, differing chiefly in earliness and in a higher degree of quality.—O. M. TAYLOR, Foreman in Horticulture, New York Experiment Station.

Equal of Green Mountain in quality, and the earliest grape in the list of one hundred and sixty varieties.—RURAL NEW YORKER.

*Foliage equal to Concord,* a week earlier than Moore Early; the best early grape to date. Every grower around here who has tested it agrees that it is a first-class early grape.—F. B. LEWIS, Chautauqua Co., N. Y.

Am enthusiastic over Eclipse. Believe it the most valuable of its season.—THOS. F. RIGG, Horticulturist, Hardin Co., Iowa.

**\*Green Mountain.** Greenish white, sweet, excellent; bunch small and compact. Quality unexcelled; should go in every collection. NCS.

**\*Campbell Early.** Of the Concord type, but much earlier, larger, better quality. The introducer says Campbell Early bears about three times as much as Moore Early. F. B. Lewis of Chautauqua Co., N. Y., who knows more about its introduction than any other man save the introducer, says it is

destined to be one of the most valuable commercial sorts, and that it should be extensively planted everywhere. Vine strong, vigorous, hardy, with thick, healthy, mildew-resisting foliage and perfect self-fertilizing blossoms. We are growing and recommending its planting by the thousands. NCS.

**\*Early Ohio.** Black, fair quality, resembles Concord; Stark Eclipse far superior. CS.

**\*Little Wonder.** Light yellow, pure flavored, exquisite Delaware quality. Bunch large and handsome; vine hardy. Will more than please the amateur and surprise the connoisseur. NCS.

**\*Moore Early.** Similar to Concord, but larger. Vine healthy and hardy, thriving wherever Concord will grow. West, as well as east, planted heavily and from a profit standpoint should be planted even more largely. NCS.

**\*Early Victor.** One of the very best early grapes—no foxiness. Does not keep well; for market, Stark Eclipse, Campbell Early, etc., far superior. NCS.

**\*Lutie.** Rich red—good everywhere; a favorite in the New York grape belt; succeeds better south than nearly any other. Seldom rots, always dependable. NCS.

The grape for the masses—will bear a full crop when others fail. Don't hesitate on Lutie.—E. H. RIEHL, Illinois Experiment Station.

**\*Lucile.** Dark red, fair quality; in vigor, hardiness, and productiveness is surpassed by none. NCS.

**\*Stark King Philip (Trade-Mark).** Originated by N. B. White, Norfolk Co., Mass., "the Burbank of the Bay State." A hybrid of the Labrusca, Riparia, and Vinifera—best three to combine for a table grape. Tender, fine grained, vinous, sprightly, sweet, refreshing. Its strong, magnificent growth unexcelled; an arbor grape. Mr. White describes it as follows: "Hardy, early, vigorous; has so far withstood New England winters without protection and is as free from mildew as Concord and Worden. The fruit resembles Black Hamburg. It seldom has more than one seed and is perfectly tender to the center." Hon. G. B. Brackett, U. S. Pomologist, says it is perfectly hardy in Massachusetts and that he has great faith in it. No variety we have ever introduced has impressed us more favorably. A marvelous and wondrous grape, worthy of the attention of amateurs, connoisseurs and commercial growers everywhere.

Stark King Philip should go into every home collection and commercial vineyard. All varieties of grape, apple, pear, etc., will be more productive, finer, when several varieties are planted for cross-pollination. Our faith in the Stark King Philip is shown by our investment. NNCS.

Planted early and made fine growth before the great freeze in April. All new growth in other vines (twenty-eight varieties) was killed back to old wood, and in some varieties vines were killed to the ground. King Philip came through with nothing but a few leaves destroyed.—THOS. F. RIGG, Horticultural Experiment Station, Hardin Co., Iowa.

Blossoms late—escaping late frosts; ripens early—escaping early frosts. Has come through this winter without protection though a trying one—sudden changes from very warm to very cold. No other grape approaching it in quality will grow as far north.—N. B. WHITE, Originator, Norfolk Co., Mass.

Believe it the very best black grape grown. Have known it since its origin; have watched its development and rejoice with you over its great merits. Vine vigorous, hardy, very productive. Quality superb—the very best.—ABEL F. STEVENS, Grape Specialist, Norfolk Co., Mass.

# Stark Bro's Nurseries & Orchards Company

Has been in our vineyard for the past three years. Quality excellent.—F. C. SEARS, Massachusetts Agricultural College.

Fruited past three years; is perfectly hardy; good keeper. Has a great future.—Report of Committee on Gardens, Massachusetts Horticultural Society.

The strongest, most vigorous foliage of any grape I have come in contact with.—F. B. LEWIS, Chautauqua Co., N. Y.

Certainly a magnificent quality grape.—N. O. BOOTH, Horticulturist, Agricultural and Mechanical College, Stillwater, Okla.

**\*Brighton.** Large, delicious, sweet, red. Thrifty, strong grower, but should be planted with other sorts, such as Diamond, etc., for pollenization. NCS.

**\*Wyoming Red.** Sweet and agreeable; vine strong grower, hardy, healthy, productive. NCS.

**\*Elvira.** Greenish white, slightly tinged yellow, good quality; healthy, vigorous, hardy; productive. NCS.

**\*Diamond (Moore Diamond).** Delicate greenish white, rich yellow tinge—one of the most satisfactory; hardiness, vigor, productiveness make it ideal. NCS.

Healthy, vigorous, perfectly hardy; 24 and 26 degrees below zero and not a bud injured.—SAMUEL MILLER, late Pres. Missouri State Hort. Society.

**Delaware.** Small, light red; hardy, but requires rich soil, good care and high cultivation. Perfection in quality. NCS.

**Brilliant.** A Lindley-Delaware cross; berries large, light red; handsome, melting, delicious. NCS.

**\*Woodruff Red.** Handsome, showy; large bunch and berry; fair quality. Hardy, vigorous, good bearer. Like Lutie and Lucile, bears when many sorts are failures. In Kansas the best red. NCS.

**\*Worden.** Thoroughly tested, dependable, valuable. Commercially is profitable, while for the family vineyard should be given preference over Concord; higher quality, handsomer, hardier. NCS.

Immense size, the best grape for southern Indiana.—FRED G. BRETZ, Dubois Co., Ind.

**\*Hicks.** Of the Concord type and quite similar, but many claim to be a better grower; a better bearer. NCS.

Larger and sweeter than Concord, more vigorous, hardier; rots less.—E. J. AYRES, Superintendent, Illinois Experiment Station.

On the Station grounds Hicks is more prolific than Concord; vines of stronger growth.—GRAPES OF NEW YORK.

**\*King (Giant Concord).** Much larger than Concord; more vigorous, prolific, much better quality. Not subject to rot. NCS.

Valuable; very large bunches; ripens same time as Concord.—Report Illinois Experiment Station.

Better in vine and fruit than Concord, bunches larger and fruit better.—PROF. L. R. TAFT, Michigan Agricultural College.

**\*Barry.** One of the finest of all Rogers hybrids; black, very attractive, high quality, splendid keeper; vigorous, hardy. Should go in every grape collection. NCS.

**\*Herbert.** A Rogers hybrid, and a superior black grape—fine for table use; keeps long after Concord is gone; highest quality. Every grape-grower should plant some Herbert. NCS.

