## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

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6201
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## Terms and Conditions

## Shipments

Please state how you want shipments made, whether by freight or express; also route. Where no instructions are given, we will ship as we think best serves purchaser's interests without assuming responsibility. The risk and cost of transportation belong to purchaser.

## Credit

Usual terms to parties of known responsibility. We will not accept orders until we believe the buyer is good for the account. Cash before shipment required from parties unknown to us, or references with sufficient time for investigation before shipment.

## Prices

We quote prices per 10 , per 100 , and per 1000 , as our stock warrants, and will supply nurserymen and dealers at prices named regardless of the size of the order, except in cases of long, assorted lists of small quantities, when an additional charge will be made to cover the extra labor involved. Prices are subject to market changes.

## Grades and Grading

We grade liberally by caliper and height. When both are specified, caliper measure governs, but we are careful to see that stock is uniform throughout. Our rule is "When in doubt, put it in the lower grade."

All stock is graded and bunched in our storage houses where we have water in abundance. Stock is handled from field to these buildings under large tarpaulins and roots kept moist until boxed.

## Bunching

Fruit trees, 1 to 2, 2 to 3 , and 3 to 4 feet are tied twenty-five to the bunch; all larger grades, ten to the bunch. Please make your orders in multiples of these quantities.

## Liability and Claims

We are not liable for injury to stock from frost, hail, fire or other causes beyond our control, and book all orders with this understanding. While we use every means at our command to secure prompt delivery, we are not liable for delays in transit; our responsibility ends upon delivery in good order to railway company. Remedy for loss must lie between the buyer and the railway company, but we will gladly render all the aid we can. Any other claims must be made immediately after receipt of stock.

## Guarantee of Genuineness

We exercise the greatest care to keep our varieties pure and true to name, and hold ourselves in readiness at all times to replace, on proper proof, all stock that may prove otherwise, or refund the amount paid; but it is mutually agreed between the purchaser and ourselves that we shall not be liable for any amount greater than the original purchase price.

## Substitution

We do not substitute unless instructed to do so, and then label true to name.

## Code Words-Telegraphic Orders

When more than one grade is listed, a code word is used. While this code is designed particularly for telegraphic orders, it should be more generally used when placing mail orders,-so much easier and quicker to simply write the one word which gives us all the information regarding the grade of stock wanted. Much expense can be saved in telegraphic orders by using these code words in connection with Nurserymen's Telegraphic Code, a copy of which we will mail upon request.

## Boxing

Charges as low as possible for well-made boxes, paper-lined :


$18 \times 24$-in. heads, 7 to 9 feet in length .-.-........................................... 175



On orders for roses, small fruits, etc., we can frequently use dry-goods cases or shoe boxes at lower cost and shall endeavor at all times to make lowest possible charges.

Bales, 25 cents to $\$ 1.50$, according to size.
No packing charge if loaded in bulk car.

## References

For those who do not know us, we refer to any bank or business house in Huntsville, the Commercial Agencies, and the leading nurserymen of the United States.

"All aboard for Memphis and the West." Union passenger station at Chase. Packing house beyond. Side-tracks on two lines of railroad

## Fruit Department <br> APPLES

| One Year |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  | Code | Per 1000 |
| 1 year, 4 to 5 feet, mostly whips |  | Abase | \$80 00 |
| 1 year, 3 to 4 feet, mostly whips |  | Abash | 6500 |
| 1 year, 2 to 3 feet, mostly whips |  | Abet | 4500 |
| Ark. Mam. Blacktwig | Horse | Yates |  |
| Ben Davis | Hyslop | Transcendant |  |
| Caroline Red June | Jonathan | Wine Sap |  |
| Early Harvest | Kinnard's Choice | Yellow Transp | arent |
| Gano | Pound Royal | York Imperial |  |
| Hackworth | Rome Beauty |  |  |

## PEARS, STANDARD

## Two Year, Budded on French Roots

| 2 years, 6 to 8 feet, $3 / 4$ to 1 inch, well branched - |  | Pace | \$125 00 |
| :---: | :---: | :---: | :---: |
| 2 years, 5 to 7 feet, 5/8 to $3 / 4$ inch, well branched2 years, 4 to 6 feet, $9-16$ to $5 / 8$ inch, well branched |  | Pack | 9000 |
|  |  | Pad | 7000 |
| 2 years, $31 / 2$ to 5 feet. $1 / 2$ to $9-16$ inch, branched |  | Page | 6000 |
| 2 years, 3 to 4 feet. whips and branched |  | Palate | 5000 |
| Duchess | Jap. Golden Russett | Le Conte |  |
| Early Harvest | Koonce | Vermont Beauty |  |
| Flemish Beauty | Kieffer | Wilder's Early |  |
| Garber | Lawrence | Lincoln Coreless |  |
| Howell |  |  |  |

## One Year, Budded on French Roots

| 1 year, 5 to 6 feet, mostly whips1 year, 4 to 5 feet, whips .---- |  | Pail | \$135 00 |
| :---: | :---: | :---: | :---: |
|  |  | Pain. | 12000 |
| 1 year, 3 to 4 feet. whips |  | Pang | 9000 |
| 1 year, 2 to 3 feet, whips |  | Panic | 6500 |
| Bartlett | Clapp's Favorite | Seckel |  |
| Beurre d'Anjou | Howell |  |  |

## Dwarf Pears

| 2 y | Pass | \$850 |
| :---: | :---: | :---: |
| 2 years, 3 to 4 feet, $1 / 2$ to $5 / 8$ in | Paste | 650 |

Duchess d'Angouleme

## APRICOT

One Year on Peach

| Alexander | Gibb | Royal |
| :--- | :--- | :--- |
| Alexis | Harris | Superb |
| Budd | Moorpark | Wilson |
| Early Golden | Peach |  |



Some good Two Year Cherry

## CHERRY

## Two Year on Mahaleb

| Two Year on Mahaleb |  | Code | Per 1000 |
| :---: | :---: | :---: | :---: |
|  |  | Cab | \$125 00 |
| 4 to 6 feet, $5 / 8$ to $3 / 4$ in | 11 branched | Cable | 10000 |
| 4 to 5 feet, $9-16$ to $5 / 8$ | ell branched | Cad | 7500 |
| 3 to 5 feet, $1 / 2$ to $9-16$ | ell branched | Cage | 7000 |
| 3 to 4 feet, well bran |  | Cake | 5000 |
| 2 to 3 feet, branched |  | Calf | 3500 |
| Baldwin | Gov. Wood | Ostheime |  |
| Black Tartarian | May Duke | Terry |  |
| Dyehouse | Montmorency, Large | Windsor |  |
| Early Richmond | Montmorency, Ord. | Wragg |  |
| English Morello | Napoleon Big. | Yellow Spa |  |

Sweet Cherry, One Year, mostly whips

| 6 to 8 feet, strong |  | Cam | \$150 00 |
| :---: | :---: | :---: | :---: |
| 5 to 6 feet, strong |  | Cameo | 12500 |
| 4 to 5 feet |  | Camp | 10000 |
| 3 to 4 feet |  | Canal | 8000 |
| Black Eagle Black Tartarian | Gov. Wood Napoleon | Windsor Yellow Spanish |  |

## COMPASS CHERRY, One Year on Peach and Plum

5 to 6 feet
4 to 5 feet
3 to 4 feet
2 to 3 feet

Our stock of Nurserymen's Supplies is carried at Chase Station, and with the exception of printed matter we make shipment next train after receipt of order.


