

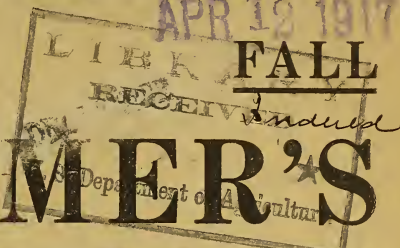
## **Historic, Archive Document**

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

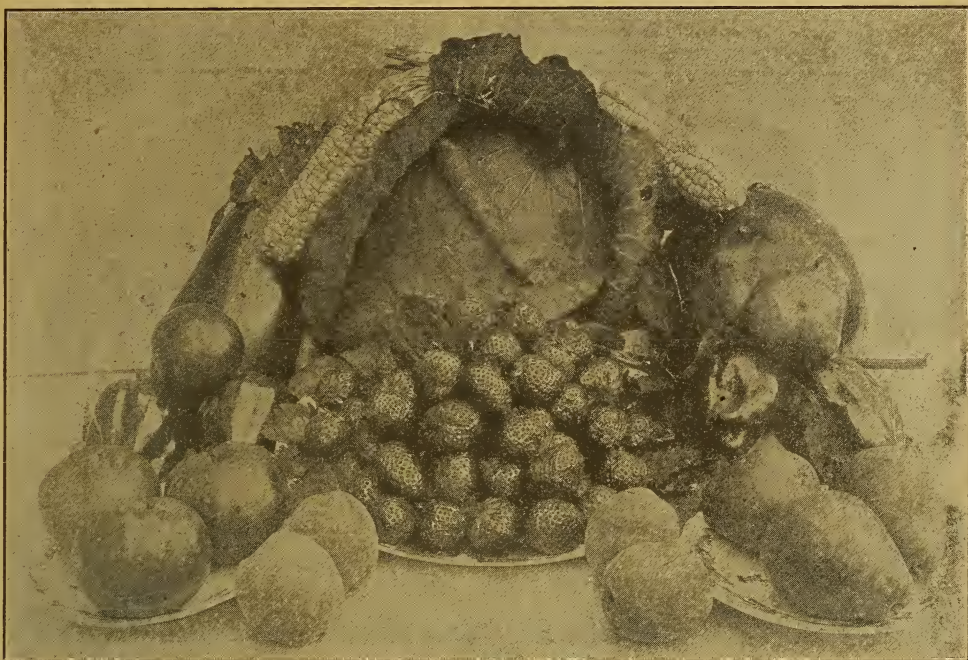


SPRING

1917



# L. J. FARMER'S SPECIAL PRICE LIST



Superb Strawberries, Green Corn, Cabbage, Eggplant Fruit, Tomatoes, Peppers, Apples, Pears, Peaches,  
Photographed October 20th, 1915

## BERRY PLANTS

::: AND :::

FRUIT GROWERS' SUPPLIES

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L. J. FARMER, PULASKI, N. Y.

## READ THIS BEFORE ORDERING

**NO ORDER** accepted for less than \$1.00 at these bargain prices.

**PRICES** given are for the quantities specified. 50 at 100 and 500 at 1,000 rates apply to everything listed herein. 25 at 100 and 250 at 1,000 rates when orders amount to \$10 or more.

**ALL SHIPMENTS** are carefully packed in baskets, boxes or bales, for which we make no charge.

Be sure to state whether goods are to be shipped by mail, express or freight. After we deliver to transportation companies, all goods are at the risk of the purchaser, and if any loss or delay occurs, the transportation companies must be held responsible. All goods are delivered free to postoffice, freight or express office.

**TERMS CASH.** Parties desiring goods sent C. O. D. must remit one-fourth of the total amount in cash when sending in the order.

**CLAIMS,** if any, must be made within 10 days after receipt of the goods.

**WE WARRANT** our plants, trees, etc., to be true to label and if, after fruiting, they prove otherwise, we will, on receipt of sufficient proof, return the original price paid for them; or we will refill the order entire, at the discretion of the purchaser. We exercise extreme care to have everything pure and reliable, give more than usual personal attention, and yet, now and then, a mixture will occur, in spite of the greatest precaution. Beware of the dealer who says that he never has a complaint or a dissatisfied customer, such men are too good for this earth.



Our Combination Boarding House and Office, 30 by 52 feet. Basement used for Dining Room, Kitchen, Furnace Room and Cellar; First Floor all devoted for Offices. Second Floor contains nine Dormitories. Third Floor, storage and for overflow Sleeping Rooms. Complete Pressure Water System for bath, toilet, kitchen and fire protection. Hot Air Furnace.

**PLANTS BY PARCEL POST.** Plants and seeds now come under the parcel post system, same as all kinds of merchandise. It is impossible to figure out the exact postage on an order until it is packed, and therefore we recommend that customers allow us to send their orders C. O. D. for the amount of postage. This will cost you 10 cents for the C. O. D., but is well worth the cost, as it practically insures your package against loss in the mails—no C. O. D. can be collected unless the package is delivered safe to the customer.

**PLANTS BY EXPRESS AND FREIGHT.** Express charges are now cheaper than parcel post rates on large packages when sent short distances, and on large and small packages beyond the fifth zone. We advise using the express where possible, as the parcel post is in many places overcrowded. When the weather is cool, in early spring and late fall, large orders can often be sent long distances by freight, at a great saving.

**IMPORTANT.** Our plants are mostly tied in bunches of 25 each. We cannot sell one dozen plants at half the price of 25 plants. Please do not send us orders calling for one or two plants each of a long list of varieties. It takes more time to assemble such orders than we get for them. Please order at least 25 plants of each variety, unless they are priced in smaller lots. In nothing has the cost of production increased during the past ten years more than it has in plants, etc. The prices here are made as low as we care to accept and fill orders.

**HOW TO SEND MONEY.** We do not care how remittances are made if they can be readily turned into real money. You can deduct the cost of fee from your bill, if you send money by postoffice, express or banker's money order, registered letter or draft on New York. Address all orders and communications to L. J. FARMER, PULASKI, N. Y.

RETURN TO POMOLOGY

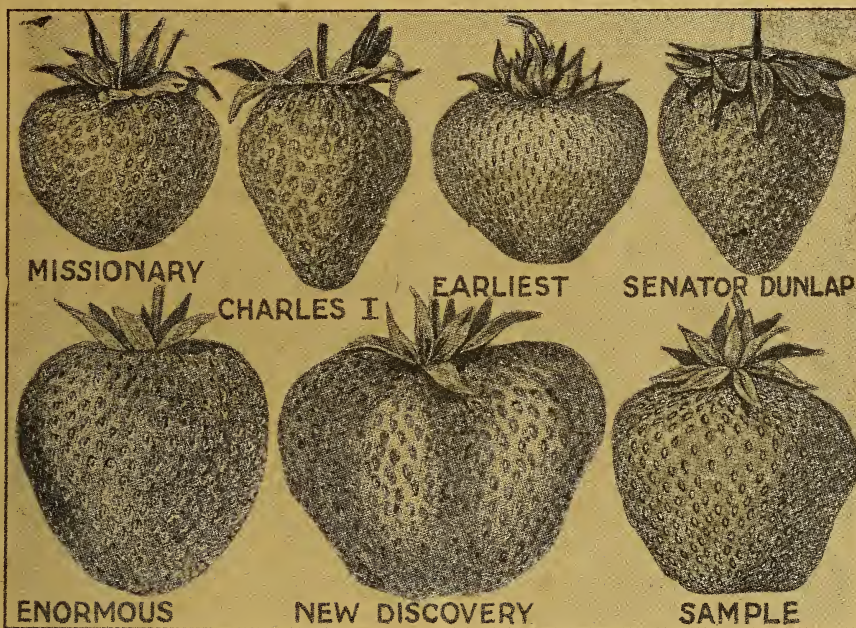
SECTION OF NOMENCLATURE STRAWBERRIES

Varieties set in large type are most popular and desirable. Those marked "Imp." are imperfect in flower and require perfect flowered varieties of same season to be planted near them.

EXTRA EARLY VARIETIES

- Excelsior, 25 for 25c; 100, 50c; 1000, \$3.50.
- EARLY OZARK, 25 for 25c; 100, 75c; 1000, \$5.
- CHARLES 1st, 25 for 25c; 100, 60c; 1000, \$4.50.
- Michel's Early, 25 for 25c; 100, 50c; 1000, \$3.50.
- Earliest, 25 for 25c; 100, 50c; 1000, \$3.50.
- August Luther, 25 for 25c; 100, 50c; 1000, \$3.50.
- Missionary, 25 for 25c; 100, 50c; 1000, \$3.50.
- Climax, 25 for 25c; 100, 60c; 1000, \$5.
- EARLY JERSEY GIANT, 25 50c; 100, \$1; 1000, \$8.
- PREMIER, 25 for 25c; 100, \$1.00; 1,000, \$8.
- Somerset, 25 for 25c; 100, 60c; 1000, \$5.
- CAMPBELL'S EARLY, 25 for 50c; 100, \$1.00; \$1,000, \$8.
- Pride of Somerset, 25 for 25c; 100, 50c; 1000, \$3.50.
- KLONDIKE, 25 for 25c; 100, 50c; 1000, \$3.50.
- Lady Cornelle, 25 for 25c; 100, 50c; 1000, \$3.50.
- MATTHEW'S EARLY, 25 25c; 100, \$1.50; 1,000, \$8.
- Wildwood, 25, 35c; 100, \$1.00; 1000, \$8.
- Beder Wood, 25, 25c; 100, 60c; 1000, \$5.

- New York, 25, 25c; 100, 60c; 1000, \$5.
- Corsican, 15, 25c; 100, 60c; 1000, \$5.
- Ryckman, 25, 25c; 100, 60c; 1000, \$5.
- Uncle Jim, 25, 25c; 100, 60c; 1000, \$5.
- McKinley, 25, 25c; 100, 60c; 1000, \$5.
- Bradley, 25, 25c; 100, 60c; 1000, \$5.
- BARRYMORE, 25, 25c; 100, 60c; 1000, \$5.
- Kewitt's Wonder, 25, 25c; 100, 60c; 1000, \$5.
- William Belt, 25, 25c; 100, 60c; 1000, \$5.
- ABINGTON, 25, 35c; 100, \$1.00; 1000, \$8.
- Golden Gate, 25, 25c; 100, 75c; 1000, \$6.
- Jessie, 25, 25c; 100, 75c; 1000, \$6.
- Norwood, 25, 35c; 100, \$1.00; 1000, \$8.
- Gold Dollar, 25, 25c; 100, 60c; 1000, \$5.
- PARSON'S BEAUTY, 25, 25c; 100, 60c; 1000, \$5.
- Helen Davis, 25, 25c; 100, 60c; 1000, \$5.
- Pocomoke, 25, 25c; 100, 60c; 1000, \$5.
- AMANDA, 25, 35c; 100, \$1.00; 1000, \$8.
- Edmund Wilson, 25, 50c; 100, \$1.00; 1000, \$8.
- Longfellow, 25, 25c; 100, 60c; 1000, \$5.
- Chester, 25, 25c; 100, 75c; 1000, \$6.
- Rewastico, 25, 25c; 100, 75c; 1000, \$6.
- Warren, 25, 50c; 100, \$1.00; 1000, \$8.



EARLY VARIETIES

- CHAMPION K, 25, 50c; 100, \$1.50; 1000, \$8.
- SENATOR DUNLAP, 25, 25c; 100, 60c; 1000, \$4.50.
- Warfield (Imp.), 25, 25c; 100, 60c; 1000, \$4.50.
- NEW DISCOVERY, 25 for 50c; 100, \$1.00; 1000, \$8.
- Oom Paul, 25, 25c; 100, 60c; 1000, \$5.
- HAVERLAND (Imp.), 25, 25c; 100, 60c; 1000, \$5.
- Marshall, 25, 35c; 100, \$1.00; 1000, \$8.
- BUBACH (Imp.), 25, 35c; 100, \$1.00; 1000, \$8.
- Success, 25, 25c; 100, 60c; 1000, \$5.
- Splendid, 25, 25c; 100, 60c; 1000, \$5.
- Clyde, 25, 25c; 100, 75c; 1000, \$6.
- Chipman, 25, 25c; 100, 60c; 1000, \$5.
- Wilson, 25, 25c; 100, \$1.00; 1000, \$8.
- Highland, 25, 25c; 100, 75c; 1000, \$6.
- Ekey, 25, 25c; 100, 75c; 1000, \$6.
- St. Louis, 25, 25c; 100, 60c; 1000, \$5.
- Early Woodrow, 25, 25c; 100, 60c; 1000, \$5.
- Monroe, 25, 25c; 100, 75c; 1000, \$6.
- Crescent (Imp.), 25, 25c; 100, 75c; 1000, \$6.
- Dr. BURRILL, 25, 50c; 100, \$1.00; 1000, \$8.

LATE VARIETIES

- AROMA, 25, 25c; 100, 60c; 1000, \$5.
- SAMPLE (Imp) 25, 25c; 100, 60c; 1000, 5.
- RIDGWAY, 25, 35c; 100, \$1.00; 1000, \$7.
- Chesapeake, 25, 25c; 100, 75c; 1000, \$6.
- Fendall, 25, 25c; 100, 75c; 1000, \$6.
- Brandywine, 25, 25c; 100, 75c; 1000, \$6.
- Enormous, 25, 25c; 100, 75c; 1000, \$6.
- Dickey, 25, 25c; 100, 75c; 1000, \$6.
- King Edward, 25, 25c; 100, 75c; 1000, \$6.
- Gibson, 25, 25c; 100, 60c; 1000, \$5.
- BIG JOE, 25, 25c; 100, 75c; 1000, \$6.
- Baltimore, 25, 25c; 100, 75c; 1000, \$6.
- Nick Ohmer, 25, 25c; 100, 75c; 1000, \$6.
- Late Jersey, Giant, 25, 25c; 100, 75c; 1000, \$6.
- Sharpless, 25, 25c; 100, 75c; 1000, \$6.
- KELLOGG'S PRIZE (Imp) 25, 35c; 100, \$1.00; 1000, \$7.
- THE GREEK, 25, \$1.50; 100, \$4.50; 1000, \$35.
- McALPIN, 25, 35c; 100, \$1.00; 1000, \$8.

VERY LATE VARIETIES

- OSWEGO, 25, 25c; 100, 60c; 1000, \$5.
- Dornan, 25, 25c; 100, 60; 1000, \$5.
- Hundred Dollar, 25, 25c; 100, 60c; 1000, \$5.
- FARMERS' MASCOT, 25, 35c; 100, \$1.00; 1000, \$7.
- OMEGA, 25, 35c; 100, \$1.00; 1000, \$8.
- Parker Earle, 25, 50c, 100, \$1.25; 1000, \$10.
- CHAMPION, 25, 25c; 100, 60c; 1000, \$5.

**STRAWBERRIES—Continued.**

Rough Rider, 25, 50c; 100, \$1.25; 1000, \$10.  
 Fremont Williams, 25, 50c; 100, \$1.25; 1000, \$10.  
 Heritage, 25, 25c; 100, 75c; 1000, \$6.  
 GANDY, 25, 25c; 100, 50c; 1000, \$4.50.  
 DORIS, 25, 25c; 100, 75c; 1000, \$6.  
 PEARL, 25, 50c; 100, \$1.75; 1000, \$15.  
 Orem, 25, 25c; 100, 75c; 1000, \$6.  
 White Strawberry, 25, 25c; 100, 75c; 1000, \$6.  
 Mixed Plants, 25, 25c; 100, 50c; 1000, \$4.50.

**FALL or EVERBEARING VARIETIES**

SUPERE, 25 for 75c; 100, \$2.00; 1000, \$15.  
 Progressive, 25 for 75c; 100, \$2; 1000, \$15.  
 AMERICUS, 25, 75c; 100, \$2.00; 1000, \$15.  
 PEERLESS, 25 for \$3.50; 100, \$10.  
 Minnesota, No. 1017; 25 for \$3.50; \$12.00 per 100.

**THE MOST POPULAR STRAWBERRY**

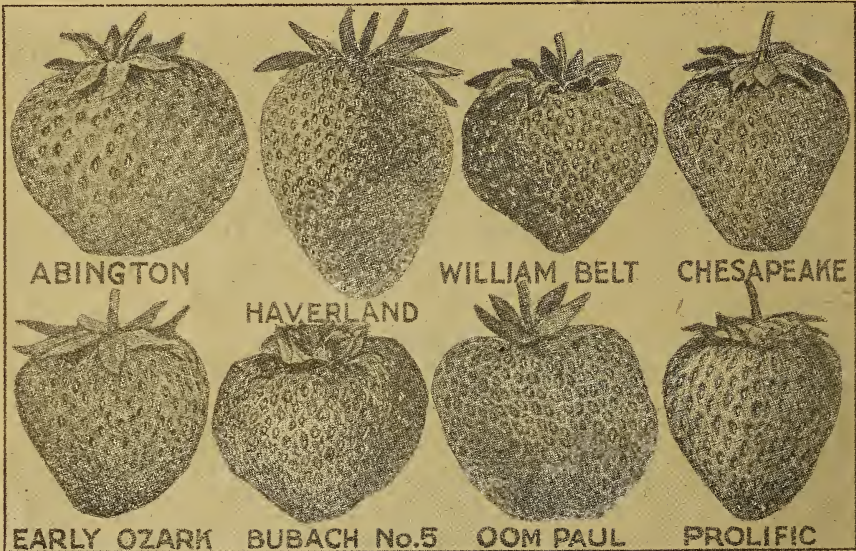
Years ago a leading horticultural author wrote a very interesting article, entitled "The Ideal Strawberry, What Is It and Where Does It Flourish?" It would be difficult in this day and age to tell just which is the ideal strawberry for any particular section.

Probably the most extensively planted strawberry in the West and Southwest is the Aroma. This variety not only does well in those sections

growers although Chesapeake has superseded it in many sections of this State as well as in Maryland. The Big Joe is also a rival demanding recognition in Maryland and New Jersey. In most sections the growers have their individual choice and do not confine themselves to any particular variety, but are experimenting with the latest introductions of enterprising nurserymen, hoping some day to find, "The Ideal Strawberry."

**UNCLE SAM GIVES GOOD ADVICE**

"If the farmer makes his purchase direct from the nurseryman, he will save the expense of the middleman or agent, and is less liable to the mistakes and injury that may occur through repeated handling. The selection of trees is a very important part of orcharding, for upon care and judgment in this matter depend the future profits of the investment," says U. S. Department of Agriculture, Farmers' Bulletin, No. 113.



but in the East and North as well as in most all sections of the United States. I am inclined to think that it is more generally grown than any other one single variety in the United States.

All through the North, the Senator Dunlap seems to be the team that brings them in the most money. Around Boston, the center of culture, the Marshall and berries of its type such as St. Martin, Barrymore, Norwood, etc., are most in demand, because the consumers seem to appreciate and be willing to pay for quality which is generally produced at the expense of quantity. In Maryland and all along down the Atlantic Coast, the Klondike is very popular as the first early and main crop berry of that productive section. The Klondike seems to be, contrary to what its name might suggest, the ideal berry for semi-tropical sections. It does not do quite as well as in the cool regions of the North.

In California and the Pacific Coast, the Brandywine, Nick Ohmer, Hood River and Clark's Seedling are most generally planted. In Canada they grow the Williams, Woolverton, and other varieties of a hardy nature. In our own county of Oswego, the favorite variety among the shippers seems to be Steven's Late Champion. In New Jersey, the old Gandy is still a favorite with many

**FORTY CRATES OF FALL STRAWBERRIES PER DAY**

The Maplehurst Gardens of Michigan, the largest growers of Fall-bearing strawberries for fruit alone in the world, write the "Country Gentleman," of Philadelphia, September 19th, 1915, as follows: "Since the 15th of August we have been picking on an average about forty crates of strawberries a day. These berries have gone to Chicago, Cincinnati, Philadelphia, Milwaukee and many other cities, and have sold for as high as thirty-five cents a quart, wholesale."

The firm writes us as follows, January 17th, 1916: L. J. Farmer.

Dear Sir:—Upon checking up our records for the year, we find that "Superb" yielded 90% as much fruit per plant as "Progressive," and we received a price for Superb averaging more than double the price for Progressive because of the much more attractive appearance of the fruit, and because it reached the market in much better condition. We shall, therefore, set no more Progressives. Inasmuch as we have been the largest producers of everbearing strawberries in this country, as far as we know, we think this experience should be of value as a guide to other producers. It may not be out of place to say that we shall set upwards of three hundred thousand Superbs for fruit this spring, and all of these will be grown by the hill system.

## RASPBERRIES

### RED VARIETIES

CUTHBERT, 25, 35c; 100, \$1.25; 1000, \$10.00; 3000, \$25.  
 Marlboro, 25, 35c; 100, \$1.25; 1000, \$10.  
 IDAHO, 25, 75c; 100, \$2.50; 1000, \$20; 3000, \$50.  
 NEW EMPIRE, 25 for \$3.00; 100, \$10; 1000, \$85.00.  
 HERBERT, 25 for \$1.25; 100, \$4; 1000, \$25.  
 Perfection, 25, \$1.25; 100, \$4.00; 1000, \$30.  
 Early King, 25, 35c; 100, \$1.25; 1000, \$10.  
 Miller, 25, 35c; 100, \$1.25; 1000, \$10.  
 EATON, 25, 75c; 100, \$2.50; 1000, \$20.  
 GOLDEN QUEEN, 25, 50c; 100, \$1.50; 1000, \$12.  
 St. Regis, 25, 75c; 100, \$2.00; 1000, \$12.

### DARK RED or PURPLE VARIETIES

COLUMBIAN, 25, 50c; 100, \$1.50; 1000, \$12.  
 ROYAL PURPLE, 25, 75c; 100, \$2.50; 1000, \$20.  
 Haymaker, 25, 75c; 100, \$2.00; 1000, \$15.  
 Cardinal, 25, 75c; 100, \$2; 1000, \$15.  
 Schaffer's Colossal, 25, 75c; 100, \$2.50; 1000, \$15.

### BLACK VARIETIES

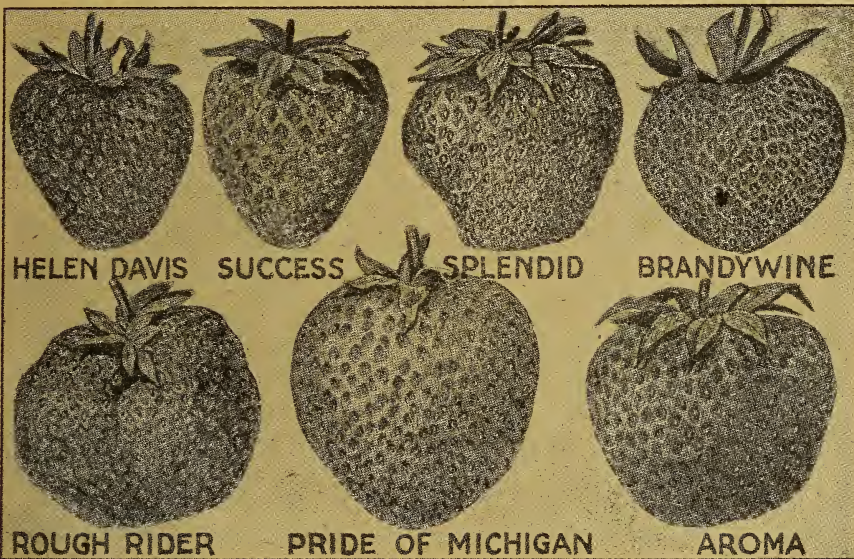
PLUM FARMER, 25, 50c; 100, \$1.50; 1000, \$12.  
 Cumberland, 25, 50c; 100, \$1.50; 1000, \$10.  
 Gregg, 25, 50c; 100, \$1.50; 1000, \$10.

### CURRENTS

WILDER, 25 for \$1.25; 100, \$4.50; 1000, \$35.  
 Fay, 25 for \$1.25; 100, \$4.50; 1000, \$35.  
 White Grape, 25 for \$1.25; 100, \$4.50; 1000, \$35.  
 London Market, 25 for \$1.50; 100, \$5.00; 1000, \$40.  
 Red Cross, 25 for \$1.50; 100, \$5.00; 1000, \$40.  
 Boskoop Giant, 25 for \$2.50; 100, \$8; 1000, \$75.  
 PERFECTION, 25 for \$2.50; 100, \$9.00; 1000, \$75.  
 Lee's Prolific, 25 for \$1.25; 100, \$4.50; 1000, \$35.  
 Black Champion, 25 for \$1.25; 100, \$4.50; 1000, \$35.

### GOOSEBERRIES

HOUGHTON, 10c each; 25 for \$1.50; 100, \$5.00; 1000, \$40.  
 Downing, 15c each; 25 for \$2.50; 100, \$8.00; 1000, \$75.  
 CARRIE, 25c each, 25 for \$3.50; 100, \$12.  
 Josselyn, 15c each, 25 for \$2.50; 100, \$9.00; 1000, \$80.  
 Industry, 20c each; 25 for \$3.00; 100, \$10.  
 Keepsake, 20c each; 25 for \$3.50; 100, \$12.  
 Columbus, 20c each; 25 for \$3.50; 100, \$12.  
 Portage, 20c each; 25 for \$3.50; 100, \$12.  
 Crown Bob, 20c each, 25 for \$3.50; 100, \$12.  
 Mountain Seedling, 15c each; 25 for \$2.50; 100, \$9.  
 White Smith, 20c each; 25 for \$3.00; 100, \$10.  
 Holland, 25c each; 25 for \$3.50; 100, \$12.  
 Chautauqua, 20c each, 25 for \$3.50; 100, \$12.



SCARFF, 25, \$1.00; 100, \$3.50; 1000, \$25.  
 Eureka, 25, 50c; 100, \$1.75; 1000, \$15.  
 Conrath, 25, 50c; 100, \$1.75; 1000, \$15.  
 Kansas, 25, 50c; 100, \$1.50; 1000, \$10.  
 BLACK DIAMOND, 25, 50c; 100, \$1.50; 1000, \$12.