**Mills.** Handsome black, bunch and berry large. Rich and sweet, with a trace of muskiness; fairly hardy. NCS.

**\*Concord.** Old, well-known black, "the grape for the millions;" healthy, hardy, vigorous, productive; ships well, sells well, good quality; has brought many orchardists more money than any other one variety. NCS.

**\*Lindley.** Handsome light red; sweet, tender, good quality. A good keeper and shipper, though a poor self-pollenizer. Hardy, valuable. NCS.

**\*Ives.** Like Lutie, most valuable south. Black, fair quality, good shipper, free from rot, hardy, rugged. NCS.

**\*Stark Delicious.** From the experimental vineyards of E. A. Riehl, Illinois' greatest grape authority. Light red, large bunch, medium berry; hardy, dependable wherever tested. Several years ago Mr. Riehl sent specimen bunches to us and they were undoubtedly the most beautiful red grape we have ever seen—quality perfection. NCS.

Red grapes have not sold well on the market in the past because we had none of really fine quality that were healthy, hardy and productive. Quality alone will not make any fruit popular; it must be produced in quantity

to get the public acquainted with it, like Concord. Delicious will do this. Color is so attractive and quality so delicious that it is bound to sell.—E. A. RIEHL, Originator

**\*Niagara.** A hardy white grape, succeeds almost everywhere. Bunch large, handsome, and has a flavor and aroma peculiarly its own. E. A. Riehl, of Illinois, pronounces it the white grape for the millions—a white Concord. NCS.

**\*Wilder.** Black, with faint bloom; sweet, rich, slightly aromatic; vigorous, fairly productive. CS.

**\*Banner (Trade-Mark).** Rich, brilliant red, quality best—equal to Delaware; unsurpassed as a table and shipping grape; makes delicious white wine. Vine strong and vigorous. Made a great record here this year. NCS.

Beautiful red, handsome as a red grape can be, and as good as the best in quality.—E. H. RIEHL, Illinois Experiment Station.

Have thought Delaware the best eating grape but, since testing Banner, will have to revise that opinion.—EUGENE SECOR, Ex-President Iowa State Horticultural Society.

**\*Queen Isabella.** Black, large berry, large bunch—almost as large as Black Hamburg. In California, where it originated, it is nearly twice as large as its parent—the old well-known Isabella. NCS.

**\*Agawam.** Dark red, fine flavor, large bunch and berry, rich, sweet, aromatic; productive. NCS.

**\*Salem.** Handsome red, high quality; splendid for table or wine. NCS.

**\*Vergennes.** Red; flesh firm, fair quality; a splendid arbor grape. NCS.

**\*Bacchus.** Small black, seedling of Clinton, which it resembles, but better quality. NCS.

**\*Clinton.** Black, popular wine grape; bunch and berry small, not desirable for market. Fine for arbors and screens. NCS.

**\*Norton Virginia (Cynthiana).** Superior as a medicinal wine grape—black, juicy, good quality, sure cropper. NCS.

**\*Catawba.** An old favorite red grape. North it ripens too late for proper maturity. Grown commercially in the Chautauqua grape belt of New York. CS.

**\*Goethe.** Yellowish green, shaded dull red; quality perfection; should go in the vineyard of every connoisseur. CS.

## Foreign Grapes

THESE tender varieties succeed only in favored localities west of the Rocky Mountains and in the favored valleys of New Mexico, west Texas and the Pacific Coast. They can be grown farther north by putting boards on either side of the rows, then laying the vines down in the fall and covering them with a foot or eighteen inches of straw. It is surprising that these magnificent grapes are planted so very sparingly in the regions of the west, where they grow to the highest degree of perfection, but fruit-growers there are just beginning to fully appreciate them. They should be in every collection. Grape-growing nearly everywhere has been overlooked. Plant more grapes for home use, and a great many more for the markets.

**Dattier de Beyrouth.** Beautiful amber with white bloom; little or no acidity.

**White Muscat.** Fine, large, light yellow, musk flavor; bunches long and shouldered.

**Black Hamburg.** Very large, oblong, black, fine and tender; a great favorite.

**Emperor.** Resembles Flame Tokay, one of the most profitable; firm, good keeper, rich color.

**Thompson Seedless.** Greenish yellow, and considered the best seedless raisin grape.

**Flame Tokay.** Light red; flesh firm and sweet, very large bunch. The staple red California grape of eastern markets.

**Black Cornichon.** Very attractive, large, long, light blue grape; pleasant flavor.

**Mission.** Purple black, very sweet and delicious—old, well known.



# Berries

**T**HE berries or small bush fruits, the blackberry, dewberry, raspberry, currant and gooseberry are all too well known to make necessary an introductory note calling attention to their merit. Thriving successfully almost everywhere, yielding bountiful crops with little or no attention, yet responding quickly to good care, they should without fail go into every home garden in sufficient quantity to supply the family with fresh fruit during the season, with enough left over for canning and preserving purposes.

## Blackberry

- \***Kenoyer.** Glossy black; easily picked; never sunburns, superior to Early Harvest. NCS.
- \***Early Harvest.** Good quality; firm, extremely productive. CS.
- The most profitable early blackberry on the list.—**PROF. I. R. JOHNSON,** Cape Girardeau Co., Mo.
- \***Early King.** Good size, good quality; moderately vigorous and hardy. NCS.
- \***Wilson.** Large, sweet, good quality; handles well, sells well. NCS.
- \***Western Triumph.** Splendid flavor, larger than Snyder; hardy. NNCS.
- \***Rathbun.** Not as hardy as Snyder or Eldorado, but valuable for central and southern territory. Quality good. NCS.
- \***Illinois.** Originated by E. A. Riehl. It is one of the largest, hardiest and most profitable; ripens shortly after Early Harvest, but matures its crops more quickly. We unhesitatingly recommend it. NCS.

A hundred times more valuable than Early Harvest.—**J. F. GRASS,** Perry Co., Ind.  
Best early berry so far tested.—Illinois Experiment Station

- \***Robinson.** Large, best quality, hardy, wondrously productive. NCS.
- \***Kittatinny.** Large, rich, glossy, hardy, productive. NCS.
- La Grange.** Shape like Snyder, but longer; finest quality. Hardy, productive. NCS.
- \***Snyder.** Medium size, sweet, juicy; very hardy, productive; good shipper. NNCS.
- The only variety we can grow with profit; have experimented with nearly all.—**Z. T. TURNER,** Illinois Horticultural Society.
- \***Taylor.** Large, excellent quality; hardy and healthy. NNCS.
- \***Perfection.** Large, jet black, highest quality; one of the most productive. Hardy. NCS.
- \***Eldorado.** Jet black, does not turn red on exposure to sun; hardy, strong grower. NNCS.

Quality best of the hardy sorts.—Michigan Experiment Station.

- \***Erie.** Round, large, excellent quality; healthy, hardy, free from rust. NCS.
- In vigor, productiveness and freedom from rust, above any variety ever tried here.—**L. R. JOHNSON,** Cape Girardeau Co., Mo.
- \***Mersereau.** Large, jet black; quality first class. Very hardy. NCS.

