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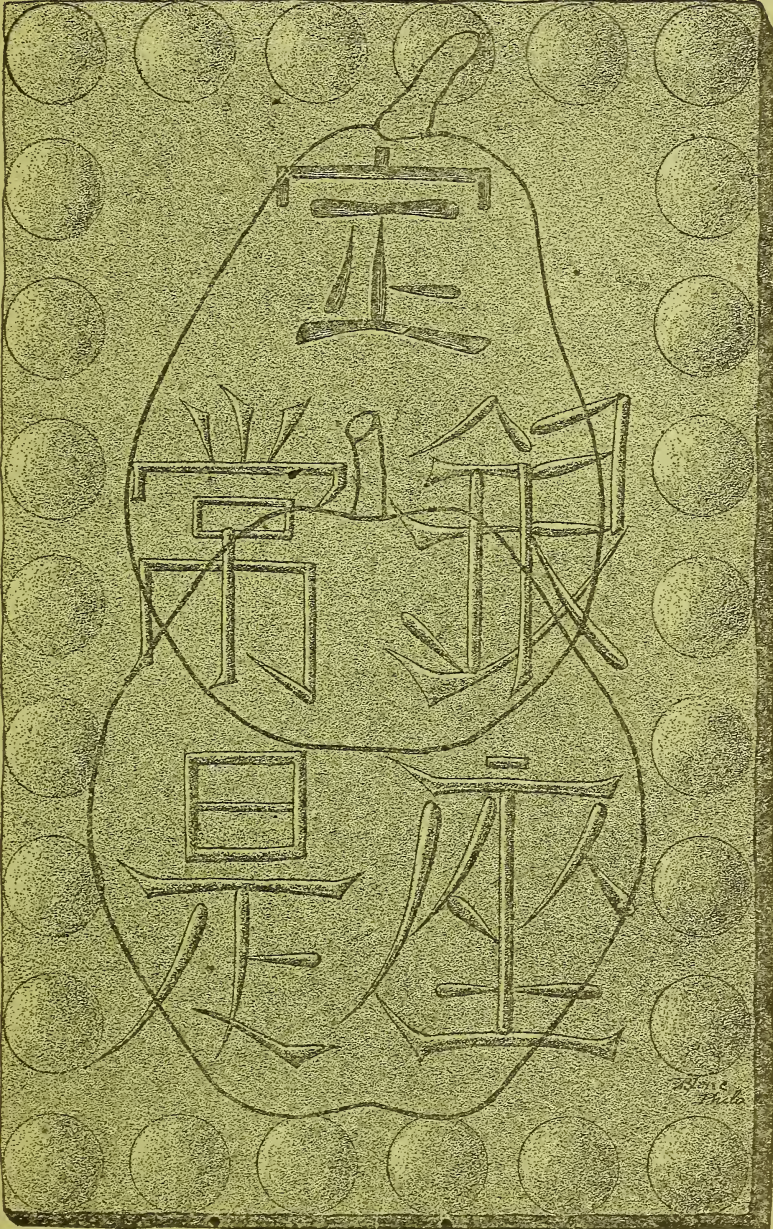
THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL

Vol. I.

HUNTSVILLE, ALA., OCTOBER, 1893.

No. 10.



To Nurserymen, Florists and Seedsmen.

MISCELLANEOUS ADVERTISEMENTS.

ESTABLISHED 1866.

W. R. RISON.

A. L. RISON

W. R. RISON & CO. BANKERS,

HUNTSVILLE, ALABAMA

CORRESPONDENTS:—Bank of America, New York City, N. Y. Union & Planters' Bank, Memphis, Tenn. American National Bank, Nashville, Tenn.

LAWRENCE COOPER, ATTORNEY AT LAW

HUNTSVILLE, ALABAMA.

REFERENCE: Huntsville Wholesale Nurseries

WANTS.

Advertisements under this head, 6 lines (42 words) or less, one time, \$1.00

A STUMP PULLER.

In the Genuine Smith Grubber we claim the most perfect machine ever invented for pulling trees, stumps, cleaning timber-land, moving buildings, and for work where a windlass is necessary.

We claim that in proper use the machine will pay for itself in a week; inexperienced hands have averaged one-half acre a day in close timber with this machine; it practically does away with the labor of ten men; trees are pulled out of the ground more rapidly than two men can chop them down; it requires but one minute to pull a tree six and seven inches through!

More than 5,000 of these machines have been sold since the first patent was issued, in 1882. No purchaser has ever entered a complaint. We challenge such! Our machine is a pronounced success.

W. SMITH & CO., Mystic, Iowa

HUNTSVILLE FEMALE COLLEGE,

HUNTSVILLE, ALA. Forty-fourth Session begins Wednesday, September 6, 1893. Healthy, well furnished, twenty Officers and Teachers. All departments of Female Education thoroughly taught; Music, Art, Languages, Sciences, Literature and Commercial Course. A Christian home for pupils. Charges reasonable. For Catalogues, etc., apply to

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Please favor us by mentioning this paper when writing to advertisers.

THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL

Vol. I.

HUNTSVILLE, ALA., OCTOBER, 1893.

No. 10.

THE PRACTICAL NURSERYMAN.

PUBLICATION OFFICE:

HUNTSVILLE,

ALABAMA.

W. F. HEIKES, Editor and Manager.

Issued Monthly. Sent only to those in the trade. Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Wants, six lines or less, one time, \$1.00. Advertisements must be handed in one week before the day of publication. Except for the Wants Column, advertisements for less than \$5.00 will not be accepted. Discounts: 3 times 5 per cent.; 6 times 10 per cent.; 12 times 25 per cent.