### BLACKBERRIES

SNYDER, 25, 50c; 100, \$1.50; 1000, \$12.  
 Taylor, 25, 50c; 100, \$1.75; 1000, \$15.  
 Eldorado, 25, 75c; 100, \$2.00; 1000, \$15.  
 RATHBUN, 25, 50c; 100, \$1.50; 1000, \$12.  
 Ancient Briton, 25, 50c; 100, \$1.75; 1000, \$15.  
 Watt, 25, 75c; 100, \$2.50; 1000, \$20.  
 Blowers, 25, 75c; 100, \$2.50; 1000, \$20.  
 Ward, 25, 50c; 100, \$1.50; 1000, \$12.  
 Mercereau, 25, 50c; 100, \$1.75; 1000, \$15.  
 Early Harvest, 25, 75c; 100, \$2.50; 1000, \$20.  
 Wilson's Early, 25, 50c; 100, \$1.50; 1000, \$12.00.  
 Macatawba, 2 for 25c; 25 for \$2.50; 100, \$7.50.  
 Black Diamond, 25 for 75c; 100, \$2.50; 1000, \$20.  
 Joy Blackberry, 25 for \$1.50; 100, \$5.  
 Giant Himalaya Berry, 25 for \$1.50; 100, \$5.  
 Lucretia Dewberry, 25 for 50c; 100, \$1.50; 1000, \$10.  
 Mixed Blackberry Plants (Best Varieties), 25 for 50c; 100, \$1.50; 1000, \$12.

### EVERBEARING STRAWBERRIES

Until recently most people have been skeptical about the everbearing strawberry. They have classed it with ordinary horticultural sensations that have had dazzling careers in advertisements but disappointing ones with growers. The unanimously opinion now is that this type of strawberry has come to stay.

Editors "Country Gentleman."

### TRANSPLANTED STRAWBERRY PLANTS

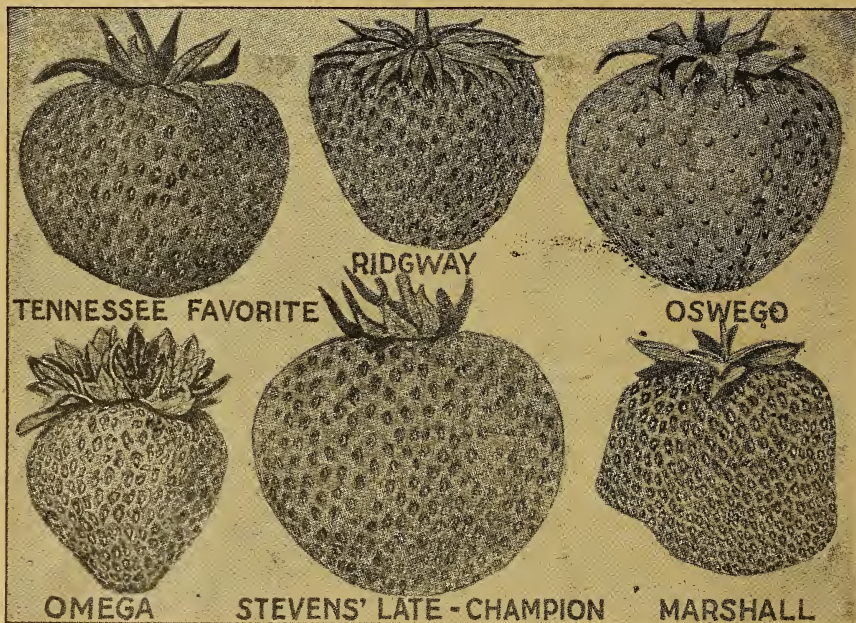
For planting in late June and July nothing equals our transplanted strawberry plants. We take up plants from the beds in April and heel them in by themselves, closely together, keeping them watered and sprayed. These plants, when taken up to transplant, do not suffer the set back that ordinary plants do, but start and grow right along. We will supply all such plants at an advance over regular prices of 50c per 100; \$3.50 per 1,000. This extra charge is made to cover cost of heeling in, and extra pains in taking up. They are more than worth the extra cost.

## LONG DISTANCE SHIPMENTS

We make a specialty of shipping plants and other goods long distances by mail, express and freight. Thirty years of experience has taught us some things about packing. Our customers write us that our packing is the best in the world. We rarely ever have a complaint, due exclusively to the long distance that plants have to travel. We mention this because we often receive letters asking us if we can safely send plants to California, Washington, British Columbia and other distant places. During the past year we have shipped plants safely to England, Switzerland, Japan, New Zealand and other foreign countries. Because we solicit distant orders, it does not signify that we neglect orders nearer home. We appreciate all orders and try to please all our patrons.

## INFORMATION DEPARTMENT

Ask Us Questions. We are willing and anxious to answer any questions that our patrons may ask in regard to fruits or fruit culture. If we cannot answer this question ourselves, we will turn it over to somebody who can answer it. Our long experience in the Fruit Business has put us in position to know who are the best authorities on any phase of the subject. Write us what you want, but be brief. Do not write us long letters. If you come to see us, wait until the busy shipping season is over. We are so busy during the packing season that it is impossible to entertain our friends as we would like and their presence often reduces the efficiency of our workmen.



### THE BEST AUTHORITY

We were the first to recognize the immense value of the Fall or Everbearing strawberry. "Fall Bearing Strawberry Secrets," a pamphlet written by us for Farm Journal of Philadelphia, in 1913, was the first and only authoritative treatise that has been written. Get a copy of this or a copy of "Farmer on the Strawberry," which contains the same material about the fall bearing strawberries; read what we have to say and you will at once see that our book is used as a text by all other authorities who attempt to write articles about these berries. "Farmer on the Strawberry" costs 50c. It is sent free with all orders from this Bargain List, amounting to \$10.00 or more.

### Farmer's Tool for Setting Strawberry Plants

We have tried everything in the line of tools for setting strawberry plants; there is nothing equal to our Adz Shaped Setter. We have used this tool for over twenty years. It is simple in construction, costs but little, does not get out of order and is always ready for business. It is the best tool for heeling in black raspberry tips and setting any kind of berry plants, as well as strawberry plants, that we have ever used. It is hand forged and will last most people a lifetime. We have had such a call for them by people who have seen our men use them, that we have decided to have a quantity made and offer them to our patrons. Price, \$1.00 each.

### AGENTS FOR BERRY PLANTS

We employ no salaried agents to sell Berry Plants or other goods for us, and if any person represents himself as such you must have nothing to do with him, if he is a stranger or an unreliable person. We have no objection to people taking orders for us, but they must do it on their own responsibility. To reliable parties who will go among their friends and neighbors to solicit orders for plants, we will give our best and lowest rates for large quantity shipments. We do not and cannot, however, allow a certain commission below catalogue rates. Our prices are too low to admit of this. If you order goods from us at lowest 1,000 rates and sell out to your customers at dozen and hundred rates, it makes a pretty fair commission. It is sometimes possible, when we have a surplus, to quote even lower prices than are listed here, on large orders. Better write us.

### CONDITIONS HAVE CHANGED

It used to be uphill business to order plants and trees by mail, the difficulties of getting what one wanted and the excessive cost of transportation were great drawbacks. Now you can sit down to your writing desk or table, make out your order and send it to the nurseryman with the satisfaction of knowing that you will get what you want with as much certainty as though you stood before the counter in your favorite grocery and called for granulated sugar. The transportation companies, whether express or parcel post, charge but a fraction of what used to be taxed you. So small is the transportation charge that you could not afford to make a personal visit to your favorite nursery, even if it were in your own city.



**GRAPE VINES**

LEADING VARIETIES	ONE YEAR OLD NO. 1		TWO YEARS OLD NO. 1	
Agawam	10c each;	25 for \$1.50;	100, \$5.00	12c each; 25 for \$1.75;
Amber Queen	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.50;
August Giant	20c each;	25 for 3.00;	100, 8.25	25c each; 25 for 3.50;
Bacchus	15c each;	25 for 1.50;	100, 5.00	20c each; 25 for 3.00;
Barry	25c each;	25 for 2.50;	100, 9.00	30c each; 20 for 3.50;
Bereckman's	25c each;	25 for 2.50;	100, 10.00	30c each; 25 for 3.50;
Beta	20c each;	25 for 3.00;	100, 8.00	25c each; 25 for 3.50;
Brighton	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Brilliant	25c each;	25 for 4.00;	100, 12.00	30c each; 25 for 5.00;
Campbell's Early	25c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Catawba	10c each;	25 for 1.50;	100, 4.50	12c each; 25 for 1.75;
Champion	10c each;	25 for 1.50;	100, 4.00	12c each; 25 for 1.75;
Clinton	10c each;	25 for 1.50;	100, 4.00	12c each; 25 for 1.75;
Concord	8c each;	25 for 1.00;	100, 3.50	10c each; 25 for 1.50;
Cottage	15c each;	25 for 1.50;	100, 5.00	20c each; 25 for 3.00;
Cynthiana	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Delaware	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Diamond	15c each;	25 for 1.50;	100, 5.00	20c each; 25 for 2.50;
Diana	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Dracut Amber	15c each;	25 for 1.50;	100, 5.00	20c each; 25 for 2.50;
Duchess	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Early Ohio	15c each;	25 for 2.50;	100, 8.50	20c each; 25 for 3.50;
Early Victor	25c each;	25 for 2.75;	100, 11.00	30c each; 25 for 4.00;
Elvira	10c each;	25 for 1.50;	100, 4.50	12c each; 25 for 1.75;
Empire State	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
Esther	25c each;	25 for 2.50;	100, 9.00	30c each; 25 for 4.00;
Etta	15c each;	25 for 1.50;	100, 6.00	20c each; 25 for 2.50;
Eumelan	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Green Mountain	25c each;	25 for 4.00;	100, 14.00	30c each; 25 for 6.00;
Gaertner	25c each;	25 for 3.00;	100, 10.00	30c each; 25 for 4.00;
Geneva	15c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Goethe	15c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Green's Early	15c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Hartford	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Hayes	15c each;	25 for 1.50;	100, 5.50	20c each; 25 for 2.50;
Herbert	20c each;	25 for 2.50;	100, 7.50	25c each; 25 for 3.00;
Herman Jaeger	15c each;	25 for 6.00;	100, 17.00	35c each; 25 for 4.50;
Iona	15c each;	25 for 1.50;	100, 5.00	20c each; 25 for 2.50;
Isabella	15c each;	25 for 1.50;	100, 5.50	20c each; 25 for 2.50;
Ives	10c each;	25 for 1.50;	100, 5.00	12c each; 25 for 1.75;
Janesville	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Jefferson	25c each;	25 for 4.00;	100, 12.00	30c each; 25 for 5.00;
Jessica	25c each;	25 for 2.75;	100, 10.00	30c each; 25 for 4.00;
Lady	15c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Lindley	10c each;	25 for 1.50;	100, 5.00	12c each; 25 for 1.75;
Lucile	15c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Lutie	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;
Martha	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
Massasoit	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
Moore's Early	15c each;	25 for 1.50;	100, 5.50	20c each; 25 for 2.50;
Mo. Reissling	15c each;	25 for 1.50;	100, 5.50	20c each; 25 for 2.00;
Moyer	15c each;	25 for 1.50;	100, 5.50	20c each; 25 for 2.50;
Niagara	12c each;	25 for 1.50;	100, 5.50	15c each; 25 for 2.50;
Norton	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;
Perkins	20c each;	25 for 2.50;	100, 7.50	25c each; 25 for 3.00;
Pocklington	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 3.50;
Prentiss	25c each;	25 for 2.50;	100, 8.00	30c each; 25 for 4.00;
Rommel	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;
Salem	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
Telegraph	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Triumph	30c each;	25 for 6.00;	100, 17.00	35c each; 25 for 7.50;
Vergennes	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
Wilder	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Woodruff Red	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;
Worden	10c each;	25 for 1.50;	100, 5.00	12c each; 25 for 1.75;
Wyoming Red	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
The Belle	50c each;	25 for 6.00;	100, 20.00	60c each; 25 for 7.50;
Colearin	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;
Early Daisy	25c each;	25 for 4.00;	100, 11.00	30c each; 25 for 4.50;
Lady Washington	25c each;	25 for 4.00;	100, 12.00	30c each; 25 for 5.00;
Merrimac	15c each;	25 for 1.75;	100, 7.00	20c each; 25 for 2.50;
Regal	15c each;	25 for 2.50;	100, 9.00	20c each; 25 for 3.50;
Ulster Prolific	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;
Alice	15c each;	25 for 1.75;	100, 6.00	20c each; 25 for 2.50;
Brown's Early	20c each;	25 for 2.50;	100, 8.00	25c each; 25 for 3.00;

**THE LUCILE**

**The Coming Red Market Grape**

The Lucile ripens between Moore's Early and Worden, just in time to pack with Diamond and Worden; an excellent trio of our National colors—red, white and blue.

The Lucile is sweet, and in quality compares favorably with that of Wyoming Red, which it also resembles in color. But its crowning glory is the size and compactness of its clusters which resemble those of Diamond and Pocklington, but even larger. While it is an excellent market grape any-

where, it is indispensable at the extreme North where only early and extra hardy varieties succeed.

The Lucile yields as much or more than Concord, Niagara or any other well known market grape. Hardy and healthy as any grape, and much more so than Niagara. A strong, robust grower and ripens its wood to the tip under a load of fruit, under which the Niagara would not ripen one-half.

The Lucile never drops its berries, but where the season is long enough it gradually dries up into raisins on the vines.

**THE BELLE****A New Grape Compared with Concord  
By the Originator.**

The Belle is accidental seedling of rare qualities, originated with us and produced its first fruit in 1880. It equals the well known Concord in the regularity and the abundance of its crops; surpasses it in the size, color, quality and appearance of its fruit; is two weeks earlier, sweeter with more agreeable flavor, stronger grower, heavier foliage, berries an inch and leaves a foot in diameter. It has stood a temperature of 34 degrees Fahrenheit without injury. Although in cultivation thirty-five years, the Belle is still a new grape to the million, for the million have not heard of its existence. It has not been tested as a wine grape, advertised in any periodical, sold on any great market, exhibited to any horticultural gathering, and but few plants have been disposed of, except locally, and then on territory adjacent to the place of its origin. From the day of its discovery



among the rank canes of a discarded Lawton black-berry patch to the present, it has not missed a crop and its fruit, ripe or green, has seldom ever failed to catch the attention of callers at the old homestead vineyard, where it holds undisputed pre-eminence above its fellows. Its compact, well developed clusters, fine appearance, delicious flavor, large, beautiful pink berries, together with its other intrinsic qualities, make it the most desirable grape known to us, perhaps to cultivation. As a table grape it has no equal. It is a cross of Concord and Catskill Mammoth and more vigorous than either. To produce a new grape that equals or excels another so well-known, so universally grown over so wide a range of country, and fairly glittering with such an array of grand good qualities as is shown by the Concord, will be no small triumph, and one long to be remembered; yet such is our claim for the Belle; but the verdict of public opinion is not recorded, and that claim is still an open question. The Belle is far too good a grape to be lost to cultivation. We call upon an ever liberal public to assist in its introduction by ordering one or more plants. Whoever sees or partakes of the fruit can scarcely resist the temptation of securing the means to produce it. Our plants are all layers of last year's growth and transplanted layers of the previous year. Nothing but strong, vigorous plants will be sent out—such as we would select for our own planting. Price, 1 for 75c; 12 for \$7.50.

**A SURPLUS OF CATALOGUES**

If you have not already received my regular 1917 catalogue (issued in February), you had better send and get a copy. This year we printed a large number of extra copies and we have more than regular calls will take up, so we are willing and anxious to send one to anybody interested in berries. It does not make any difference whether you intend to order plants of me this year or not, you can have a catalogue if you want it by addressing

L. J. FARMER,  
Pulaski, N. Y.

**THE NEW EXTRA EARLY BLACK  
GRAPE****The Earliest Grape Known**

The Early Daisy ripens a week before Moore's Early, Champion or any other extra early variety and is as hardy, healthy, robust and productive as any. In quality it is better than most, while its shipping qualities are unsurpassed by any other grape. It has never been known to mildew or winter kill. It always yields a full crop, and no matter how heavy a load of fruit it bears it is sure to develop it to perfection. The Early Daisy is of medium size in both bunch and berry and very compact, reminding one of the Telegraph, although different in shape, its bunches being long rather than round. Its berries never crack or drop from the cluster. While not high flavored like some varieties having foreign blood in them, it is good and sweet soon as fully colored, not foxy. Its worst fault is that, like all our purely native early grapes, its flesh is somewhat pulpy, although no more so than that of Moore's early, if indeed as much. Desirable anywhere for both domestic use and market. Indispensable for cold sections having short season.

**EXTRA LARGE SIZED PLANTS**

People often want plants and trees for immediate effect. They want results right along. It is sometimes impossible to supply plants or trees for immediate effect when they are in full leaf, but if extra large sized berry plants are dug carefully while they are dormant, they will begin to fruit that same season they are set out and you will get quite good results. Extra large sized fruit trees will begin to fruit sooner than small trees, but of course it is impossible to get much fruit from any fruit tree the first year it is set. Peaches, plums, cherries, pears and some varieties of apples will fruit in a year or two after they are set out if conditions are favorable. Strawberries, raspberries, blackberries, currants and gooseberries will bear the same year they are set out if carefully planted while the plants are entirely dormant in early spring or the fall before. Of course, the plants must be well developed specimens, the larger sized the better the results. Ornamental trees and shrubs, roses, etc., will often blossom and make a good showing the first year if set early in the spring or the fall before. We favor fall planting where the winters are mild, for all kinds of plants, vines and trees; and very early spring planting where the winters are severe. It is all right to plant hardy plants, vines and trees in localities where the winters are severe, if the plants and trees are thoroughly ripened and matured before taken from the nursery in the fall. We do not make it a practice of stripping leaves from fruit trees that we sell in the fall. We think that stripping leaves from trees or plants before they mature, weakens the specimens for standing the winter, and if trees are ordered early in the fall, we ship them with leaves on them. Our prices for plants, vines, shrubs and trees for immediate effect, large sized perfect specimens, is just double the ordinary prices charged in this catalogue. Better tell us just what you want and get prices by mail.

**WHAT—WHERE—WHEN AND HOW  
TO PLANT**

A pamphlet of thirty-six pages, giving definite instructions how to select and plant all kinds of Fruit and Ornamental Trees, Berry Plants, Roses, Shrubs, Evergreens, Vines and Perennials. Facts on four questions that everyone wants to know. Profusely illustrated with common sense illustrations that everybody can understand. I consider this little pamphlet of the greatest value to anyone who contemplates planting fruits or ornamentals. It shows how to lay out school and home grounds and contains a wealth of information that everybody is anxiously seeking. Price, 25c each. Special prices on large quantities.

**HOW TO GROW STRAWBERRIES IN  
A BARREL**

An Essay, by L. J. Farmer, showing how people who have but roof gardens or a few feet of back stoop can grow a few strawberries for the table. Also convenient exhibiting strawberries at fairs, exhibitions, etc., and the Barrel of Strawberries as a front yard ornament. Price, 10c.

Address L. J. FARMER, Pulaski, N. Y.

**ASPARAGUS ROOTS**

Conover's Colossal, 25 for 35c; 100, \$1.00; 1000, \$5. Palmetta, 25 for 35c; 100, \$1.00; 1000, \$6. Giant Argenteuil, 25 for 50c; 100, \$1.25; 1000, \$7. Barr's Mammoth, 25 for 35c; 100, \$1.00; 1000, \$6. Donald's Elmira, 25 for 35c; 100, \$1.00; 1000, \$6. Columbian White, 25 for 50c; 100, \$1.25; 1000, \$7.

Above prices are for strong two-year-old roots, the kind usually planted. We can supply above varieties in one-year-old roots, at 50c per 100; \$3.50 per 1000, except Argenteuil and Columbian White, which are 75c per 100, \$5 per 1000. We have a fine supply of three and four-year-old roots (bearing size) which we will sell 25 for 75c; 100, \$1.50; 1000, \$10.00. These are the finest roots we ever handled and can be used for forcing if wanted.



Palmetto Asparagus

**RHUBARB or PIE PLANT**

Linnaeus, 5c each; 25 for \$1.00; 100, \$3.50; 1000, \$30. Victoria, 8c each; 25 for \$1.50; 100, \$5; 1000, \$40. New Queen, 10c each; 25 for \$2.00; 100, \$6.00; 1000, \$50.

Our Rhubarb roots are unusually large and vigorous. Prices have been made low and now is the time to obtain a supply. Roots are divided and ready to plant. We can supply extra large sized roots for winter forcing at just double above prices.

**HORSERADISH ROOTS**

Maliner Kren (New, from Bohemia), 25 for 50c; 100, \$1.00; 1000, \$7. Common Garden Horseradish, 25 for 25c; 100, 75c; 1000, \$5.

**SAGE PLANTS**

Holt's Mammoth Sage (does not seed), 10c each; 25 for \$1.50; 100, \$5; 1000, \$40. Common Garden Sage Roots, 5c each; dozen, 50c; 100, \$3; 1000, \$25.

**VEGETABLE PLANTS**

**CABBAGE PLANTS**

Hardy Frost-Proof Cabbage Plants. Grown for us near the Ocean in Virginia and South Carolina. In the open fields, and ready to ship by mail or express any time during the winter and spring. VARIETIES.—Early Jersey Wakefield, Charleston Large Type Wakefield, Succession, Augusta Trucker, Flat Dutch. Price 35c per 100; \$2.00 per 1000; 5000, \$7.50; 10000, \$12.50.

Late Cabbage Plants. Ready in May, June, July and August. Varieties.—Early Jersey Wakefield, Charleston Wakefield, Succession, Surehead, Late Drunhead, Danish Ball Head, Copenhagen Market, Mammoth Rock Red, Fottier's Improved Brunswick and others. Price 35c per 100; \$2.00 per 1000; 5000, \$7.50; 10000, \$12.50.

**TOMATO PLANTS**

Greenhouse Grown, 35c per dozen; 25 for 50c; 100, \$1.50; 1000, \$10. Field Grown, ready in May and June, 15c per dozen; 50c per 100; \$3.50 per 1000. Varieties, Earliana, Chalk's Jewell, Ponderous, Champion, Dwarf Stone, Matchless and others. John Baer, double price.

**CELERY PLANTS**

Ready in June, July and August. 25c per dozen; 25 for 35c; 100, \$75c; 1000, \$3.50. Varieties.—White Plume, Golden Self Blanching, Golden Heart, Giant Pascal and others.

**SWEET POTATO PLANTS**

Ready in May, June and July. 25 for 25c; 50c per 100; \$3.50 per 1000. Varieties.—Jersey Yellow, Vineland Bush, Jersey Red, Red Bermuda, Jersey Big Stem Improved.

**CAULIFLOWER PLANTS**

25 for 35c; 100, \$75c; 1000, \$5.00. Varieties, Early Snowball, Extra Early Dwarf Erfurt.

**BEEET PLANTS**

Crosby's Egyptian, Eclipse, etc., 25c per 100; \$2.00 per 1000; 5000 or over, \$1.50 per 1000.

**LETTUCE PLANTS**

30c per 100; \$2.00 per 1000. Varieties.—Big Boston, Boston Market, Grand Rapids, All Seasons, New Morse.

**PEPPER PLANTS**

25 for 25c; 100 for 50c; 1000, \$3.50. Ready in May and June. Varieties.—Bull Nose, Ruby King, Sweet Mountain, New Tomato, True Red Chill, Red Cayenne.

**BRUSSELS SPROUTS**

50c per 100; \$3.50 per 1000.

**EGG PLANTS**

25 for 25c; 100, 75c; 1000, \$6. Varieties.—New York Improved, Black Beauty.

**KALE**

Dwarf Green Curled Scotch, 30c per 100; \$2.50 per 1000.

**LEEK**

Carentum and Rouen, 35c per 100; \$2.50 per 1000.

**KOHL RABI**

Early White Vienna, 40c per 100; \$2.50 per 1000.

**PARSLEY**

Dwarf Fern Leaf; 35c per 100; \$3 per 1000.

**SEED POTATOES**

Varieties	Peck.
Red Bliss	\$1.25
Irish Cobbler	1.25
Green Mountain	1.25
Am. Giant	1.25
New Snow	1.25
Trust Buster	1.50
Plucky Baltimore	1.50
Gray's Mortgage Lifter	1.50
Prosperity	1.25
Crown Jewell	1.25
Beauty of Hebron	1.25
Ensign Bagley	1.25
White Rose	1.25
Enochas	1.25
Gold Coin	1.25
Maine Early Rose	1.25
Early Ontario	1.25
Thoroughbred	1.25
New Queen	1.25
Early Northers	1.25
Clark's No. 1	1.25
Spalding's No. 4	1.25
Ex. Early XX Rose	1.25
Ey. Round Six Weeks	1.25
Ey. Long Six Weeks	1.25
Early Bovee	1.25
Sir Walter Raleigh	1.25
Rural New Yorker	1.25
White Elephant	1.25
Empire State	1.25
Early Fortune	1.25
State of Maine	1.25
Early Harvest	1.25
Carmen No. 3	1.25
Burbank	1.25
Puritan	1.25
Dakota Rose	1.25
Dew Drop	1.25
Bull Moose	1.25
Hastings	1.25
Early Minnesota	1.25
Lady of London, 25c per lb.	1.50
Mrs. Dimon, . . . . .	.50 cents per lb.

Above varieties of potatoes will be supplied at 20c per pound, except Lady of London and Mrs. Dimon.

## FRUIT TREES

### APPLES THE OSWEGO APPLE

This new apple was discovered by Daniel D. Tryon of a neighboring town, an old schoolmate of mine, some 12 years ago. The young tree was found growing up through the branches of an old Northern Spy tree that had become split down by its heavy loads of fruit. The bright red apples were in striking contrast to the streaked fruit on the Northern Spy branches and easily attracted the attention of Mr. Tryon. This new apple has all the valuable characteristics of the Northern Spy and in addition has a beautiful clear red color, the most beautiful apple I have ever seen. The trees are healthy, clean growers and can hardly be distinguished from the Spy, they are so near like it in growth. The original tree has borne a crop of fruit every year since it was discovered and therefore can be truthfully called an annual bearer.

The fruit of the Oswego apple averages about the same size as the Spy and has the same general characteristics, except color, which is a beautiful deep clear red, with no stripes or splashes. Near the calyx end are small dots like those of the Spitzenburgh, and this characteristic, combined with the excellent quality, has led the originator to believe it a cross between the Spy and Spitzenburgh. The flesh is very fine grained, yellowish white, of a rich appearance, and has a flavor suggesting a cross between the Spy and Spitzenburgh. It has a crispy Spy taste, although not so juicy as the Spy. The season is about the same as Spy, but they are longer keepers. The fruit is exceptionally fine appearance, and when placed on exhibition with other varieties attracts the greatest attention. We have shown them at meetings of the Western New York Horticultural Society and of the New York State Fruit Growers Association, and everybody is enthusiastic for their future. We offer a fine lot of two and three-year-old trees for sale, this spring at the following prices. Some of the smaller trees can be cut back so as to go by parcel post.