Coming through the Oldmixon's

## PEACH

## One Year and June Buds

Code
Per 1000


NECTARINE
Per 100

| 6 to 8 feet, | Noble | \$1500 |
| :---: | :---: | :---: |
| 5 to 6 feet, well branched | Nod | 1250 |
| 4 to 5 feet, well branched | Noise | 1000 |
| 3 to 4 feet, lightly branched | Nomad | 800 |
| 2 to 3 feet, lightly branched | Nook | 600 |

2 to 3 feet, lightly branched
New White

# PLUM <br> One and Two Year on Plum and Peach 

|  | Code | Per 1000 |
| :---: | :---: | :---: |
| 5 to 6 feet, $3 / 4$ to 1 inch, well branched | Place | \$160 00 |
| 4 to 6 feet, $5 / 8$ to $3 / 4$ inch, well branched | Plague | 14000 |
| 4 to 6 feet, $9-16$ to $5 / 8$ inch, well branched | Plaid | 12000 |
| 4 to 5 feet, $1 / 2$ to 9-16 inch, branched | Plain | 10000 |
| 3 to 4 feet, whips and branched | Plait | 7500 |


| Abundance | Shropshire Damson | Wickson |
| :--- | :--- | :--- |
| Burbank | German Prune | Wild Goose |
| Chabot | Red June |  |

## QUINCE

Two Year Per 100

| 3 to 4 feet, $7-16$ to $1 / 2$, branched | Quail | \$10 00 |
| :---: | :---: | :---: |
| 3 to 4 feet, under 7-16, branched | Quake | 750 |

## MULBERRIES

One Year, Grafted

| 6 to 8 feet, strong whips |  | Maize | \$20 00 |
| :---: | :---: | :---: | :---: |
| 5 to 6 feet, strong whips |  | Majority | 1750 |
| 4 to 5 feet, strong whips |  | - Major | 1500 |
| 3 to 4 feet, whips |  | Malady | 1200 |
| Abundance | Downing | New American |  |
| Black English | Hicks |  |  |

RUSSIAN MULBERRY 50 per cent off above price

## JAPANESE PERSIMMON

## One Year, Grafted

| 3 to 4 feet, whips |  | Pie | \$1500 |
| :---: | :---: | :---: | :---: |
| 2 to 3 feet, whips |  | . Pier | 1000 |
| Hyakume | Tane-Nashi | Zengi |  |
| Okame | Yemon |  |  |

## FIGS

One and Two Years

| 3 to 4 feet, whips | Fable | \$12 50 |
| :---: | :---: | :---: |
| 2 to 3 feet, whips | Face | 900 |
| 18 to 24 inches, whips | Fact | 600 |
| 12 to 18 inches, whips | - Fate | 400 |
| Brown Turkey Celestial | White Adriatic |  |

## ORANGE AND POMEGRANATE

SATSUMA ORANGE-Our experience last year with imported trees was not satisfactory; this year our trees are grown in Florida, budded on Citrus Trifoliata, and will, we believe, give better satisfaction to the trade than imported stock. Furthermore, the uncertainty of the date of arrival is obviated, and shipment can be made any time after stock is matured.

Prices, F.O.B. shipping point in Florida; 1 to 2 feet, each ......... 30 cents
2 to 3 feet, each ......... 35 cents
3 to 4 feet, each ....-. 45 cents
Per 100

18 to 24 inches ----------------------1500 150


Looking down the valley from Chase

| NUT TREES Code Per 100 |  |  |
| :---: | :---: | :---: |
| ALMOND, Princess. Soft shell. 4 to 5 feet | Nab | \$1500 |
| 3 to 4 feet | Nabob | 1000 |
| 2 to 3 feet | Nag | 600 |
| CHESTNUT, Japan Mammoth. 3 to 4 feet | Native | 1500 |
| 2 to 3 feet | Nature | 1250 |
| Spanish. 5 to 6 feet | Naval | 1500 |
| 4 to 5 feet | Navy | 1250 |
| 3 to 4 feet | Nay | 900 |
| 2 to 3 feet | Neap | 700 |
| 18 to 24 inches | Near | 500 |
| PECANS, Seedlings from Selected Nuts- |  |  |
| 4 to 5 feet- | Neat | 1500 |
| 3 to 4 feet | Neb | 1200 |
| 2 to 3 feet. | Neck | 900 |
| 18 to 24 inches | Nectar | 600 |
| 12 to 18 inches | Nee | 500 |
| We dig Pecans with tree-digger, furnishing 12 to 15 ins. of root |  |  |
| PECANS, Grafted. 2 to 3 feet | Negus | 3750 |
| 1 to 2 feet | Neigh | 3000 |
| Pabst Stuart | Van Dem |  |
| Russell Taylor | Frotsche |  |
| WALNUT, English- |  |  |
| 2 to 3 feet, whip and branched- | Nerve | \$12 50 |
| 18 to 24 inches, whip and branched | Nest | 800 |
| 12 to 18 inches, whip and branched | -Net | 500 |
| Japan. 2 to 3 feet | Network | 800 |
| 18 to 24 inches, | - Neuter | 600 |
| 12 to 18 inches, | Never | 500 |
| Cordiformis Sieboldiana |  | Per 1000 |
| Black. 5 to 6 feet | Netting | \$100 00 |
| 4 to 5 feet | New | 8000 |
| 3 to 4 feet. | Next | 5000 |
| 2 to 3 feet - | Nib | 2500 |
| 18 to 24 inches | Nibble | 1000 |



Our Fruit Stocks are the Franco-American Brand and give results

## SEEDLINGS

We received eight full car loads Imported Fruit Tree and Ornamental Seedlings from France last season. This stock is grown for us under contract, the grading and packing cannot be surpassed. Conditions in France this season have been unfavorable and Mahaleb and Pear will be scarce.

Prices on Application

## Imported Seedlings

Cherry, Mahaleb, 5 to 10 mm .
Quince, Angers, 5 to 7 mm .
Myrobolan, 5 to 7 mm .
Apple, 7 to 10 mm .

Pear, Branched, 7 to 12 mm .
Pear, Branched, 5 to 7 mm .
Myrobolan, 3 to 5 mm .
Apple, 5 to 7 mm .

Complete list of Imported Evergreens, Shrubs, Ornamentals, Climbers, ctc. for transplanting, mailed in January.