TO ADVERTISERS.

The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seedsmen, and only invited advertisements of articles pertaining specially to these trades will be inserted. We guarantee a regular monthly circulation of 4,000, and 10,000 for the month of August.

The Am. Association of Nurserymen

President, Col. U. B. Pearsall, Ft. Scott, Kan.; First Vice President, W. F. Heikes, Huntsville, Ala.; Secretary, Geo. C. Seager, Rochester, N. Y.; Treasurer, N. A. Whitney, Franklin Grove, Ill. Executive Committee: Irving Rouse, Rochester, N. Y., W. J. Peters, Troy, O., D. S. Lake, Shenandoah, Iowa.

Place for next meeting, Niagara Falls, first Wednesday in June, 1894.

Society of American Florists.

J. T. Anthony, Chicago, President; Robert Kift, Philadelphia, Vice-President; Wm. J. Stewart, 67 Bromfield St., Boston, Mass., Secretary; M. A. Hunt, Terre Haute, Ind., Treasurer. Place of tenth annual meeting: Atlantic N. J., August, 1894.

Am. Seed Trade Association.

W. Atlee, Burpee, President; D. I. Bushnell, First Vice-President; S. F. Leonard, Second Vice-President; A. L. Don, New York, Secretary and Treasurer. Place of twelfth annual meeting: Toronto, June, 1894. Applications for membership should be addressed to Wm. Meggatt, Chairman membership committee, Wethersfield, Conn.

American Pomological Society.

Hon. P. J. Berekmans, Augusta, Ga., President; Chas. L. Watrous, Des Moines, Iowa, First Vice-President; Geo. C. Brackett, Lawrence, Kansas, Secretary; Benj. J. Smith, Cambridge, Mass., Treasurer. Place of next meeting: San Francisco, Cal.

We purpose to mail this paper to every nurseryman, florist and seedsman in the United States, and to leading firms in the same vocations in foreign countries. We do not solicit subscriptions. If you value THE PRACTICAL NURSERYMAN, please accept it with our compliments

An Open Letter.

CEDAR RAPIDS, IA., Sept. 21, 1893.

W. F. HEIKES, HUNTSVILLE, ALA.

DEAR SIR:—I send you this mail a small order for Oriental plums to place on my previous order for plums. Be sure to send them on Marianna roots, as peach is too tender here.

I hope you will get all the Japan plums, as I believe them the most promising new fruits for the past fifty years. They will usher in a new era in plum culture.

I fruited the Burbank and Ogon to perfection the past season, and the rest of the Japan trees look the best of any on my grounds, and made a finer growth this extremely dry season than any other sorts, so I shall try a few others. If you get any others not on your trade list I want to be the first to try them in this section, for if I can demonstrate their fitness for this climate I can increase your sale of trees, for I propagate no trees of any kind. I am a dentist, and only put in spare time on my experimental ground. If you learn of new plums of value, either native or Japanese, let me know.

Yours truly,

A. B. DENNIS.

The Willard Plum.

Mr. S. D. Willard, of Geneva, N. Y., reports having shipped his Willard plums to Philadelphia, about the 20th of July, where they sold at \$1.00 per 10 lb. basket, the highest price he ever received for plums of any variety. This is another triumph for the Japanese plums. The season of ripening for the Willard is one month in advance of Abundance.

Preserving Fruit for Exhibition Purposes.

The preservatives that have given the most satisfaction are sulphurous acid gas and bisulphite of soda. In preparing the former, many have met with disappointment because of lack of experience, required to make it uniformly, by not following the details closely. To those contemplating the preparation of fruit samples, I would advise to procure sulphurous acid, which can be obtained from wholesale druggists in five-pound bottles at 35 cents per pound. Two ounces of sulphurous acid to the gallon of water is the required amount to preserve most fruits. In using the acid, better results will be obtained than by undertaking to make sulphurous acid gas, especially without some experience. I have found "commercial bisulphite" to contain so many impurities and to deposit so much that I discontinued using the "commercial" altogether, and have substituted Merck's Dry Pure Sodium Bisulphite, obtained from wholesale druggists in pound bottles, costing 65 cents per pound. In using pure sodium bisulphite the quantity required is much less than of the "commercial." I use one-half ounce per gallon of water and add four ounces alcohol. The addition of alcohol prevents the fruit from bursting. Pure sodium bisulphite does not deposit, and the solution is applied to the fruit as soon as it is dissolved. To prevent floating particles from going into the jar, the solution should be passed through cloth or filtering paper. Great care must be used not to allow these acids to come in contact with metals of any kind. In using sulphurous acid, the best way is to place the fruit in the glass jar, which must be clean, and fill it with water. After leaving it stand a half hour, to allow the air to escape, pour in the acid and cover immediately.

In using bisulphite of soda, the required amount should be placed in the glass jar, a half pint of water poured on it, and leave standing. The soda will soon dissolve, then the jar is filled with water and the required amount of alcohol added. The solution is then passed into another jar through cloth or filtering paper, then poured on the fruit and covered immediately.—B. M. Lelong, Sec'y. Pacific Rural Press.

ADDITIONAL HINTS ON THIS SUBJECT.

Failure is sometime due to mineral matter in the water, which forms a chemical union with the sulphur or soda. To be sure of results distilled water should be

used. Vegetable matter in solution can be destroyed by boiling the water.