Prices. First Class Trees, 2 and 3 years old, 50c each; \$4 per dozen; \$35 per 100.

BABY TREES, 1 year old, 25c each, \$2.50 per dozen; \$18.00 per 100.

#### JUST A FEW WORDS ABOUT THE NEW OSWEGO APPLE, TAKEN FROM LETTERS RECEIVED

Painesville, Ohio, Jan. 2nd, 1915.

It is certainly a mighty pretty fruit, if they all color up as well as this does, and very good quality indeed.

THE STORRS & HARRISON CO.

New Haven Connecticut, Dec. 31st, 1914.

The color and general appearance of the sample is immensely pleasing.

THE ELM CITY NURSERY CO.

A Perfect Specimen of Oswego Apple  
(Cut taken from Rural New Yorker)

Des Moines, Iowa, Jan. 2nd, 1915.

The color and texture and quality are in my judgment good enough to justify extensive cultivation and trial under conditions something like Oswego County, N. Y.

C. L. WATROUS.



A Plate of the New Oswego Apple

Des Moines, Iowa, Jan. 2nd, 1915.

We are in receipt of the sample of Oswego apple. It came in splendid condition and gave me a chance to judge of the fruit, both as to quality and keeping characteristics. You certainly have an apple of a good deal more than ordinary quality, being mild, sub-acid, firm and a splendid dessert apple. Its color being deep red is in its favor. As an eating apple, it is ahead of the Jonathan, judging from the specimen.

If it is a good tree, hardy and a good bearer, you certainly have a good thing.

M. J. WRAGG, Mgr.,

The Wragg Nursery Co.

Winona, Ontario, Jan. 2nd, 1915.

We have sampled this apple and are much pleased with the general appearance and flavor.

E. D. SMITH & SON.

Girard, Pennsylvania, Jan. 2nd, 1915.

We received the specimen apple and assure you that we consider it very fine.

PENNSYLVANIA NURSERY CO.

Shenandoah, Iowa, Jan. 1st, 1915.

It has a nice appearance and splendid color, which would indicate that it ought to have a future.

E. S. WELCH.

Geneva, New York, Jan. 5th, 1915.

It certainly is a handsome apple, with a decided pinkish red and a very tender fleshed apple.

W. L. MCKAY.

Dansville, New York, Jan. 5th, 1915.

The apple looks and tastes as though it may become popular.

WM. J. REILLY.

Odessa, New York, Jan. 4th, 1915.

The appearance of this apple is very fine.

ELMER SHERWOOD.

Berlin, Maryland, Dec. 31st, 1914.

Received the sample Oswego apple. This apple seems to be of very good quality.

J. G. HARRISON & SONS.

Albert Lea, Minnesota, Jan. 1st, 1915.

The apple, both in color, size, shape and quality, is beyond reproach, and as you say, it gives great promise of being a splendid thing.

CLARENCE WEDGE,  
The Wedge Nursery.

Girard, Pa., Feb. 9th, 1915.

I received the sample apple and think it very fine.

M. L. SWEENEY.

Rochester, New York, Jan. 6th, 1915.

It is a good looker.

WM. PITKIN,  
Chase Bros. Co.

Yankton, S. D.  
We consider it a good apple.

WHITING NURSERY CO.

Vincennes, Indiana, Jan. 5th, 1915.

The color is very fine, making a showy fruit.

W. C. REED.

Rochester, New York, Dec. 31st, 1915.

It is very fine in the matter of color and taste.

WESTERN NEW YORK NURSERY CO.

Brooklyn, N. Y., Dec. 30th, 1915.

This apple should be a valuable addition to the list of standard varieties; its color, regular shape and fine appearance will surely tell in market; its quality is good; its texture is not quite up to that of the Wagener, Delicious, and one or two other very fine grained sorts, but it is not far behind them in that respect; while I judge it will be far ahead of them in general shipping qualities. So many of these delicate sorts being too thin skinned and tender to bear handling, a fatal defect for general orchard purposes.

J. F. LeCLARE.

Topeka, Kansas, Jan. 1st, 1915.

We received the specimen apple in good condition. It is an apple of good color and shape, and the flavor is very pleasing.

J. H. SKINNER & CO.

Lawrence, Kansas, Jan. 2nd, 1915.

We thank you for the sample of the "Oswego" apple. We hope it may prove to be of great value. The color is rich and the flavor good.

MOUNT HOPE NURSERIES.

Orengo, Oregon, Jan. 5th, 1915.

Received sample of the Oswego apple, which came through in good condition and appears to be an apple of fairly good quality and texture. We would like to have you send us two trees that we may test them.

OREGON NURSERY CO.

Rochester, New York, Dec. 31st, 1915.

The new Oswego apple to hand, and which we note as of excellent appearance, being highly colored and very attractive and of good flavor. It ought to be particularly in demand as a table apple.

RALPH T. OLCOTT,  
Pubr. "American Fruits."

Rochester, New York, Dec. 29th, 1915.

We are in receipt of an apple called the Oswego, which has a very good flavor.

ALLEN NURSERY CO.

Dansville, New York, Jan. 5th, 1915.

Sample of Oswego apple received some days ago; the same is very attractive and of good quality and in view of its productiveness, I am satisfied that it will prove valuable.

F. W. WELLS,  
Painesville, Ohio, Dec. 30th, 1915.

I should say that it is of very fine quality and highly colored.

W. B. COLE.

Vincennes, Indiana, Jan. 13th, 1915.

We received the sample of the Oswego apple. It is fine and we think the flavor very excellent.

H. M. SIMPSON & SONS.

Geneva, New York, Jan. 9th, 1915.

Sample of Oswego apple received and we will ask that you enter our order for one dozen of these trees.

RICE BROS. CO.

Normal, Illinois, Dec. 30th, 1914.

Sample of the new apple Oswego came duly to hand. I was impressed with both the quality and color.

A. M. AUGUSTINE.

Rochester, New York, Dec. 29th, 1915.

Your favor of the 28th was received. The same mail brought the apple which we have tested, and found to be of very good quality, it ought to be worthy of introduction.

C. M. HOOKER & SONS.

Manchester, Connecticut, Dec. 29th, 1914.

Received specimen of the Oswego apple. Color is all right and flavor good. It ought to be a comer, and as it is highly colored, it ought to command a high price in the market.

C. R. BURR & CO.

Rochester, New York, Jan. 2nd, 1915.

The apple you sent is beautiful in color, reminding me some in appearance of Jonathan. The quality is good and the size about that of Fameuse.

CHAS. A. GREEN.

Ottawa, Kansas, Jan. 2nd, 1916.

It is a fine appearing apple, and if the quality is equal to the appearance, we think there would be some demand for it.

A. WILLIS & CO.



A Perfect Specimen of Oswego Apple  
(Cut taken from Rural New Yorker)

## STANDARD VARIETIES OF APPLE TREES

Summer Apples: Early Harvest, Golden Sweet, Red Astrachan, Sweet Bough, Yellow Transparent.  
Autumn Apples: Alexander, Duchesse of Oldenburgh, Fameuse (Snow Apple), Gravenstein, Maiden's Blush, Wealthy, Pumpkin Sweet.  
Winter Apples: Baldwin, Ben Davis, Improved Ben Davis, Golden Russet, Grimes Golden, Gano, Hubbardson's Nonesuch, Jonathan, King, McIntosh, Red, N. W. Greening, Northern Spy, Pewaukee, Rome Beauty, Stark, Smokehouse, Spitzenburgh, Stayman's Winesap, Tolman's Sweet; R. I. Greening, Seek No Further, Wagener, Walbridge, Wolf River, Winter Banana, York Imperial. We can also do the following in limited quantities: American Blush, Arkansas Black, Bailey's Sweet, Baxter, Blue Permain, Bolken, Delicious, Fallwater, Gilliflower, Mann, Opalescent, Peck's Pleasant, Rambo, Red Canada, Smith's Cider, Sutton's Beauty, Twenty Ounce, Walker's Beauty, Willow Twig, Yellow Bell.  
Crab Apples: Hyslop, Transcendent, Whitney.  
Price of Apple Trees: Two-year, No. 1, 5 to 7 feet, 22c each, \$2.20 per dozen, \$14 per 100; 3 to 5 feet, first class, 13c each, \$1.30 per dozen, \$8 per 100.  
Dwarf Apple Trees. Leading varieties: 3 to 4 feet, 30c each; \$3.25 per dozen, \$23 per 100.

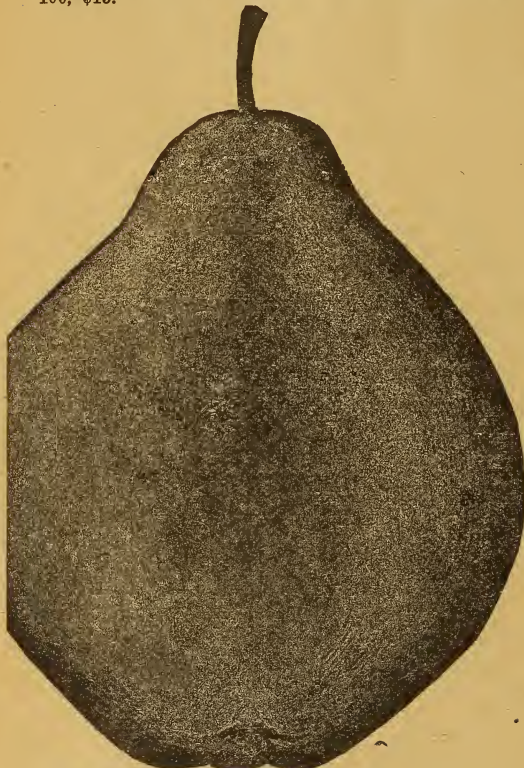
**STANDARD PEARS**

Summer Varieties: Bartlett, Clapp's Favorite, Early Harvest, Koonce, Wilder.

Autumn Varieties: Buerre Clairgeau, Buerre de Anjou, Duchesse de Angouleme, Flemish Beauty, Lawson, Rossney, Seckel, Sheldon, Vermont Beauty.

Winter Varieties: Lawrence, Lincoln Coreless, Kieffer, Le Conte, Pres. Drouard, Winter Nellis. Price of Standard Pear Trees: 5 to 7 feet, 30c each, \$3 per dozen, \$22 per 100; two-year, 4 to 5 feet, first class, 20c each, \$2 per dozen, \$12 per 100.

Dwarf Pears: Anjou, Duchesse de Angouleme, Bartlett, Clapp's Favorite, Flemish Beauty, Kieffer, Koonce, Seckel, Tyson, Wilder. Two-year, No. 1, 3½ to 5 feet, 35c each; dozen, \$3.50; 100, \$25. Two-year, 2 to 3 feet, 25c each; dozen, \$2.50; 100, \$15.



Flemish Beauty Pear

**CHERRIES**

Sour Varieties: Baldwin, Dyehouse, Early Richmond, Large Montmorency, English Morello, Olivet, Ostheme, May Duke, Wragg. Prices: 4 to 5 feet, two-year-old, 35c each; dozen, \$3.50; 100, \$28; 3 to 4 feet, two-year, 25c each; dozen, \$2.50; 100, \$18.

Sweet Varieties: Bing, Black Eagle, Black Heart, Black Tartarian, Gov. Wood, Napoleon Bigarreau, Lambert, Schmidt's Biggareau, Windsor, Yellow Spanish. Prices: Two-year, No. 1, 5 to 7 feet, 40c each; dozen, \$4; 100, \$30. Two-year, 4 to 5 feet, 30c each; dozen, \$3; 100, \$20.

**PLUMS**

European Varieties: Beauty of Naples, Bradshaw, Coe's Golden Drop, Diamond, Fallenburg (French or Italian Prune), Grand Duke, Pond's Seedling, Genl, German Prune, Niagara, Lombard, Moore's Arctic, Shropshire Damson, Red Egg, Purple Egg, Shipper's Pride, Yellow Egg, York State Prune.

Japanese Varieties: Abundance, Burbank, Ciamax, October Purple, Sultan, Red June, Satsuma, Shiro, Wickson.

Prices: No. 1, two-year-old, 5 to 7 feet, 35c each; dozen, \$3.50; 100, \$25. Two-year, No. 1, 4 to 5 feet, 25c each; dozen, \$2.50; 100, \$18.

**QUINCES**

Varieties: Bourgeat, Rey's Mammoth, Meech's Prolific, Orange or Apple Quince, Champion. Prices: Two-year, No. 1, 4 to 5 feet, 35c each; dozen, \$3.50; 100, \$25. Two-year, 2 to 3 feet, 25c each; dozen, \$2.50; 100, \$18.

**PEACHES**

Varieties: Alexander, Beer's Smock, Belle of Georgia, Crawford's Late, Crosby, Carman, Chair's Choice, Early Rivers, Fitzgerald, Greengboro, Hill's Chili, Large Early York, Iron Mountain, Niagara, Elberta, Champion, Triumph, Engle's Mammoth, Old Mixen Free, Crawford's Early, Captain Ede, Salway, Stump the World. We can also supply the following in small lots: Admiral Dewey, Ray, Fox's Seedling, Eureka, Mayflower, Sneed, Yellow St. John, Kalamazoo, Thurber, Stevens' Rareripe, Wonderful, Willet.

Prices: One year, No. 1, 4 to 6 feet, 20c each, \$2 per dozen, \$15 per 100; one-year, 2 to 3 feet, 12c each, \$1.20 per dozen, \$8.00 per 100.

**APRICOTS**

English Varieties: Harris, Moorpark.

Russian Varieties: Alexander, J. L. Budd, Alexis, Gibb.

Prices: Two-year, No. 1, 4 to 6 feet, 35c each, \$3.50 per dozen, \$25 per 100; two-year, 2 to 3 feet, 20c each, \$2 per dozen, \$15 per 100.



Large Bush Lilac at one end of our residence, planted by my mother many years ago.

**ORNAMENTAL SHADE TREES****EVERGREENS****AND FOREST TREE SEEDLINGS**

The demand for all kinds of ornamental trees is constantly increasing and every place needs to have a certain number of trees of some kind planted around it to make it look home-like. The ones offered are standard varieties.

Birch (Cut Leaf Weeping). (Betula Alba var. Pendula Lacinata.) Tall, slender, drooping branches and delicately cut leaves. White trunks and branches attractive in winter. 6 to 8 ft., \$1.00 each.

Catalpa Bungii. A unique ornamental tree with dome-shaped head. Hardy. 5-7 ft., 1 year heads, \$1.00 each.

Maple, Norway (Acer Platanoides). One of the best and most beautiful trees for lawn, street or park planting. 6-8 ft., 65c each; 8-10 ft., \$1.00 each.

Maple, Purple Leaf (Acer Platanoides var. Schwedlerii). Similar to the Norway Maple, except in early spring the young leaves are red, changing to purplish green. 6-8 ft., \$1.00 each; 8-10 feet, \$1.50 each.

**Poplar, Lombardy (Populus Italica).** Tall, narrow tree with striking and picturesque appearance. Conspicuous landmarks. 6-8 ft., 50c each.

**Red Bud (Cercis Occidentalis).** Attractive, especially when covered with the pink blossoms, before the leaves appear. 3-4 ft., 25c.

**Larch, European (Laris Deducua).** Beautiful in spring when covered with new growth of soft, feathery, light green foliage. Attractive, 5-7 ft., 45c each.

**Pine, Dwarf Mugho (Pinus Montana, var. Mughus).** Tree is broader than it is high. Effective for rocky places or groups of evergreens. 12-18 in., 65c each.

**Pine, Austrian (Pinus Austriaca).** Vigorous growing, tall, massive tree, with spreading branches. 2-3 ft., 60c each.

**Spruce, Koster's Blue (Picea Excelsa, var. Kosteriana).** Best of the Blue Spruce, perfectly hardy. Very attractive on account of its silvery blue foliage. 2-3 ft. \$2.50 each.

**Spruce, Norway (Picea Excelso).** Most common of all the Spruces. Good for hedges, screens, backgrounds or specimen planting. 18-24 in., 25c each.

**AMERICAN MULBERRY**

This Mulberry is equal to the Downing in all respects and is a much harder tree. It is a vigorous grower and very productive. The variety for the fruit. The berries are very large and black. Ripens from the middle of June to the middle of September. Excellent for windbreaks and around the orchards. 4-6 feet, first-class, each, 35c; \$3.00 per 12.

- from the flowers. 50c each; dozen, \$5.00.
- Calycanthus, floridus.** 25c each; dozen, \$2.50.
- Red Bud or Judas Tree.** 35c each; dozen, \$3.50.
- Purple Leaved Filbert.** 50c each; dozen, \$5.00.
- Japan Quince.** 50c each.
- Deutzia, Pride of Rochester.** Double White Deutzia, Dwarf Deutzia, Lemoine's Deutzia. 35c each; dozen, \$3.50.
- Eleagnus Longipes.** 35c each; dozen, \$3.50.
- Russian Olive.** 35c each; dozen, \$3.50.
- Forsythia (Golden Bell).** Fortunel, Suspensa, Viridissima. 35c each; dozen, \$3.50.
- Silver Bell.** 35c each; dozen, \$3.50.
- Witch Hazel.** 35c each; dozen, \$3.50.
- Rose of Sharon.** Boule de Feu (double, red), Coelestis (single, light blue), Coerulea Plen (double blue), Crested Beauty (white, with crimson eye), Jeanne de Arc (double, pure white), Lady Stanley double white), Rosea Plena (double rose), Totus Albus (single pure white), Violaacea Plena (double Rosy-lilac), Variegata (variegated leaver, dwarf growing). 35c each; dozen, \$3.50.
- Hydrangea, Paniculata Grandiflora (hardy).** 35c each; dozen, \$3.50.
- Hydrangea, Arborescens (Early Snowball).** 30c each; dozen, \$3.00.
- Hydrangea, Cineraria Sterilis (Hills of Snow).** 50c each; dozen, \$5.00.
- St. John's Wort.** Large Flowering, Dense Flowering, Gold Flower. 35c each; dozen, \$3.50.
- Yellow Jasmine.** 35c each; dozen, \$3.50.
- Mountain Laurel (Calloo Bush).** \$1.00 each.
- Corchorus, Japonica (Globe flower).** 35c each.



A Good Speciman of Clematis Paniculata, Owned by Our Neighbors, Mr. and Mrs. Hutchings, Price of These Plants, 25 Cents Each.

**HARDY ORNAMENTAL SHRUBBERY**

If I were to select a few shrubs for planting about the home, I should select the following.—Butterfly Bush; Deutzia, Pride of Rochester; Althea or Rose of Sharon, Rosea Plena; Hydrangea, Paniculata Grandiflora; Spiraea Vanhoutte; Snowball or Viburnum; and Weigela, Eva Rathke. These are my favorite shrubs.—L. J. Farmer.

**Flowering Almond (White or Rose flowers).** 50c each; dozen, \$5.00.

**Japanese Barberry (Barberry Thunbergii).** 25c each; dozen, \$2.50; 100, \$15.00.

**Butterfly Bush or Summer Lilac.** This has created quite a stir during the past few years. It is one of the few good summer flowering shrubs. The flowers in great terminal panicles remind one strongly of lilacs in appearance, and prove a great attraction for the butterflies. Our plants were covered with butterflies the past summer every sunshiny day, attracted by the peculiar penetrating pungent odor which constantly emanated

- |  | Each   | Dozen                | 100     |
|--|--------|----------------------|---------|
| <b>PRIVET</b>  |        |                      |         |
| California, 2 to 3 feet....  | \$0.10 | \$1.00               | \$ 6.00 |
| Golden, 2 to 3 feet.....   | .50    | 5.00                 |         |
| European, 2 to 3 feet....  | .15    | 1.50                 | 12.00   |
| Amoor River, 2 to 3 feet..   | .15    | 1.50                 | 12.00   |
| Regel's, 2 to 3 feet.....  | .20    | 2.00                 |         |
| Ibota, 2 to 3 feet.....  | .15    | 1.50                 | 12.00   |
| <b>Bush Honeysuckle.</b> Fragrant Honeysuckle, Japanese Bush, Tartarian, White Tartarian.      | 25c    | dozen, \$2.50.       |         |
| <b>Dwarf Horsechestnut.</b> 50c each.  |        |                      |         |
| <b>Mock Orange or Syringa.</b> Golden Syringa, Common Mock Orange, Large Flowered Mock Orange. | 35c    | each; dozen, \$3.50. |         |
| <b>Flowering Plum.</b> Pissardi, Triloba.  | 35c    | each; doz., \$3.50.  |         |
| <b>Double Flowering Crab Apple (Bechtel's Crab).</b>   | \$1.00 | each.                |         |
| <b>Rhodotypos.</b> 35c each; dozen, \$3.50.  |        |                      |         |
| <b>Sumach.</b> Smoke Bush, Fern Leaved, Cut Leaf   | 35c    | each; dozen, \$3.50. |         |
| <b>Flowering Currant.</b> Buffalo, Golden Currant, Pink  | 35c    | each; dozen, \$3.50. |         |

Locust Tree (Robinia). 35c each.  
 Flowering Raspberry. 35c each; dozen, \$3.50.  
 Elder, Canadensis (common American Elder), Golden Elder, Red Berried Elder. 35c each; doz., \$3.50.  
 Spirea or Meadow Sweet. Van Houttei, low spreading bush with curved branches and small trifoliate leaves. White flowers in magnificent abundance, weighing down the entire shrub. Of the easiest culture and most desirable. 35c each; dozen, \$3.50. Anthony Waterer, Billardi, Dwarf White Spirea, Douglassi, Ninebark, Golden Spirea, Bridal Wreath, Reseessiana, Sorbifolia, Thunbergii. 35c each; dozen, \$3.50.  
 Snowberry. Waxberry, Coral Berry or Indian Currant. 35c each; dozen, \$3.50.  
 High Bush Blueberry. 75c each; dozen, \$7.50.  
 Viburnum or Snowball. Japan Snowball, Dwarf Snowball, Guelder Rose Snowball, Wayfaring Tree, High Bush Cranberry. 35c each; dozen, \$3.50.  
 Monk's Pepper or Hemp Tree. 35c each; dozen, \$3.50.  
 Weigela, Eva Rathke. A hybrid with continuous blooming habit. Flowers of a rich ruby carmine. Very beautiful. This was the prettiest shrub that blossomed on our place last summer. Candida, Rosea, Nana Variegata. 35c each; \$3.50 per dozen.  
 Dogwood. Red Branch, Yellow Leaved, Panicked, Common Dogwood, Red Osier, Elegantissima, Silky Cornel, Cornelian Cherry. 35c each; dozen, \$3.50.  
 Rhododendrons. White, pink and red. \$1.25 each.



Our Exhibit of Oswego Apples and Fall-bearing Strawberries at Oswego, N. Y., County Fruit Show.

## LILACS

If you wish to plant but four Lilacs, select the following: Souv. de Ludwig Spaeth, Marie LeGraye, President Grevy and Charles X. We will supply the four varieties, fine trees, for \$1.25.

This assortment of varieties represents all shades of color, single and double, and includes the cream of the Lemoine Hybrids. It was selected from the best in the Highland Park collection at Rochester, N. Y. Price, 35c each; \$3.50 per dozen.

### List of Named Varieties

Frau Dammann. Single. The truss is immense, the flowers of medium size and pure white.  
 Dr. Breitschneider. Double purplish in bud, opening white; late. Very much on the order of Villosa,

Allie Mocuquary. Single, dwarf, compact growth, flowers dark purplish red; a profuse blooming sort and one of the finest of lilacs.  
 Charles Joly. Double. Dark reddish purple.  
 Charles X. Single. The well known favorite, purplish-red variety; strong, rapid grower; very graceful.  
 Congo. Single. Flowers large; wine red; very double and compact.  
 Leon Simon. Double. Compact panicles, of bluish crimson flowers.  
 Marie LeGraye. Single. The panicles of pure white single flowers and very fine and fragrant; an excellent forcing variety.  
 Michael Buckner. Dwarf, very double; pale lilac.  
 Othello. Single. Dark purplish-red; large graceful panicles of single flowers; a good one.  
 Philemon. Single. Possibly the darkest shade in lilacs.  
 Souv. de Ludwig Spaeth. Single. Panicles long; individual flowers; large single, dark purplish red, a well known and favorite variety.  
 Vivian Morel. Single. Very long spikes; flowers of medium size, round and double; light bluish lilac, with white center.  
 Dr. Masters. Double. Spikes a foot long; flowers very light; clear lilac, with lighter center.  
 Princess Alexandria. Single. One of the finest white varieties; large panicles.  
 Boussingault. Double. A new light blue lilac.  
 Villosa. Single. Large panicles; flowers light purple in bud; opening white; late.  
 Lilarosa. Single. Silvery pink; very desirable.  
 Mme. Lamoine. Double. Pure white, fine.  
 President Grevy. Very large individual flowers of a beautiful shade of blue. Double.  
 Josikaea. Single. Purple; late. Blooming after all other lilacs have gone. Tree like growth.  
 Japonica. Single. Creamy white, in large panicles. A month later than other lilacs. Grows into a small tree.  
 Rubra de Marley.  
 Colmarensis. Single. Very large pale blue flowers and fine glossy foliage.  
 Toussaint L. Ouverture. Single. Very dark, purplish flowers, single and oddly crinkled petals.  
 Wm. Robinson. Single. Violet-Mauve, clear underneath; irregular flowers in long spikes.  
 Alphonse Laville. Double. Blue, shading to violet; extra large panicles.

## OUTDOOR ROSES

We have the following Outdoor Roses in two year sizes at 25c each, \$2.50 per dozen; and three year size at 35c each; \$3.50 per dozen.

Crimson Rambler, Baby Rambler, Philadelphia Rambler, Pink and White Dorothy Perkins, Blue Rambler, White Rambler, Grus an Teplitz, Frau Karl Druschki, LaFrance, Mrs. J. Laing, Margaret Dickson, Paul Neyron, Tausendschon, Gen. Jacqueminot, M. P. Wilder, Fisher Holmes, Clio, Baltimore Belle, Crested Moss, Blanche Moreau, Wm. Lobb, Salet, Anna de Diesbach, Madame Gabriel Luizet.