## Apple Seedlings, American Grown

No $1,3 / 18$ and up, straight roots No. 2, 2/16 to $3 / 16$, straight roots
No. 2, 2\% ${ }^{2}$, to ${ }^{3} 16$, branched roots No. 3, under $2 / 16$, str. \& br. roots
Prices on Application
GRAPES

|  | Code | 2 year <br> No. 1 <br> Per 1000 | 2 year <br> No. 2 <br> Per 1000 |
| :---: | :---: | :---: | :---: |
| Catawba | Gap | \$ 4000 | \$ 3000 |
| Concord | Gad | 2750 | 2000 |
| Delaware | Gag | 4500 | 3500 |
| Ives Seedling | Gain | 3000 | 2000 |
| Lutie (one year) | Game | 5000 | 3500 |
| Moores Diamond | Garb | 4500 | 3500 |
| Moores Early | Gaze | 4500 | 3500 |
| Niagara | Gay | 4500 | 3500 |
| Worden | -Gavel | 4000 | 3000 |
| Scuppernong, White | .Gem | 9000 |  |
| Scuppernong James, (Black) | Giant | 9000 |  |

## STRAWBERRIES

Direct shipment from Illinois, where they are grown for us on contract. Early shipments should go by express in open crates. Can ship in late fall and winter in ventilated barrels by freight. We offer six of the best varieties for general cultivation, named in their order of ripening. Packed for shipment, f.o.b. shipping point, per thousand, $\$ 2.00$.
1 Excelsior
3 Klondyke
5 Aroma
2 Lady Thompson
4 Senator Dunlap
6 Gandy

## SMALL FRUITS


Per 1000
Pomona Red White Grape Wilder Red


Ohmer Taylor Snyder

Kansas, Cumberland (Blackcaps) transplanted -------.-- 2000
"" " " tips --------------------------- 1250
Tips are tender and cannot be shipped before Nov. 15
DEWBERRY, Austin. 2 years, transplanted ....-.-..................... 1250



PEACH SEED

For years before we got into the nursery business in Alabama we handled Peach Pits in North Carolina. We get them first hand and have always made delivery. They are gathered in districts free of Yellows, are the kind you should plant. Price on application.


## Ornamental Department EVERGREEN SHRUBS

| B0X, Tree. 30 to 36 ins | Code <br> Hackle | $\begin{array}{r} \text { Per } 100 \\ \$ 2500 \end{array}$ |
| :---: | :---: | :---: |
| 24 to 30 ins | Had | 2000 |
| 18 to 24 ins | Habit | 1500 |
| 12 to 18 ins | Hack | 1000 |
| Dwarf. 8 to 12 ins | Haft | 750 |
| 4 to 8 ins | Hail | 500 |
| EUONYMUS Japonica. 24 to 30 ins. | Hair | 2000 |
| 18 to 24 ins. | Hall | 1500 |
| 12 to 18 ins | Halter | 1000 |
| GARDENIA (Cape Jasmine). 2 to 3 feet | Hamiet | 2500 |
| 18 to 24 ins | Hamper | 1500 |
| PRIVET, Japan (LigustrumJaponica) 3 to 4 feet | Hang | 1500 |
| 2 to 3 feet | Hanger | 1000 |
| RHODODENDRONS, Named Varieties. |  |  |
| Without flower buds. 18 to 24 ins |  | 3000 |
| 12 to 18 ins |  | 2000 |



Some good Barberry Thunbergii at Chase

## DECIDUOUS SHRUBS

| ALTHEA, see page 15. | Per 10 | Per 100 |
| :---: | :---: | :---: |
| AMORPHA fruticosa (False Indigo) 4 to 6 ft ..... Saber | *125 |  |
| ARALIA pentaphylla (Five leaved Angelica) |  |  |
|  | 125 |  |
| spinosa (Hercules Club) 6 to 8 feet .......... Sabot | 300 |  |
| 5 to 6 feet ...............................-. Sac | 250 |  |
|  | 200 |  |
| BERBERIS purpurea (Purple Leaf Barberry) |  |  |
| 18 to 24 inches ---------------------------Sack |  | \$800 |
| Thunbergii (Japan Barberry) 18 to 24 ins .-..-Sthehet |  | 8 (1) |
|  |  | 600 |
| vulgaris (Green Barberry) 2 to 3 feet...-....-. Sad |  | 810 |
| 18 to 24 ins --........-.-.-.-.-.-.-.-.- Sadly |  | 700 |
| CALYCANTHUS floridus (Sweet Shrub) |  |  |
| 3 to 4 feet .-. ... -.-.......-. Saddle |  | 1200 |
| 2 to 3 feet..................-.......-.-. Safe |  | 10 \% |
| 18 to 24 ins .........................-. Sately |  | 8 (0) |
| CARAGANA arborescens (Siberian Pea Shrub) |  |  |
|  | 100 |  |
| 12 to 18 ins --.-.-------------------------- Sage |  | 700 |
| CARYOPTERIS mastacanthus (Blue Spirea) |  |  |
|  | 150 |  |
| 18 to 24 ins ------------------------------ Said |  | 1000 |
| CEPHALANTHUS occidentalis (Button Bush) |  |  |
|  | 125 |  |
|  |  | 900 |
| CORNUS sanguinea (Red Bran. Dogwood) |  |  |
|  | 125 |  |
|  | 100 |  |
| CYDONIA Japonica (Japan Quince) 2 to 3 feet--. Satute | 100 |  |
| 18 to 24 ins -----------..---------------- Sap |  | 800 |
| DESMODIUM Penduliflorum. 2 year clumps ...-Scene | 200 |  |

## DECIDUOUS SHRUBS Continued




Hydrangea arborescens sterilis at Chase. This block attracts so much attention we hate to dig it, but need the money