\***Blowers.** Hardest of all; very large, jet black, exceedingly sweet, productive; good shipper. NNCS.

Except Illinois it is the best.—**E. A. RIEHL,** Illinois Exp. Station.

\***Ward.** Of very best quality and a strong grower. NCS.

If asked to name a fault of Ward, I could not do it.—**E. H. RIEHL,** Illinois Experiment Station.

**Loganberry.** A cross between blackberry and red raspberry. Plant only in the west.

## Raspberry

- \***Thompson Red.** Best real early red. Hardy. NCS.
- \***St. Regis.** Everbearing. Bright crimson, firm, rich, delicious. Of iron-clad hardness. NCS.
- \***King.** Beautiful, best early red; hardy. NCS.
- \***Miller.** Productive, hardy, red; brings high prices. NCS.
- \***Manitou.** Large, red, handsome, firm. One of the hardiest and best. NNCS.

In the same class with raspberries that Delicious is with apples.—**GEO. W. ENDICOTT,** Pulaski Co., Ill.

- \***Thwack.** One of the best red; hardy, vigorous. NCS.
- \***Golden Queen.** Clear amber yellow; high quality. NCS.
- \***Shipper's Pride.** One of the finest reds—the best shipper. Splendid in Minnesota and other northern states. NNCS.
- \***Herbert.** Splendid quality, large deep red; strong grower, very hardy, productive. NNCS.
- \***Cuthbert.** Red; well-known, high quality; productive. NCS.

\***Cardinal.** Reddish purple—a hybrid of the red and black. Vigorous and hardy. NCS.

- \***Haymaker.** Purple. Cardinal hardier, fine quality. C.
- \***Columbian.** Purple; one of the hardiest; large, rich. NCS.

\***Hoosier.** Jet black; firm, best quality. Hardy, dependable, bears every year. NNCS.

\***New American.** An ideal blackcap; large and very firm. Originator claims it the best blackcap. NNCS.

\***Kansas.** Glossy black. Originated at Lawrence, Kan.; good quality, large; hardy, productive. NCS.

\***Cumberland.** Best blackcap; perfectly hardy, very productive, remarkably free from insect attack. NCS.

Approached by no other in either quality or commercial value.—**LONG ISLAND AGRONOMIST.**

\***Black Pearl.** Seedling of Kansas, but larger; hardy and prolific. A very promising black sort. NCS.

## Dewberry

- \***Austin.** Good quality, one of the best south. CS.
- \***Premo.** Jet black, firm, good. One of the hardiest. Plant with Lucretia, as bloom is imperfect. NNCS.
- \***Lucretia.** The best, most dependable. Large, jet black, highly flavored and hardy; profitable. NNCS.

## Gooseberry

\***Houghton.** The best payer of all gooseberries; dark red, thin skinned, juicy, excellent flavor. NNCS.

\***Crown Bob.** Large red, splendid quality. NC.

\***Chautauqua.** Yellowish white; sweet, rich, good quality. Yields great crops. NNCS.

\***Pearl.** Large, light yellowish green. Has many good qualities. NNCS.

Proven more productive than Downing; does not mildew.—Ottawa, Canada, Experiment Station.

\***Smith.** Seedling of Houghton; excellent quality. NNCS.

**Lancashire.** Of unusual size and great beauty. NC.

\***Downing.** Almost twice the size of Houghton. Vigorous, productive. NNCS.

\***Carman.** Large golden yellow; hardy, remarkably free from mildew. NCS.

Has never shown a weakness of any kind.—E. S. CARMAN, late Editor RURAL NEW YORKER.

\***Portage.** One of the handsomest and best; large, good quality, free from mildew. NCS.

A long time since I was so favorably impressed with a new fruit as with Portage.—E. H. REEB, Illinois Experiment Station.

\***Mountain.** Resembles Houghton, but larger; one of the best. NCS.

\***Josselyn (Red Jacket).** Probably best of the large-fruited American sorts; strong, vigorous, hardy, wonderful cropper; almost free from mildew. NNCS.

Fruit above medium size, larger than Downing; green, more or less covered with coppery red, sub-acid, sprightly, good flavor, good quality, does not mildew. A good variety.—Ottawa, Canada, Experiment Station.

Good quality and free from mildew.—Michigan Experiment Station.

\***Oregon Champion.** Large, yellow, smooth, good quality. Pronounced one of the best for Colorado. NNCS.

Royally adapted to our purposes in the northwest, while many coming to us from the east are not at all adapted.—REPORT AMERICAN POMOLOGICAL SOCIETY

Free from mildew; clean, bright and beautiful.—Prof. E. J. WICKSON, University of California.

**Columbus.** Very large, greenish yellow; best quality; so far free from mildew. NC.

**Golden Prolific.** Medium size, deep yellow, good flavor; hardy, prolific. NC.

**Triumph.** Large, pale yellow, smooth, sweet, good. NC.

## Currant

\***Pomona.** Clear, bright red, fine quality, few seeds. NCS.

\***London Market.** Brilliant red, good quality; strong, rugged, little injured by leaf diseases, etc. NNCS.

\***Cherry.** Large, red. A valuable market sort. NCS.

\***White Imperial.** Best white, sweet, rich, fine. NCS.

\***White Grape.** Large, excellent quality, mild acid. NCS.

\***Red Cross.** Strong grower, productive; deep red, sweet, high quality. NNCS.

\***Perfection.** One of the very best; bright red, rich and mild, with few seeds. NCS.

\***Diploma.** Red; very large, good quality. World's Columbian Exposition gold medal as largest and best currant. NCS.

**Fay Prolific.** Popular, but excelled by Red Cross, Wilder and others. NCS.

\***Wilder.** Large, brilliant red, fine quality. Strong grower, productive. NNCS.

\***Black Naples.** Very large, black; valuable. NNCS.

\***Franco-German.** One of the healthiest, most productive of red currants. NCS.

\***Lee's Black.** Large, superior quality. NNCS.

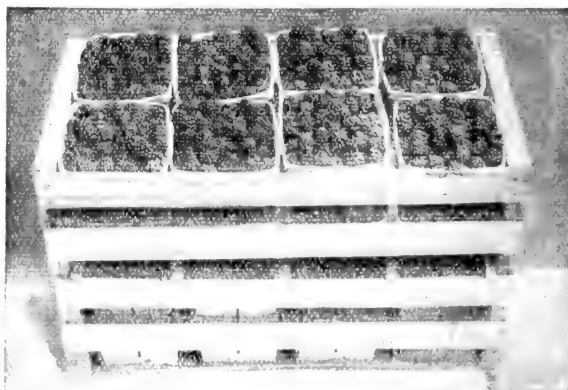
\***Victoria.** Bright red; excellent but rather small. NCS.



Stark Eclipse in the vineyard of E. A. Riehl, Alton, Illinois



A bunch of Stark King Phillip and its veteran originator, N. B. White of Norwood, Mass.



A crate of Blowers Blackberry





## Roses

**R** OSES will thrive in many soils of varying richness, but it is always best to plant them in the richest black earth obtainable. Select a warm, well-drained, sunny spot that is protected from strong winds and that is not shaded by trees or buildings. Roses do not succeed in shaded spots or in soil that is not well drained. If nature has not provided proper drainage at the location selected, the grower can provide it by digging out the bed to a depth of about thirty inches and filling in for about one foot with broken stone, bricks or cinders. On top of this throw in a layer of soil, then a layer of well-rotted barnyard manure, then a thick layer of rich black soil on top.