## PEONIES

### List of Named Varieties

Charlemagne. Creamy white, center light lilac, flesh shaded with chamois, late. 35c each.  
 Comte de Nipperg. Dark rose pink, large bloom. 30c each.  
 Couronne de Or. Immense, very full, imbricated, ball shaped bloom; snowy white with yellow stamens; fragrant, perfect as a cut flower sort; very late, coming in after all other stemmed white sorts are gone. 35c each.  
 Delachei. Deep crimson purple; one of the best dark peonies; late midseason. 30c each.  
 Duke of Wellington. Flowers fragrant; sulphur white, large and well formed; strong grower stems long and firm; late midseason. 40c each.  
 Festiva Maxima. Undoubtedly the finest early white in existence, both in color and in form. Enormous pure white flowers splashed with clear carmine spots on edges of center petals. Handsome foliage and very fragrant. Early, 40c each.  
 Francois Ortegat. Semi-double; large, purplish crimson bloom, with brilliant yellow golden anthers; very striking. 30c each.  
 Gloire de Douai. Purplish scarlet crimson, with black reflex, late. 30c each.  
 Golden Harvest. Very large blooms, blush guard petals, creamy white center; midseason; one of the freest bloomers. 35c each.



**Nigricans.** Very late, brilliant; purplish crimson. 40c each.

**Officinalis Rubra Plena.** The well known, very early, double crimson. 35c each.

**Prince Imperial.** Brilliant, purplish scarlet; free bloomer, fine for massing in landscape work. 35c each.

**Queen Victoria (Whitleyii).** There are two well known varieties of this name. This is the standard pure white variety for storage for market. 30c each.

**LaSublime.** Crimson; fine, full, fragrant. 30c each.

**LaTulippe.** Late, very large, full, shell-formed blooms, borne on long, erect stems; delicate rose, fading to creamy white; one of the best. 40c each.

**Louis Van Houtte.** Fine dark crimson, very double, strong. 35c each.

**Mme. Rene Dessert.** In clusters; soft lilac, with silvery violet reflex. 40c each.

**Mme. Grousse.** One of the best whites. Midseason. 40c each.

**Mme. Lebon.** Brist cherry pink. 30c each.

**Monsieur Barrall.** Soft, clear pink; large and full; long stems. 30c each.

**Mable Chair.** Double red, beautiful. 30c each.

**Bertha.** Double red, fine. 25c each.

**Boadicea.** Rose, center creamy white, edged carmine. 30c each.

**Crimson Queen.** Double. Rich crimson. 35c each.

**Potsji Alba.** Double. Opens pink, fades nearly white, large. 25c each.

**Terry's Superba.** Double pink. 30c.

**Richardson's Graniflora.** Very late, delicate violet-salmon pink, extra fine. 30c.

**Jeanne de Arc.** Double pink, extra fine. 30c.

**Prolifera Tricolor.** Pink, white and yellow, fine. 30c each.



M. P. Wilder Rose

## JAPANESE TREE PEONIES

These Peonies are imported direct from Japan and should not be confused with inferior plants propagated by local nurserymen. These plants have from one to three buds and should bloom the first season. The flowers are mostly single, very large and attractive, running from 7 to 11 $\frac{3}{4}$  inches in diameter.

### VARIETIES

Azumakagami (scarlet); Yoyono Homare (dark red); Shinuryn (dark purple); Akashigata (pink); Mikasayama (red); Iroko Seki (orange); Shiroka-

gurajishi (white); Yaso Okino (white); Muhensei (pink); Daikaginc (red); Seiryu (white); Saishuji. Price, \$1.00 per plant; 1 each of the 12 varieties, \$10.00. If you want something fine, here it is.

## GERANIUMS

All plants offered are rooted nicely in two inch pots and will bloom the first season. We do not offer or send out cuttings. Unless otherwise priced, 10 cents each; dozen, \$1.00; \$6.00 per 100. Patrons may select 10 varieties when they order 100 at \$6.00; 100 of one variety, \$5.00. One each of 100 varieties, \$10.00.

## NOVELTIES AND LATE INTRODUCTIONS

**Maryland.** The Maryland is the result of a cross between *Alphonse Ricard* and *LaPilote*. In habit of growth it resembles the *LaPilote*, only much stronger, being more robust, vigorous and branching. The foliage is handsomely marked with a chocolate zone. The individual flowers are magnificent, semi-double, perfectly formed and of grand texture, being profusely produced in enormous trusses. The color is of the most intense, dazzling, fiery red and of marvellous beauty. Words are inadequate to accurately describe the wonderful beauty of the flower and the exquisite finish of the plant. 25 cents each, \$1.50 per dozen, \$8.00 per 100.

**Henri Bordeaux.** Amaranth red, with purplish tint, white center. 50c each.

**Herve de Rouville.** Beautiful shade of flesh pink, suffused salmon pink. 50c.

**Mignon.** Delicate, deep, cyclamen rose, white eye. 50c.

**Richard Vincent.** Immense, round flowers of the richest shade yet seen, salmon aurora, upper petals and center Chinese orange. 50c each.

**Satis Rose.** White center, surrounded by deep mauve, edged white. 50c each.

**Tendresse.** Fleshy white, surrounded by deep salmon rose. 50c each.

**Felleu des Fees.** Superb color of Fuchsia rose, stained white. 50c, single.

**Rose Flamberge.** Clear rose, maculated white. 50c single.

**Mlle. Turin.** Large trusses; ground color pretty white, rose-salmon center. 50c, semi-double.

**Didier-Pouget.** Grand, double flowers; beautiful shade of rose salmon. 50c.

**Muraton.** Beautiful solferino, with white eye, semi double. 50c.

**Jane Valcier.** Beautiful, clear, brilliant red, semi double. 50c.

**Cantecor.** Beautiful pomegranate red, semi-double, 50c.

**Orfeo.** Beautiful combination of red and violet, semi-double. 50c.

**A. Magne.** Rich and rare color of violet, bluish reflex, semi-double. 50c.

**Cherbero.** Semi-double, very open flowers. Violet, satined with white, semi-double. 50c.

**Paul Mandineau.** Exquisite bluish shade. 75 each, single.

**Poitiers Rouge.** Beautiful, unique shade of scarlet red. Single, 75c.

**Corabeuf.** Vermillion rose, shaded violet, very large, white, semi-double. 75c.

**Irmanda.** Bluish rose, silver shading, center white, semi-double. 75c each.

**Mme. Ochse.** Vermillion salmon, shaded violet, white eye, semi-double. 75c.

**Brunetta.** Beautiful foliage; large, semi-double flowers; brilliant violet red, shading to white center, double. 50c each.

**Clos. Fleurli.** Free flowering; strong trusses; brilliant, clear red, double. 50c each.

**Divine-Clanson.** Very large, open, semi-double flowers; lake rose salmon, double. 50c each.

**Henri Godet.** Very pretty rose, maculated white, double. 50c each.

**Jean Perier.** Plant dwarf, compact; large, semi-double flowers; brilliant violet rose. 50c each.

**Lemefier.** Very large flowers; rose, maculated, fiery red, double. 50c each.

**Liabelle.** Beautiful violet, maculated white, double. 50c each.

**Mlle. Adrien.** Rose carmine, maculated white, double. 50c each.

**Noiram.** Clear red violet, white center, double. 50c each.

**Poitiers Rose.** Bright, imperial rose, petals maculated white, double. 50c each.

- Marquise de Goudemarls.** Beautiful shade of fleshy white, surrounded by Tyrian rose, maculated orange at the base of upper petals, single. 30c.
- Astrakan.** Rich color of velvety, blackish crimson, fiery reflex, double. 30c each.
- Durandal.** Exquisite apple blossom, center shaded peach, double. 30c each.
- Femina.** Flowers of perfect form; fleshy white, center deep salmon rose, double. 30c each.
- Gitana.** Bright rose, shaded orange; grand flowers, double. 30c each.
- Major Legendre.** Large, well formed flowers of a reddish crimson, tinted magenta, double. 30c.
- Marquise de L'Algie.** Grand trusses, perfect flowers; fresh color of salmon rose, double. 30c.
- Pelican.** Large flowers, finely formed, of the purest white, double. 30c each.
- Beaute Tendre.** Large round flowers of a rosy white, streaked and blotched, single. 25c each.
- Jean Rose.** Attractive shade of rose-carmine, upper petals maculated white, single. 25c each.
- Kleios.** Crimson, sahing to violet center, white eye, two upper petals stained Nasturtium, single. 25c each.
- Revisor.** Profuse bloomer, of a bright rose magenta color, single. 25c.
- Simone Michel Corday.** Pretty magenta rose, upper petals maculated orange at base, single. 25c.
- Caruso.** Grand semi-double flowers of a beautiful shade of yellowish orange. 25c each.
- Cecile Idora.** Rose mauve, upper petals maculated white, double. 25c each.
- Cousin Janie.** Beautiful clear rich pink.
- Dagata.** Beautiful shade of mauve-rose.
- Double Dryden.** Glowing soft crimson, white center.
- Edmond Blanc.** Bright carmine, white center.
- General Grant.** Orange scarlet.
- Fleuve Blanc.** Pure white.
- Jean Oberle.** Hydrangea pink.
- Jean Viaud.** Bright, clear shade of mauve-rose.
- King Edward.** Rich carmine lake.
- Le Cid.** Dark cardinal red.
- Leon Baudrier.** Beautiful shade of carmine lake.
- La Favorite.** Finest pure white.
- Leopold Buille.** Bright solferino red.
- Madonna.** Pure snow white.
- M. A. Rosseleur.** Deep rose pink.
- Mauna Loa.** Russet-orange.
- Marquisé de Montmort.** Deep, brilliant purple.
- Marquise de Castellane.** Soft red crimson.
- Miss F. Perkins.** Charming shade of deep rose.
- Miss Kendall.** Dark carmine red.
- Mme. Barney.** Deep pure pink.
- Mme. Buchner.** Snow white.
- Mme. Canovas.** Brilliant scarlet with maroon shading.
- Mme. Charrotte.** Rosy salmon.
- Mme. F. Sarloveze.** Bright rose.
- Mme. Jaulin.** Peach-pink color.
- Mme. Landry.** Distinct salmon pink.
- Mme. Laporte Bisquit.** Solferino red.
- Mme. Recamier.** Pure white.
- Monsieur Emile David.** Lovely violet-rose.



Basket of Dahlias

- Jeanne Bouet.** Clear orange-rose flowers, with white center, double. 25c each.
- Jean Girard.** Semi-double flowers; clear, salmon rose, white center; strong trusses, double. 25c each.
- Leon Dupont.** Beautiful, clear orange red, semi-double flowers. 25c each.
- Maxence.** A beautiful shade of ruby scarlet, marked with orange at base of petals.
- Milcendeau.** An attractive shade of crimson-red, white eye, upper petals light, fiery red towards center. 25c each, double.
- Mrs. Anne Vincent.** Exquisite shade of brightest carmine.
- Mrs. Lawrence.** Soft, satiny salmon pink.
- Ornella.** Deep rich scarlet.
- President Baillet.** Bright scarlet.
- S. A. Nutt.** Dark, velvety deep crimson.
- E. H. Trego.** Beautiful, dazzling scarlet; soft velvety finish on saffron ground.
- LaPilote.** Brilliant scarlet; a favorite bedder.
- Scarlet Bedder.** A bright scarlet bedding variety; free bloomer.

## STANDARD VARIETIES GERANIUMS

10c each, dozen \$1.00, \$6.00 per 1.00.

### DOUBLE VARIETIES

- Abbie Schaffer.** Soft, pleasing crimson-scarlet.
- Alphonse Ricard.** Bright vermilion.
- Anais Segalis.** Bright salmon-carmine.
- Beaute Poitevine.** Beautiful shade of shrimp pink.
- Berthe de Pressily.** Silver rose-rink.
- Centaure.** Neyron rose.
- Colonel Thomas.** Deep cardinal-rod.

### SINGLE VARIETIES

- Admiration.** Bright rose shrimp pink.
- Alice of Vincennes.** Violet crimson, white center, scarlet margin.
- Antithese.** Vermilion-scarlet, with large spots on upper petals.
- Ardens.** Vermilion-scarlet, white center.
- Charles Guerin.** Salmon-carmine, with white eye.
- Claire Albane.** Pure white color.
- Clifton.** Dark velvety, deep scarlet, with maroon shading.

**Comtesse de Hohenwart.** Currant red with cardinal red upper petals, shading lighter toward center.

**Count Zepelin.** Beautiful shade of light vermilion.

**Commandant Ott.** Lovely aniline red.

**Emmanuel Arena.** Deep, rich dark velvety crimson.

**Eugene Sue.** Attractive and brilliant shade of russet orange.

**Feuer.** Brilliant crimson-red.

**Gloria de Rouge.** Rich scarlet.

**Gabriel Montoya.** Exquisite reddish purple.

**Granville.** Deep rose pink.

**Rival.** Salmon red.

**Teodor deWyzewa.** Beautiful shade of rich lilac rose.

**Jacquerie.** Beautiful deep carmine red.

**Juste Oliver.** Carmine red flowers.

**Koenigin Olga Wurtemberg.** Deep rose.

**L'Aube.** Pure snow white.

**Lord Curzon.** Old carmine-red.

**Marguerite de Layre.** Beautiful pure white.

**Maxime Knovalevski.** Lincoln red.

**Mlle. Anastase Lecadre.** Rich crimson-maroon.

**Mme. Mosnay.** Lovely geranium red.

**Mrs. Brown Potter.** Bright Neyron rose.

**Mrs. E. G. Hill.** Soft light salmon.

**Mrs. E. Rawson.** Scarlet flowers.

**Nuit Poitevine.** Rosy purple.

**Pamela.** Crimson lake.

**Paul Crampel.** An attractive shade of vermilion scarlet.

**Princess Alex.** Bright carmine lake.

**Rosalda.** Rich crimson pink.

**Snowdrop.** Pure white.

**Sycamore.** Bright clear salmon pink.

**Telegraph.** Beautiful Lincoln red.

**The Sirdar.** Exquisite scarlet.

**Tiffin.** Rich glowing scarlet.

**Victor Grosset.** Bright apricot salmon.

### IVY LEAVED VARIETIES

**Alpha.** The foliage is finely denticulated. The center of the leaf is greenish maize, with a broad, dark zone, edged golden yellow; free flowering, of a rich shade of scarlet red. A single, medium size, abundantly produced in fair sized trusses.

**Achievement.** Soft serise-pink.

**Alliance.** Delicate white lilac.

**Ballade.** Fresh distinct lilac.

**Bettina.** Charming shade of tender rose.

**Caesar Franck.** Magnificent shade of rich crimson.

**Corden's Glory.** Bright scarlet.

**Col. Baden Powell.** Pearl white.

**Comtesse de Gray.** Light satiny pink.

**Diana Scalarandis.** White tinged lilac.

**Duke of Edinburgh.** A strong, variegated ivy geranium, large, handsome, in light green leaves, broad, creamy white margin. The flowers are semi-double light rose, abundantly produced. An attractive and beautiful plant for whatever purposes ivy geraniums can be used.

**Hector Giacomello.** Lavender, tinted pale rose.

**Incomparable.** A lovely shade of rosy carmine.

**James Attfield.** A hybrid, extra large, double flowers of a pretty tint of soft pink, short jointed in growth; very fine.

**James T. Hamilton.** A hybrid, intense carmine crimson, long, stout stems; good for bedding or pot work.

**Joseph Warren.** Lovely shade of rich purple.

**L'Eleganta.** There is nothing that compares with this old variety as a basket plant, with its rich green ivy-shaped leaves, edged with pure white, and delicate lilac white flowers.

**Mme. Thibaul.** Clear rosy pink.

**Mrs. Banks.** Clear shade of bluish white.

**Mrs. Hawley.** A pleasing shade of rose cerise.

**Pierre Crozy.** Bright scarlet flowers.

**Rycrofts Surprise.** Clear rose.

**Scarlet Crousse.** A magnificent shade of cardinal.

**Souve de Chas. Turner.** Deep pink, feathered maroon on upper petals; individual florets  $2\frac{1}{2}$  to 3 inches across.

**Topaz.** An exquisite variety. Plant sarmentose, slightly denticulated foliage, center of leaf deep moss green, with broad zone edged lemon yellow. A vigorous plant. It is necessary to give a compost very poor in azote to keep the variegation more accentuated.

### VARIEGATED FOLIAGE VARIETIES

**Marechel McMahon.** Bright golden yellow foliage, with rich chocolate zone; bright and showy; strong, healthy grower.

**Mountain of Snow.** Light green foliage, variegated white; beautiful single scarlet flowers.

**Mrs. Pollock.** Green leaves surrounded by a margin of golden yellow, dark chocolate zone, orange red flowers.

**Mme. Salleroi.** Bright green leaves, edges white.

**Mme. Languth.** Beautiful cherry red; foliage broadly marked with silvery white.

**Silver Leaf S. A. Nutt.** Immense crimson-scarlet flowers, beautiful green foliage, edged white.

**Sophie Dumaesque.** Golden salmon scarlet, healthy green foliage, surrounded by a margin of golden yellow.

### SCENTED LEAVED VARIETIES

**Balm.** Upper petals light lilac, lower petals dark.

**Capitatum.** Small leaf, rose scented.

**Clorinda.** Large Neyron red flowers.

**Dale Park Beauty.** Small, fragrant foliage.

**Fair Ellen.** Fragrant and beautiful, large oak leaved foliage.

**Lady Mary.** Sweet scented, rose-lake color.

**Lady Plymouth.** Variegated rose geranium, green and white foliage.

**Lemon.** Lemon scented.

**Mrs. Kingsbury.** Large Fuchsia red flowers.

**Nutmeg Dwarf.** Bright green foliage, nutmeg scented.

**Old Unique.** Deep lilac color, strong grower.

**Quercifolium.** Beautiful oak leaved foliage.

**Rose.** Rose scented.

**Scarlet Unique.** Dull scarlet, blotched maroon.



The "Emily" Dahlia

### FLOWERING BULBS AND PLANTS

**Dahlia Bulbs.** Red, Yellow and Pink, and mixture. 5c each; dozen, 50c.

**Gladiolus Bulbs.** Standard Mixture. 50c per dozen; \$2.50 per 100.

**Early Branching Asters.** In separate or mixed colors. 25c per dozen.

**Late Branching Asters.** Same as above (from Williams' seeds). 25c per dozen.

**Verbenas.** In Mixture. 50c per dozen; 5c each.

**Petunias.** Ruffled Giants, in Mixture. 5c each; dozen, 50c.

### GIANT BRANCHING ASTERS

The soil of this locality is especial yadaped for the growing of fine asters. One farm near us has fifty acres devoted to asters, which are grown for cut flowers and to supply seedsmen with seeds. Another farm which is given over to fruit and asters, has several acres devoted to asters for cut flowers mainly. We buy our seeds of these people. We can supply either seeds or plants in large quantities.

Price of seeds, 10c per large packet, \$1.00 per ounce, \$12.00 per pound.

Price of plants, 25 for 25c; 10,0 75c; 1,000, \$4.50.

Colors—White, pink, rose, lavender and purple. All colors mixed if wanted.

**HARDY PERENNIAL PLANTS**

Anemone (Wind Flower). Japonica, Queen Charlotte, Rubra and Whirlwind, 25c each.

Aquilegia (Columbine). California Hybrids (fine mixture), Canadensis (red and yellow), Chrysantha (yellow), Chrysantha Alba (white), Caerula (Rocky Mountain), Veitch's Long Spurred, 20c each.

Arundo Donax, 30c each.

Campanula. Carpathica Alba, 20c each.

Chrysanthemums. Hardy Pompon, Autumn Beauty (golden brown), Baby (a miniature lemon-yellow), Diana (pure white), Fireball (yellow, tipped with crimson), Julia (orange scarlet), Julia Lagravere (rich garnet), Klondike (yellow), Lady-smith (lilac, tinted salmon), Minta (light pink), Nie (white), Orea (light pink), Queen of Whites (fine creamy white), Quinela (yellow), Tennyson (light pink), Zenobia (pure yellow), 20c each.

Delphiniums (Larkspur). Alfred, Amyas Leigh, Amos Perry, Belladonna, Cashmerianum, Chinese Mixed, Duke of Connaught, Formosum, Gold Medal Hybrids, Hybrids (double mixed), King of Delphiniums, Leigh Hunt, Mrs. Creighton, Persinamon, Rembrandt, Sailor Prince, Talisman, 20c each.

Dianthus Barbatus (Sweet William). 20c each.

Dianthus Plumaris (Hardy Scotch Pinks). 20c each.

Countess Knauth (the first yellow hardy pink), 25c each; Homer (rosy red with dark center), White Reserve, 20c each.

Digitalis (Foxglove). Mixed, 20c each; Gloxinifolia, Purpurea, 20c each.

Dielytra Spectabilis (Bleeding Heart). 25c each.

Eulalia Gracillima. 20c each.

Gaillardia. Kelway's Grandiflora Superba, 20c each.

Gypsophilla. Paniculata Flore Plena (Baby's Breath), 25c each.

Hibiscus. Crimson Eye, Moscheautos, Palustris, 20c each.

Hollyhocks. Double, very strong field plants, separate colors, Maroon, Pink, Red, Salmon, White, Yellow, Allegheny (single), 20c each.

Hypericum Moseranium (Gold Flower). 25c each.

Iris Germanica (German Iris). Candicans (standards pale blue; falls, purple, veined and splashed with white), Florentina Alba (pearl white, very fragrant, early), Honorabilis (deep yellow, lower petals shaded and penciled with velvety maroon), Liabaud (a handsome combination of yellow and maroon), L'avenir (lavender, a beautiful shade), Mme. Chereau (handsome white, penciled beautifully on the edges with blue), Queen of May (falls rosy lilac, quite distinct and beautiful), Walneri (lilac center, lower petals purple), 20c each.

Iris Kaempferri (Japanese Iris), 20c each.

Angelo (bluish purple, center of petals white, with cream band); Bandia-nonami (clear white, creamy standards); Banrine-hibiki (lavender, purple veined), Blue Flag (indigo blue, base of petals yellow, late); Blue Jay (sky blue, veined white); Boteki-no-kee (blue or violet); Gekkanonami (pure white); Gigantea (bluish purple, lightly striped with white, early); Hermione (white, maroon center, petals penciled with blue); Ho-o-muja (pale pink, lavender veined); Hyde Park (reddish, spotted and mable-like); Komochiguma (violet, double, and blooming in clusters); Kuro-Kuma (purple); Mei-ran (purple, with white veins); Mine-utsu-nami (white, with bold dashes and spots of purple, yellow blotches at base of petals, standards white shading to violet edges); Momiji-go-taki (white splashed with purplish crimson), Mount Blanc (pure white, large and fine); Oginomate (purple with light center); Ororige (light purple, standards claret-tipped white); Pyramid (light violet, slightly white veined); Sassaa-no-kee (white, pink veined); Shiun (purple); Shishi-ho (blue, shading to purple, veined and undulated with white); Shishi-ikari (crimson falls, shading to white at base; dark penciling; standards white, red tipped; yellow blotches); Shikal-nami (blue); Shirago (purple); Snowdrift (single, pure white); Tanko-no-kee (white mottled and splashed with scarlet; petals white at base, shading to yellow; white standards, red tipped); Takino-shios (pure white, double); Torino-tasuki (cerise with yellow blotches, standards very pale pink, tipped red); Ugi-gawa (three petals, white at base, splashed with yellow; shading to deep scarlet on edges; standards white tipped with violet and scarlet).

**PERENNIAL PHLOX**

Beranger (white, suffused with pink, rosy lilac eye); Bridesmaid (pure white with large crimson center); Bouquet Fleuri (white, carmine eye, large truss); Coquelicot (a fine scarlet); Fraulein G. von Lassburg (pure white, immense panicles); Iris (dark purple velvet); Jeanne d'Arc (pure white, late flowering); Le Vague (pure mauve, with aniline-red eye); La Mahdi (deep velvety purple, large spike); Lothair (cerise-salmon, with crimson eye); Lumineaux (carmine and rose, with blush center); Mme. Bezanson (best crimson); Mme. Pape Carpentier (pure white, dwarf, very early); Mrs. Jenkins (early, white; immense panicles); Pantheon (salmon-rose); Richard Wallace (white, with very large carmine eye); Sir Edwin Landseer (bright crimson); Sunset (dark, rosy pink); Thebalde (carmine-lake, with bright shadings). Price 20c each.

Papaver Orientalis (Oriental Poppy). 20c each.

Rudbeckia Laciniata, fl. pl. (Golden Glow). 15c each.

Purpurea (rich purple, July and August). 20c each.

Shasta Daisy. 20c each.

Spirea Japonica. 20c each.

Stadstone, 25c; Queen Alexandra, 25c.

Stokesia Cyanea (Blue, July to September). 20c each.

Tritoma Pfitzerii (Red Hot Poker). 20c each.

Yucca Filamentosa (Spanish Dagger). 20c each.

Pansies. Our strain is one of the finest on the market. All colors, 12 for 25c; 100, 75c; 1,000, \$5.00.

Violets—Princess of Wales and Lady Campbell, strong field clumps, \$1.25 per 12; \$7.00 per 100.



Lilac Bush

**SPRING FLOWERING BULBS**

Plant in September, October or November. When people are enjoying the Tulips, Hyacinths and Daffodils in the Spring, we often hear them exclaim, "I am going to have such a bed next year," but they often neglect to plant the bulbs when the time comes in the Fall. Are you going to neglect planting this Fall?

**HYACINTHS**

Superior Named Hyacinths, First Size Bulbs. Single and Double. For customers who want superior bulbs for either forcing, or to plant in beds. Large Bulbs and strictly selected First Size. \$1.25 per dozen.

Lady Derby. Choice pink. Albertine. Pure white. Gertrude. Large strong spike, rosy pink. Grand Maitre. Large flower of dark porcelain. City of Haarlem. Fine pure yellow. Noble Par Merite. Double, deep rose. Gen. Kohler. Double, blue, very large. Jaune Supreme. Double, deep yellow.

**BEDDING HYACINTH BULBS**

For Bedding Hyacinths we are offering a good sized bulb, put up according to color. Each color is separate, white red and blue. 75c per doz.; \$4.00 per 100.