The fruit should be under ripe and gathered so as not to be in the least bruised. Before putting it in the fluid it should be thoroughly rinsed in clear water.

It is necessary that the density of the fruit juice and the preservative fluid should be the same, otherwise an exchange of the fluids takes place and the skin is broken. Glycerine is the only substance that can be satisfactorily used to increase the density of the fluid. Use three-quarters of an ounce, by measure, for each one per cent. of soluble matter in the fruit juice. Ripe fruit, according to Professor Hilgard, has of such soluble matter as follows: Apples and pears, 12 per cent.; plums, prunes, apricots and peaches, 10 per cent.; cherries, 12 per cent.; berries, 8 per cent.; grapes average 24 per cent.

Put the fruit in the jars and pour the water on it, crossing the top fruit with a couple of pieces of wood to keep it under the water, and then put on the stopper. Wait a few days until the fruit has absorbed the water, and then replenish the water. Put a few drops of kerosene oil on top of the water; burn a little sulphur in the space above. If you use the museum jars, put a little glycerine on the rubber; screw down the top tightly. If you use a jar with a stopper, put a little varnish on the stopper and seal with wax or paraffine.—E. W. Maslin, Sec. Cal. State Board of Trade.

The Kieffer.

It is unfortunate that the real merits of this fruit have been underestimated from the haste in which it is hurried to market in an immature condition, and often before it has attained proper size. When allowed to hang upon the tree until the beginning of October, and then carefully ripened in a cool dark room, there are few pears which are more attractive, and and in point of quality it combines extreme juiciness, with a sprightly sub-acid flavor and the peculiar aroma of the Bartlett; it is then an excellent dessert fruit. As to its value as a market fruit, it commands on an average \$1.00 per bushel when shipped in an immature stage, and is then considered a second-class cooking fruit. If marketed after being house-ripened \$3.00 per bushel has been realized if sold in quantities, and at retail it readily commands from 75 cents to \$1.00 per dozen at the city fruit stands.—Florida Farm and Fruit grower.

THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

THE HUNTSVILLE WHOLESALE NURSERIES.

Distributing Points.

We are making St. Louis, Mo., Cincinnati, O., Rochester, N. Y., Philadelphia, Pa., and Fort Worth, Texas, distributing points; and will deliver free of freight charges to transfer companies, at either of these places, all orders in car lots, or in less than car lots, to be shipped from Huntsville on the dates named below:

For St. Louis—Early shipments from September 20th to October 10th; late shipment from November 1st to November 10th.

For Cincinnati, Rochester, Philadelphia and Fort Worth—November 1st.

The orders will be packed in Huntsville, and those for less than car lots will be combined to make up car lots and shipped to these points and distributed promptly to the various railroads centering there. This plan insures quick time and low freight rates. Orders for less than car lots must be boxed at Huntsville. The price of boxes will be additional.

This offer to deliver to distributing points free of freight charges will not apply to less than car-lot orders, if shipment is required at other than the above named dates; but we will ship car-lot orders at any time after September 20th anywhere desired within the territory tributary to the cities designated, and I will deduct from the bill the cost of freight to the nearest distributing point.

Nursery stock ripens earlier and consequently is ready for digging sooner at Huntsville than in nurseries further North.

To Northern nurserymen, who wish to lay in a stock of trees for Spring trade, we will ship late in Fall and take note, to be given upon receipt of the trees, payable May 15th. Such shipments will begin November 1st and will extend to December 10th.

Notice our quotations on one year Domestic varieties of plums. They are very fine and cannot fail to give satisfaction.

Use the Nurserymen's Telegraphic Code in telegraphing. Anyone not in possession of a copy will be supplied upon application.

Our Price List this month shows what we have on hand unsold, and gives the number of each grade and variety. There is a slight change in prices on Kieffer pears and Oriental plums, one year, on peach. We make it a rule to quote the lowest prices we can sell for, and if any change is made we print it at the beginning of the month. We endeavor to treat all our customers alike and with fairness.

Nurserymen should now take advantage of the growing popularity of the Japanese plums, and add plates to their plate books of Willard, Abundance, Satsuma, Burbank, and Yellow Japan, and do it now, so the books will be ready for use early when needed. The trees can be had of us. We have budded 250,000 of these varieties on Marianna this year, including 25,000 Willards. We can name prices at any time.

Unsolicited Commendation.

LOUISIANA, Jan. 16, 1893.—The first consignment of trees arrived at Ponchatoula on the 12th, and it affords me much pleasure to report that they were in first class condition. In fact, they had the appearance of never having been disturbed from their original "bed."

OKLAHOMA, March 11, 1893.—The five boxes received and were unpacked to-day. All are in fine condition, and the first grade peach trees surprised the natives.

ILLINOIS, March 24, 1893.—Stock ordered from you arrived yesterday, and must say we are highly pleased with the condition and your grading. Thanking you for the promptness in executing our order.

NEBRASKA, March 31, 1893.—Stock was in prime condition. You certainly do the best packing of any firm I have ever dealt with. The cherry trees were fine.

MISSOURI, April 1, 1893.—Trees arrived in good order, and are the best rooted trees I ever handled. Thanks for your promptness.

WISCONSIN, April 17th, 1893.—Box of cherry trees unpacked on the 8th in fine condition and perfectly satisfactory.

The Huntsville Wholesale Nurseries.

JESSIE S. MOSS, PROPRIETOR.