**PLANTING TIME.** Either fall or spring. Set plants deep in the soil, firming the dirt in among the roots. Cut growth back to five or six buds, then cover completely with earth. After a few days when the buds are starting remove the dirt. If the top growth is left on and no covering of earth is provided, the tops will dry back and the growth will be weak.

**PROTECTION.** While the hardy varieties will go through the winter without protection, it is usually the safer course to protect them with a covering of straw or leaves, securing the covering with evergreen branches or boards.

**PRUNING.** All roses should be pruned at planting time by cutting back all shoots to five or six buds. This will promote a vigorous root and top growth. The yearly pruning should be done in the early spring. Cut out all weak or dead wood and such shoots as shut out the air and sun.

**Baby Rambler** (*Hybrid Polyantha*). Blooms from early June until frost, in compact clusters of bright crimson.

**Baltimore Belle** (*Hardy Climber*). Handsome, double white, delicately blushed pink.

**Burbank** (*Hybrid Bourbon*). Large, soft cherry rose color. A continuous bloomer.

**Clio** (*Hybrid Perpetual*). Delicate flesh color, shaded light rose; beautiful in bud and full bloom.

**Conrad F. Meyer.** Silver rose color; large blossoms.

**Crimson Rambler** (*Polyantha*). When in its great glory during July and August it is a solid wall of crimson beauty. For covering walls, pillars, porches, nothing more desirable.

**Dorothy Perkins** (*Hybrid Wichuriana*). Clear shell pink. In vigor and hardiness second only to Crimson Rambler.

**Eugene Furst** (*Hybrid Perpetual*). Crimson shaded to deep black red; the blackest, richest and most glorious of all dark roses.

**Everblooming Crimson Rambler** (*Flower of Fairfield*) (*Polyantha*). The name is its best description. Perfectly hardy, and blooms all summer. Has created a sensation among rose-growers everywhere.

**Freiherr von Marschall** (*Tea*). Brilliant, flashy red, large, double flower, splendid free bloomer. A great sort.

**General Jacqueminot** (*Hybrid Perpetual*). The old-time favorite.

**Gruss an Teplitz** (*Hybrid Tea*). "The reddest of all red roses." Bronze colored.

**Helen Gould** (*Hybrid Tea*). Beautifully shaded dark carmine; one of the best everblooming roses.

**Hugh Dixon** (*Hybrid Perpetual*). Brilliant crimson shaded scarlet.

**J. B. Clark** (*Hybrid Tea*). Deep scarlet, shaded darkest crimson. Of wonderful beauty.

**Lady Gay** (*Polyantha*). Hardy climbing rose; deep, rich, rose pink.

**Madam Plantier** (*Cemetery Rose*). (*Hybrid Chinese*). For a rose to plant in the cemetery this variety is ideal

**Marshall P. Wilder** (*Hybrid Perpetual*). Brilliant carmine; handsome and exceedingly fragrant.

**Mrs. John Laing** (*Hybrid Perpetual*). Satiny pink, borne on extra long stems, exceptionally handsome.

**Paul Neyron** (*Hybrid Perpetual*). The largest and most showy rose in cultivation, five inches in diameter; produced all summer long.

**Persian Yellow** (*Hybrid Perpetual*). Small, semi-double, golden yellow.

**Pink Moss.** Magnificent moss rose, handsome pink, hardy, rugged.

**Red Moss.** Best and handsomest moss rose.

**Queen of Prairies** (*Prairie Type*). Hardy climber; bright red, becoming a little lighter as flower opens.

**Rhea Reid** (*Hybrid Tea*). A wonderfully fine, showy, very double crimson flower. One of the very finest hardy sorts.

**Rosa Rugosa.** Glorious single, light red blossoms, heavy dark green foliage, followed by large scarlet fruit.

**Rosa Rugosa Alba.** Large single white; most attractive.

**Rubin** (*Hardy Climber*). Resembles Crimson Rambler, but flowers are larger, more double.

**Snow Queen** (*Frau Karl Druschki*) (*Hybrid Perpetual*). The grandest, handsomest of all white roses. "The White American Beauty." One of the most talked of varieties of recent years.

**Trier** (*Hardy Climber*). One of the most beautiful ramblers. Creamy white, semi-double blossoms.

**Ulrich Brunner** (*Hybrid Perpetual*). Rich flashing crimson; few are handsomer.

**Violet Blue** (*Rambler*). The greatest rose novelty of the century. The dream of rose growers for many years—a blue rose; a strong, hardy climber.

**White Dorothy.** A rambler, bearing magnificent clusters of clear double white flowers; a profuse bloomer.

**Wm. R. Smith** (*Tea*). Creamy white, pink shadings; splendid foliage, vigorous, good.

**Yellow Rambler** (*Hardy Climber*). Golden yellow; hardy as Crimson Rambler.

## Ornamental and Shade Trees

**T**HERE is both pleasure and value in well-designed, well-planted, well-maintained home grounds. The greater value follows the greater pleasure, and that comes from a variety of attractiveness as is now easily attainable. The trees hereinafter described are of a broad range of beauty and usefulness; they will make pleasant the grounds in which they are planted. We commend them as the best selection possible, and have grown them as well as we grow fruit trees and plants—and that is as well as is possible. All varieties under this head are listed alphabetically.

**Ash, American White** (*Fraxinus Americana*). A well-known, handsome, native tree.

**Crab, Bechtel Double-Flowered** (*Pyrus Augustifolia*). The most beautiful of flowering crabs, exquisite, double, highly fragrant, delicate pink blossom.

**Crab, Parkmanni Double-Flowered** (*Pyrus Halliana*). Rich rose color, semi-double; handsome in bud and blossom, with splendid deep green foliage.

**Crab, Stark Flowering**. Beautiful blossom, productive and showy. Quite ornamental in the fall.

**Crimson-Leaf Plum** (*Prunus Pissardi*). A beautiful purple-leafed tree, with dark, wine red fruit. Leaves hold their color very late.

**Royal Purple-Leaf Plum**. A great, handsome purple-leaf tree; excels Crimson-Leaf. Shapely and beautiful; magnificent for contrast on the lawn.

**Birch, European White** (*Betula Alba*). A grand tree, of rapid growth with silvery white bark and magnificent foliage.

**Birch, Cut-Leaf Weeping** (*Betula Alba, var. Pendula Laciniata*). One of the most beautiful and graceful trees, finely cut foliage and drooping branches.

**English Linden** (*Tilia Europea*). A fine shade tree, pyramidal in growth, large leaves; fragrant flowers.

**Kentucky Coffee Tree**. Rapid upright growth; rough bark; feathery foliage.

**Maple, Norway** (*Acer Platanoides*). One of the very handsomest shade trees, and should be planted extensively everywhere.

**Maple, Sugar or Rock Maple** (*Acer Saccharinum*). An excellent upright street and shade tree; succeeds almost in every soil. Norway has denser foliage.

**Maple, Weir Cut-Leaf** (*Acer Wierii Laciniatum*). A very rapid growing and graceful weeping tree.

**Maple, Silver-Leaf** (*Acer Dasycarpum*). A handsome tree of extremely quick growth; widely planted as a street and park tree.