## TULIPS

Tulips are always in demand in the Spring. They are not as expensive as Hyacinths and are more attractive. It pays to plant good bulbs that can be depended upon, rather than to be disappointed by using bulbs of unknown quality simply because they are cheap. The following Single Early Tulips are good ones:

Artus. Bright scarlet. 30c per doz.  
Chrysolora. Yellow. 30c per doz.  
Keizerkroon. Scarlet, yellow edge, extra. 35c per doz.  
Duc Van Thol. White. 30c per doz.  
Duchess de Parma. Orange, red, yellow border. 30c per doz.  
President Lincoln. Beautiful violet. 50c per doz.  
Thomas Moore. Orange. 25c per doz.  
Prince of Austria. Handsome orange, fragrant. 35c per doz.  
Rose Luisante. Carmine rose, fine. 50c per doz.

## DOUBLE EARLY TULIPS

Alba Maxima. White. 30c per doz.  
Rubra Maxima. Red. 35c per doz.  
Gloria Solis. Bronze, orange, crimson. 35c per doz.  
Yellow Rose. Best late double yellow. 30c per doz.

## DARWIN TULIPS

Darwin Tulips are becoming more popular each season. For brilliant colors and large symmetrical flowers they are unequaled. Stems often thirty inches long, are strong and hold the flower upright. We offer a selection of some of the best varieties shown in Highland Park, Rochester, N. Y., last season. Do not leave the "Darwins" out of your list.

Clara Butt. Salmon pink. 50c per doz.  
Europe. Fiery red. 75c per doz.  
Glow. Dark red, 75c per doz.  
Gretchen. Soft rose. 50c per doz.  
Mad. Krelage. Rose. 75c per doz.  
Mr. F. Saunders. Scarlet. 80c per doz.  
Painted Lady. White. 80c per doz.  
Pride of Haarlem. Rose. 75c per doz.  
Sultan. Maroon. 35c per doz.  
La Tulipe Noir. True black. \$2.00 per doz.

## PARROT TULIPS

The great range in the colors of Parrot Tulips make them very attractive. They always attract attention. The following named varieties at 35c per dozen, or \$2.00 per 100.

Cramosi Brilliant. Scarlet.  
Crafe, Brun. Rich brown.  
Admiral de Constant. Red.  
Lutea. Yellow.  
Gloriosa. Red and yellow.

For those who wish some good Tulips at a lower price we offer a quantity of Late May Flowering Tulips in mixed colors, but mostly reds, at the following low price: Extra large bulbs, 25c per doz.; \$1.00 per 100. Good sized flowering bulbs at 20c per doz.; 75c per 100.

## PAPER WHITE NARCISSUS

The most satisfactory bulb for house culture. Bloom in thirty days from time they are started in water. Large siz bulbs, 55c per dozen.  
Emperor Narcissus. Yellow trumpet flower, large double nosed bulbs. 55c per dozen.  
Empress Narcissus. Bi-colored trumpet flower. Large double nosed bulbs. 55c per doz.  
Von Sion. Double daffodil, double nosed bulbs. 55c per dozen.

## CROCUS

King of the Blues. First size bulbs, 20c per doz.  
King of the Blue. First size bulbs. 20c per dozen.  
Mammoth Yellow. First size bulbs. 25c per doz.

## FALL BEARING STRAWBERRY SEEDS

(True Hybridized Seeds)

During the past summer we saved the seeds from 200 quarts of Fall-bearing Strawberries, and now offer them to our patrons at 25c per packet of about 500 seeds. These seeds, if planted in March or April, will produce fruit in the fall of 1917, if proper care is given. If planted any time during the spring or summer of 1917, they will bear fruit in the fall of 1917. I do not advise depending upon these seeds to get a supply of strawberries, but it is a very interesting pastime to grow new seedling

strawberries and it may result in securing a variety that will surpass any of the fall bearing kinds now in cultivation. It will be possible for people in distant countries to supply themselves with fall bearing strawberries by planting these seeds when it would be impossible to make plants endure the long transit. Every seed will produce a new variety; it may be better and it may be inferior to the parents. The new varieties will have all the different shapes, shades and flavors and it will be interesting to watch the results. The most of the seeds are from Autumn and Productive, fertilized with Americus, Francis, Progressive and Superb. Each packet has printed instructions, showing how to grow and care for them. Price, 25c each; 5 packets for \$1; 10 packets, \$1.50.

Mr. Burt Mitchell, of Pulaski (Florist), sowed a packet of our seeds February 24th, 1913. He picked ripe berries from these plants August 4th of same year.



## HYBRIDIZED POTATO SEED

From the Seed Balls—Headquarters Stock  
Millions never saw a potato seed ball. Thousands have tried in vain to get the seed. Now is your opportunity. This remarkable seed will produce an endless variety of new kinds. Your fortune may be in one of them. They are as easy to grow as tomatoes.

Growing new and distinct seedling potatoes from the Seed Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener and bright boy should plant a few packets. You may be one of the lucky ones. 1 packet, 15c; 2 for 25c; 10 packets, \$1.00.

Please Read What the Experiment Stations Say About My

## POTATO SEED

From the Nebraska Experiment Station

Dear Sir:

The Potato Seed you sent me gave very interesting results. I had thirteen different plants and there were thirteen different types. Eight were white potatoes, two purple and remainder light pink. Two to fifty in a hill, size from half in to three and a half inches in diameter. I look forward with interest to the growing of these tubers next year.

Very truly yours,

GEO. W. HOOD,

Associate Professor of Horticulture.

Lincoln, Neb., Feb. 5, 1916.

From the Kentucky Experiment Station

Dear Sir:

We planted your Potato Seed last spring and got a large assortment of all sorts and sizes as is usual with such seed. We saved a lot of these which appeared most promising to plant the coming spring.

Very truly yours,

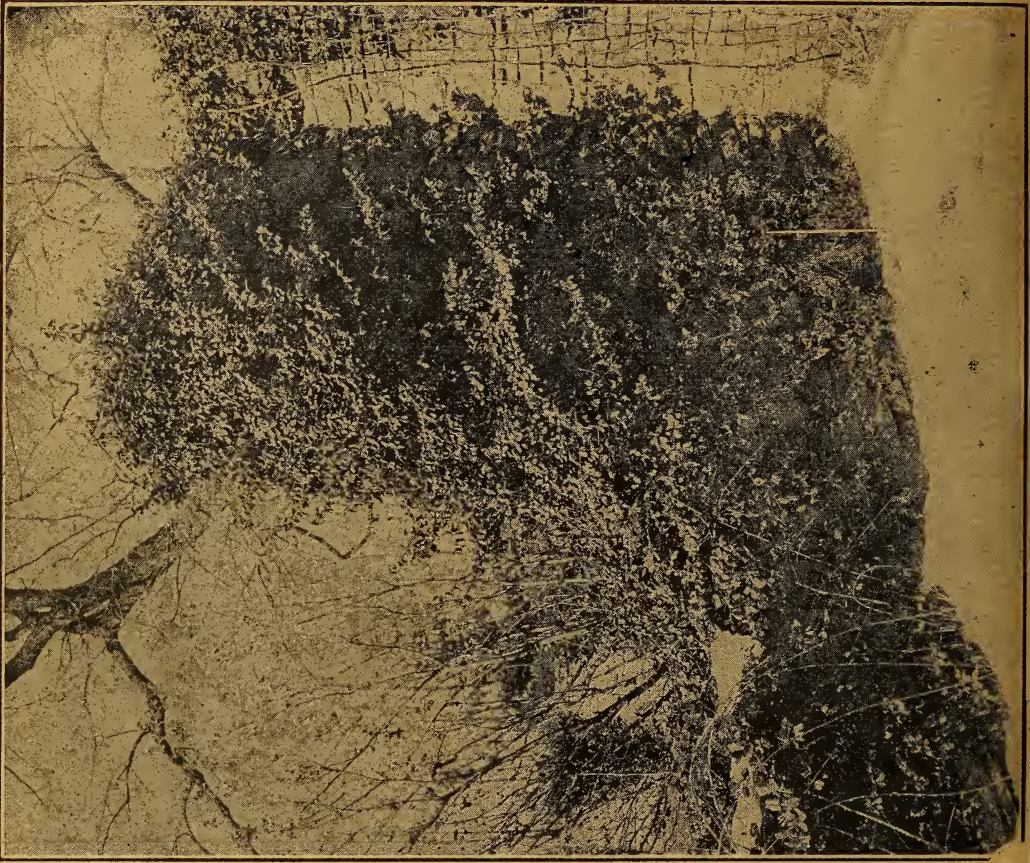
C. W. MATHEWS, Horticulturist.

Lexington, Ky., Feb. 3, 1916.

From J. A. Smith, Palermo, Ont., Can.

Dear Sir:

I am delighted with the large crop grown from your Potato Seed. They are much larger than I expected. One plant produced 36 nice tubers—one measuring 8 inches around. Next year they should be enormous. I thank you very much.



## HARDY VINES AND CLIMBERS

**Evergreen Bittersweet** (*Euonymus radicans*, vegetus)—This vine is valued the Evergreen Bittersweet because of the profusion of red berries it bears in fall and winter. It is a picture to behold to see a wall covered with its healthy green colored foliage any time in the winter. No matter whether severely cold or mild weather conditions, the leaves are entirely unaffected and are as pretty green in February or March as they are in June. While the leaves of the English Ivy are brown and generally discolored, the *Euonymus Radicans Vegetus* is ever the same uniform color. It deserves a trial and will beautify old stumps, garden walls or even embankments at any exposure, north or south. The fruiting is best on southern exposures. Wall pockets are fine to plant them in. This plant is destined to become the most popular of all evergreen climbing plants ever known. It absolutely holds the color at any season of the year. It grows moderately fast and to a height of 20 feet or more. Strong bushy two-year old plants, 50c each; \$3.50 per dozen.

**Virginia Creeper.** 25c each; \$2.50 per dozen.  
**Engelmann's American Ivy.** 25c each; \$2.50 per dozen.

**Boston or Japanese Ivy.** 25c each; dozen, \$2.50.

**Akebia quinata.** 25c each; dozen, \$2.50.

**Silver Vine** (*Actinidia arguta*). 50c each, dozen, \$5.00.

**Dutchman's Pipe.** 50c each; dozen, \$5.00.

**Trumpet Vine.** 25c each; dozen, \$2.50.

**Scarlet Trumpet Creeper.** 35c each; dozen, \$3.50.

**Staff Tree or Bitter Sweet.** 25c each; dozen, \$2.50.

**Cinnamon Vine.** 10c each; dozen, \$1.00.

**Clematis Paniculata.** 25c each; dozen, \$2.50.

**Large Flowering Clematis.** Jackmanni (purple), Mme. Ed. Andre (crimson), Mrs. Baron Veillard (rose), Ville de Lyon (carmine), Duchesse of Edinburg (white), Henryii (creamy white). 35c each; dozen, \$3.50.

**English Ivy.** 25c each; dozen, \$2.50.

**Irish Ivy.** 25c each; dozen, \$2.50.

**Perennial Hop Vine.** 25c each; dozen, \$2.50.

**Golden Leaf Hop Vine.** 35c each; dozen, \$3.50.

**Jasmine.** Beesianum (red), Nudiflorum (yellow). 25c each; dozen, \$2.50.

**Kudzu Vine** (Jack and the Bean Stalk). 25c each; dozen, \$2.50.

**Honeysuckle.** Dutch Honeysuckle, Hall's Japan, Everblooming Honeysuckle, Golden Honeysuckle, Heckrotti, Evergreen Honeysuckle. 25c each; dozen, \$2.50.

**Chinese Matrimony Vine.** 25c each; dozen, \$2.50.

**Silk Vine.** 25c each; dozen, \$2.50.

**Lamb's Fleece.**—25c each; dozen, \$2.50.

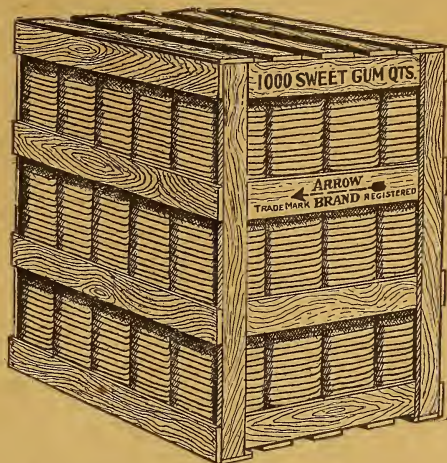
**Chinese Wistaria.** Lilac and white. 35c each; dozen, \$3.50.

## FRESH PICKED FRUITS FOR SALE

We can supply fresh picked berries in their season and also other kinds of fruits. Our crates hold 8, 12, 16 and 32 quarts each. If you want but four quarts, we will ship in a "handy" or picking stand for which an extra charge of 10c is made. We make no charge for crates when over four quarts are ordered. Strawberries in June and July, 10c to 15c per quart, depending on the time and the variety. Strawberries in August, September and October, 20c to 25c per quart, depending on the variety, season and supply. Black, purple and red raspberries in July, 10c to 20c per quart, depending on supply and variety. Gooseberries, currants and cherries in July, 10c to 15c per quart. Blackberries in August and September, 10c to 15c per quart. Plums, pears, peaches and apples in August, September and October, at market prices. Correspond with us beforehand for definite information. We can supply enormous quantities of strawberries and black raspberries, especially.

# BERRY CRATES AND BASKETS

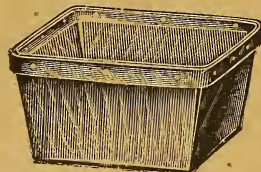
We sell the Standard 32 quart crate, made in Delaware. We have tried all sizes and makes of berry crates and the 32 quart crate, when well made, is the strongest, handiest and most desirable berry crate that can be had. It does not pay to use a slimpy berry crate; for, in getting the fruit to market, if the crate does not stand up well, you will injure the fruit much more by shipping it in a crate that does not stand up firm, and lose more money on your fruit, than you will gain by buying a cheaper package. There are all manner of slimpy crates and packages foisted upon berry growers, but let me tell you, they lose more by trying to save on packages than they realize. If it pays to ship fruit at all, it pays to send it in firm and substantial crates and baskets. It does not take much to crush and spoil it in a shaky crate or slimpy basket. Then too, the fruit shows up better and naturally sells for more in a nice neat looking crate or basket. The crates we sell are the best make of the 32 quart size that we have ever seen, made of good wood, strong and durable, considering the price. It does not now pay to go to too much expense in building returnable crates, it costs too much and a large proportion of them are never returned and, if returned, are generally injured or broken. The day of the returnable crate is past. The 36 quart crate is an odd size and the 60 quart crate is too large and heavy to handle by one man, so we have discontinued using both these sizes, using only the bushel or 32 quart size. We make a few 8, 12 and 16 quart crates for our own use in shipping fall strawberries, but do not offer them for sale. Price of new 32 quart crates, with three separators or partititons and 32 best Delaware made baskets, 60 cents each, 10 or more at a time, 50c each. We can pack 100 extra baskets in each crate if wanted. Second hand crates, filled with three separators and 32 baskets, 45c each, \$4.00 for 10. Crates and separators to go with them, without baskets, new, 45c each, \$4.00 per 10; second hand, 35c each, \$3.00 per 10. If you order 10 berry crates, we can pack 1,320 baskets to the ten crates, besides the 30 separators.



1,000 "Arrow" Brand Baskets—Crated.

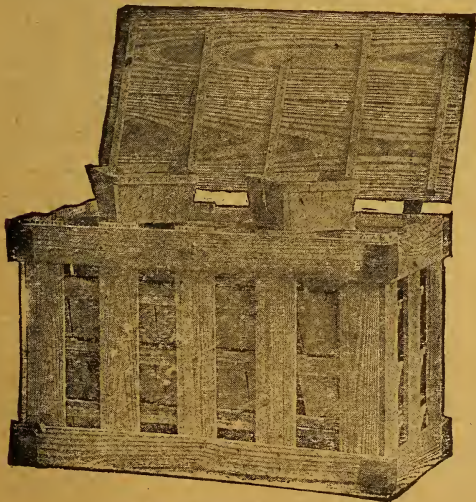
## Pint and Quart Baskets

We sell the "Arrow" brand of berry baskets, made in Virginia, of sweet gum. These baskets are made from the best part of the log, the heart being rejected, are clean, white and pretty in appearance. They go a long way in getting the best prices for the fruit sold in them. They are well made, strong and durable. It is by far the most substantial, strongest and best berry basket I have ever seen or handled and no berry grower of any sense, who has ever used them, if he can get them again, will use any other make. They, of course, cost a little more than other baskets, but pay for the extra cost several times. Not only are the baskets well made, but they are put up in a strong substantial crate which will stand shipping without going to pieces and spilling out the baskets. There are 1,000 put up in each crate.



Quart Basket

If we ship 500 baskets we have to rebuild the crate and so an extra charge is made for 500 lots, when we have to ship them. If baskets are ordered with berry crates, we can pack small lots of 100 or so in the crates, but when small lots of 100 or more are ordered alone, we have to make shipping crates for them and so charge an extra price. We also sell a cheaper grade of berry basket for those who do not require the best. Price of Baskets, "Arrow" Brand, quart or pint baskets, 50c per 100, \$4.25 per 1,000, 10,000 for \$40.00. "Mallory" made baskets, 40c per 100, \$3.50 per 1,000, 10,000, \$32.50. Orders for baskets in less lots than 1,000, please add 25c for crating, if you do not order berry crates to go with them.



32 Quart Berry Crate.

## L. J. Farmer

Pulaski, - - - - - New York

## Extra Division for Crates

For 32 Qt. Crate per 50	\$1.50
For 32 Qt. Crate per 100	2.75
For 36 Qt. Crate per 50	1.75
For 36 Qt. Crate per 100	3.00

## Pansy or 2 Pound Splint Baskets

Per 100	\$1.50
Per 1,000	9.00

## 4 Pound Splint Baskets

Per 100	\$1.75
Per 1,000	11.50

## 7 Pound Splint Baskets

Per 100	\$ 3.50
Per 500	13.50
Per 1,000	23.00

## Covers for same.

Per 1,000	\$ 5.00
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## 12 Pound Splint Baskets

Per 100	\$ 3.50
Per 500	14.50
Per 1,000	26.00

## Covers for same.

Per 1,000	\$ 7.00
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## 20 Pound Splint Baskets

Per 100	\$ 6.50
Per 500	22.50
Per 1,000	41.00

## Covers for same.

Per 1,000	\$11.50
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## Square Braided Bushel Basket

Per dozen	\$ 1.75
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## 4 Pound Climax Grape Basket

Per 100	\$ 2.75
Per 500	11.00
Per 1,000	20.00

## Covers for same.

Per 1,000	\$ 3.75
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## 6 and 8 Pound Climax Basket

Per 100	\$ 3.75
Per 500	14.50
Per 1,000	26.00

## Covers for same.

Per 1,000	\$ 5.00
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## 8 and 12 Quart Diamond Market Baskets

Per dozen, handles on	\$ .70
Per dozen, handles off	.60

## N. Y. State 1-3rd Bushel Peach Basket

Per 100	\$ 3.75
Per 500	15.00
Per 1,000	28.00

## Peach Basket Crates Knocked Down Ends Made Up

Per 50 Crates with Baskets	\$ 8.00
Per 100 Crates with Baskets	15.00
Per 1,000 Crates with Baskets	130.00

## 1-3rd Bushel Peach Baskets—Board Bottom

Per 100	\$ 3.75
Per 500	16.00
Per 1,000	30.00

## Caps for same.

Per 1,000	\$24.50
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## 14 and 16 Quart Jersey Peach Baskets

Per 100	\$ 6.00
Per 500	22.00
Per 1,000	39.00

## Jersey Peach Basket Covers

Solid Veneer Covers, per 1,000	\$38.00
Two-Pieced Covers, per 1,000	28.00

## Excelsior Cushions

Per 1,000	\$13.00
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## Corrugated Caps

Per 1,000	\$ 8.00
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## Tree Protectors

Per 100	\$ 1.25
Per 500	4.00
Per 1,000	7.00

## Bushel Crates

Per 50 knock down ends made up	\$ 9.00
Per 100 knock down ends made up	16.50
Per 100 made up	18.00

## Celery Crates

Per 100 ends made up	25c each
Per 500 ends made up	20c each
Per 1,000 ends made up	19c each

## Bushel Baskets

Per dozen	\$ 1.75
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## Flat Covers

Per dozen	\$ .60
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## Octagon Covers

Per dozen	\$ .65
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## Round Rim Covers

Per dozen	\$ .70
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Special price in car lots on all Baskets. Quotations subject to change without notice. Contracts subject to strikes, accidents or causes beyond our control.

BARGAINS IN APPLE TREES,  
ONLY 10 CENTS EACH

We offer the following special lot of Apple Trees at 10c each, 10 for 90c, 100 for \$7.50. These trees are strong and healthy trees, ranging from three to four feet high. They can be packed to go by parcel post or express. A rare opportunity to procure a supply of excellent varieties at a moderate cost. No more than one-tenth of an order supplied with Delicious. If Delicious or McIntosh are ordered alone, price 15c each, 10 for \$1.25, 100, \$10.00.

## LIST OF VARIETIES AND NUMBERS

75 Red Astrachan, 40 Black Ben Davis, 20 Baldwin, 500 Delicious, 65 Duchess, 40 Fameuse, 25 Gano, 14 Golden Sweet, 100 Grimes Golden Pippin, 25 Huntsman, 35 Ingram, 125 Rawles Janet, 500 Jonathan, 15 King, 10 King David, 500 McIntosh, Red, 40 Missouri Pippin, 400 N. Spy, 20 N. W. Greening, 160 Rome Beauty, 90 Staynans Winesap, 20 Sweet June, 250 Wealthy, 300 Winesap, 500 Yellow Transparent, 75 York Imperial, 50 Florence, 20 Martha, 60 Whitney, 35 Transcendent, 50 Hub. Nonesuch, 50 20 Oz., 50 Winter Banana.

## BARGAINS IN PEARS, 10 CENTS EACH

Trees, 3 to 4 feet.

50 Anjou, 200 Bartlett, 250 Clapps Favorite, 50 Lawrence, 50 Seckel, 50 Wilder and 50 Worden Seckel.

## BARGAINS IN CHERRIES

12c each, trees 3 to 4 feet.

Montmorenc Cherry 250 trees.

## BARGAINS IN PLUM TREES

3 to 4 feet, 10c each.

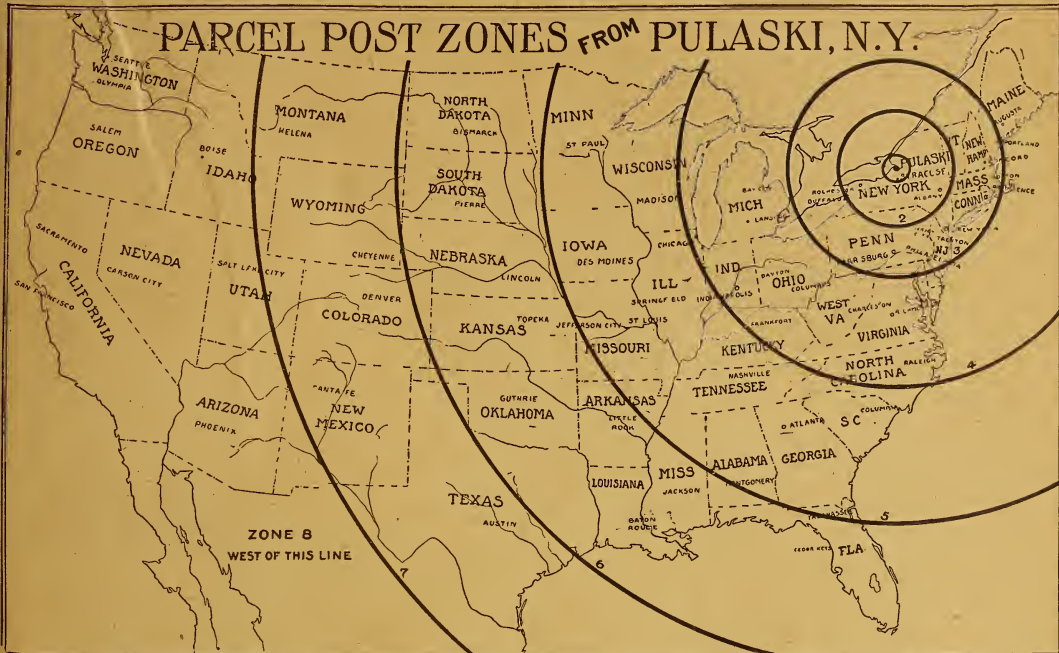
Fellenburgh Prune, German Prune, Lombard, York State Prune, 100 of each.



## POT GROWN STRAWBERRY PLANTS

During July, August and September, we will supply pot grown plants of most standard varieties at the following prices. We like to know your wants in this line as far as possible. Price, 25 for \$1.00; 100, \$2.50; 1,000, \$20.00.





### United States Parcel Post Rates—Fourth Class Matter

SEEDS, PLANTS, BULBS, ROOTS, GARDEN AND POULTRY SUPPLIES

Rate Table	Lb. or Ad.Lb.	Frm. or Frn.
Local rate Pulaski and Suburbs only..	5c	1/2c
First Zone within 50 miles of Pulaski..	5c	1c
Second Zone within 150 miles of Pulaski..	5c	1c
Third Zone within 300 miles of Pulaski..	6c	2c
Fourth Zone within 600 miles of Pulaski..	7c	4c
Fifth Zone within 1,000 miles of Pulaski..	8c	6c
Sixth Zone within 1,400 miles of Pulaski..	9c	8c
Seventh Zone within 1,800 mi. of Pulaski	11c	10c
Eighth Zone all over 1,800 miles from Pulaski .....	12c	12c

can not be over 84 inches in length and girth combined.

The rate of postage on mailable parcels of seeds, cuttings, bulbs, roots and plants weighing 8 oz. or less, shall be 1c for each 2 oz. or fraction thereof, regardless of distance, and on those weighing more than 8 oz. the pound rates shown in table shall apply.

**SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST**  
 Size of package that can be sent by Parce Post

**WEIGHTS BY PARCEL POST**  
 Parcels up to 50 lbs. can be sent by Parcel Post in the local, 1st and 2nd zones and up to 20 lbs. in all the other zones.

To points further than the 2nd zone on weight of over 10 lbs., the charge by freight or express is usually more economical.