W. F. HEIKES, MANAGER.

REFERENCES: W. R. Rison & Co., Bankers, Huntsville, Ala., and the Mercantile Agencies

ADDRESS ALL CORRESPONDENCE TO

W. F. HEIKES, MANAGER,
HUNTSVILLE, ALABAMA.

Fall of 1893 and Spring of 1894.

Tract of 1,000 Acres. Nearly 800 Acres closely Planted in Nursery Stock. Nothing over Two Years Old.

The publication of this list abrogates previous quotations.

Except where prices are agreed upon, these quotations are subject to change without notice. See Terms and Conditions governing these quotations on another page.

GRADE-COUNT QUOTATIONS.

Should the grade ordered be sold, state whether the next higher or lower grade may be substituted.

PEARS. Standard. } Two Years. Root Grafts. Transplanted. Kieffer.....	<i>Edison.</i>	<i>Elruge.</i>	<i>Elkmont.</i>	<i>Excel.</i>	<i>Emerge.</i>	These Kieffers are from root-grafts transplanted and cut back to the ground at one year old. The roots are three yrs. old. They are very handsome, having the appearance of budded trees
	5 to 7 feet	5 to 6 feet	4 to 6 feet	4 to 5 feet	3 to 4 feet	
	$\frac{3}{4}$ to $\frac{1}{2}$	$\frac{3}{8}$ to $\frac{1}{4}$	9-16 to $\frac{3}{8}$	$\frac{1}{2}$ to 9-16		
	Pr M \$100 " C 11	Pr M \$80 " C 9	Pr M \$65 " C 7	Pr M \$60 " C 7	Pr M \$50 " C 6	

PEARS. Standard. } Two Years. Budded on transplanted stocks	<i>Editor.</i>	<i>Eldest.</i>	<i>Elicitor.</i>	<i>Empire.</i>	<i>Entrap.</i>	<i>Enrich</i>
	$\frac{3}{4}$ and up	5 to 7 feet	5 to 6 feet	4 to 5 feet	4 to 5 feet	3 to 4 feet
	Extra	$\frac{3}{4}$ to $\frac{1}{2}$	$\frac{3}{8}$ to $\frac{1}{4}$	9-16 to $\frac{3}{8}$	$\frac{1}{2}$ to 9-16	
	Pr M \$135 " C 15	Pr M \$125 " C 13.50	Pr M \$100 " C 11.50	Pr M \$75 " C 8.50	Pr M \$65 " C 7.50	Pr M \$50 " C 6

Bartlett.....	350	1700	2400	1800	1900	2700
B. D'Anjou.....	..	..	..	70	100	770
Clapp.....	..	..	..	150	..	220
Duchess.....	..	20	..	100	150	490
Early Harvest.....	..	..	..	..	250	310
Flemish Beauty.....	..	..	..	..	60	350
Howell.....	..	..	..	..	2-0	500
Jefferson.....	..	..	..	..	140	120
LeConte.....	..	360	330	130	50	170
Smith's Hybrid.....	10	460	620	250	170	240

Ea. Harvest and Jefferson, any grade, 20 cents each, \$20 p r hundred.

THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

PEARS, Standard. One Year. Root-grafts. Kieffer..... The two larger grades are more or less branched.	} <i>Edible.</i> 5 to 6 feet Pr M \$100 " C 12 10000	} <i>Edifice.</i> 4 to 5 feet Per M \$90 " C 10 25000	} <i>Enlarge.</i> 3 to 4 feet Per M \$80 " C 9 10000	} <i>Elbow.</i> 2 to 3 feet Per M \$50 " C 6.50 15000	} <i>Elegy.</i> 1 to 2 feet Per M \$50 " C 6 10000	} These Kieffers are from root-grafts transplanted and cut back to the ground at one year old. The roots are two years old. They are very handsome, having the appearance of budded trees
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PEARS, Standard. One Year. Cuttings & Grafts. Not branched. Kieffer..... LeConte.....	} <i>Fasten.</i> 4 to 5 feet Per M \$75 " C 8 30000	} <i>Fathom.</i> 3 to 4 feet Per M \$90 " C 7 20000	} <i>Fellow.</i> 2 to 3 feet Per M \$50 " C 6 35000	} <i>Festal.</i> 1 to 2 feet Per M \$45 " C 5 15000	} These are very handsome little trees, mostly from root-grafts. They can be supplied upon their own roots, when desired. Not transplanted
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PEARS, Standard. One Year. Little if any bran. Idaho.....	} <i>Finger.</i> 5 to 6 feet Pr C \$17.50 ..	} <i>Finish.</i> 4 to 5 feet Per C \$15 500	} <i>Fizzle.</i> 3 to 4 feet Pr C \$12.50 650	} <i>Foggy.</i> 2 to 3 feet Per C \$10 350	} <i>Follow.</i> 1 to 2 feet. Per C \$6.50 100	} Budded on transplanted stocks.
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PEARS, Standard. One Year. The 5 to 6 ft. and 4 to 5 ft. trees are branched, except Garber. Bartlett..... B. D'Anjou..... Bessemianka..... Buffum..... Clapp..... Duchess..... Ea. Harvest..... Garber..... Howell..... Japan Russett..... Jefferson..... Lawrence..... Smith's Hybrid.....	} <i>Facile.</i> 5 to 6 feet Pr M \$125 " C 15 10000	} <i>Famous.</i> 4 to 5 feet Pr M \$115 " C 12.50 35000	} <i>Farmer.</i> 3 to 4 feet Pr M \$100 " C 11.50 20000	} <i>Farther.</i> 2 to 3 feet Per M \$75 " C 8 5000	} This is the handsomest lot of Standard Pears we have grown or that we have seen anywhere. They are all budded upon transplanted stocks and have well furnished roots, most of the larger sizes being nicely branched. If not wanted at one year old, keep them in mind for next year.
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Ea. Harvest and Jefferson, any grade, \$150 per thousand.