**Maple, Sycamore**. Handsome tree of rapid, upright growth; large foliage. Most beautiful.

**Mulberry, Abundance**. Fruit long, slender, glossy black; good quality.

**Mulberry, Downing**. Berries large; quality best; valuable for shade as well as for its fruit.

**Mulberry, Gorgeous**. Fruit of largest size, jet black and of good quality. Tree a rapid, handsome grower and a young bearer—usually at three years. Originated by E. H. Riehl.

**Mulberry, Monarch**. Berry white, large, sweet and rich; tree a strong, rapid grower, ripening an immense crop through a long season.

**Mulberry, New American**. Fruit large, glossy, black; one of the best in quality.

**Mulberry, Stark**. Best of all. Large and black, ripens through a long season; hardy, strong growing, prolific.

**Mulberry, Tea's Weeping**. A beautiful, valuable, hardy shrub for lawn or garden. A dense head of weeping branches extends to the ground.

**Mulberry, Travis**. Fruit medium to large, sub-acid, highly flavored, good quality.

**Maiden Hair Tree or Ginkgo** (*Salisburia Adiantifolia*). Has thick, glossy foliage like the Maiden Hair Fern; a handsome tree.

**Oak, Red**. Large size; foliage purplish red in fall.

**Oak, White**. One of the finest American trees.

**Persimmon**. The well-known native persimmon tree of the southern and central states.

**Poplar, Carolina** (*Populus Monilifera*). A fine shaped, spreading tree; large, dark, glossy leaves. Very rapid growth.

**Poplar, Lombardy**. Attains great height; rapid growth; handsome.

**Poplar, Norway**. Will make the largest tree in the shortest time and promises to be to the north what the Eucalyptus is to the south. Every farm should grow enough to produce its own posts.

**Sycamore, American, or American Plane** (*Platanus Occidentalis*). The most massive of all deciduous North American trees; good for street or park.

**Sycamore, European, or Oriental Plane** (*Platanus Orientalis*). A good tree for street planting; especially recommended for large cities.

**Tulip Tree** (*Liriodendron Tulipifera*). A broad-spreading, handsome tree, the flowers resembling tulips; attractive, glossy, fiddle-shaped leaves.

**Umbrella Catalpa** (*Catalpa Bungei*). A low spreading umbrella-shaped tree; grows eight to ten feet high. Large leaf, dense foliage, a rapid grower.

**Elm, American White** (*Ulmus Americana*). A tall, wide spreading tree with drooping branches; a favorite street tree.

**Elm, Cork Bark** (*Ulmus Racemosa*). Upright, fast growing, corky bark—a splendid tree.

**Elm, Camperdown**. Long, pendulous branches, often spreading horizontally.

**Willow, Weeping** (*Salix Babylonica*). The well-known weeping willow.

## Shrubs

**T**HE beauty of any home, however attractive in itself, can be made more attractive and more homelike by the planting of a few of the excellent things in this class of ornamentals. From a great list we have pruned and culled out the undesirables, leaving only such things as are best of their kind—things that will please you. A surprisingly small sum invested in a few of the following will work wonders in beautifying your home grounds.

**Aralia Pentaphylla** (*Angelica Tree*). A pretty, rapid growing shrub; handsome for lawn.

**Chionanthus Virginica** (*Fringe Tree*). Splendid small lawn tree; large, dark green, glossy leaves; pea-shaped, pure white flowers, in May or June.

**Calycanthus Floridus**, Sweet-scented Shrub. An old, well-known, strawberry-scented shrub, growing six to eight feet high.

**Cercis Canadensis** (*American Judas Tree*). A small, round-headed tree with large, heart-shaped, glossy leaves; delicate, reddish purple flowers.

**Cornus Florida** (*Dogwood*). One of the most beautiful American flowering small trees.

**Cydonia Japonica** (*Scarlet Japan Quince*). Bright, scarlet crimson; in great profusion in early spring; fine for hedge, border or single specimens.

**Deutzia Lemoinei**. Hardy, handsome shrub. Large, pure white flowers in cone-shaped heads.

**Halesia Tetraptera** (*Snowdrop Bush*). Large shrub; white, bell-shaped flowers in May.

**Hamamelis, Virginica** (*Witch Hazel*). A tall shrub; yellow flowers late in the autumn.

**Hibiscus Mehanii** (*Rose of Sharon*). One of the choicest Roses of Sharon; variegated foliage, large, satiny-lavender single flowers.

**Hibiscus Totus Alba**. A splendid shrub; single pure white blossoms.

**Hypericum Moserianum** (*Gold Flower*). Shrub of dwarf habit; rich green foliage and large, handsome, yellow flowers.

**Hydrangea, Paniculata Grandiflora**. Flowers white, changing to purplish pink, so profuse as to almost hide the leaves.

**Hydrangea, Arborescens Sterilis** (*Hills of Snow*). Snow-white blossoms of large size through a long blooming season.

**Lilac, Common Purple**. The old-time bluish purple favorite.

## Lilac, Budded

**Belle de Nancy**. Large, double, satiny rose.

**Charles X**. Reddish purple.

**Frau Dammann**. Fine pure white.

**Giant Tree**. Grows twenty to thirty feet high. Clear white.

**Ludwig Spath**. Dark reddish purple.

**Madame Abel Chatenay**. Double, pure white.

**Michael Buchner**. Very double; light sky blue.

**President Grevy**. Beautiful clear blue, large, double.

**Senator Volland**. Rosy red; fragrant.

**Magnolia Glauca**. Hardest magnolia; evergreen in the south, becoming deciduous northward. Attains a height of thirty feet in rich land. Flowers pink, large, fragrant.

**Magnolia Soulangeana**. Perhaps the most popular Magnolia. Large, pinkish flowers in great profusion.

**Philadelphus Coronarius** (*Mock Orange*). Vigorous, hardy shrub, beautiful for hedge or single specimen. Blossoms cream white.

**Philadelphus Gordonianus** (*Gordon's Syringa*). Late blooming, pleasing shrub; pure white blossoms.

**Rhodotypus Kerroides** (*White Kerria*). Large, single, white flowers, followed by showy black berries; handsome foliage.

**Rose Tree of China** (*Prunus Triloba*). Flowers pink or rose-colored, usually double; the first tree to bloom in the spring.

**Sambucus Aurea** (*Golden Elder*). Handsome shrub, golden yellow foliage; flat heads of white flowers, followed by handsome berries.

**Spirea, Anthony Waterer**. Flowers deep crimson; blooms all season; beautiful as single specimens, in clusters, or as a low hedge.

**Spirea, Van Houttei** (*Bridal Wreath*). Very handsome for border planting along walks or drives, or for planting on the lawn singly or in clusters. When in blossom is a solid mass of delicate snow-white flowers with a faint but pleasing perfume.

**Spirea, Opulifolia Aurea** (*Golden-Leaved Nine-Bark*). A very showy shrub; golden yellow tinted foliage, double white flowers.

**Symphoricarpus Racemosus** (*Snowberry*). A splendid shrub; small pink flowers, followed by clusters of pure white berries.