## DECIDUOUS SHRUBS Continued

| HYPERICUM densiflorum (St. John's Wort) | Code | Per 10 | Per 100 |
| :---: | :---: | :---: | :---: |
| 2 to 3 feet | Sent | \$150 |  |
| Moserianum (Gold Flower) 18 to 24 ins | Seek | 125 |  |
| KERRLA Japonica (Globe Flower) 2 to 3 ft - | Sew | 150 |  |
| 18 to 24 ins | Serve |  | \$10 00 |
| LAGERSTROEMIA Indica (Crepe Myrtle) |  |  |  |
| 3 to 4 feet | Shade | 250 |  |
| 2 to 3 feet | Shady |  | 1500 |
| 18 to 24 ins | Shake |  | 1000 |
| LONICERA (Upright Honeysuckle) in variety |  |  |  |
| 2 to 3 feet | Shape |  | 1000 |
| 18 to 24 ins | Sham |  | 800 |
| Fragrantissima Tartarica Alba |  |  |  |
| Morrowii Tartarica Rubra |  |  |  |
| PHILADELPHUS aurea (Golden Syringa) |  |  |  |
| 12 to 18 ins | Share |  | 1000 |
| coronarius (Sweet scented Syringa) |  |  |  |
| 2 to 3 feet. | Shark | 125 |  |
| 18 to 24 ins | Shave |  | 1000 |
| grandiflorus (Large Flowering Syringa) |  |  |  |
| 2 to 3 feet | Shaut | 125 |  |
| 18 to 24 ins | She |  | 1000 |
| RHAMNUS Catharticus (Buckthorn) 4 to 5 ft | - Sheet |  | 1000 |
| 3 to 4 feet | Shell |  | 700 |
| RHUS cotinus (Purple Fringe) 4 to 5 feet | Shine | 150 |  |
| 2 to 3 feet | Shock |  | 1000 |
| typhina laciniata (Cut-leaf Sumac) 4 to 5 | -Shoe | 200 |  |
| 3 to 4 feet | -Shop | 150 |  |
| 2 to 3 feet. | Shy | 100 |  |
| SAMBUCUS aurea (Golden Elder) 2 to 3 ft | -Shun | 125 |  |
| 18 to 24 ins | Side |  | 800 |
| SPIREA |  |  |  |
| Anthony Waterer, 2 to 3 feet | - Sieve | 125 |  |
| 18 to 24 ins | Sift |  | 900 |
| 12 to 18 ins | Sight |  | 600 |
| Arguta, 18 to 24 ins | Sign | 100 |  |
| 12 to 18 ins | Signal |  | 600 |
| Bumalda, 2 to 3 feet | Sill | 125 |  |
| 18 to 24 ins | Silver |  | 900 |
| Callosa alba, 18 to 24 ins | Simple | 100 |  |
| 12 to 18 ins | Singe |  | 600 |
| Callosa rubra 2 to 3 feet | Sip | 125 |  |
| 18 to 24 ins | Skate |  | 900 |
| Reevesiana flore pleno, 3 to 4 feet | Smiles |  | 1250 |
| 2 to 3 feet | Smoke |  | 1000 |
| Van Houttei, 3 to 4 feet | Snap |  | 800 |
| 2 to 3 feet | Snake |  | 600 |
| 18 to 24 ins | Snag |  | 400 |
| STEPHANANDRA flexuosa, 2 to 3 feet | - Sore | 100 |  |
| 18 to 24 ins | Sort |  | 700 |
| SYMPHARICARPOS vulgaris (Indian Currant) |  |  |  |
| 3 to 4 feet | Soul |  | 1000 |
| 2 to 3 feet | Soup |  | 700 |
| 18 to 24 ins | - Sow |  | 600 |
| SYRINGA vulgaris (Common Lilac) 2 to 3 ft | Space | 100 |  |
| 18 to 24 ins --------------... | span |  | 600 |
| vulgaris alba (Common White Lilac) |  |  |  |
| 2 to 3 feet | Spar | 125 |  |
| 18 to 24 ins | - Spear |  | 1000 |

## DECIDUOUS SHRUBS Continued




We think we have a larger stock and better assortment of this popular shrub than any firm in America. Altheas are not entirely hardy North, but in the South they are perfectly at home and should be more generally used, as they flower in profusion in late summer when few other shrubs are in blossom. There is a great range of color in both single and double forms. A good collection of these plants where they can be seen by retail buyers will surely result in profitable business. We recommend the one year grades Aisle and Alarm for lining out in nursery rows.

## ALTHEAS

Bush Form


Amplissima, very dble; dark rose Anemonaeflorus, dble dark red Ardens, double violet
Boule de Feu, dble bright red
Carnea plena, semi-dble rose
Coelestis, single blue
Duchess de Brabant, dble red
Grandifora superba,
semi-dble rosy white
Jeanne d' Arc, dble pure white
Monstrosus, semi-double white
Pulcherrima, semi-dble rosy white
Rubis, single red
Rubra plena, dble red
Souv. Chas, Breton, single violet
Speciosa, dble fleshy white
Totus albus, single pure white

Per 100
Meehanii, variegated leaf, pur. flower, 18 to 24 ins
Alcove
$\$ 1500$
Alder
1000

Tree Form

| 4 to 5 feet, $5 / 8$ to $3 / 4$ ins | Alien | 1250 |
| :---: | :---: | :---: |
| 4 to 5 feet, 9-16 to 5/8 ins. | Alight | 1000 |
|  |  | 800 |

Ardens, dble violet
Boule de Feu, dble bright red
Duchess de Brabant, dble red
Jeanne d' Arc, dble pure white

Pulcherrima, semi-dble rosy white
Rubis, single red
Rubra Plena, dble red


Tree Althea

Freehold, N. J. May 2nd, 1910.-"Enclosed find check for $\$ 103.28$ in full for stock purchased. Peach trees were very satisfactory and have heard nothing but praise for them.'


Small section of Evergreen block at Chase

## EVERGREEN TREES



THUYA Elwangeriana [Tom Thumb Arborvitæ]


## EVERGREEN TREES Continued

| THUYA, Continued Code | Per 10 | Per 100 |
| :---: | :---: | :---: |
| globosa [Globe Arborvitæ] 18 to 24 ins. .-... Elate | \$300 |  |
|  | 250 |  |
| Hoveyi [Hovey's Golden Arborvitz] 2 to 3 ft . Elegy | 350 |  |
|  |  | \$2500 |
| Lobbii [Lobb's Golden Arborvitæ] 2 to 3 ft ...-Elk |  | 2500 |
|  |  | 2000 |
| occidentalis [American Arborvitz] 4 to 5 ft . Else | 400 |  |
|  |  | 2500 |
|  |  | 1500 |
|  |  | 1250 |
| pyramidalis [Pyramidal Arborvitæ] 4 to 5 ft . Empty | 500 |  |
|  |  | 3500 |
| TSUGA Canadensis [Hemlock Spruce] |  |  |
|  | 400 |  |
| 24 to 30 ins..------------------------------Engulf |  | 3000 |
|  |  | 2500 |

Evergreens above described have been at least twice transplanted; plants are grown wide apart in rows, giving each one room to develop, and are perfect specimens. We will use every precaution in handling evergreens to keep roots from exposure, but we recommend digging them with a ball and burlapping. For price handled in this manner, add ten cents per plant to the grades three feet and up, five cents per plant to the two to three feet grade and smaller.

## ORNAMENTAL TREES

| ASH, European Mountain. 8 to 10 feet6 to 8 feet | Code | Per 10 | Per 100 |
| :---: | :---: | :---: | :---: |
|  | - Oak | *200 |  |
|  | Oakum. | 150 |  |
| BIRCH, White. 8 to 10 feet6 to 8 feet | Ode | 250 |  |
|  | Odor | 175 |  |
| 5 to 6 feet | Offend |  | *1500 |
| ELM, American. 10 to 12 feet | - Office | 350 |  |
| 8 to 10 feet | Offing | 300 |  |
| 6 to 8 feet | -Obey |  | 2000 |
| Corkbark. 6 to 8 feet | . Obit | 250 |  |
| 5 to 6 feet | Oblige | 175 |  |
| English. 8 to 10 feet | -_Oblong | 250 |  |
| 6 to 8 feet feet | Obtain |  | 2000 |
| 5 to 6 feet - | - Oft |  | 1250 |
| Scotch. 8 to 10 feet | Often | 300 |  |
| 6 to 8 feet | Og |  | 2000 |
| 5 to 6 feet | Ogte |  | 12.50 |
| LARCH, European. 8 to 10 feet | - Oil | 300 |  |
| 6 to 8 feet. | Oint | 250 |  |
| MAGNOLIA, Acuminata. 3 to 4 feet | - Olden | 250 |  |
| 2 to 3 feet ------------ | - Omega | 200 |  |
| Grandiflora. 3 to 4 feet | - Omen | 375 |  |
| 2 to 3 feet | . Omit |  | 3000 |
| 18 to 24 ins | - Once |  | 2500 |
| MAIDENHAIR. 6 to 8 feet | - Onion | 300 |  |
| 5 to 6 feet | Onward | 250 |  |
| MAPLE, Norway. 8 to 10 feet | - Onyx | 175 |  |
|  | - Ooze | 350 |  |
| 6 to 8 feet | Opal |  | 3000 |
| 5 to 6 feet. | Open |  | 25 (0) |
| Silver. 12 to 14 feet10 to 12 feet | Opera | 400 |  |
|  | Operate |  | 3000 |
| 8 to 10 feet | . Opiate |  | 20 (1) |