PEARS, Dwarf. Two Years. Duchess..... L. Bonne.....	} <i>Gulley.</i> 3 to 5 feet ¾ and up Pr M \$100 " C 12.50 600	} <i>Gamble.</i> 3 to 4 feet ¾ to ¾ Per M \$85 " C 10 2600	} <i>Garnet.</i> 3 to 4 feet 9-16 to ¾ Per M \$65 " C 8 2200	} <i>Gentle.</i> 2 to 3 feet ½ to 9-16 Per M \$50 " C 7.50 2300	} The Duchess d'Anjouleme still retains its reputation of being the most desirable and profitable among the varieties of pears grown as dwarfs.
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PLUMS, 2 Years. On Marianna. Well branched. DeSoto..... Forest Garden..... Hawkeye..... Marianna..... Quaker..... Rollingstone..... Satsuma..... Wcaver..... Wolf.....	} <i>Hammer.</i> 5 to 6 feet ¾ & up Pr M \$150 " C 17.50 1600	} <i>Happen.</i> 5 to 6 feet 11-16 to ¾ Pr M \$145 " C 16.50 1000	} <i>Harden.</i> 5 to 6 feet ¾ to 11-16 Pr M \$135 " C 15 870	} <i>Harrow.</i> 4 to 5 feet 9-16 to ¾ Pr M \$125 " C 13.50 800	} <i>Hasten.</i> 4 to 5 feet ½ to 9-16 Pr M \$100 " C 12.50 300	} <i>Hatter.</i> 4 to 5 feet 7-16 to ½ Pr M \$75 " C 9 600	} <i>Haven.</i> 3 to 4 ft. Pr M \$80 " C 7.50 2200
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THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

PLUMS, 1 Year	Keenly.	Keeper.	Kernel.	Kidnap.	Kindle.	Kittlen.
	5 to 6 feet % & up. Pr M \$125 " C 13.50	4 to 6 feet 9-16 to % Pr M \$115 " C 12.50	4 to 5 feet 1/2 to 9-16 Pr M \$100 " C 11.50	4 to 5 feet 7-16 to 1/2 Per M \$90 " C 10	3 to 4 feet Per M \$60 " C 7	2 to 3 feet Per M \$50 " C 6
DeSoto.....	..	300	920	2500	3600	1500
Forest Garden.....	20	580	1330	1750	1430	970
Golden Beauty.....	..	..	..	190	..	200
Hawkeye.....	..	50	280	1370	2130	1140
Newman.....	..	..	..	110	530	390
P. Pissardi.....	550	490	720	930	870	350
Pottawattamie.....	..	..	1000	1300	4100	2250
Quaker.....	30	280	400	1060	1900	730
Robinson.....	..	300	400	770	270	1400
Roulette.....	..	100	180	270	500	630
Rollingstone.....	..	80	90	320	410	200
Wayland.....	..	50	..	170	120	500
Weaver.....	..	820	1100	1610	1820	1010
Wild Goose.....	1200	2600	1700	1260	3400	1500
Whittaker.....	80	600	630	770	1350	620
Wolf.....	90	1140	1740	2110	1520	840

PLUMS, 1 Year	Lessen.	Letter.	Liking.	Limber.	Limpid	Linger.
	On Marianna. Branched. Pr M \$135 " C 13.50	Pr M \$125 " C 13.50	Pr M \$115 " C 12.50	Pr M \$100 " C 11.50	Per M \$75 " C 10	Per M \$50 " C 6
Abundance (Botan) ..	..	..	900	1650	3650	1900
Bailey.....	..	40	50	40	30	10
Burbank.....	1100	2640	1800	2000	2900	1450
Chabot.....	60	190	200	320	260	60
Hattankin.....	15	50	50	70	60	30
Normand.....	60	60	50	30	20	20
Ogon.....	..	..	110	260	290	560
P. Simoni.....	..	5200	3140	3560	1230	260
Satsuma.....	..	380	570	840	1340	1460
Shiro Shomo.....	30	20	60	60	60	20
Sweet Botan.....	30	100	250	270	520	280
Yellow Japan.....	30	140	200	330	150	110

Willard, on plum, 25 cents each. 240 2 to 3 feet. 340 1 to 2 feet.

PLUMS, 2 Years	Lobby.	Lobster.	Locket.	Lonely.	Losing.	Lover.	Lumber.
	5 ft. & up % & up Pr M \$100 " C 12.50	5 to 6 feet 11-16 to % Per M \$85 " C 11.50	5 to 6 feet % to 11-16 Per M \$90 " C 10	4 to 5 feet 9-16 to % Per M \$80 " C 9	4 to 5 feet 7-16 to 1/2 Per M \$70 " C 8	4 to 5 feet 7-16 to 1/2 Per M \$60 " C 7	3 to 4 ft. Per M \$50 " C 6
Abundance (Botan) ..	4250	4110	2500	2600	1700	1400	1500
Botankio.....	130	180	160	240	190	270	260
Burbank.....	1100	440	350	300	150	140	490
Chabot.....	60	130	150	250	160	170	180
Hattankio.....	90	120	80	200	170	160	20
Kelsey.....	340	650	650	1100	1140	1130	3200
Satsuma.....	2770	2270	1240	820	420	270	850
Sweet Botan.....	230	460	490	650	420	180	200
Yellow Japan.....	440	450	240	300	150	90	120