**Tamarix Africana**. Feathery foliage and light pink flowers last of May. A graceful shrub.

**Viburnum Sterilis** (*Snowball*). This is the common and well-known Snowball; producing in early spring great balls of pure white flowers.

**Viburnum Lantana** (*Wayfaring Tree*). Large shrub with heavy leaves and large clusters of white flowers.

**Viburnum Plicatum** (*Japanese Snowball*). Valuable, hardy shrub. In early summer is a solid mass of snow-white flowers.

**Viburnum Opulus** (*Bush Cranberry*). A handsome shrub, white flowers, followed by handsome bunches of brilliant scarlet berries.

**Weigela Rosea**. Deep rose-colored flowers; desirable for borders, for grouping or single plants.

**Yucca Filamentosa** (*Adam's Needle*). A stately plant, three to four feet high; in July is beautiful with creamy white, bell-shaped blossoms.

## Climbers

**Ampelopsis Veitchii** (*Boston Ivy*). Leaves smaller than American Ivy and so overlap one another as to form a dense sheet of green.

**Ampelopsis Quinquefolia** (*American Ivy or Virginia Creeper*). This and Boston are the best two ivies for covering walls, out-buildings, old tree trunks, etc. Leaves turn to rich crimson in autumn.

**Clematis, Henryi**. Very large, creamy white.

" **Jackmani**. Large, deep violet purple; very velvety.

" **Madame Andre**. Bright velvety red, large, handsome.

" **Ramona**. Sky blue, earliest blooming.

" **Japan Paniculata**. Pure white, deliciously perfumed; one of the best climbing vines for covering porches, pillars, trellises, etc.

**Lonicera Halleana** (*Hall Japan Honeysuckle*). Flowers white, changeable to yellow, and very fragrant.

**Lonicera Grandiflora Rosea**. Handsome pink, an uncommon type.

**Lonicera Tatarica Alba** (*White Tartarian Honeysuckle*). A grand white honeysuckle.

**Lonicera Tatarica Grandiflora** (*Tartarian Honeysuckle*). Beautiful, vigorous shrub; pink flowers

**Wistaria Sinensis** (*Chinese Wistaria*). An ideal climber for porches or arbors; pale blue, pea-shaped flowers.

## Hedge Plants

**Barberry, Japanese**. Dense growth, drooping branches; in autumn, the foliage turns scarlet and gold.

**Japan Quince**. Crimson blossoms early spring; dwarf, dense growth.

**Privet, Amoor River**. One of the very best privets, slim and graceful in growth, makes an excellent hedge and is hardy.

**Privet, California**. The most popular of all ornamental hedges. Its rich dark green foliage is carried far into the winter. Hardy, easily grown. When a very dense hedge is desired, plant two or three rows about eight inches apart, with plants one foot to eighteen inches apart in the rows and alternated. Keep well sheared back.

**Privet, Regelianum** (*Itoba*). Of dense growth, with horizontal spreading branches, drooping at the ends. Hardy.

**Spirea, Van Houttei**. One of the very finest of ornamental shrubs; its drooping, graceful branches and its wealth of white flowers in late spring, together with its hardiness, make it one of the handsomest and best. Used as a hedge, it is most beautiful.

## Paeonies

**Festiva Maxima**. The very finest early white paeony.

**Duchess de Orleans**. Deep pink with salmon center.

**L' Eclatant**. Purplish crimson; broad, full flower; handsome.

**Officinalis Rubra**. The old-time early red; large, double.

**Queen Victoria**. Large, white, center slightly pink.

## Nut Trees—Budded Almonds

**Ne Plus Ultra**. A sturdy, upright-growing tree, bearing large, thin-shelled nuts in cluster.

**Nonpareil**. A strong growing, spreading tree; blooms early and bears good crops. Shell very thin; kernel sweet.

## Chestnuts

**American Sweet**. This is the well-known native variety; a stately tree, and when in blossom is as handsome as a tree can be. Of good quality and it seldom fails to produce a crop.

# Stark Bro's Nurseries & Orchards Company

**Boone. (Grafted.)** Large, good quality, and the earliest to ripen of any good chestnut; originated by George W. Endicott, one of the grand old men of Illinois horticulture.

**Cooper. (Grafted.)** Nuts large, handsome, good quality; tree rapid grower.

**Riehl. (Grafted.)** A magnificent chestnut from the experimental grounds of E. H. Riehl, Illinois Experimental Station. Recommended by him as the best.

**Rochester. (Grafted.)** Succeeds wherever the native chestnut will grow; is hardy, vigorous, rapid grower.

## Walnuts

**Black.** Well-known native American tree. Plant for timber.

**Japan.** Rapid, hardy grower, handsome; immense leaves. Nuts produced in clusters.

## English Walnut, Grafted

**Cluster.** Fruits, as the name indicates, in long bunches. A good tree, late bloomer, valuable.

**Mayette.** One of the most popular and one of the finest dessert nuts. An old favorite.

**Parisenne.** A splendid nut with full-fleshed kernel.

**Persian.** A good, steady bearer; good size nut.

**Filbert (*Corylus Americana*).** The well-known hazelnut.

## Hickory Nuts

**Missouri Mammoth.** Of great size. The well-known tree native to the Mississippi Valley.

**Shellbark.** Small, smooth nuts; well-known native tree.

## Pecans

**Illinois Hardy Seedling.** Propagated from a tree growing extra large nuts near our Illinois Nursery.

**Missouri Hardy Seedling.** From a selected tree, near our Missouri Nursery, bearing extra large nuts.

## Paper-Shell Pecans

**Columbian.** Large, excellent quality; tree vigorous; abundant cropper.

**Moneymaker.** One of the best of the paper-shells. Tree a splendid grower and very prolific.

**Pabst.** Moderately large, soft shell, parting well from meat, excellent quality.

**Van Deman.** Large and oblong in shape, shell moderately thin, good quality.

## Judge James Stark

By Hon. Champ Clark, Speaker House of Representatives.

It has been said that immigration moves on parallels of latitude. This was more literally true prior to railroading than now. The rule was never more clearly illustrated than in the early settlement of Missouri. It is safe to say that until the great immigration into Missouri at the close of the Civil war two-thirds of all Missourians were natives of Virginia, North Carolina, Kentucky and Tennessee, and they were the flowers of their respective flocks.

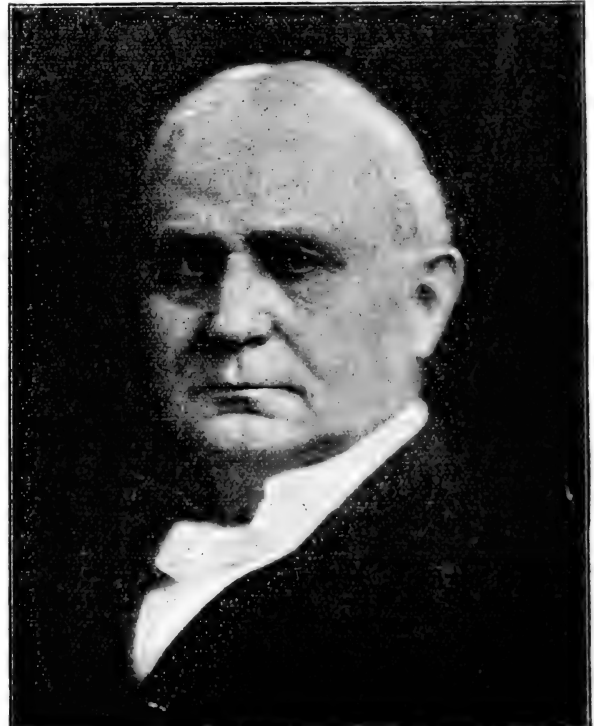
The Missouri pioneers were extraordinary people—the salt of the earth—courageous, hardy, intelligent, honest, industrious, honorable, patriotic and God-fearing. A more independent and self-reliant set of men and women never trod the earth. They laid broad and deep the foundations of a splendid civilization. They crossed the great river with a Bible in one hand and a rifle in the other. The first three things they did in every place they settled were: to build homes, schoolhouses and churches.