#### PLANTS BY PARCEL POST

Last year, 1916, we sent over 12,000 packages by parcel post. In one day, we sent over 750 packages of plants by mail; our son James, making seven trips to the post office, each time taking a full one horse load. Our local post office people handled all this mail with dispatch, only one day did they allow any parcel post plants to go over until the next-day before sending them out. This is one reason why our customers report that our plants reach them in such perfect condition. The nurseryman can pack to perfection and if the plants lie in the post office several days before they are sent on their journey to the customer, they will surely deteriorate and spoil. I am told that it is sometimes a full week before parcel post matter is cleared from the large city offices. Our postmaster guarantees us that our shipments will not spoil while they are in the Pulaski post office.

#### ESTIMATED WEIGHT OF PLANTS, PACKED FOR SHIPMENT

100 Strawberry plants .....	4 lbs.	100 Gooseberry plants .....	12 lbs.
100 Raspberry plants .....	8 lbs.	100 Grape vines .....	16 lbs.
100 Dewberry plants .....	6 lbs.	100 Asparagus plants, 2 years .....	6 lbs.
100 Blackberry plants .....	8 lbs.	100 Rhubarb plants .....	10 lbs.
100 Currant plants .....	10 lbs.		

We will prepay the postage if money is sent for this purpose, but we prefer that you have your plants come by Parcel Post C. O. D. for the amount of postage.

### HAVE YOUR ORDERS COME BY PARCEL POST C. O. D.

Th postage on plants, up to a few years ago, was 1 cent for 2 ounces, or 8 cents per pound, regardless of the distance traveled. We used to make a uniform charge of 25 to 30 cents per 100 for prepaying the postage to any part of the United States. Since the Parcel Post zone system now applies to plants and seeds, we cannot any more make this uniform charge. It will be seen that packages sent to customers who live nearby will not require postage at the rate of eight cents per pound, while packages sent to the 7th and 8th zones, require more than 8 cents per pound. As it seems impossible to arrive at any uniform scale, I

advise that customers have their parcel post packages sent C. O. D. for the amount of the postage. This not only fixes matters so that you pay just the actual cost of postage, but it practically insures your package from loss in the mails, because your postmaster cannot collect the postage from you unless he delivers the package. The cost is 10 cents for the C. O. D. and three cents charged for returning the money to us. Even if we do not consider how much this helps the government, it is the safe thing to do, as hundreds of packages are lost or stolen from the mails every year.

If our patrons are short of money when they send in their orders, they can send us just one-fourth the total amount with the order and we will send the plants C. O. D. for the balance and cost

of postage. We also send orders C. O. D. by express, when one-fourth amount is sent with order. The advantage of parcel post is that your order is delivered right to your door, while you have to go to the express office for the package unless you live within the delivery limits.

### HOW EXPRESS RATES ARE FIGURED

Express rates are now figured on a graduated scale from 1 pound to 100 pounds. To show our patrons what this means, we will give an illustration of the cost of sending packages of plants from Pulaski to Milwaukee, Wis., weighing from 1 pound to 100 pounds. The following are the charges:

1 lb.....	\$.22	35 lb.....	\$.68	69 lb.....	\$1.19
2 "	.24	36 "	.69	70 "	1.20
3 "	.26	37 "	.71	71 "	1.22
4 "	.28	38 "	.72	72 "	1.23
5 "	.30	39 "	.74	73 "	1.25
6 "	.30	40 "	.75	74 "	1.26
7 "	.30	41 "	.77	75 "	1.28
8 "	.30	42 "	.78	76 "	1.29
9 "	.30	43 "	.80	77 "	1.31
10 "	.30	44 "	.81	78 "	1.32
11 "	.32	45 "	.83	79 "	1.34
12 "	.33	46 "	.84	80 "	1.35
13 "	.35	47 "	.86	81 "	1.37
14 "	.36	48 "	.87	82 "	1.38
15 "	.38	49 "	.89	83 "	1.40
16 "	.39	50 "	.90	84 "	1.41
17 "	.41	51 "	.92	85 "	1.43
18 "	.42	52 "	.93	86 "	1.44
19 "	.44	53 "	.95	87 "	1.46
20 "	.45	54 "	.96	88 "	1.47
21 "	.47	55 "	.98	89 "	1.49
22 "	.48	56 "	.99	90 "	1.50
23 "	.50	57 "	1.01	91 "	1.52
24 "	.51	58 "	1.02	92 "	1.53
25 "	.53	59 "	1.04	93 "	1.55
26 "	.54	60 "	1.05	94 "	1.56
27 "	.56	61 "	1.07	95 "	1.58
28 "	.57	62 "	1.08	96 "	1.59
29 "	.59	63 "	1.10	97 "	1.61
30 "	.60	64 "	1.11	98 "	1.62
31 "	.62	65 "	1.13	99 "	1.64
32 "	.63	66 "	1.14	100 "	1.65
33 "	.65	67 "	1.16		
34 "	.66	68 "	1.17		

Cost of 100 lbs. to Boston or Philadelphia, \$1.05; New York, 90c; San Francisco, \$7.50; New Orleans, \$3.12; St. Louis, \$1.84; Dallas, Tex., \$3.83; Cincinnati, \$1.43; Niagara Falls, 75c.

### REDUCED EXPRESS RATES Is the Millenium Coming?

It will be a great satisfaction to many to learn that the express companies have, on account of the competition of the parcel post and the pressure of the Interstate Commerce Commission, reduced their rates about 20 to 50 per cent. all along the line. To illustrate how this works out, I will give two examples. Formerly, the regular rate for 100 pounds of merchandise to Chicago was \$2.50, the rate on trees, plants and seeds was \$1.90. The new rate is \$2.00 on regular merchandise, and \$1.50 on seeds, trees and plants. On a 10 pound parcel of plants to Chicago, the former rate was 35c; the rate now is 29c. The former rate on 100 pounds to Los Angeles, Calif., was \$9.60 for plants. It is now \$7.20. On 10 pounds to Los Angeles, it used to be \$1.14. It is now 86c. The most important change, it seems to me, is when a package goes over two express companies. In the past I have lost much trade by patrons getting disgusted over having to pay two rates when the package went over two companies' lines. Now the rate is estimated on the distance from the shipping point, regardless of the number of companies that the package travels over. A circle is drawn about the shipping point, same as the zone by the parcel post system, and all places within the circle have a certain rate. The rate on 10 pounds of plants to Scranton, Pa., is 25 cents, and other places in Pennsylvania that have formerly been discriminated against, because they were on the Adams or United States, or other express companies, can now get packages from us at proportionate rates. I believe that this announcement will lead to many

sending their orders to us, who have formerly not traded with us, because we could ship only by the American express from Pulaski, and their express bill has been too high.

### "JOHN BAER" TOMATO

The Earliest and Best Tomato on Earth

- 1st—"John Baer" Tomato produces large, beautiful, solid shipping Tomatoes in 30 days from large, strong, well matured plants grown in Veneer or paper bands, with roots undisturbed.
- 2nd—"John Baer" Tomato produces the most perfect High Crown Tomatoes ever grown, entirely free from core.
- 3rd—"John Baer" Tomato produces an enormous crop of Tomatoes, 50 to 100 fruit to each plant.
- 4th—Every "John Baer" Tomato ripens evenly, right up to the stem.
- 5th—No cripples, no scalds, no blight, no cracked, no wrinkled, no one-sided, uneven, scarred fruit. When dead ripe "John Baer" Tomato will not burst.
- 6th—"John Baer" Tomato has a wonderful glistening brilliont, bright red color.
- 7th—"John Baer" Tomato has a mild, deliciously sweet flavor. The finest flavor you have ever tasted.
- 8th—In shape and form exactly perfect.
- 9th—"John Baer" Tomato is almost seedless; it requires 6 to 8 bushels of "John Baer" Tomatoes to make one pound of seed; a marvelous Stem Setter, often ten fruit in first cluster, solid and meaty.
- 10th—"John Baer" Tomato has just enough foliage—will stand plenty of manuring without going to vine. Set plants 3 x 3½ feet.
- 11th—"John Baer" Tomato is the most perfect shipping Tomato ever grown—24 fruit exactly fill a six carrier basket.
- 12th—Each beautiful "John Baer" Tomato weighs about 6½ ounces.
- 13th—"John Baer" Tomato seed was saved only by John Baer, the originator, who personally selected and picked every Tomato from which he saved this seed, selecting only the most beautiful, perfect fruit of the Early Stem Set Clusters.
- 14th—"John Baer" Tomato is the offspring of two marvelous Tomatoes—One Great Specialist having devoted ten years in selecting and improving one parent and another expert devoted five years in selecting and improving the other parent. The "John Baer" Tomato is, therefore, the result of Fifteen Generations of Improvement and Selection for earliness, quality, shape, fruit, color and shipping quality.
- 15th—As a Packing Tomato, "John Baer" is a miracle. They all pack Fancy, no seconds, and all pack whole. Peelers can prepare three bushels "John Baer" Tomatoes to one bushel of any other Tomato. Being such a tremendous yielder, a bushel of "John Baer" Tomato can be gathered in one-third the time of any other Tomato. A large Baltimore Tomato Packer had all the "John Baer" Tomatoes he could secure packed separately, running them through a special process for his fanciest trade and his own private use.

Prices: Pkt., 10c, 25c and 50c; oz., 1.00; ¼ lb., \$2.75; pound, \$10.00.

### FREE GIFT WITH EVERY ORDER

Every person who orders plants or other goods from this catalogue to the amount of \$1.00 or more, will receive a free packet of Fall Bearing Strawberry Seeds, with full instructions how to plant and care for them. All seeds may be worth dollars to you. If you prefer, we will send you instead, a packet of Giant Branching Asters or of Admiral Dewey Popcorn. In addition, we also give free, one copy of our 100 page book, "Farmer on the Strawberry," to all whopurchase plants or other goods to the amount of \$10.00. We also give each patron who orders \$1.00 worth or more, one Hardy Catalpa tree, five years old, provided 10c is enclosed to pay for extra packing.

## NEW EVERBEARING STRAWBERRY "MINNESOTA NO .1017."

Originated at the Minnesota Fruit Breeding Station about five years ago. It is as good a plant maker as Progressive, while it produces berries as large as the Superb. The plants are vigorous and perfectly hardy. Mr. Geo. J. Kellogg, while on a visit to our place in 1915, told me that the No. 1017 was by far the best of all the fall or everbearing strawberries. I immediately began arrangements to secure a stock of the plants.



Minnesota No. 1017 at Close Range  
Photographed in the field October 21st

## WHAT SOME OF THE LEADING HORTICULTURISTS SAY

"Minnesota No. 1017 is one of the most promising everbearing strawberries of the large number produced at the fruit breeding farm. This cross was made about five years ago. A number of years of observation have shown it to be one of the best of the everbearing berries produced at the station. The color of the berry is medium dark red. The flesh is dark red, medium juicy, firm and tender. The flavor is a pleasant sub-acid. It is aromatic and good in quality. This variety is a good vigorous grower and for an everbearing, is a good plant producer." Chas. Harolson, Supt. of Minnesota State Fruit Breeding Farm.

"The Strawberry, No. 1017, is one of the most promising fruits developed at the plant breeding farm at Excelsior Minnesota, and has so far been reported upon very favorably by nearly all of those who have tried it. In our State, to my mind, its most desirable trait is in its habit of blossoming. Most of the varieties we have tried, like the Progressive, wasted their energies too much in blossoming. This one, I think, produces less blossoms and a larger and firmer fruit, as well as a much larger crop of runners. With us it did

## PEERLESS EVERBEARING STRAWBERRY

Originated by Samuel Cooper, the originator of Pan America, Autumn, Superb, etc., etc. The plants are very vigorous and the berries are larger and more attractive even than Superb. Mr. Cooper writes me that he will discard the Superb for the Peerless, as he thinks it far surpasses the Superb in value. Price of the Peerless plants,—6 for \$1.50; \$2.50 per 12; \$12.00 per 100.

not fruit as well last season as the Progressive and shows very few blossoms on the runners, but I understand that this is not its usual habit."—Clarence Wedge.

Price of strong healthy plants, 6 plants, \$1.50; 12 for \$2.50; 100, \$12.00.

## THE ADMIRAL DEWEY POPCORN

For the past three years we have had very unfavorable seasons for growing corn. It has been too cold part of the time and too wet or too dry the rest of the time. Even early varieties of field corn have not properly matured. We have been planting the Admiral Dewey popcorn during these years and it has come the nearest to maturing of any corn we have tried to grow. In 1913 we planted a field with it June 20th and, although we had a killing frost September 10th, we secured quite a crop. In 1914 we planted several acres, and in spite of severe and unprecedented drought in the most critical time, we secured a fair crop. I know of no variety of corn that will mature in such a short time. As a corn to pop, it is unsurpassed in value, being of good flavor and much sought after by those who appreciate good popcorn. We sold most of our supply for family use, but offer a few bushels at the following prices: 10c per packet; 25c per pint; 50c per quart.



**ADAMS' IMPROVED ELDERBERRY**

A new fruit perfected from the common elderberry of the fields. Very valuable for pies, sauce and other purposes. Everyone likes elderberries but up to the present time, the only way to get them was out in the woods and by the side of fences. Here is an improved variety, the berries of which sometimes measure nearly one-third of an inch in diameter. A few bushes in the corner of your yard or garden will produce all the fruit you will need. The berries are not only larger, but finer in every way than the wild variety.

The single stem head shown above was 20 inches in diameter, contained 5,169 berries, and shelled 1 1/4 quarts. The result of ten years work to improve a strain which would produce a hardy and prolific bush, bearing large pulpy berries with few seeds.

Our plants are produced by Mr. Adams, the originator, whom we call "The Elderberry Man." We have seen him exhibit these elderberries at the State Fair, so large that 3 berries laid end to end, would measure 1 inch.

We have now a good stock of plants which we will sell at the following prices: Single plants, 35c; 4 for \$1.25; 6 for \$1.50; 12 for \$2.50; 100, \$15.00.

**FARMER'S POULTRY DEPARTMENT**

Pulaski is the center of a great poultry industry. We keep the Wild Wyandottes on our own farms and the rest of our eggs are produced by specialists. We believe that our plan insures more fertile and true to name eggs than when several varieties are kept on the same place, which necessitates their being penned up. Then, too, it is almost impossible to prevent them getting together once in a while, where several varieties are kept near each other. Eggs are packed in baskets with dry shavings and delivered to express at prices attached. We ship eggs by parcel post or express. The express companies have made a general reduction on rates of from 20 to 50%, and we recommend shipping only by express. After years of experience, we have chosen half bushel and peck Diamond market baskets as the best package to ship eggs for hatching. We exercise the greatest care to have all eggs pure and reliable, but we cannot become responsible for the faults of others. If eggs are broken in transit or do not hatch a reasonable amount, we will refill the order at one-half price. Our egg business is handled as properly as we believe it possible, and yet, sometimes, they go wrong. Beware of the dealer who says he never has a dissatisfied customer or who will guarantee you a perfect hatch. We will supply fowls at \$2.50 per bird, \$6.00 per trio, except of the more expensive breeds, on which we will give special quotations by mail. Correspond with us if in need of a large number of eggs or fowls or of the more rare varieties.

**PRICES OF EGGS FOR HATCHING**

	15	30	100
White Wyandottes .....	\$1.50	\$2.50	\$6.00
Black Wyandottes .....	1.75	3.00	8.00
Columbian Wyandottes .....	\$3.00	\$5.00	\$10.00
Barred Plymouth Rocks .....	1.50	2.50	6.00
Buff Plymouth Rocks, Best.....	2.00	3.50	8.00
Buff Plymouth Rocks, 2nd. Best	1.50	2.50	6.50
White Plymouth Rocks .....	1.50	2.50	6.50
S. C. White Leghorn .....	1.50	2.50	6.00
Single Comb Buff Leghorn .....	1.50	2.50	6.00
Single Comb Brown Leghorn....	1.50	2.50	6.00
Rose Combed White Leghorn.			
From Lucius Perry's best.....	2.00	3.75	10.00
Perry's other good matings...	1.50	2.50	6.50
Rose Combed Brown Leghorns..	1.25	2.00	6.00
R. C. and S. C. Black Minorcas..	1.75	3.00	7.00
Light Brahmas .....	1.50	2.50	6.00
S. C. and R. C. R. I. Reds.....	1.50	2.50	6.00
S. C. Anconas .....	1.50	2.50	7.00
Buff Orpingtons .....	2.00	3.50	8.00
Black Orpingtons .....	2.50	4.00	10.00
White Orpingtons .....	2.50	4.00	10.00
Houdans .....	1.75	3.00	8.00
Blue Andalusians S. C.....	2.50	....	....
	11	22	100
Colored Muscovy Ducks .....	\$1.75	\$3.00	\$11.00
Indian Runner Ducks .....	2.00	3.00	....
Pekin Ducks .....	\$1.75	\$3.00	\$11.00
	6	12	....
Emden Geese .....	....	\$3.00	\$6.00
Toulouse Geese .....	....	3.00	6.00

**DAY-OLD BABY CHICKS**

**THE SECRET OF CHICKS WITH "VITALITY."**  
 Comparison of prices should not be the deciding factor in placing your order for chicks. Weak, sickly, poorly hatched chicks are dear at any price. Why buy such when you can get **VITALITY** as well as **QUALITY** at a reasonable price? **ONE HUNDRED** of this kind are worth **ONE THOUSAND** poorly hatched mongrels.

**HOW TO ORDER CHICKS**

Orders for chicks should be sent in as far in advance as possible. When received, orders are booked in rotation and filled in that order, as near to the date requested as possible.

Be sure and give full name of your express office as well as your Post Office address. (Write full name plainly.) State plainly the number and variety of chicks you want, when wanted, and we will acknowledge receipt of your order at once and tell you about when the chicks will be shipped.

If you wish to book your order early and it is not convenient for you to pay for them at the time, sent one-quarter or twenty-five per cent. of the full amount of the order and the balance a few days before the shipment is to be made.

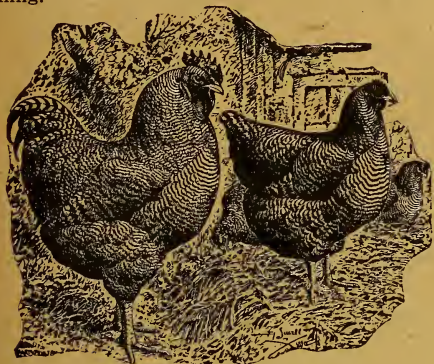
The above also applies to orders for eggs for hatching.

**What the New York State Agricultural Experiment Station at Geneva, N. Y., says for the Lucile:**

"**LUCILE** is of interest and value because of its truly remarkable vine characters. In vigor, health, hardiness and productiveness it is not surpassed by any of the cultivated native grapes. It is probably a seedling of Wyoming but the vine is much more vigorous than even that variety, which is considered a very strong grower. Yet with all of its great growth **Lucile** ripens its wood almost perfectly. It is very productive, as much so as any other of our native grapes, often bearing four bunches to the shoot, its crop exceeding those of Concord. It has never been known to winterkill in the grape regions of New York and is probably as hardy as any other of our Labruscas. Its fruit and foliage are very nearly immune to the fungal diseases of the grape."

**THE CARRIE GOOSEBERRY**

This new variety originated in Minnesota and is, we believe, the best variety for health, yield and profit now before the public. We have had it growing several years and cannot say too much in its favor. It is a red gooseberry, larger and deeper red than the Houghton. A leading grower of Minnesota writes of it as follows: "I feel that I cannot be too strong in the praise of this wonderful new gooseberry. I have tried it out to my own satisfaction and find it everything that is claimed by the originator. The plants are of the upright nature and grow very fast, coming into bearing the year after setting, which has not occurred in my experience in any other variety. My plants raised fruit enough the second year, after setting, to more than pay for them. They seem to be immune from disease, as I have them near other varieties with mildew, but the Carrie has never mildewed with me yet. They are practically thornless." Another leading nurseryman writes: "Special attention is called to the Carrie Gooseberry, which we believe, all things considered, is one of the best varieties for northern culture that has ever been put on the market. It is vigorous, hardy and very productive. I has a very thin skin and yet is firm and a good shipper. Free from mildew entirely. Far more prolific and successful in this section than other varieties." Medium sized plants, 20c each; dozen, \$2.00; 100, \$10.00. 100; \$20.00 per 1,000; 3,000 for \$50.00.



Barred Plymouth Rocks

**OUR GUARANTEE TO YOU**

We guarantee to deliver chicks or eggs to you in first-class condition. On arrival, open box, in presence of expressman; if any chicks are dead or eggs broken, have express agent or postman mark number on the back of the receipt and return the receipt to us and we will refund your money for them, or replace them free of charge. In this way, you have no loss and get full number you pay for.

We have successfully shipped baby chicks and eggs for hatching 1,500 miles and can guarantee safe arrival.

A **YELLOW LABEL** will be found pasted on the box containing **LIVE BABY CHICKS**, which reads as follows:

**LIVE CHICKS**

**EXPRESSMAN:**—Please be **SURE** and keep this box of **CHICKS LEVEL, DRY, out of the SUN** and away from **FIRE or HEAT**, as there is **DANGER of KILLING** them.

— **RUSH** —

Varieties	25	50	100
S. C. White Orpingtons .....	\$7.50	\$13.00	\$25.00
S. C. Black Orpingtons .....	7.50	13.00	25.00
S. C. Buff Orpingtons .....	7.50	13.00	25.00
Barred Plymouth Rocks .....	5.50	10.00	18.00
Buff Plymouth Rocks .....	5.50	10.00	18.00
White Plymouth Rocks .....	5.50	10.00	18.00
R. C. or S. C. Rhode Island .....	5.50	10.00	18.00
S. C. Black Minorcas .....	5.50	10.00	18.00
Columbian Wyandottes .....	7.50	13.00	25.00
S. C. White Leghorns .....	5.00	9.00	17.00
White Wyandottes .....	5.50	10.00	18.00
Light Brahmans .....	6.00	10.00	18.00
S. C. Buff Leghorns .....	5.50	10.00	18.00
R. C. White Leghorns .....	7.50	13.00	25.00
Indian Runner Ducks .....	8.00	15.00	25.00
White Pekin Ducks .....	8.00	15.00	25.00
Colored Muscovy Ducks .....	8.00	15.00	25.00



A Branch of Carrie Gooseberry

## THE PLUM FARMER BLACK RASPBERRY

This is the greatest blackcap raspberry that has ever been introduced. It was found by us in a batch of plants received from Ohio some twenty years ago. We have propagated and sold it ever since and have yet to meet the man who thinks there is anything near as good in the blackcap line. It is grown and appreciated from Maine to California and everywhere receives the greatest praise. In 1909, a grower who lives about ten miles from us, shipped ninety crates to New York City, which sold for over \$600. It is being planted for evaporating and fresh use to the exclusion of all others. The plants are very healthy, have a silvery bluish appearance when ripened in the fall and succeed where others fail. The fruit is grayish black, very firm, attractive, of the very highest flavor and is adapted for evaporating, as well as for fresh market or home use. I know of no fruit which pays growers in this locality as well. Buyers stand ready to pay the farmers 12 cents at their doors and the fresh fruit often retails in the cities for 25 cents per quart. We have handled millions of these plants during the past few years. Now is the time to plant the Plum Farmer. Price, for extra large plants, 75c for 25; \$2.00 per 100; \$15.00 per 1,000; tip plants, 50c for 25; \$1.50 per 100; \$12.00 per 1,000; \$27.00 per 3,000. stiff blue grass sod and borne fruit for fifteen

successive seasons without fail. It is the hardest purple raspberry the writer has ever seen, having withstood thirty-five below zero without injury. It will go through the winter uninjured when Schaffner and Columbian freeze back to the ground. The fruit is same size as Columbian with us and is so firm and dry that it can be picked and shipped long distances in quart boxes. Price, one-year transplants, 15c each; \$1.00 per dozen; \$3.50 per 100; \$30.00 per 1,000; tips, 12½c each; 6 for 50c; dozen, 75c; 100 for \$2.50; 1,000 for \$20.00.

### Royal Purples Produce \$500 Per Acre

In 1915 Mr. Allen Coop of this county had an acre of the Royal Purple in fruiting. During the fruiting season there was a very heavy wind storm which blew off quite a quantity of the berries, yet in spite of this Mr. Coop harvested (5,000) five thousand quarts which sold at wholesale for 10c per quart, realizing \$500.00 for the acre of berries. These berries passed through several hands before the consumer finally got them and we presume that Mr. Coop could have realized \$750.00 from his acre of Royal Purples, had he been able to market them direct to the consumer. The Royal Purple is unquestionably one of the most profitable raspberries now before the public. As a canning berry it is unsurpassed. It will stand shipping better than any raspberry we know. It is one of many good things that I have brought to the attention of the public.

L. J. FARMER.



## THE ROYAL PURPLE RASPBERRY

Purple raspberries are more vigorous and productive than either reds or blacks and will succeed in unfavorable locations when reds and blacks fail. For this reason they are recommended to the average planter. There is usually more money in growing Columbians at 10c to 12c per quart than Cuthberts at 15c. The Royal Purple is the greatest advance yet made in purple raspberries. What I think of the Royal Purple is best expressed by the fact that I paid \$1,000 to control the sale of the plants. The Royal Purple is dry, hard and firm, does not crumble and can be picked before fully ripened, as it comes off the stem easily. Being easy to pick, the tendency is to gather them before fully ripe and they do not have that sickly dull ashen color that purple raspberries usually have. It was no trouble for us to get 15c per quart for our crop of Royal Purples the past year. One great point in favor of the Royal Purple is its lateness. The Columbians were in their prime July 23rd last year, while the Royal Purples did not get at their best until over a week later and were still making good pickings August 20th on last year's growth. The plants are strong, sturdy growers, nearly thornless, and when the canes are ripened in the fall and winter are of a beautiful dark red color. The original bush has stood in a

## GROWING NEW VARIETIES OF POTATOES FROM SEED

Most gardeners have observed that potato and tomato plants are similar in many respects, although the crop of the potato is produced under the surface of the soil while that of the tomato is above the surface. Botanists include both plants in the same family. Not only is the foliage very similar, but almost all the insects that prey upon and destroy one plant are also fond of the other. It is said that an experimenter at the Pennsylvania State College has finally produced a plant which bore eleven potatoes under ground and eleven tomatoes on the vine above ground. He calls it the potatomo.