PLUMS, 1 Year	Listen.	Lading.	Latent.	Lavish.	Loving.	Loyal.
	5 ft. & up % & up Per M \$90 " C 10	4 to 6 feet 9-16 to % Per M \$80 " C 9.50	4 to 5 feet 1/2 to 9-16 Per M \$70 " C 8.50	4 to 5 feet 7-18 to 1/2 Per M \$60 " C 7.50	3 to 4 feet Per M \$50 " C 6	2 to 3 feet Per M \$40 " C 5
Abundance (Botan) ..	1700	1450	3100	7300	13900	6800
Burbank.....	..	530	300	1000	600	800
Chabot.....	..	130	100	140	260	100
Kelsey.....	..	530	580	1170	4900	2700
Satsuma.....	..	480	530	1090	2740	1050
Yellow Japan.....	..	20	100	210	460	160

Willard, on peach, 25 cents each. 240 2 to 3 feet. 250 1 to 3 feet.

DOMESTIC VARIETIES	Margln.	Martin.	Mature.	Mellow.	Member.	Miller.
	Little if any Branched. Per M \$60 " C 7	Per M \$50 " C 6	Per M \$45 " C 5	Per M \$40 " C 5	Per M \$35 " C 4	Per M \$30 " C 3.50
Blue Damson.....	..	25	50	..	120	20
Coe's Golden.....	370	760	1080	1810	2900	300
German Prune.....	..	1720	3140	4400	7270	630
Italian Prune.....	..	1200	1800	4500	8000	540
P. Englebert.....	530	650	760	660	980	50
Pond's Seedling.....	..	..	..	5000	9650	600
Shippers' Pride.....	10	20	40	..	270	20

THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

CHERRIES, 2 Yrs Well Branched.	<i>Oblige.</i>	<i>Oblong.</i>	<i>Octave.</i>	<i>Office.</i>	<i>Onward.</i>	<i>Oppose.</i>
	5 to 6 feet 11-16 to ¾ Pr M \$150 " C 15.50	4 to 5 feet ¾ to 11-16 Pr M \$125 " C 13.50	4 to 5 feet 9-16 to ¾ Pr M \$100 " C 11.50	4 to 5 feet ¼ to 9-16 Pr M \$75 " C 8.50	3 to 4 feet Per M \$60 " C 7	2 to 3 feet Per M \$60 " C 6

B. Tartariah.....	180	310	400	310	630	230
Dyehouse.....	..	..	750	..	680	180
Ea. Richmond.....	..	200	7300	2300	4650	1500
Eng. Morello.....	..	..	..	860	2350	1080
Esel Kirsche.....	..	240	200	150	210	70
Gov. Wood.....	300	380	400	..	270	80
L. Montmorency.....	..	600	1700	500	800	580
Manger.....	..	..	290	220	330	70
May Duke.....	..	730	1000	420	1000	360
Nap. Bigarreau.....	110	280	300	300	330	70
Olivet.....	..	1160	1300	..	950	340
Ostheim.....	..	..	..	..	810	310
Wragg.....	..	..	..	90	1040	530
G. Precoce.....	..	..	120	120	290	70
Lutovka.....	..	..	..	100	120	50
Vladimir.....	..	..	200	140	310	80

PEACH TREES. One Year. On Peach Stocks.	<i>Rancor.</i>	<i>Ransom.</i>	<i>Rattle.</i>	<i>Rebate.</i>	<i>Rectite.</i>	<i>Render.</i>	<i>Resource</i>
	5 ft. & up ¾ & up Per M \$50 " C 6	4 to 6 feet ¾ to ¾ Per M \$55 " C 6.50	4 to 6 feet 9-16 to ¾ Per M \$50 " C 6	4 to 5 feet 7-16 to 9-16 Per M \$45 " C 4.50	3 to 4 feet Per M \$35 " C 4.50	2 to 3 feet Per M \$25 " C 3	1 to 2 ft. Per M \$15 " C 2