When Fort Sumter was fired on, Missourians lived better than any other people on earth. They kept open house, a habit inherited from their ancestors and transmitted to their posterity. Strangers are ever welcome within their gates.

Missouri pioneers were a prolific race, large families of handsome sons and beautiful daughters were their pride. Among them, President Roosevelt's homilies against race-suicide would have been superfluous and would have been laughed to scorn by the men and women who conquered this rich wilderness. Their descendants are on the average the finest specimens of manhood and womanhood betwixt the two oceans.

Most of the early settlers of Missouri were soldiers or sons of soldiers. Among these was Judge James Stark of Bourbon Co., Ky., who served under Gen. William Henry Harrison at Tippecanoe and under Col. Richard M. Johnson—"Old Dick," as he was popularly called—at the battle of the River Thames. He was present when Tecumseh was killed by a private who loaded his gun with a peculiar kind of slug. (Tecumseh was not killed by an officer as some historians relate.)

Judge Stark came in 1816 in the prime of his manhood from Bourbon, one of the finest counties in Kentucky, to Pike, one of the richest in Missouri, reared a family which is still numerous and powerful, and laid the foundation for the largest nursery in the world—now conducted by the third and fourth generations of his descendants. We sometimes build more wisely than we know. He little dreamed while riding horseback from the far-famed Kentucky blue grass region to the rich Missouri blue grass region, carrying in his old-fashioned saddle-bags the scions with which to start a nursery, that he was beginning a business which would render the name Stark honorably familiar not only throughout America, but beyond; and that 90 years after he planted his trees, his grandchildren and great-grandchildren would be shipping trees beyond the seas; but such is the truth of history. It's really a pity that he cannot return to earth long enough to witness the magnitude of the business which he started. Verily, his works do follow him.



Speaker Champ Clark

















# The Fruit-Grower AT HALF PRICE

The regular yearly subscription price of The Fruit-Grower is \$1.00, but as announced on other side, we will accept this coupon and only 50c in full payment of a year's trial subscription, for a **NEW** subscriber only.

## Two Grand New Fruits Free

Fill out this coupon and mail to The Fruit-Grower, St. Joseph, Missouri, with remittance of 50c in stamps, coin or money order, and we will send prepaid, for spring planting, a tree of Delicious Apple and a vine of Banner Grape. We want everyone to plant these two new fruits, which are the best of their kind ever introduced.

**Delicious** is a vigorous tree, good bearer, fruit large, skin yellow, striped with dark red, flesh tender, crisp, has sold as high as \$6 bushel box.

**Banner** is a splendid grape, a strong grower; bunch large, compact, quality equal to Delaware.

We will send these two new fruits absolutely free, prepaid, believing they will make you a permanent friend and subscriber to The Fruit-Grower. Fill in coupon and mail at once to

### The Fruit-Grower, St. Joseph, Mo.

I inclose 50c, for which you are to enter my name for a year's trial subscription to The Fruit-Grower and send me **Free**, prepaid, one tree of Delicious Apple and one vine of Banner Grape.

Name .....

Town..... State....

Send names of two friends  
who grow fruit.



This Coupon Good for  
Fifty Cents



## This Coupon Good for Fifty Cents

The undersigned company wants every tree and plant it sells to grow and bear fruit. Failures occur because of lack of proper knowledge in planting and taking care of trees. Everyone who plants a tree or vine should read **THE FRUIT-GROWER**, the best horticultural magazine in existence. Illustrated, forty to eighty pages a month.

**WE PAY HALF:** The subscription price of *The Fruit-Grower* is \$1.00 a year, but we have arranged with publishers so that this coupon will be accepted as half payment on a **NEW** subscription when accompanied by a remittance of 50 cents, either stamps, coin or money order, and sent to *The Fruit-Grower*, St. Joseph, Missouri.

Every issue is filled with interesting, illustrated reading matter which will help make you successful. We are so positive you will be pleased that we will arrange to have your money refunded if you are not satisfied after reading three copies.

Remember, regular rate is \$1.00, but if you fill out this coupon and send with 50c to **THE FRUIT-GROWER, ST. JOSEPH, MISSOURI**, you get a full year's trial subscription, and they will send you free, prepaid, two grand new fruits. See other side.