## ORNAMENTAL TREES Continued

| MAPLE, Silver, Continued | Code | Per 10 | Per 100 |
| :---: | :---: | :---: | :---: |
| 6 to 8 feet | Opinion |  | \$1500 |
| 5 to 6 feet | Opium |  | 1250 |
| Sugar. 6 to 8 feet | Opposite | \$2 50 |  |
| 5 to 6 feet | Opossum | 200 |  |
| Weirs Cut Leaf. 10 to 12 feet | -Oppress | 400 |  |
| 8 to 10 feet | Optic | 300 |  |
| 6 to 8 feet | Ore |  | 2500 |
| 5 to 6 feet | Organ |  | 1750 |
| MULBERRY, Teas Weeping. I year heads | -Option | 500 |  |
| OAK, Pin. 8 to 10 feet | Oracle | 500 |  |
| 6 to 8 feet | Oral | 400 |  |
| 5 to 6 feet | Orator | 300 |  |
| PEACH, Double Red and White. 6 to 8 feet | Orbit | 200 |  |
| 4 to 5 feet | Ordain | 150 |  |
| 3 to 4 feet | Ordeal | 125 |  |
| POPLAR, Carolina. 10 to 12 feet, well bran | -Organic |  | 1500 |
| 8 to 10 feet .-------------- " | -Orient |  | 1000 |
| 6 to 8 feet | Origin |  | 800 |
| Lombardy. 10 to 12 feet | Oriole |  | 2000 |
| 8 to 10 feet | Orion |  | 1500 |
| 6 to 8 feet | - Orison |  | 1000 |
| 5 to 6 feet, branched | . Ornate |  | 750 |
| Norway. 10 to 12 feet, well bran | -Orphan |  | 1750 |
| 8 to 10 feet .....-- | -Orphic |  | 1500 |
| 6 to 8 feet-......... " | - Osier |  | 1250 |
| 5 to 6 feet, branched | _ Ossijy |  | 1000 |

NOTE-We have a larger stock of Carolina, Lombardy and Norway Poplar than this list would indicate; can furnish several cars calipering one in. and up. If interested ask for special price on caliper grades in quantity.

| Tulip. 8 to 10 feet, well bran | Otter | 200 |  |
| :---: | :---: | :---: | :---: |
| 6 to 8 feet -...-- | - Ouch | 175 |  |
| 5 to 6 feet-.---- | Ounce | 150 |  |
|  |  |  |  |
| 6 to 8 feet- | Outfit | 300 |  |
| 5 to 6 feet | Outgo | 200 |  |
|  |  |  | 1750 |
| 3 to 4 feet | Outlaw |  | 1250 |
|  |  |  | 1000 |
| WILLOW, Common Weeping. [Babylonica and |  |  |  |
| Wisconsin] 8 to 10 feet, well bran | Outlive |  | 1750 |
| 6 to 8 feet | Outlook |  | 1500 |
| 5 to 6 feet | - Outpost |  | 1250 |

## CLIMBERS

## Two Year Plants

AMPELOPSIS, Quinquefolia [Virginia Creeper] ..... $\$ 800$
Veitchii [Boston Ivy] ..... 1200
CLEMATIS, Large Flowering ..... 1600
Henryi, white Madam Andre, redJackmannii, purple Ramona, lavender
paniculata ..... 1000
HONEYSUCKLE, Halls Japan ..... 800
Scarlet Trumpet ..... 1000
WISTARIA, Chinese Purple ..... 1250
Chinese White ..... 2000


Two year Amoor River, North showing upright habit of growth. This block is going to make very heavy plants. Glad to send samples upon request

## PRIVET

Well-branched grades carry four to eight stems. Lightly branched grades carry two and three stems. Transplanting grade carries single stems of all heights and plants under 12 inches.

|  | Code | Per 1000 |
| :---: | :---: | :---: |
| California. 3 to 4 feet, well branched | Pour | \$30 00 |
| 3 to 4 feet, lightly branched | Pout | 2500 |
| 2 to 3 feet, well branched | Prank | 2500 |
| 2 to 3 feet, lightly branched | Prattle | 2000 |
| 18 to 24 inches, well branched | Praun | 1750 |
| 18 to 24 inches, lightly branched | Preach | 1250 |
| 12 to 18 inches, well branched | Press | 10 (0) |
| Transplanting | Pride | 800 |

Amoor River, North. Resembles California in habit of growth. Tardily deciduous here, where California is practically an evergreen. By some called Upright lbota,

| to 6 | Pulp | 10000 |
| :---: | :---: | :---: |
| 3 to 4 feet, well branched | Puff | 8500 |
| 2 to 3 feet, well branched | Pump | 5000 |
| 18 to 24 inches, lightly branched | Pulse | 3000 |

Wisconsin, April 18th, 1910-"This is the second winter that we have tried this Privet [Amoor River North] and found them to be entirely satisfactory. They are leafing out to the tips of the branches and seem to be in every way superior to any Privet we have tried. Temperature here as low as 25 below zero and very steady cold for three or four weeks, with heavy snow."

Please bear in mind we are not in the retail business; have no traveling salesmen, do not allow dealers to pack on our grounds. Our every effort is bent toward serving the nursery trade; we believe that on this account we can handle your business more satisfactorily than any concern which attempts to handle both a retail and wholesale business.


Two year Ibota Privet at Chase, showing drooping habit of growth. This block was sold before this list was printed, but we have some smaller plants

## PRIVET Continued

Amoor River, South. Well known all over the South under this name. An entirely different plant from the one described as Amoor River North. Slender and graceful in habit of growth; small leaves; evergreen.

|  | Code | Per 1000 |
| :--- | :--- | ---: |
| 2 to 3 feet, well branched | $\$ 3000$ |  |
| 18 to 24 inches, well branched | Punish | 2500 |

Ibota. Very graceful, aching growth. Leaves long and narrow, and drop early. This plant has been grown under this name in New England in localities where California has been severely winterkilled, and is regarded there as perfectly hardy.

Michigan, April 6th, 1910-"The Ibota Privet came through the winter in fine shape, even carrying many of last year's leaves, in spite of a temperature of ten or twelve below zero. I have made two or three attempts to grow the Calfornia variety here without success on account of its lack of hardiness."

## A WORD OF EXPLANATION

We see no way to improve the nomenclature of the three Privets described. Amoor River, North and Ibota were put to the test as to hardiness the past winter; reports indicate that both varieties may be safely classed hardy as far North as Milwaukee. In sections farther North both were injured in the tops. Where California Privet was killed root and branch, both of these sorts came through satisfactorily. Temperatures reported range from 15 to 25 below zero, but in almost all instances the ground was well covered with snow during the coldest weather.