Ark. Traveler.....	..	..	30	..	1300	530	60
Alexander.....	200	..	..	..	7800	2900	400
Amsden.....	..	..	..	..	1700	1060	100
Amelia.....	..	..	..	320	1300	800	170
Albright's October.....	..	..	30	170	920	480	140
Brigg's Red May.....	..	..	10	..	1100	640	50
Beers' Smock.....	..	..	..	930	3850	1820	290
Blood Cling.....	..	..	160	90	1200	690	220
Chinese Cling.....	80	..	140	..	1900	2300	1400
Crawford's Early.....	..	..	..	1800	5600	4000	300
Crawford's Late.....	..	..	..	1700	6300	1000	..
Crosby.....	150	..	400	700	700	600	300
Champion.....	300	250	30	150	..	..	..
Columbia.....	..	..	..	240	600	550	270
Carpenter's Cling.....	..	..	..	50	1000	700	150
Chinese Blood.....	15	20	20	20	300	120	70
Elberta.....	..	..	40	7900	9500	..	..
Early Barnard.....	..	..	..	110	2100	1400	270
Foster.....	..	..	10	..	2900	3600	700
F. St. John.....	..	..	..	..	500	250	940
General Lee.....	90	..	..	..	1200	1000	460
Heath Cling.....	..	..	50	..	4500	3800	950
Hynes' Surprise.....	..	..	..	250	1300	620	150
Hill's Chili.....	..	..	..	..	2130	1200	220
Hale's Early.....	..	..	..	370	3850	2000	370
Jessie Kerr.....	..	..	40	200	1870	1620	330
Japan Blood.....	90	..	10	..	120	190	20
Lemon Cling.....	..	..	..	500	3600	700	..
Levy's Late.....	..	..	..	70	1300	700	400
Longhurst.....	..	..	10	..	..	1060	390
Mamie Ross.....	160	110	..	130	..	20	10
Mary's Choice.....	..	..	70	150	1300	900	..
Muir.....	..	..	30	750	5820	4000	1040
Nix's Late.....	10	40	..	370	550	300	120
Nichols' Cling.....	..	10	10	250	700	700	230
Newhall.....	..	10	80	140	450	390	130
Nash.....	..	5	60	170	470	570	170
Old Mixon Free.....	..	..	70	800	2500	1680	390
do Cling.....	..	..	..	100	1200	800	180
Onderdonk.....	..	10	..	..	600	250	60
Orange Cling.....	..	..	80	260	1650	1670	470
Picquet's Late.....	..	..	..	30	400	400	270
Ringold's Mam. Cling.....	..	..	..	..	950	770	210
Reeves' Favorite.....	..	..	..	240	720	1070	430
Susquehanna.....	..	..	140	860	2560	3180	850
Salway.....	..	150	140	1220	4400	5260	2800
Snow's Orange.....	60	110	230	660	2460	1460	700
Sellers' Cling.....	..	..	60	..	510	350	50
Tuskena.....	40	60	60	..	470	380	220
Wager.....	..	200	..	500	2750	3390	1360
Wheatland.....	..	..	..	970	2900	2000	950
Washington Cling.....	..	..	..	290	640	190	130
Wonderful.....	..	..	50	1350	3500	1100	470

☞ Crosby and Champion, \$1.50 per 10, \$12.50 per 100, \$100 per 1000.

THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

PEACH TREES. One Year. On Marianna.	<i>Salver.</i>	<i>Sandy.</i>	<i>Sabbath.</i>	<i>Saddle.</i>	<i>Sunset.</i>	<i>Supply.</i>	<i>Suppose.</i>
	5 ft. & up ¾ & up Per M \$80 " C 8.50	4 to 6 feet 9-16 to ¾ Per M \$75 " C 8	4 to 6 feet ½ to 9-16 Per M \$70 " C 7.50	4 to 5 feet 7-16 to ½ Per M \$90 " C 7	3 to 4 feet 2 to 3 feet Per M \$50 " C 6	2 to 3 feet 1 to 2 ft. Per M \$35 " C 4.50	1 to 2 ft. Per M \$25 " C 3
Alexander.....	..	..	..	50	130	50	6
Crawford's Early ..	..	..	20	40	70	90	20
Elberta ..	..	..	..	..	80	120	55
Ea. Rivers.....	..	..	10	14	180	120	30
F. St. John.....	3	46	40	50	85	55	10
Family Favorite.....	5	45	60	50	118	80	15
Heath Cling.....	..	..	10	20	120	70	25
Mountain Rose ..	..	..	..	50	210	190	33
Sneed.....	20	20	40	45	250	80	15
Stump.....	2	..	20	40	170	100	35

ALMONDS and NECTARINES. 1 Year. On Peach	<i>Setter.</i>	<i>Season.</i>	<i>Secret.</i>	<i>Silver.</i>	<i>Silent.</i>	<i>Solvent.</i>	<i>Summer</i>
	5 ft. & up ¾ & up Per M \$50 " C 6	4 to 6 feet ¾ to ¾ Per M \$55 " C 6.50	4 to 6 feet 9-16 to ¾ Per M \$50 " C 6	4 to 5 feet 7-16 to 9-16 Per M \$45 " C 5	3 to 4 feet 2 to 3 feet Per M \$35 " C 4.50	2 to 3 feet 1 to 2 ft. Per M \$25 " C 3	1 to 2 ft. Per M \$15 " C 2
Princess, Almond....	50	230	320	830	900	320	60
Sultana, ".....	5	25	65	190	800	850	400
Boston, Nectarine..	15	45	360	850	870	290	70
New White, ".....	35	60	180	1640	4200	2340	1180

Russian Apricots. One Year. On Marianna.	<i>Under.</i>	<i>Uttry.</i>	<i>Ulster.</i>	As the quality of hard- ness is the chief recommen- dation urged in favor of Russian Apricots, we grow them only on plum roots.
	4 to 5 feet 7-16 to 9-16 Per M \$60 " C 7.50	3 to 4 feet Per M \$50 " C 7	2 to 3 feet Per M \$35 " C 6	
Catherine.....	2120	1570	340	
Gortschakoff	460	390	220	
Skobeloff.....	430	360	210	

Common and Japan Apricots.	<i>Vanity.</i>	<i>Vacate.</i>	<i>Valiant.</i>	<i>Vapor.</i>	<i>Vassal.</i>	<i>Vampire.</i>
	4 to 6 feet ¾ & up Per M \$75 " C 8	4 to 6 feet 9-16 to ¾ Per M \$70 " C 8	4 to 5 feet ½ to 9-16 Per M \$65 " C 7	4 to 5 feet 7-16 to ½ Per M \$60 " C 6.50	3 to 4 feet 2 to 3 feet Per M \$50 " C 6	2 to 3 feet Per M \$35 " C 5
Blenheim.....	80	60	75	90	180	200
Harris.....	10	20	30	80	310	470
Hemskirke.....	30	8	5	45	200	350
E. Early.....	40	20	30	60	260	240
Luizet.....	65	85	110	260	420	140
Moorpark.....	30	80	60	..	670	1040
Peach.....	30	50	..	..	230	306
Royal.....	330	400	780	560	3600	3370
Santa Fe.....	40	40	30	40	340	330
St. Ambrose.....	20	10	20	30	320	410
Bungoume, Japan...	30	60	..	270	40	50
Gold Dust, ".....	3	6	..	13	100	120
Hubbard ".....	..	..	..	2	40	105