**Stark Bro's Nurseries & Orchards Co., Louisiana, Mo.**



# Stark Bro's Nurseries & Orchards Company

## Ornamental Trees

Ten of one sort at 100 rate One hundred of one sort at 1000 rate		Each	100	1000
Ash (Amer. White) (Fraxinus Americana)	2-3 feet	\$0.30	\$27.00	\$180
"	3-5 feet	.40	36.00	240
"	5-7 feet	.50	45.00	300
Bechtel Double-flowered Crab	3-4 feet	.45	40.00	...
"	3-6 feet	.60	55.00	...
Parkmanni Double-flowered Crab	2-4 feet	.60	55.00	...
"	4-6 feet	.70	65.00	...
Stark Flowering Crab	3-5 feet	.75	70.00	...
Crimson Leaf Plum	3-5 feet	.50	45.00	...
"	5-6 feet	.60	50.00	...
Royal Purple Leaf Plum	3-5 feet	.75	70.00	...
"	5-6 feet	.90	85.00	...
European White Birch	4-6 feet	.45	40.00	300
"	6-8 feet	.75	70.00	550
"	8-10 feet	1.25	100.00	...
Cut-leaf Weeping Birch	3-5 feet	.60	55.00	...
"	5-7 feet	1.00	90.00	...
English Linden (Tilia Europea)	2-3 feet	.30	27.00	180
"	3-5 feet	.40	36.00	240
"	5-7 feet	.50	45.00	300
Kentucky Coffee Tree	3-5 feet	.50	45.00	...
Maple, Norway	6-8 feet	.70	65.00	360
"	8-10 feet	1.55	130.00	...
"	10-12 feet	2.00	180.00	...
" Sugar	3-4 feet	.50	45.00	...
"	4-6 feet	.60	55.00	...
"	6-8 feet	.90	85.00	...
" Weir Cut-leaf	4-6 feet	.50	45.00	...
"	6-8 feet	.70	65.00	...
" Silver-Leaf (Soft)	4-6 feet	.25	20.00	120
"	6-8 feet	.40	36.00	240
" Sycamore	4-6 feet	.50	45.00	...
"	6-8 feet	.70	65.00	...
Mulberry Abundance	4-6 feet	.40	36.00	...
"	6-8 feet	.60	55.00	...
" Downing	4-6 feet	.40	36.00	...
"	6-8 feet	.75	70.00	...
" Gorgeous	4-6 feet	1.00	90.00	...
"	6-8 feet	1.25	100.00	...
" Monarch	4-6 feet	.50	45.00	...
"	6-8 feet	.75	70.00	...
" New American	4-6 feet	.40	36.00	...
"	6-8 feet	.75	70.00	...
" Stark	4-6 feet	1.25	100.00	...
" Tea's Weeping	5-6 feet	1.00	90.00	...
" Travis	4-6 feet	.50	45.00	...
"	6-8 feet	.75	70.00	...
Maiden Hair Tree	3-4 feet	.60	55.00	...
"	4-6 feet	.80	75.00	...
Oak, Red	2 year	.50	45.00	...
" White	2 year	.50	45.00	...
Persimmon	2-3 feet	.50	45.00	...
Poplar, Carolina	4-6 feet	.30	27.00	180
"	6-8 feet	.50	45.00	360
"	8-10 feet	.75	70.00	...
" Lombardy	10-15 feet	1.25	100.00	...
"	4-6 feet	.30	27.00	180
"	6-8 feet	.50	45.00	360
"	8-10 feet	.70	65.00	500
" Norway	10-15 feet	1.25	100.00	...
"	4-6 feet	.50	45.00	360
"	6-8 feet	.60	55.00	420
"	8-10 feet	.80	75.00	...
"	12-15 feet	1.25	100.00	...
Sycamore, American	4-6 feet	.40	36.00	240
"	6-8 feet	.50	45.00	360
" European	4-6 feet	.60	55.00	420
"	6-8 feet	.75	70.00	550
"	8-10 feet	1.25	100.00	...
Tulip Tree	4-6 feet	.50	45.00	360
"	6-8 feet	.70	65.00	500
"	8-10 feet	1.25	100.00	...
Umbrella Catalpa, Extra large size	1.25	100.00	750	...
" Number 1 size	.90	80.00	650	...
" Medium size	.65	55.00	420	...
Elm, American White	4-6 feet	.50	45.00	300
"	6-8 feet	.60	55.00	400
"	8-10 feet	.90	85.00	...
" Cork Bark	4-6 feet	.60	55.00	...
" Camperdown	4-6 feet	1.00	...	...
"	6-8 feet	1.25	...	...
Willow, Weeping	4-6 feet	.50	45.00	...

Can furnish medium grade trees at three-fourths and light grade at one-half prices quoted above.

Apricot	XXX, 5 to 6 ft.			XX, 4 to 5 ft.			X, 2 to 4 ft.		
	Each	10	100/1000	Each	10	100/1000	Each	10	100/1000
Alexander	.50	4.50	40	.40	3.50	32	.30	2.50	23
Blenheim	.50	4.50	40	.40	3.50	32	.30	2.50	23
Colorado	.60	5.50	50	.50	4.50	40	.40	3.50	32
Early May	.50	4.50	40	.40	3.50	32	.30	2.50	23
Harris	.50	4.50	40	.40	3.50	32	.30	2.50	23
Hemskirk	.60	5.50	50	.50	4.50	40	.40	3.50	32
Moorpark	.60	5.50	50	.50	4.50	40	.40	3.50	32
Montgamet	.50	4.50	40	.40	3.50	32	.30	2.50	23
Royal	.60	5.50	50	.50	4.50	40	.40	3.50	32
Stella	.65	6.00	55	.55	5.00	45	.45	4.00	35
Superb	.50	4.50	40	.40	3.50	32	.30	2.50	23
Tilton	.50	4.50	40	.40	3.50	32	.30	2.50	23
Wenatchee Moorpark	.60	5.50	50	.50	4.50	40	.40	3.50	32

## Premium Offer for Spring 1912

As a special inducement for early orders and to further the popularity of Stark Trees, we will give Premiums as listed below in addition to the Discounts specified in our literature. Cash must be sent before shipment is made to entitle you to premiums.

To secure these premiums, be careful to send enough money to pay *in full* for all stock ordered. Premiums will not be allowed if we are compelled to collect a balance—no matter how small, for this requires as much bookkeeping, etc., as if the amount were large. If, by mistake, too much money is sent, the excess will be returned.

### Premium A

All orders amounting from \$5 net to \$10, full amount of cash with order, Premium A, which contains the following stock, will be included free of charge, the varieties to be selected by us.

- |                    |                       |
|--------------------|-----------------------|
| 1 Akin Apple       | 1 Peach               |
| 1 Bayard Apple     | 1 Cherry              |
| 1 Henry Clay Apple | 1 Seckel Pear         |
| 1 Ingram Apple     | 3 Grape               |
| 1 Lowry Apple      | 5 Houghton Gooseberry |
| 1 McIntosh Apple   | 1 Shrub               |
| 1 Senator Apple    |                       |

In addition to these premiums we will send for experimental testing one fruit tree of your own selection.

### Premium B

All orders amounting from \$10 net to \$25, full amount of cash with order, Premium B, which contains the following stock, will be included free of charge, the varieties to be selected by us.

- |                               |                        |
|-------------------------------|------------------------|
| 1 Akin Apple                  | 1 Senator Apple        |
| 1 Bayard Apple                | 2 Cherry               |
| 1 Early Melon Apple           | 1 Seckel Pear          |
| 1 Fall Winesap Apple          | 1 Plum                 |
| 1 Gilbert Winesap Apple       | 5 Grape                |
| 1 Henry Clay Apple            | 25 Red Raspberry       |
| 1 Ingram Apple                | 25 Blackberry          |
| 1 Lowry Apple                 | 5 Currant              |
| 1 Magnet Apple                | 10 Houghton Gooseberry |
| 1 Mammoth Grimes Golden Apple | 2 Peach                |
| 1 McIntosh Apple              | 3 Shrub                |

In addition to these premiums we will send for experimental testing two fruit trees of your own selection.

### Premium C

All orders amounting to \$25 net or more, full amount of cash with order, Premium C, which contains the following stock, will be included free of charge, the varieties to be selected by us.

- |                               |                               |
|-------------------------------|-------------------------------|
| 1 Akin Apple                  | 1 Mammoth Grimes Golden Apple |
| 1 Albemarle Pippin Apple      | 1 Red or Yellow Apple         |
| 1 Banks Red Gravenstein Apple | 1 McIntosh Apple              |
| 1 Bayard Apple                | 1 Senator Apple               |
| 1 Charlamof Apple             | 1 Seckel Pippin Apple         |
| 1 Early Melon Apple           | 1 Wismer Dessert Apple        |
| 1 Fall Winesap Apple          | 3 Cherry                      |
| 1 Gilbert Winesap Apple       | 1 Seckel Pear                 |
| 1 Henry Clay Apple            | 1 Plum 3 Peach                |
| 1 Hyde King Apple             | 10 Grape 5 Shrub              |
| 1 Ingram Apple                | 25 Red Raspberry              |
| 1 Lowry Apple                 | 25 Blackberry                 |
| 1 Magnet Apple                | 10 Currant                    |
|                               | 25 Houghton Gooseberry        |

In addition to these premiums we will send for experimental testing three fruit trees of your own selection.