90,000 Everblooming Roses in one Block-All on Own Roots

## ROSES

## The Following on Their Own Roots

No. 1-Hybrid perpetuals and Climbers, graded 24 to 30 inches of wood. Teas, Hybrid Teas, etc., graded 18 to 24 inches of wood. All plants stocky, well rooted, with three or more branches.

No. 2.-Hybrid Perpetuals and Climbers graded 18 to 24 inches of wood. Teas, Hybrid Teas, etc. graded 12 to 18 inches of wood. All plants stocky, well rooted, with three or more branches.

All No. 2's are extra fine for transplanting to nursery rows, a portion of them are heavy enough for retail use with many nurserymen.

|  | $\begin{gathered} \text { No. } 1 \\ \text { Per } 100 \end{gathered}$ | No. 2 <br> Per 100 |
| :---: | :---: | :---: |
| Alfred Colomb, H.P. Crimson | \$1250 | \$800 |
| Antoine Rivoire, H.T. Creamy White | 1250 | 800 |
| Avoca, H.T. Crimson | 1250 | 800 |
| Baby Rambler | 1250 | 800 |
| Baltimore Belle | 600 |  |
| Blumenschmidt, H.T. Citron-yellow | 1500 | 1000 |
| Climbing Meteor, H.T. Brilliant Crimson | 1500 | 1000 |
| Coq. des Alps, H.P. White | 1250 | 800 |
| Crimson Rambler | 750 | 500 |
| Dorothy Perkins | 750 | 500 |
| Empress of China | 600 |  |
| Freiherr Von Marschall, T. Red | 1500 | 1000 |
| General Jacqueminot, H.P. Red | 1250 | 800 |
| Helen Gambier, H.T. Yellow | 1500 | 1000 |
| Henri Martin, (Red Moss) | 1000 | 750 |
| His Majesty, H.T. Dark Crimson | 1500 | 1000 |
| K. A. Victoria, H.T. Pure White | 1500 | 1000 |
| Lady Gay | 1000 | 750 |
| Mad. Const. Soupert, T, Deep Yellow | 1500 | 1000 |
| Mad. Edmond Sablayrolles, T, Light Yellow | 1500 | 1000 |
| Mad. Lambard, T, Red | 1250 | 800 |
| Mad. Plantier, H.C. White | 600 |  |



Showing one Season's growth of Dorothy Perkins Rose

## ROSES, Continued

|  | No. 1 <br> Per 100 | No. 2 <br> Per 100 |
| :---: | :---: | :---: |
| Maman Cochet, T. Pink | \$12 50 | \$800 |
| Marechal Neil | 1500 | 1000 |
| Marshall P. Wilder, H.P. Red- | 1250 | 800 |
| Meteor, H.T. Brilliant Crimson | 1250 | 800 |
| Miss Alice Roosevelt, H.T. Deep rose | 1500 | 1000 |
| Miss Kate Moulton, H.T. Soft Pink | 1250 | 800 |
| Mosses, Assorted Colors-see budded roses |  |  |
| Mrs. B. R. Cant, T, Red - | 1250 | 800 |
| Olivia, H.T. Deep Rose- | 1500 | 1000 |
| Paul Neyron, H.P. Deep Rose | 1250 | 800 |
| Philadelphia Rambler | 1000 | 750 |
| Pink Rambler | 1000 | 750 |
| Prince Camille de Rohan, H.P. Deep Crimson | 1250 | 800 |
| Queen of Prairie | 600 |  |
| Reine Marie Henriette, Everblooming Climber, Crimson | 1250 | 800 |
| Rhea Reid, H.T. Red | 1500 | 1000 |
| Rosa Rugosa | 1250 | 800 |
| Rosa Setigera | 750 | 500 |
| Souv. de Marie Zayas, H.T. Bright Carmine | 1250 | 800 |
| Trier, New Hardy Climber, White | 1500 | 1000 |
| Ulrich Brunner, H.T. Cherry Red | 1250 | 800 |
| White Maman Cochet, T. White | 1250 | 800 |
| White Rambler | 1000 | 750 |
| Wichuriana | 750 | 500 |
| Wm. R. Smith, H.T. Creamy White, New | 1500 | 1000 |

Kaslo, B. C. Jan. 28th, 1910-"We have received both shipments of trees and are happy to report in good condition, we thank you very much for the interest you have displayed in getting the goods through on time, and greatly appreciate your methods, from your business courtesy to the way goods are packed."

## ROSES, BUDDED

The following are very strong plants, with good roots. No number 2 grade in these buds.


Frau Karl Druschki, H.P. White American Beauty .-.-.-........... 1250

Magna Charta, H.P. Bright Rose .-.................................... 1000

Marshall P. Wilder, H.P. Red 1000





## TREE ROSES, Assorted Colors

Assorted Colors; Imported by Express, shipment after October 15th.


## DESCRIPTION OF NEW ROSES

BLUMENSCHMIDT. Pure citron yellow, outer petals edged tender rose, a sport from Francisca Kruger, which it resembles in form and which has a more vigorous growth. Winner of three first premiums.

FREIHERR VON MARSCHALL. Grand bedder, brilliant red, a good big double flower, splendid grower and very free in bloom. Ranks with the two Cochets as an outdoor rose.

HIS MAJESTY. The color is a fine dark crimson, shaded deep vermilion crimson towards the edges, and frequently overlaid with a rich velvety shading. It is a strong vigorous grower, carrying its flowers upright; the blooms are full, of great size, having wonderful substance and depth of petal. One of the sweetest perfumed roses in cultivation.

MME. EDMOND SABLAYROLLES. Clear yellow without; interior golden orange; flowers enormously large, extremely double, from fine long buds.

Wm. R. SMITH. Seediing from Kaierin X Maman Cochet. As a summer bedder this variety ranks quite up with the two Cochets; produces immense quantities of fine flowers of creamy white with pink shadings; the strongest growing of all the summer bedders, making a fine branching bush in one year's time. Has firm, glossy foliage and long flower stems.

South Carolina, June 15th, 1910--"The pear trees which we purchased from you in February 1909 and sold to growers here have done so well that our section is now quite interested in them and we are going to have a considerable demand this fall for Le Conte pear trees and Mayflower peach."

New York, April 23rd, 1910.-"Enclosed find check to balance account; the trees arrived all right and in fine shape."

IllinoIs, April 21st, 1910. - "If you find you will have any apple to spare later on I will appreciate the favor of you advising me just what you have in surplus, I would like to place my order for apple with you, as those received this spring were nice. Your stock always gives me entire satisfaction and for this reason I prefer dealing with you whenever it is possible to do so."

# Nurserymen's Supplies 

PROMPT SHIPMENT

## KNIVES

Our Knives are especially made for us by one of the great cutlery manufacturers who has a reputation for making knives of good quality. The blades are hand-hammered from Wardlow's English Steel. For many years we have used knives from this maker and have found them satisfactory.

C. A. G. Grafter ( $3 / 4$ size)

## Grafting

C. A. G. GRAFTER. Cocoa handle; pocket edition. 25 cts . each, $\$ 3$ per doz, postpaid: $\$ 2.75$ per doz., by freight or express.