MULBERRIES. One Year.	<i>Wabble.</i>	<i>Wagon.</i>	<i>Wander.</i>	The growth of Mulberries continues so late that we cannot dig and ship them in good condition before the middle to end of October.
	5 to 6 feet Pr M \$125 " C 12.50	4 to 5 feet Pr M \$100 " C 11	3 to 4 feet Per M \$75 " C 8.50	
Hicks.....	500	1360	490	

QUINCES. One Year Grafts Orange.....	<i>Tactics.</i>	<i>Tadpole.</i>	<i>Taffy.</i>	Our Quinces are all graft- ed from wood cut from bear- ing trees, so that we know them to be genuine. It is impossible to keep a lot of budded quinces pure.
	3 to 4 feet Per M \$90 " C 9.50	2 to 3 feet Per M \$70 " C 7.50	1 to 2 feet Per M \$50 " C 4.50	
Orange.....	550.	8750	5230	

HEIKES--HUNTSVILLE--TREES.

Always address all correspondence to

W. F. HEIKES, Manager,
HUNTSVILLE, ALABAMA.

THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

Terms and Conditions Covering Quotations in the Price List of the Huntsville Wholesale Nurseries.

RATES.—As we send this list to the trade only, we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. We uniformly tie in bunches of 10, when consistent with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety, will be charged at the rate per hundred. Orders requiring 300 trees or more, and not less than 10 of a variety, will be filled at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

SEASON.—Our packing and shipping season begins by the 20th of September, and continues until about the first of March.

We have great advantages to offer here in early shipments for the North in Spring. We do not accept orders for trees we do not grow, as we never buy trees to sell again. You can depend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

SHIPPING DIRECTIONS.—We respectfully beg our patrons to furnish us with explicit directions as to shipping, and the mode of conveyance by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. *But in no case do we assume any responsibility as to safe delivery and condition of Trees and Plants after a proper shipment by us.*

RELEASE.—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Value less than \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the contrary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

PACKAGES.—The cost of package must be added to the prices quoted in this list, as follows:

Boxes 30 inches square, from 7½ to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

PACKING.—Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

ASSORTMENTS.—We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without permission.

CAUTION.—We accept all orders upon the condition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control.

TERMS.—Cash. When desired, we will allow 30 to 60 days from date of shipment, to responsible.

prompt-paying customers. Parties with whom we have had no business transactions, will save time by sending reference, Bank, if possible, with order. We wish it expressly understood that payment is expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To northern customers, who wish to lay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 3 per cent. per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to stand.

FORMS OF PAYMENT.—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, however, accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange", or add ½ of one cent, to the amount of the bill for the cost of collection.

GRADES.—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the 4 feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet grade must be ordered.

GUARANTEE OF GENUINENESS.—While we exercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that shall prove untrue.

ACCEPTANCE.—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the boxes in which they are packed, without notice of complaint to us, and without our orders for their disposition.

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	Per 1000
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Idaho " " " ".....	125 00
" " " 3 to 4 ft.....	100 00
LeConte " " 4 to 6 ft.....	75 00
" " " 3 to 4 ft.....	60 00
Abundance, on plum, 2 years, 4 to 6 ft..	150 00
Satsuma " 1 year, 3 to 4 ft..	50 00
Marianna plum stocks, 1 year, No. 1....	6 00
" " " " No. 2.....	5 00
Hick's Mulberries, 1 year, 5 to 7 ft.....	90 00
" " " 4 to 5 ft.....	75 00
" " " 3 to 4 ft.....	65 00
Pecans, 1 year Seedlings, 6 to 12 inches.	25 00
Baltimore Belle Roses, 1 year, No. 1....	60 00
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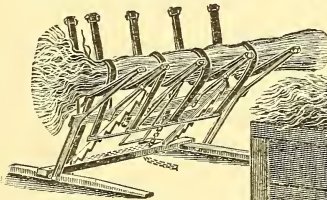
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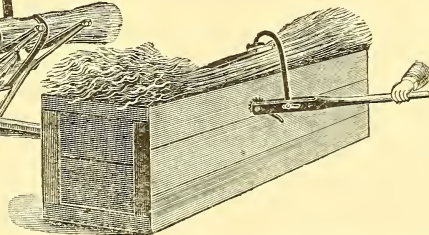
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Length of Blade, 13 inches.

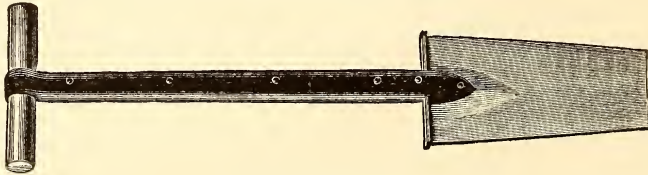
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" " " "	2-3 mm, at 60 "	" "
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" " " "	4-8 mm, at 95 "	" "
" " " "	1-2 mm, at 58 "	" "
Plum, St. Julien } (true)	3-6 mm, at 24 "	10,000

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