The tomato plant has been bred along lines to encourage the production of fruit and therefore seeds, on the stalks above ground, while the potato has been bred to produce tubers in large quantities below the surface of the ground, and it is therefore quite difficult to obtain potato seeds. The seeds are produced in little green "fruits" about the size of a good sized marble such as the boys play with on the sidewalks. These fruits are called potato balls. They look much like miniature tomatoes and are deep green in color and about three-fourths of an inch in diameter. These potato balls are rarely

produced on the older varieties of potatoes, but are frequently found on the newer varieties, especially those of unusual vine vigor.

Why the blossoms on older varieties of potatoes do not develop into seed balls is a problem. It may be due to a lack of proper fertilization or to the fact that the variety has been encouraged for years to produce tubers instead of seed balls. Certain it is that rarely are there any seed balls on varieties of potatoes that have been many years in cultivation.

The Hastings variety of potato is comparatively new, of unusual vigor and frequently produces quite a quantity of seed balls. The seed balls are gathered late in the fall just before hard freezing weather, dried, and the seed removed and kept in a cool dry place.

Some of the seed houses offer this seed, taken from different sources and several varieties and types. I was interested to see what these seeds would do, so induced my 16-year-old boy to plant a package of them. He filled a small box, about four inches deep and a foot square, with garden soil, taken from a place that was known to be quite free from weed seeds. The seed packet was opened and the seeds, about 100 in number, were scattered over the surface of the soil. Fine white sand was sprinkled over them so as to just cover them from sight. The surface was thoroughly sprinkled with rain water and a piece of cloth laid over the box to prevent rapid evaporation. This cloth was slightly wet every other day and kept on until the seeds began to germinate, then it was removed.

When the young potato plants showed above the surface of the soil they were easily distinguishable from the few weeds that came up, so the weeds were promptly removed, giving the potato plants all the room there was. Fully three weeks were required for the young potato plants to grow up above the surface so that they could be distinguished. Water was only given when absolutely necessary to prevent the plants from wilting, the idea being that too much water would cause damping off and encourage disease.



About the middle of June the plants had attained sufficient size so it was possible to transplant them to the open ground. They were set out, quite shallow, on a level with surrounding soil, no trenches being dug for them. The young plants were set about one foot apart in one long row. There were about thirty of them and it was quite interesting work to care for and watch them grow. We dug them at the usual time in late October. There were no two hills alike; there were all sizes, shapes and types. There were white, red, pink and variegated colors. Some hills had but one potato and one hill had eleven. They varied in size from tiny tubers the size of field peas to tubers the size of a butternut. These were all saved and each variety was tied up in a paper and all placed in a basket and carefully hung up in the cellar for winter. In the spring these were planted again and some of the hills developed potatoes full size, this the second season.

The growing of new varieties from the seed is one of the most interesting in the horticultural or agricultural line. Once in a while we get a variety that surpasses the older varieties, but while all the seedlings are new varieties there are only a few produced that are worth cultivating in the garden or for commercial use. Some will show a tendency to succumb to potato diseases. Some will be fair looking potatoes and lack in flavor. Once in a long time we produce a seedling that shows at once its superiority over other kinds and continues

to be a profitable variety to grow for many years.

In these times when potatoes so often fail to produce a good crop and there seems to be a lack of vigor and vitality in the kinds commonly grown, it seems to me that it is worth while for the average gardener to try to produce a variety adapted for his particular soil and conditions, even though it does not prove to be a variety adapted to a large territory for commercial purposes. It is well known among those who grow seedlings that one is liable to produce a seedling on his place that is especially adapted for his particular soil and conditions, while it may not prove a success anywhere else.—L. J. Farmer in New York "Sun."

## INSTRUCTIONS FOR GROWING EARLY CABBAGE

First, and most important, buy plants grown from well-bred carefully selected seed, they will probably cost a little more than the cheaper plants grown from ordinary seed, but you cannot produce a good crop of cabbage from plants grown from cheap unselected strains of seed.

When plants arrive, remove from package as soon as possible; dissolve one-fourth pound Octagon or some similar laundry soap (not lye soap) in four gallons warm water; let cool; then immerse plants; roots and tops for two or three hours. This will destroy lice or other insects, and benefit the plants. Plant immediately upon removing from water, and put a little water in hole at root when planting.

Select rich, moist land, but have it well drained. Cabbage requires a lot of moisture, but will not grow on poorly drained, sour, or water-sodded soil. Plow deep and harrow well so that land is well pulverized as deep as it is broken. Lay out rows either 2½ or 3 feet apart (as you prefer) with bull tongue or other small plow. We recommend 3-foot rows when land is plentiful. Put down 1,000 pounds of high grade fertilizer per acre in marks. Cover and make up small bed by plowing two light furrows on fertilizer. This work should be done a week or ten days before your plants arrive. Set plants well down so that the entire stem up to the first leaves is covered with earth. If stems are left exposed, freezing weather will cause stems to split; a maggot will get in this split, eat through the stem of the plant to the bud and destroy same. Be sure soil is well packed at roots to avoid an air space, which would prevent plants from rooting or growing. Set your plants 15 to 20 inches apart in the row. It will take about eleven thousand plants first setting, and usually about one thousand to supply the missing places where plants die or are lost for various causes.

Leave plants as set without further cultivation until two weeks before the time that your spring weather usually opens up, then run a subsoil plow, or a small turn plow, with the moldboard removed, twice in "every other alley," at the foot of the ridge on one side of each bed. Follow this work with 500 pounds of the same high grade fertilizer per acre in alley plowed, then immediately use a small sweep or cultivator, with teeth well drawn in, behind the fertilizer to stir it in the soil and cover same.

In ten days, subsoil, fertilize, and sweep the other alley which was left at first working, using 500 pounds of the same fertilizer per acre, in the same manner. After this you should cultivate light and often, following the plan of cultivating "every other alley" about once every five days, thus working both alleys every ten days. The dryer the weather, the oftener and lighter should be the cultivation. The idea being to keep a thin dust mulch on surface of soil but not to disturb the roots in any way.

There should be no deep cultivation after the last subsoiling and fertilizing. The time to do most of the work on a cabbage crop is before the plants are set. Break your land just as deep as possible with two- or three-horse plow, then disk harrow and pulverize thoroughly as deep as broken. After your cabbage are harvested, you can, without additional fertilizer, grow a crop of hay, potatoes, or any other crop that will mature in a short season, and make a heavier yield than you would if the cabbage had not been grown on the land.

Remember the crop produced will depend upon the grade of seed from which plants are grown. The cost of land, labor, and fertilizer is the same whether you make a crop or not. Therefore you cannot afford to use plants grown from cheap, unselected strain of seed and take the chance of losing your crop.

## THE IDAHO EVERBEARING RASPBERRY

This wonderful red raspberry was found growing in the State of Idaho. The plants are strong growers and, if given a fair chance, soon assert themselves. They are not such rampant growers as Cuthbert, and do not ever encumber the ground with useless plants, but they are sturdy growers and are not easily choked by weeds or other varieties. The plants are the hardiest of all red raspberries, have withstood thirty degrees below zero and I believe they will easily stand forty degrees below zero. They rarely over get over 3½ feet high and never have required trimming with us. They branch naturally like a tree and require very little attention, except to be kept clean of weeds and grass.

The fruit is very large, some berries attaining over one inch in diameter, of a deep red color and very attractive. It is very fine flavored. The season is early to late, ripening over the longest season of any red raspberry we have, beginning with Marlboro and lasting long after Loudon and Cuthbert are done. I am able to sell the fruit for the best price of any raspberry we grow. We are planting it extensively for fruit and as soon as its merits are well known, the demand for plants will be enormous. We have fruited it now for eight years and consider it the most valuable of all red raspberries for very cold climates. Cuthbert is the only one that anywhere near equals it. It will grow and produce an enormous crop where

Cuthbert will freeze out entirely. Retail price, 10c each; 6 for 50c; dozen, 75c; 25 for \$1.00; \$2.50 per 100; \$20.00 per 1,000; 3,000 for \$50.00.

## ONE-FOURTH ACRE EVERBEARING STRAWBERRIES YIELDS \$728.04 IN TWO SEASONS.

In April, 1915, Mr. Frank J. Deiter of St. Joseph, Mo., set one-fourth acre of Everbearing strawberry, Americus and Progressive. These were marketed from July 5th to Nov. 13th. The price received was \$3.60 for 24-pint case. After picking and delivering were deducted, the net revenue for the one-fourth acre for 1915 was \$422.00. In 1916 it was \$306.04, being a total of \$728.04 for the one-fourth acre in the two years. Mr. Deiter sends me statements showing amounts received at different dates and also writes as follows:

St. Joseph, Mo., Nov. 28th, 1916.

L. J. Farmer.

Dear Sir:—Replying to yours of the 21st will say that you will find in the Fruit Grower of March 1st, 1916, full description of methods followed by us. Mr. Favor, the editor, and Mr. O. L. Welch, both of St. Joseph, will verify all my claims, as they were weekly visitors, both last year and this. The summer of 1915 was exceptionally favorable, being cool and wet. This season we did not do as well, the weather being extremely hot and quite dry. As to varieties? Well, do you know Mr. Farmer of Pulaski? I got my Americus of him. The other variety (Progressive) I got from Harlow Rockhill. Will enclose statements of receipts for 1915 and 1916. FRANK J. DEITER.



## EVERBEARING STRAWBERRIES IN THE EDITOR'S GARDEN

By Permission of Comfort Magazine.

The many inquiries we have received about the everbearing strawberries suggested the idea that COMFORT readers might be interested in the editor's experience in raising these berries in his own garden. As the writer, who is not of the agricultural staff which conducts our "Modern Farmer" department, has very little knowledge of gardening he does not pretend to teach the correct method of cultivating these berries, but merely describes the results obtained by his somewhat crude treatment which ought to be equalled or surpassed under ordinary conditions in the home garden.

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A year ago last spring, having decided to start a strawberry bed, I ordered 200 plants of a standard summer variety, and the nurseryman who furnished them talked me into buying 50 plants of an everbearing variety at one dollar a dozen. Although I knew him to be reliable, I was somewhat skeptical of the claims he put forth in favor of the everbearing strawberries, but they have certainly made good. They are frequently called "fall-bearing," but that is only another name for the same thing.

I set the plants of both varieties in the ground early in May, as soon as the land was fit to work. Suitable compost not being obtainable I used phosphate and wood ashes for fertilizer the first season.

Nearly every plant lived, and by the first of June both varieties were in bloom. I picked all the blossoms, as instructed by the nurseryman. And right here begins the difference between the summer and the everbearing varieties.

The blossoms have to be picked because the newly rooted plants would be injured if their vitality were permitted to go into fruit. As the summer varieties blossom only once a year, by



picking the blossoms the first season you get no fruit from these plants until the second summer.

But as soon as the blossoms on my everbearers were picked another set of buds started and shortly they were full of blossoms again, which in turn had to be picked and were followed by more blossoms. From then until the first of August picking strawberry blossoms was a daily diversion. It was like picking pansies; the more blooms I picked the more they blossomed. And all the while the plants were making a splendid growth.

By the first of August my everbearers had become so strong and sturdy—some of them had begun to send out runners—that I thought it safe to let them bear, and so I stopped the blossom picking on that day. At the same time I sprinkled a little phosphate and wood ashes around each plant and worked it into the top soil, taking care not to scratch deep enough to disturb the strawberry roots. I also kept the bed clear of weeds, which is absolutely essential to success with any kind of strawberries.

Through September the weather for the most part was fairly warm and despite a few frosts the plants bore well and the berries grew with normal rapidity and maintained the full flavor and delicacy that characterized the August fruiting. But in October, as the weather became colder the growth and ripening of the fruit was slower and the yield lessened proportionately, although the individual berries attained about the same size as ever. The berries ripened in the cold weather had less flavor and were not so mellow but, strange to say, were fully as sweet as in summer. The late berries even when green seemed to be almost totally lacking acidity.

Thus closed my first season's experiment. Late in November I had both beds covered with a light mulching of second crop hay which contained no seed. When the covering—what was left of it—was taken off in April every plant was alive and thrifty, although other strawberry beds in the vicinity that were more heavily covered suffered



Hard to Keep Fruit Away from Healthy Boys

The latter part of August I began picking ripe strawberries, smooth, round, dark red, delicious fruit of good size; and from that on until the ground froze that little everbearing bed was in continual performance. At the same time and always there were berries ripening, green berries maturing, blossoms opening and new buds forming.

Frosts come early in Maine; a light frost is not uncommon early in September and it is rare that we escape a heavy frost in the latter part of that month; although we have some warm, sunny weather in October the nights are cold and late in the month the surface of the ground is likely to be stiffened with frost in the early mornings to thaw again as the sun gets up. These climatic conditions are mentioned to show what my everbearers had to contend with.

October 31, 1915, the day I closed my summer home where I had my garden, I picked ripe strawberries; the plants were still blossoming and held green fruit in various stages of development, but what they did after that I can't say for I did not see them again until the next spring.

This seemed wonderful as there had been light frosts in September, heavy frosts in October and several times the green berries had frozen and thawed, yet kept on growing and ripening.

The facts I have stated are the literal truth, but, like most facts, require an explanation to convey a true idea of the actual effective results.

severely by winter-killing. Some stray cattle ate up the greater part of my mulching and the rest of it nearly all blew off, leaving the plants with little if any protection until the snow came in February. It was an unfavorable winter, the snow not coming until so late and previous to that much rain and freezing and thawing. My exemption from winter-killing probably was due to the perfectly graded slope of the land which prevented any water standing or ice forming over either bed.

I was so well satisfied with the behavior of my everbearers that last spring I bought 300 more of the same variety and 300 of another everbearing variety. Although these plants came in good condition they got a bad set-back through not being set out for nearly two weeks because of a long rainy spell which kept the ground too muddy to work. About a quarter of them died and those that lived had a poor start.

My summer cottage is at the seaside where barn manure is not obtainable, so I drew on the resources of old Ocean for a substitute. The fall before I had rockweed stripped from the ledges at low tide, hauled to the garden and stacked. By spring this was pretty well rotted and had shrunk to less than half its original bulk.

For my new strawberries I had furrows run about three feet apart and put into them about

four inches of the rotted rockweed; then covered it with about four inches of earth which filled the furrows even with the surface of the ground. The plants were set eighteen inches apart in the rows, and a little phosphate, wood ashes and bone meal mixed in the soil at each place where a plant was set.

These plants began blossoming before I could get them set, which, as explained, was delayed by wet weather, and the blossom picking process of the previous summer was repeated on the new ones until about the first of August. At that time I sprinkled a little phosphate, wood ashes and nitrate of soda close to the plants and hilled the earth up about them with a hoe. Most of them had grown well and were making runners which I trained to keep in the rows by putting a little earth on them near their ends. The fruiting results were a repetition of those of the previous season only on a proportionately larger scale.

Now about the second season's behavior of my two old beds. I kept the blossoms picked from my berries—only a few and they did not have much flavor then—and there were many green berries

claims in their favor. I would not advise anybody to expect to dig many ripe berries from under the the ground froze hard the night before and had frozen and thawed several times not to mention the heavy frosts during the previous three weeks. The same day, a few hours after I picked my last ripe strawberries a snow-storm set in which left a good six inches of snow on the ground.

I have seen pictures of people brushing the snow from a bed of everbearers and picking ripe strawberries. Had I postponed my last picking twenty-four hours I could have performed that trick myself.

From my experience of two seasons I have no hesitation in recommending the everbearing, otherwise called the fall-bearing, strawberry as a valuable addition to the home garden and I see no reason why it should not be profitable to grow it for the market. Until its cultivation becomes common this fruit should command a fancy price as it can be made to come when other strawberries are out of season.

The everbearing strawberries have enough good and strong points without making any extravagant



Strawberries, Popcorn, Celery and Pumpkins Harvested the Same Day, October 30th, 1912, L. J. Farmer's Children

old everbearers until June 20 for the purpose of having them follow on the heels of the crop from my bed of summer berries which were late because of the late, cold spring. My summer berries were in bearing a little over two weeks beginning with the fourth of July, and before they were gone I picked the first ripe fruit from the everbearers, though the latter had not come into full bearing at that time because I had kept up the blossom picking too long; next season I shall stop it two weeks earlier. But that little old everbearing bed certainly did well after it got going. It bore abundantly through August and well in September, but by October it was becoming choked by the growth of the hundreds of young plants it had produced, so I dug it up, using the young plants and some of the old ones to make a larger bed. I had made the mistake the year previous of setting these plants too closely, a foot apart in rows two feet apart, which did not allow space for the growth of the runners. Thus ended the career of the first bed of everbearers, but the two new beds were still yielding as previously described.

Last season I had strawberries in my garden continually from the fourth of July until the twelfth day of November, when I picked the last ripe and blossoms on the plants. The wonder is that there could be any ripe berries considering that

snow or to rely on much of a yield after the heavy frosts begin to strip the trees of leaves, though it is a fact that we had fresh berries on the table all through October and a surplus to can every week in the month. Another peculiarity was that although the berries grown in cold weather lacked flavor when eaten raw, if cooked they developed quite as much flavor as those produced in warm weather and we thought they made even better preserves. I also found that if picked when fully grown and just beginning to change color they ripened pretty well in the house.

I believe they have another limitation which it is fair to consider. They will blossom and, if permitted, will bear as early as the ordinary strawberries and will keep on bearing for some months—how long I do not know because I have not tested the limit of their capacity—but it is unreasonable to believe that they can keep on bearing indefinitely without exhausting the strength of the plants although they make longer roots than the ordinary varieties. Therefore it is advisable to pick the early blossoms so not to let them fruit until after the ordinary strawberries are gone. The object is to save their strength to produce heavily when there are no other strawberries in the market.

However, in sections subject to late spring frosts likely to kill the blossoms of the ordinary straw-

berries and prevent them from fruiting, it would seem advisable to substitute the everbearing and thus make sure of a good crop regardless of weather; for if the first blossoms are killed the everbearers will immediately start a new set.

I omitted to say that early last spring I gave my old everbearing bed a light top dressing of phosphate, bone meal and wood ashes, and in midsummer I gave it an application of phosphate, wood ashes and nitrate of soda. It stands to reason that plants which bear so abundantly and so long must require more feeding than those which produced but one crop a year. Other fertilizers might do as well and perhaps better; I used these because they were available and others were not.

I know very little about strawberry culture and my only excuse for writing is to give our readers the results of my limited experience with the everbearing which is attracting so much attention at present. Authoritative advice as to best methods of cultivation can be had from those who have made a specialty of propagating these plants. A little book on strawberry culture that I bought last spring for twenty-five cents contained much valuable information and proved a good investment.

Long Yellow 6 Weeks.....	.35	.65	4.00
Broad Windsor .....	.35	.65	4.00
White Navy .....	.20	.35	2.10

**WAX POD BUSH BEANS**

New Pearl .....	.35	.65	4.75
Trucker's Reward .....	.35	.65	4.75
New Hudson .....	.35	.65	4.50
Round Podded Kidney .....	.35	.65	4.50
New California Dwarf .....	.35	.65	4.50
Currie's Rust Proof .....	.35	.65	4.50
New Davis Kidney .....	.35	.65	4.50
Wardwell's Kidney .....	.40	.75	5.00
Pencil Pod Black Wax... ..	.35	.65	4.50
Keeney's Rustless .....	.35	.65	4.75
Webber Wax .....	.35	.65	4.50

**BUSH LIMA BEANS**

Enormous Early Bush .....	.25	.45	2.75
Fordhook Early Bush .....	.25	.45	2.75
Burpee Improved .....	.20	.30	2.35
Hood's Prolific .....	.25	.45	2.75
Dreer's New Wonder .....	.25	.45	2.75
Burpee's Large .....	.20	.35	2.25



L. J. Farmer's Children Picking Strawberries, September 30th, 1913

**FARMER'S SEED DEPARTMENT**

Seeds will be shipped separate from plant orders. No order accepted for less than \$1.00.

If wanted by parcel post, please add enough to pay postage. You can easily figure this out by using the parcel post map. We prepay the postage on packets, ounces and quarter pounds.

**BEANS**

**GREEN POD BUSH BEANS.**

Packets 10c each

	Pint.	Quart.	Peck.
Early May Queen .....	.35	.65	\$4.50
Home Sweet Home .....	.35	.65	4.75
Giant Stringless Valentine ..	.40	.75	4.75
Burpee's Stringless .....	.40	.75	4.75
Early Refugee .....	.25	.45	2.75
Hopkins Red Valentine .....	.25	.40	2.25
Earlies Red Valentine .....	.25	.40	2.25
Late Refugee or 1000 to 1....	.35	.65	4.00
Dwarf Horticultural .....	.35	.65	4.00
Low's Champion .....	.35	.65	4.00
Henderson's Bountiful .....	.35	.65	4.00
Longfellow Green Podded ...	.35	.65	4.00

Dreer's Bush .....	.25	.45	2.75
Henderson's Dwarf .....	.20	.35	2.10

**POLE OR RUNNING BEANS**

Lazy Wife .....	.40	.75	5.00
Point Market Prolific .....	.20	.35	2.25
White Creaseback .....	.30	.50	3.50
Old Homestead .....	.25	.45	2.75
Horticultural Pole .....	.25	.45	2.75
Red Speckled .....	.25	.45	2.75
Dutch Caseknife .....	.25	.40	2.35

**POLE LIMA BEANS.**

Giant Emerald Isle .....	.25	.40	2.35
Early Leviathan .....	.20	.35	2.00
Challenger .....	.20	.35	2.10
Henderson's Ideal .....	.20	.35	2.25
Selbert's Early .....	.20	.30	2.00
Jersey Extra Early .....	.20	.30	2.00
Sieva .....	.20	.30	2.00
Rod's Mammoth .....	.20	.30	2.00
King of Garden .....	.20	.30	2.00
Carpenteria .....	.20	.35	2.10
Extra Large Lima .....	.20	.30	2.00

**BEETS**

	Packets 5c and 10c	Oz.	¼ Lb.	Lb.
Bonfire .....		\$.15	\$.40	\$1.25
New Early Spring .....		.15	.50	1.50
Deep Blood Beauty .....		.15	.40	1.25
American Beauty .....		.15	.40	1.25
Early Model .....		.15	.35	1.00
Early Oxblood .....		.15	.30	1.00
Ex. Early Eclipse .....		.10	.25	.75
Crosby's Egyptian .....		.15	.30	1.00
Detroit Dark Red .....		.15	.30	1.00
Dark Red Flat Egyptian .....		.10	.25	.75
Earlu Blood Turnip .....		.10	.25	.75
Edmond's Blood Turnip .....		.15	.30	.75
Lentz Extra Early .....		.10	.25	.75
Bassano Extra Early .....		.10	.25	.75
Bastian's Ex. Early .....		.10	.25	.75
Black Red Ball .....		.10	.25	.85
Dewing Blood Turnip .....		.10	.25	.75
Half Long Dark Blood .....		.10	.25	.75
Long Smooth Blood .....		.10	.25	.75
Lucullus Swiss Chard .....		.15	.40	1.25
Swiss Chard or Silver .....		.10	.25	.75

**MANGEL WURZEL and SUGAR BEETS**

	Oz.	¼ Lb.	Lb.
New Jumbo Mangel .....	\$.10	\$.15	\$.45
Gate Post Mangel .....	.10	.15	.45

**CABBAGE**

**EXTRA EARLY VARIETIES**

	Packets 5 and 10 cents each	Oz.	¼ Lb.	Lb.
Big Winner Wakefield .....		\$.30	\$.90	\$3.50
Ex. Early Express .....		.20	.60	2.00
New Leader .....		.30	.90	3.50
Enkhuizen Glory .....		.20	.60	2.00
Early Jersey Wakefield .....		.20	.60	2.00
Ex. Early Pilot .....		.20	.60	2.00
Eureka .....		.20	.60	2.00
Ex. Early Jersey Wakefield .....		.20	.60	2.00
Charleston Large Wakefield .....		.20	.60	2.00
Copenhagen Market .....		.30	.85	3.00
Early Large York .....		.20	.50	1.75
Early Winniginstadt .....		.20	.50	1.75

**SECOND EARLY VARIETIES**

	Oz.	¼ Lb.	Lb.
Square Deal .....	.30	.90	3.50
New Early .....	.25	.75	2.50
Florida Header .....	.20	.60	2.00
All Head Early .....	.20	.60	2.00
Fotler's Improved Brunswick .....	.20	.60	2.00
Henderson's Early Summer .....	.20	.60	2.00
L. I. Early Flat Dutch .....	.20	.60	2.00
Short Stem Drumhead .....	.20	.60	2.00



Plants in Fruit and Baskets of Berries of Francis and Americus, November, 1911

Long Red Mangel .....	.10	.15	.40	Succession .....	.20	.60	2.00
Golden Tankard Mangel .....	.10	.15	.40	Sure Head .....	.20	.60	2.00
Giant Feeding Sugar .....	.10	.20	.50	Drumhead Savoy .....	.20	.50	1.75
Klein-Wanzle Bener Elite .....				Mammoth Red Dutch .....	.25	.75	2.50
Sugar .....	.10	.20	.50	Volga .....	.20	.60	2.00
Lane's Improved Sugar .....	.10	.15	.40	All Seasons .....	.20	.60	2.00

**LATE or WINTER CABBAGE**

	Oz.	¼ Lb.	Lb.
Ringleader Flat Dutch	.30	.90	3.50
Extra Large Flat Dutch	.20	.60	2.00
Louisville Drumhead	.20	.60	2.00
Chinese or Celery Cabbage	.25	.75	2.50
Lupton	.20	.60	2.00
Premium Flat Dutch	.20	.50	1.75
Large Late Drumhead	.20	.60	2.00
Boss Flat Dutch	.20	.60	2.00
Autumn King	.20	.60	2.00
Danish Ball Head	.20	.60	2.00

**BRUSSELS SPROUTS**

	Oz.	¼ Lb.	Lb.
Matchless Improved	\$.25	\$.75	\$2.50
Paris Half Dwarf	.20	.85	1.75

**COLLARDS**

	Oz.	¼ Lb.	Lb.
Georgia Southern	\$.10	\$.20	\$.50

**CAULIFLOWER**

Packets 10c and 25c each.