Wostenholm's I X L Ivory Tip (3/4 size)

## Budding

WOSTENHOLM'S IXL IVORY TIP. The best budding knife we know of. and strong enough for an all-purpose knife. 75 cts . each, $\$ 8.25$ per doz., postpaid; $\$ 8$ per doz., by freight or express.


Chase's Special Ivory Tip

## Pruning Shears

WATCH SPRING, FRENCH, 8 Inch. Per pair postpaid, \$1.35; per doz. pairs, freight or express (weight per doz. pairs 7 lbs ) $\$ 14.50$.

WATCH SPRING, FRENCH, 9 Inch. Per pair postpaid, \$1.70; per do\%. pairs, freight or express (weight per dozen pairs 11 lbs ) $\$ 17.00$.


Watch Spring, French 8 -inch

The Watch Spring French Shears stand at the head of the list for making cuttings of all kinds. For this work the 8 inch size is just right. For cutting back seedlings to the bud or any heavy work the 9 inch is recommended. In making cuttings the shears used should make a quick, clean cut (which these shears do to perfection) and they should have a properly proportioned grip to enable the operator to do a full days work without cramp. We have used this make for years and find that it fills the bill better than any others we have tried. Once in a while a spring will break. We now import extra springs and can supply either size at all times.

LADIES' GERMAN. 6-in. full nickle-plated; Volute spring. Not large enough for general use. High grade, beautifully finished, large enough for use about rose bushes or shrubs in the garden, or for light work. 75 c . per pair, postpaid; $\$ 8$ per doz pairs, by express or freight.



ENGLISH PATTERN. 8 in. One of the best made shears in the market; an extra blade with each. Heavy long brass springs that will last as long as the shears. $\$ 1.90$ per pair postpaid.


Grafting Thread put up in balls, three-ply, firmly twisted and loosely wound, so that it can be soaked in boiling wax and used from the ball. Not waxed, lb. 35 cts.: same waxed ready for use, lb. 40 cts .

The above illustration shows a ball of our grafting thread with a pencil run through the hole in the center. Many nurserymen prefer to suspend the ball of grafting thread from a wire to be unwound as it is used. We prefer to keep the grafting thread in warm water while it is being used, as described below. This can be used either way.

## To Keep Grafting Thread in Good Condition While Using

Put a ball of waxed grafting thread into a quart cup or pan (a tomato can will do), fill it half full of water and arrange over a lighted lamp or small oil stove to keep the water warm.

## Grafting Wax

## For Bench Use, and How to Wax Your Thread

One part (by weight) tallow; two parts (by weight) pure beeswax; four parts (by weight) rosin. Put all in an open kettle and melt down. When boiling, stir thoroughly, throw in balls of thread loosely wound. When the balls sink to the bottom of kettle, the wax has gone through and they are ready to come out; when cool, are ready for use. It will require from two to four minutes for balls to sink.

## Steel Box Straps

One inch wide, 9 inches long, thin, soft steel, strong enough to hold the heaviest box. You can drive an ordinary nail through it without punching. About 2800 pieces in 100 pounds. Less than 50 pounds, per lb. 5 cts.; 50 pound boxes, per box, $\$ 2.25$; 100 pound boxes, per box, $\$ 4$.

## Box Lining Paper

Helps keep out frost and heat, protects contents of box from drying winds. It is water proof, by this we mean that it will resist a good deal of moisture, but there is a limit.

This paper is put up in rolls 30,36 and 40 inches wide, about 100 pounds in a roll. Ten lineal feet weigh one pound, or one roll will line twenty-seven full size cases. We call it a good paper. You can buy paper for less money, but we think you will find this cheaper in the end. Per lb. (cannot break rolls), $41 / 2$ cts.

## Cordage, Twines, Etc.

Flax Sail Twine. For sewing burlap; put up in skeins. Per lb. 25 cents. Ten-ply Tube Cord (breaking strength 127 pounds). For light express bales, on reels of about 45 pounds each. Per lb. 9 cts. We cannot sell less than a reel.

Two-ply Sisal Cord (breaking strength 170 lbs.) For heavy express bales; on reels of about 45 pounds each. Per lb. $101 / 2 \mathrm{cts}$. We cannot sell less than a reel.
Four-ply Wool Twine. For tying trees in bundles; put up in balls weighing about one pound each; packed about 130 pounds in a bale. In bale lots, per lb., 7 cts.; in less than
 bale lots, per $\mathrm{lb} ., 81 / 2 \mathrm{cts}$.
Tarred Sisal Yarn or Lath Cord. In coils. Good for tying trees for storage or cellars. About 100 pounds to a coil. Per lb. $101 / 2 \mathrm{cts}$.

## Sphagnum Moss

Best quality; fresh stock. Put up in wire bound bales of 60 to 100 dbs . each. Per $100 \mathrm{lbs}, \$ 1.75$. Per ton, $\$ 30.00$.

## Shingle Tow

Pine shingle tow in car lots f.o.b. mill. Price on application.

## Raffia

We use the best Raffia we can buy, regardless of its cost, because, for nurserymen's use, the best is most economical. Per lb., by mail, postpaid, $30 \mathrm{cts}$. ; 10 to 50 lbs ., per lb., f.o.b. Huntsville, $12 \frac{1}{2}$ cts., 100 lbs ., per lb., f.o.b., Huntsville, 11 cts . Ask for prices on bale lots (about 220 lbs .)

## Burlap

Forty inches wide, $51 / 2 \mathrm{cts}$. per yard; full piece, about 200 yards, 5 cts. per yard.
"Scrap" Burlap-second hand pieces 24 inches square and upward. Bales of 200 pounds, per pound $3 \frac{1}{2}$ cents; bales of 100 pounds, per pound 4 cents.

## Needles for Sewing Burlap

Five-inch, extra quality, large eye, 40 cts . per doz.: 5 inch, common, 25 c . per dozen.


## Alabama Mule Skin Mittens

C. A leather mitten with separate sheath for forefinger, the other three fingers in one sheath. Made from mule skin; nearly as durable as buck-skin, at one-fourth the cost. Single pair, by mail, 40 cts .. postpaid; per doz. pairs, by freight or express. $\$ 3.50$.


## Chase's "Dig Ezy" Hoe

This is a thoroughbred. It's long and narrow "snout" makes it one of the best Nursery Weeding Hoes we ever used. and it is also strong enough to grub out seedlings. This hoe is not too heavy. Balanced just right. Double riveted. 65 c . each, $\$ 5.50$ per dozen. Will sell one-half dozen at dozen rate.
"The best nursery hoe we have ever used."-Mississippi.
"Cannot recommend too highly your 'Dig Ezy" hoes."Pennsylvania.

## Labels

Iron-Wired, $31 / 2$ in.. plain, 1000 to package. 75 cts . per $10 \mu 0$. by freight or express; $\$ 1.40$ per 1000 . post paid; in 5000 lots, 70 cts . per 1000; in 10,000 lots, 65 cts . per 1000.
Copper-wired. Size same as above; add 15 cts . per 1000.
Printed. The following standard sorts of Printed Labels in stock. We can supply only these sorts. Will not sell less than 100 of a variety, 500 at 1000 rate. Copper-wired, $2 \frac{1}{2} \mathrm{in}$., notched. 20 cts . per 100 , postpaid; $\$ 1$ per 1000 , by freight or express; in 5000 lots, by freight or express, 85 cts. per 1000; in 10,000 lots, by freight or express, 80 cts. per 1000 .
Ark. Mam. Black Twig Ben Davis Winesap
Abundance
Burbank
Early Richmond
Kieffer
Le Conte
Elberta
Crawford's Early
Large Montmorency English Morello
Bartlett
Early Harvest
Belle of Georgia Carman
Crawford's Late Greensboro

## Directions for Fumigating Nursery Stock with Hydrocyanic Acid Gas

The necessary equipment consists of an air-tight chamber (box or house) a glazed earthenware vessel, a glass measure graduated to ounces (a plain tumbler, mark the sides with a file), and a set of accurate scales. The necessary chemicals are cyanide of potash ( 98 per cent) and sulphuric acid (specific gravity 1.83). Care should be taken to secure the 98 per cent cyanide, otherwise an insufficient amount of gas would be generated and the fumigation prove ineffective. Cyanide of potash must be kept in an air-tight package and so packed will keep indefinitely. It is a deadly poison and should not be left where it will fall into the hands of children or careless persons, and should never be handled by a person having open sores, cuts or bruises upon his hands. The gas is colorless and if inhaled in quantity is fatal; smaller amounts induce headache or dizziness.

The best commercial grade of sulphuric acid should be procured. This acid should be kept in a glass or earthenware vessel tightly stopped with a glass or lead stopper.

The chief requisite for a fumigation house is that it should be air-tight or gas-proof.

The standard formula for fumigating each 100 cubic feet of space contained in the fumigating house is as follows: One ounce cyanide of potash ( 98 per cent), two fluid ounces sulphuric acid, four fluid ounces of water. The glazed earthenware vessel should be somewhat larger than is necessary to hold the chemicals, a one or two gallon jar is perhaps the best container.

The trees, as dug and brought from the field, should be placed in the fumigating house, care being taken to see that they are free from any considerable quantities of mud or dirt; the trees should not be fumigated when they are wet, as it has been shown that in this condition they are likely to be injured by the gas. When the compartment is full of stock, close all openings except the door, place the jar on the floor near the middle of the room, pour in the required amount of water and then slowly pour in the acid. The cyanide previously weighed and enclosed in a tight paper bag is now dropped into the jar and the operator leaves immediately and closes the door tight. The steps in this operation should never be varied. If water is poured into the acid a violent action takes place and may be the cause of injury to the operator. Enclosing the cyanide in a paper bag makes it convenient and safe to handle and retards the generation of the gas for a moment after being dropped, thus allowing time to leave the room and close the door securely.

Keep the room closed for forty minutes, at the end of which time the door and window should be thrown open, care being taken to avoid the outward rush of gas. After fifteen minutes of airing, the room may be safely entered and the stock removed, being now ready for packing or heeling in. After fumigating, the contents of the jar should be buried. Georgia State Board of Entomology advises nurserymen to use Merck \& Co.'s cyanide when in original sealed packages. See bulletin No. 15, pp. 20-23.

## Chemicals

Cyanide of Potash (Merck \& Co.'s 98 per cent). In original sealed tin packages. 1 lb . cans, 40 cts .; 5 lb . cans, $\$ 1.85$.
Cyanide of potash is excluded from the mails, but can be shipped by express or freight.
Sulphuric Acid. (Specific gravity, 1.83) Large, glass-stopped bottles, securely packed in cases ready for shipment. 10 lb . bottle, $\$ 1.20 ; 15 \mathrm{lb}$. bottle, $\$ 1.50$. Sulphuric acid cannot be shipped by express, but can be shipped by freight.
Buy chemicals of your local druggist if you can secure Merck's cyanide in unbroken, original packages, and sulphuric acid that has been kept in a glass-stopped bottle.


## Ames Nursery Spade

D handle, double strapped full length of handle, tapered nursery spade: size of blade $123 / 4 \times 7 \frac{1}{2} \times 5 \frac{1}{2}$; weight, 9 pounds. $\$ 1.50$ each, $\$ 18.00$ per dozen SPADE HANDLES for above spade. These handles are bent to fit, and riveted, 40 cts . each, $\$ 4.50$ per dozen.


Price, any quantity, 50 cents each
Designed by Herbert Chase. Made from "Sheradized" steel (a new process of treating steel); absolutely rust-proof; both sides marked alike; always right side up; guaranteed accurate to within one-hundredth of an inch; indestructible; easy to read. Anyone having one of our nickel finished gauges that has "turned rusty", send it in and get a new one free of cost.

## Tree Counter

Four-Dial Machine, with 1000 record cards, delivered
Five-Dial Machine, with 1000 record cards, delivered
Extra Record Cards. Correct size, printed like cut, 65 cts, for $500, \$ 1.10$ per 1000 , postpaid.
Made in two sizes, four-dial and five-dial, as above. Accurate, quick, no guess-work. Place in the hands of a good man and as he passes down the row he presses the lever which indicates the grade of the tree. When through with a variety the dial shows the total number of each grade in the block, the only method of taking a correct grade count in the field. One thousand record cards furnished with each machine.


## How it is Regarded

Oregon-"We have been using the Chase Tree Counters and Gauges the past two years and find them very satisfactory. The Counter will save its cost to almost any nursery the first season."

Florida-"Counter easily paid for itself the first season."
Iowa-"Would not know how to get along without your Tree Counter."
Iowa-"Saves half the labor and is more accurate and satisfactory all around than the old system."

CALIFORNiA-"Beg to inform you that although the little counter has been in use a great deal, the dials work perfectly, and it is in good repair in every way. Since we have adopted the use of the machine we have had no trouble with our counts. Could not afford to be without it."

## Office Supplies

## Order Books

Your name and address printed, 100 orders to book, best quality, heavy glazed paper, latest form. Sample sheet free for the asking. Not less than 500. $\$ 1.75$ for 500 ( 5 books), postage extra, $\$ 2.75$ per 1000 ( 10 books), postage extra. Postage extra, 5 cents per book. Always give plain copy of firm name and address so that no mistake in printing will occur.

## Delivery Books

Bound in paper cover, ruled, showing name of customer, post-office address, amount of order, how settled, etc., printed in copying ink. For 24 accounts, 50 cts. per doz., postpaid; for 72 accounts, 75 cts. per doz., postpaid; for 120 accounts, 85 cts. per doz., postpaid; for 168 accounts, $\$ 1$ per doz., postpaid. Half-dozen at dozen rates. Inexpensive and mighty handy.

## Shipping Tags

Printed to order, strung ready for use. Two sizes, two qualities; all have reinforced eyelets.

## Standard Quality, Reinforced Eyelets

## (A better tag than is usually used) Per 500



## Extra Quality, Waterproof, Brass Bound Eyelets

|  | (The best tag we know of) | Per 500 | 1000 |
| :---: | :---: | :---: | :---: |
| No. 5. | Size $21 / 2 \times 43 / 4$ in., printed on one side | -\$185 | \$2 90 |
|  | Printed on two sides | 275 | 390 |
| No. 7. | Size 23 x $53 / 4$ in., printed on one side | 210 | 325 435 |
|  | Printed on two sides | 2 | 435 |