	Oz.	¼ Lb.	Lb.
New Century	\$2.00	\$7.00	\$24.00
Danish Giant	1.50	4.50	15.00
Early Snowball	1.50	4.50	16.00
Ex. Early Erfurt	1.50	4.50	16.00
LeNormand's Short Stem	.45	1.35	5.00
Veitches Autumn Giant	.45	1.35	5.00
Ex. Early Paris	.45	1.35	5.00



Early Snowball Cauliflower

**CARROTS**

Packets 5c and 10c each

	Oz.	¼ Lb.	Lb.
Early Sunbeam	\$.15	\$.40	\$1.25
Klondike	.15	.40	1.25
New King	.15	.40	1.25
Scarlet Beauty	.15	.40	1.25
Pride of the Market	.15	.40	1.25
Early Oxheart	.15	.40	1.25
Parisian Forcing	.15	.40	1.25
Half Long Orange	.15	.40	1.25
Imp. Long Orange	.15	.35	1.00
St. Valery	.15	.35	1.00
Early Scarlet Horn	.15	.40	1.25
Danvers Half Long	.15	.40	1.25
Chantenay	.15	.40	1.25
Mantes Half Long	.15	.40	1.25
Rubicon	.15	.40	1.25
James Intermediate	.15	.35	1.00
White Belgian	.10	.15	.50

**CELERY**

Packets 5c and 10c each

	Oz.	¼ Lb.	Lb.
Golden Self Blanching	\$.25	\$.85	\$3.00
French Golden Self Blanching	.75	2.75	10.00
Sweet Nut	.30	.90	3.50

Giant Pascal	.20	.50	1.75
New Victory	.30	.90	3.50
White Plume	.25	.75	2.50
Winter Queen	.20	.50	1.75
Dwarf Golden Heart	.20	.50	1.75
The Pearl Le Grand	.20	.55	1.75
Giant Golden Heart	.20	.50	1.75
CORN SALAD.			
Large German	.10	.15	.40
CELERAIC (Turnip Rooted Celery).			
Small French	.25	.75	2.50
Large Smooth Prague	.20	.60	2.00

**CRESS**

	Oz.	¼ Lb.	Lb.
True Water Cress	\$.25	\$.75	\$2.50
Fine Curles Pepper Grass	.10	.15	.45

**SWEET or SUGAR CORN**

Packets 5c and 10c each	Per ear	Doz. ears	Pt.	Qt.	Pk.
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**EXTRA EARLY**

Double XX Extra.					
Early Adams	\$.07	\$.75	\$.15	\$.25	\$1.25
Ex. Ey. Adams	.07	.75	.15	.25	1.25
Second Ey. Adams	.07	.75	.15	.25	1.25
Early Patapsco	.07	.75	.15	.25	1.25
California Golden Country					
Gentleman	.15	1.75	.40	.75	5.00
White Cob Cory			.25	.45	2.75
Red Cob Cory			.25	.45	2.75
Kendel's Giant			.25	.45	2.75
Metropolitan			.20	.30	1.75
Cream and Honey	.15	1.75	.35	.65	4.75
Butter Nut	.15	1.75	.35	.65	4.00
65 Day	.07	.75	.15	.25	1.25
Golden Bantum	.15	1.75	.35	.65	4.25
Howling Mob	.15	1.75	.35	.65	4.00
Premo 60 Day			.25	.45	2.75
Red Cob 90 Day			.10	.15	.90
Ey. Minnesota	.12	1.25	.25	.45	2.75
Mam. White Cory	.12	1.25	.25	.45	2.75

**SECOND EARLY**

	Per ear	Doz. ears	Pt.	Qt.	Pk.
Peep o' Day	.20	\$.35	\$.25	\$.35	\$2.25
Champion	.20	.35	.25	.35	2.25
Early Crosby			.35	.60	3.75
Earliest Sheffield	\$.10	\$1.00	.20	.35	2.25
Ex. Ey. Evergreen	.15	1.75	.35	.65	4.00
Early Mammoth	.10	-1.00	.20	.35	2.25
Perry's Hybrid			.15	.25	1.25
Shaker's Early			.15	.25	1.25
Trucker's Favorite	.07	.75	.15	.25	1.25

**GENERAL CROP**

	Per ear	Doz. ears	Pt.	Qt.	Pk.
Snow White Evergreen	\$.15	\$1.75	\$.35	\$.65	\$4.00
Stowell's Evergreen	.15	1.75	.35	.65	4.00
Zig Zag Evergreen	.15	1.75	.35	.65	4.00
Hickox Improved	.12	1.25	.25	.45	2.75

**LATE CROP**

	Per ear	Doz. ears	Pt.	Qt.	Pk.
Country Gentleman	\$.15	\$1.75	\$.35	\$.65	\$4.75
Mammoth Sugar	.12	1.25	.25	.45	2.75
Ne Plus Ultra	.15	1.75	.35	.65	4.75

**CUCUMBER**

Packets 5 and 10 cents each

	Oz.	¼ Lb.	Lb.
Early Fortune	\$.15	\$.45	\$1.50
Prosperity White Spine	.15	.40	1.25
New Klondike	.10	.25	.85
Lord Baltimore	.15	.35	1.00
Perfection White Spine	.15	.25	.85
Arlington White Spine	.10	.25	.75
New Century	.10	.25	.75
Excelsior Long Green	.25	.75	2.50
New Lemon	.15	.35	1.00
Ford Hook Famous	.15	.35	1.00
Ex. Early White Spine	.10	.25	.75
Perfection White Spine	.10	.25	.75
Evergreen White Spine	.10	.40	.75
Boston Pickling	.10	.25	.75
Chicago Pickling	.10	.25	.75
Thorburn's Everbearing	.10	.25	.85
Fordhook Pickling	.15	.60	1.00
Long Green	.10	.25	.75
Early Frame	.10	.25	.75
Cool and Crisp	.10	.25	.75
West India Gherkin	.35	.85	1.00

**KOHL RABI**

Packets 5 and 10c

	Oz.	¼ Lb.	Lb.
Earliest White Vienna .....	\$ .20	1.60	\$2.00
Purple .....	.20	.60	2.00

**EGG PLANT**

Packets 5 and 10c each

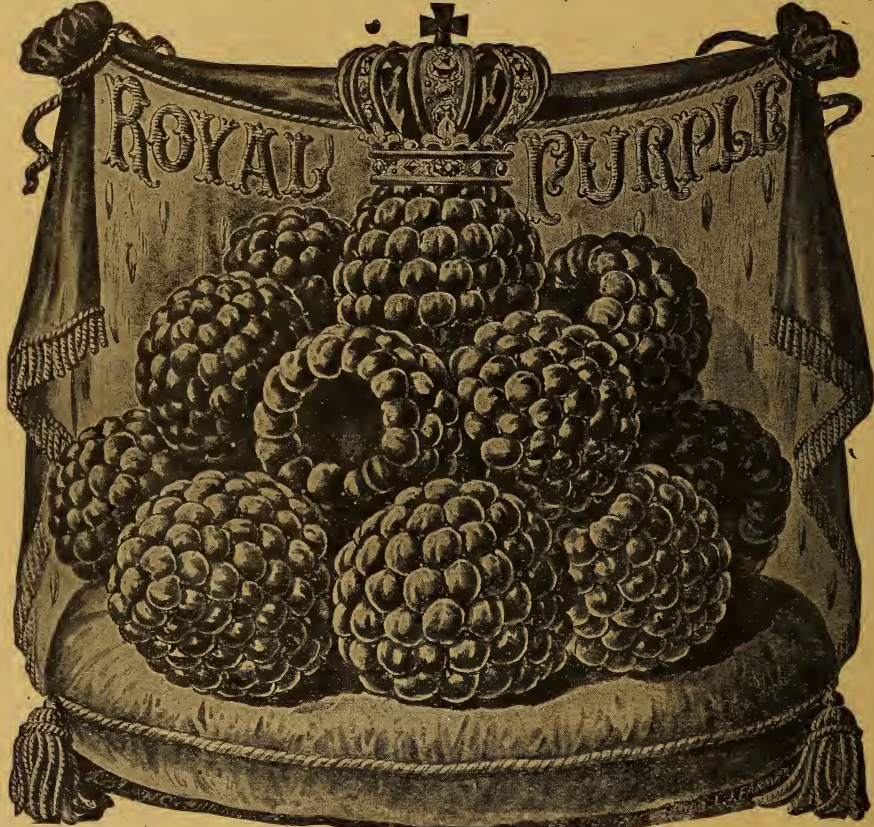
	Oz.	¼ Lb.	Lb.
Black Beauty .....	\$.40	\$1.25	\$4.00
Florida Hugh Bush .....	.30	1.00	3.50
Imp. Large Purple .....	.40	1.25	4.00
New York Improved .....	.40	1.25	4.00
New Orleans .....	.30	1.00	3.50
New Jersey Improved .....	.40	1.25	4.00

**ENDIVE**

Packets 5 and 10c each

	Oz.	¼ Lb.	Lb.
Self Blanching .....	\$.15	\$.40	\$1.25
Green Curled .....	.15	.35	1.00

Millionaire .....	.20	.60	2.00
Bully Good .....	.20	.60	2.00
Best of All .....	.20	.60	2.00
Unrivalled .....	.15	.40	1.25
May King .....	.15	.40	1.25
Golden Queen .....	.15	.35	1.00
Tennis Ball .....	.15	.35	1.00
Big Boston .....	.15	.35	1.00
White Loaf .....	.15	.40	1.25
Early Spring .....	.15	.40	1.25
Gold Prize .....	.15	.40	1.25
Mammoth Butter .....	.15	.35	1.00
Early White Butter .....	.15	.35	1.00
Dutch Speckled .....	.15	.35	1.00
Baltimore Cabbage .....	.15	.35	1.00
Dutch Butter Spotted .....	.15	.35	1.00
Frozen North .....	.20	.60	2.00
Oak Leaf .....	.15	.35	1.00
Grand Rapids .....	.15	.35	1.00
Denver Market .....	.15	.35	1.00
Brittle Ice .....	.15	.35	1.00



**KALE**

Packets 5 and 10c each

	Oz.	¼ Lb.	Lb.
Hardy Winter Spargel .....	\$.20	\$.50	\$1.50
Green Curles Scotch .....	.10	.20	.60
Imperial Long Standing .....	.10	.15	.40
Spring or Smooth .....	.10	.15	.25
Curled German .....	.10	.15	.35
Siberian Curled .....	.10	.15	.35
New American .....	.10	.15	.40

**LEEK**

Packets 5 and 10c each

	Oz.	¼ Lb.	Lb.
Mammoth King .....	\$.25	\$.75	\$2.50
Monstrous Carenton .....	.20	.55	1.75
American Flag .....	.15	.40	1.25

**LETTUCE**

Long Lost (new) packets 10 and 25c each .....	.50	1.50	5.00
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Iceberg .....	.15	.35	1.00
Hanson .....	.15	.35	1.00
Black Seeded Simpson .....	.15	.35	1.00
Early Prize Head .....	.15	.35	.85
Silesia .....	.15	.35	.85
Lucky Stroke .....	.20	.60	2.00
Tender and True .....	.20	.60	2.00
Farmer's Pride .....	.15	.40	1.25
Cream Butter .....	.15	.35	1.00
Butterhead .....	.15	.40	1.25
Immensity .....	.15	.35	1.00
All Seasons .....	.15	.35	1.00
Summer Cabbage .....	.15	.35	1.00
Tait's Imperial Cabbage .....	.15	.35	1.00
Big Head .....	.15	.40	1.25

**MUSTARD**

	Oz.	¼ Lb.	Lb.
Southern Giant Curled .....	\$.10	\$.15	\$.45
Ostrich Plume .....	.10	.20	.50
Black or Brown .....	.10	.15	.35
White Mustard .....	.10	.15	.35

**MUSKMELONS**

Packets 5 and 10c each

**GREEN FLESHED VARIETIES**

	Oz.	¼ Lb.	Lb.
Junior Rocky Ford	\$.15	\$.40	\$1.25
Henderson's Bush	.30	.85	3.00
Watter's Imp. Rocky Ford	.10	.25	.60
Eden Gem	.15	.25	.60
Thoroughbred Rocky Ford	.10	.25	.60
Ex. Ey. Hackensack	.15	.25	.60
Netted Gem	.10	.20	.50
Anne Arundell	.15	.35	.60
Acme	.15	.25	.60
Pollock Rocky Ford	.15	.25	.60
Honey Sweet	.15	.40	1.25
New Maryland	.15	.40	1.25
Norfolk Button	.15	.25	.60
Jenny Lind	.15	.25	.60
Baltimore Nut Meg	.15	.30	.75

Mammoth Silver King	.20	.75	2.50
Round Yellow Danvers	.15	.40	2.00
Ex. Early Pearl	.25	.75	2.50
Large White Portugal	.15	.40	2.50
Yellow Globe Dangers	.15	.40	2.00
Red Wethersfield	.20	.60	2.00
Yellow Dutch or Strasburg	.20	.60	2.00
White Bermuda, Teneriffe	.25	.75	2.50
Crystal Wax, Teneriffe	.25	.75	2.50
Red Bermuda, Teneriffe	.20	.60	2.00

**ONION SETS**

	Pint.	Quart.	Peck.	Bushel
White Silver Skin	\$.20	\$.35	\$2.00	\$7.00
White Silver Skin, (small size)	.35	.50	2.25	8.00
Red Wethersfield	.20	.35	2.00	7.00
Yellow Strasburg	.20	.35	2.00	7.00

**PARSNIP**

Packets 5c and 10c

	Oz.	¼ Lb.	Lb.
Hollow Hub	\$.10	\$.20	\$.65
Hollow Crown	.10	.20	.60
Guernsey	.10	.20	.50

**PARSLEY**

Packets 5c and 10c each

	Oz.	¼ Lb.	Lb.
Best Triple Curled	\$.10	\$.25	\$.75
Champion Moss Curled	.10	.25	.75
Fine Double Curled	.10	.20	.60
Emerald Curled Dwarf	.10	.20	.60
Plain or single	.10	.20	.50

**ORANGE FLESHED VARIETIES**

	Oz.	¼ Lb.	Lb.
Salmon Gold Rocky Ford	\$.15	\$.40	\$1.25
Melton Fleshed Eden Glen	.15	.40	1.25
Burrell's Gem	.10	.25	.60
Paul Rose	.15	.25	.60
Orange Fleshed Osage	.15	.25	.60
Emerald Gem	.15	.25	.60
New Fork Hook	.15	.25	.60
Ex. Ey. Osage Gem	.15	.25	.60
Ferry's Defender	.15	.25	.60
Hoodoo Canteloupe	.15	.30	.75
Free Lunch	.15	.30	.75
Banana	.15	.30	.75

**WATERMELON**

Packets 5 and 10 cents each

	Oz.	¼ Lb.	Lb.
Goliath	\$.10	\$.25	\$.85
Indian Chief	.15	.35	1.00
Cold Mountain Spring	.10	.25	.85
Kolb Gem or Stripes	.10	.20	.50
Excel	.15	.35	1.00
Luscious Favorite	.10	.20	.60
Georgia Rattlesnake	.10	.20	.50
Triumph	.10	.20	.45
White Icing	.10	.20	.45
Mammoth Ironclad	.10	.20	.45
Bradford	.10	.20	.45
Mountain Sweet	.10	.20	.45
Duke Jones	.10	.20	.45
Sweet Heart	.10	.20	.45
Lord Baltimore	.10	.20	.60
Kleckley's Sweet	.10	.20	.75
Seminole	.10	.20	.45
McIver's Sugar	.10	.20	.50
Dixie	.10	.20	.75
Florida Favorite	.10	.20	.60
Tom Watson	.10	.25	.85
Halbert Honey	.10	.20	.60
Black Diamond	.10	.20	.45
Cuban Queen	.10	.20	.45
Success	.10	.20	.50
Cole's Early	.10	.20	.50
New Eden	.10	.20	.60
Fordhook Early	.10	.20	.60
Peerless or Ice Cream	.10	.20	.50
Jumbo	.10	.20	.45
Blue Gem or Iceberg	.10	.20	.45
Alabama Sweet	.10	.20	.50
Black Boulder	.10	.20	.45

**CITRON**

Colorado Preserving	\$.15	\$.25	\$.60
Red Seeded	.15	.25	.60

**NASTURTIUM**

	Oz.	¼ Lb.	Lb.
Dwarf Mixed	\$.15	\$.25	\$.75
Tall Mixed	.15	.25	.65

**OKRA or GUMBO**

	Oz.	¼ Lb.	Lb.
Mammoth Long Podded	\$.10	\$.20	\$.45
Dwarf Short Podded	.10	.20	.50
Lady Finger	.10	.20	.45
Dwarf Green Prolific Density	.10	.20	.45
White Velvet	.10	.20	.45

**ONION**

	Oz.	¼ Lb.	Lb.
Packets 5 and 10c each			
White Silver Skin	\$.25	\$.75	\$2.50
Mammoth Prizetaken	.20	.60	2.00
Southport White Globe	.25	.75	2.50
Southport Yellow Globe	.20	.60	2.00
Southport Red Globe	.20	.60	2.00



Ideal Rows of Early Ozark

**PEAS**

**EXTRA EARLY DWARF VARIETIES**

Packets 5c and 10c

	Pint.	Quart.	Peck.
Early Bird, packet 15c	\$.35	\$.60	\$3.75
100% Profit	.35	.60	4.00
Little Marvel	.20	.30	2.50
American Wonder	.20	.30	2.00
Extra Early Premium Gem	.20	.30	2.00
McLean's Little Gem	.20	.30	2.00
Not's Excelsior	.20	.30	1.85
Sutton's Excelsior	.25	.40	2.25
Tom Thumb	.20	.30	1.85

**EXTRA EARLY VARIETIES**

	Pint.	Quart.	Peck.
Long Podded Alaska	.25	.40	2.25
The Hustlers	.25	.40	2.25
Good Luck	.25	.40	2.25
Ex. Early Alaska	.25	.40	2.25
Ex. Early Triumph	.25	.40	2.25
Pedigree Ex. Early	.25	.40	2.25

Prolific Ey Market	.25	.40	2.25
Ameer	.25	.40	2.25
Bountiful	.25	.40	2.25
Ex. Early Nonpareil	.25	.40	2.25
Morning Star	.25	.40	2.25
First and Best	.25	.40	2.25
White Marrowfat	.20	.30	2.00
Philadelphia Ex. Early	.25	.40	2.25
Gradus or Prosperity	.20	.35	2.10
Imp. Sugar Marrowfat	.20	.30	1.85
Rural New Yorker	.20	.40	2.25
Thomas Laxton	.20	.35	2.10
French Canner's	.15	.20	1.65
Wonder Worker	.25	.40	2.25

**PEPPER**  
Packets 5c and 10c each

	Oz.	¼ Lb.	Lb.
Scarlet Mammoth	\$ .40	\$ 1.25	\$ 4.00
Chinese Giant	.40	1.25	4.00
New Metropolitan	.30	.85	3.00
Mammoth Ruby King	.35	1.00	3.50
Bell or Hot Bull Nose	.25	.85	2.75
Sweet Bull Nose	.35	1.00	3.50
Sweet Mountain	.35	1.00	3.50
True Red Chili	.25	.85	2.75
Long Red Cayenne	.25	.85	2.75
Red Cherry	.25	.85	2.75



CLUSTER OF HERBERT RASPBERRIES (Kindness of "Rural Life" Rochester, N. Y.)

**SECOND EARLY AND GENERAL CROP VARIETIES**

	Pint.	Quart.	Peck.
Cracker Jack	.25	.40	2.25
Horsford's Market Gardeners'	.20	.35	2.10
Dwarf Giant Podded Prolific	.25	.40	2.25
Shropshire Hero	.20	.35	2.25
Champion of England	.25	.40	2.25
Gardener's Favorite	.20	.35	2.10
Telephone Improved	.25	.40	2.25
Everbearing	.20	.35	2.10
Daisy or Dwarf Telephone	.25	.45	2.75
Dwarf Champion	.20	.35	2.25
Heroine	.20	.35	2.10
Juno	.20	.35	2.25
Abundance	.20	.35	2.10
Alderman	.20	.35	2.25
Duke of Albany	.20	.35	2.25
Edible Podded or Sugar	.25	.40	2.50

**RADISH EXTRA EARLY ROUND VARIETIES**

	Oz.	¼ Lb.	Lb.
Tip Top White Tip	.10	.40	.75
Strawberry Radish	.10	.20	.60
Ruby King	.10	.20	.60
Solid Crimson King	.10	.20	.60
Scarlet Turnip White Tip	.10	.15	.40
Rosy Gem	.10	.15	.40
Early Snowball	.10	.15	.40
French Breakfast	.10	.15	.40
Taits Favorite Forcing	.10	.15	.45
New Sparkler	.10	.20	.50
Round Scarlet Globe	.10	.15	.45
Lexington Market	.10	.20	.50
Crimson Giant Globe	.10	.20	.50
Early White Olive	.10	.15	.45
Felton's Model	.10	.15	.45
Prussian Globe	.10	.15	.45

**EARLY LONG VARIETIES**

	Oz.	¼ Lb.	Lb.
Early Long Scarlet Short Top	.10	.15	.35
New Long Red Glass	.10	.20	.60
Cincinnati Market	.10	.15	.40
Wood's Early Frame	.10	.15	.40
White Pearl Forcing	.10	.20	.60
New White Icicle	.10	.15	.40
Lady Finger	.10	.15	.40
New White Delicacy	.10	.15	.40
Half Long Deep Scarlet	.10	.15	.35



**SUMMER and AUTUMN VARIETIES**

	Oz.	¼ Lb.	Lb.
New White Strasburg .....	.10	.15	.40
Large White Globe .....	.10	.15	.40
Giant White Stuttgari .....	.10	.20	.50
Chartier or Shepherd .....	.10	.15	.45
Golden Globe Summer .....	.10	.15	.40

**WINTER VARIETIES**

	Oz.	¼ Lb.	Lb.
Chinese Celestial .....	.10	\$.20	\$.50
Chinese Rose .....	.10	.15	.45
Round Black Spanish .....	.10	.15	.45
Long White Spanish .....	.10	.15	.45
New Osaka .....	.10	.15	.45
Round White Spanish .....	.10	.15	.45
Long Black Spanish .....	.10	.15	.45

**SQUASH**

Packets 5 and 10c each

**BUSH VARIETIES**

	Oz.	¼ Lb.	Lb.
Extra Early Dawn .....	\$.15	\$.35	\$1.00
Early Jersey White .....	.10	.25	.75
Long Island White .....	.10	.25	.75
Patty Pan .....	.10	.25	.75
White Bush Scalloped .....	.10	.25	.75
Yellow Bush Scalloped .....	.10	.20	.60
Golden Summer Crookneck ..	.10	.25	.75

**RUNNING VARIETIES**

	Oz.	¼ Lb.	Lb.
Orange Marrow .....	\$.10	\$.20	\$.50
Boston Marrow .....	.10	.20	.50
Golden Hubbard .....	.10	.25	.75
True Hubbard .....	.10	.25	.75
Chicago Warty Hubbard .....	.10	.25	.85
Crookneck or Cushaw .....	.10	.25	.75

**PUMPKINS**

Packets 5 and 10c each

	Oz.	¼ Lb.	Lb.
King of the Mammoth .....	\$.10	\$.25	\$.85
Golden Oblong .....	.10	.20	.50
Small Sugar .....	.10	.20	.45
Connecticut Field .....	.10	.15	.35
Kentucky Large Field .....	.10	.15	.35
Winter Luxury .....	.10	.20	.50
Striped Cushaw .....	.15	.35	1.00
Sweet Potato .....	.10	.20	.50
Large Cheese .....	.10	.15	.40

**SALSIFY or VEGETABLE OYSTER**

Packets 5 and 10c each

	Oz.	¼ Lb.	Lb.
Great Giant .....	\$.15	\$.50	\$1.75
Sandwich Mammoth White ..	.15	.45	1.65

**SPINACH**

Packets 5 and 10c each

	Oz.	¼ Lb.	Lb.
Curled Leaf Savoy (Imported)	\$.15	\$.35	\$1.25
Curled Long Standing .....	.15	.35	1.25
New Victoria .....	.15	.35	1.25
Curled Leaf Savoy (American)	.15	.35	1.25
Mammoth Seeded Curled Savoy (Imported) .....	.15	.35	1.25
Mammoth Seeded Curled Savoy (American) .....	.15	.35	1.25
Long Season .....	.15	.35	1.25
Long Standing Thick Leaved	.15	.35	1.25
Monstrous or Viroflay .....	.15	.35	1.25
New Triumph .....	.15	.35	1.25
Ey. Giant Thick Leaved .....	.15	.35	1.25
New Zealand .....	.15	.35	1.25

**TOMATO**

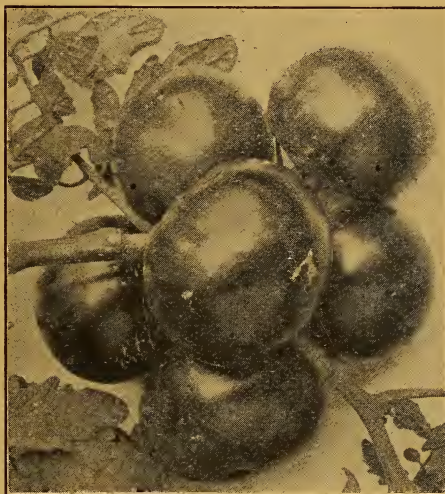
**RED VARIETIES**

**TOMATO**

Packets 5 and 10c

	Oz.	¼ Lb.	Lb.
New Glory, packet, \$1.00 .....	\$4.00	\$....	\$....
John Baer, packets 10c and 25c	1.00	\$2.75	\$10.00
Prosperity, packet 10c .....	.65	2.00	7.50
I. X. L., packet, 10c .....	.30	.90	3.50
Maryland, packet 10c .....	.30	.90	3.50
Greater Baltimore, packet 10c	.30	.90	3.50
Ex. Early Wealthy, packet 10c	.25	.85	3.00
Florida Special, packet 10c ..	.25	.85	3.00
Chalk's Early Jewel, packet 10c	.25	.75	2.50
Spark's Earliana, packet 10c ..	.25	.75	2.50

Spark's (special), packet 10c ..	.35	1.00	3.50
Earliest of All, packet 10c .....	.25	.75	2.50
Bolgiano's Best .....	.25	.75	2.50
New Century .....	.25	.75	2.50
New Red Rock .....	.25	.75	2.50
Dwarf Stone .....	.25	.75	2.50
Bonny Rest .....	.25	.85	3.00
New Stone (selected) .....	.20	.60	2.00
New Stone (special) .....	.25	.85	3.00
Wade or Kelly Red .....	.25	.85	2.50
King of the Earlies .....	.25	.75	2.50
New Queen .....	.20	.60	2.00
New Matchless .....	.20	.60	2.00
Maul's Success .....	.20	.60	2.00
Livingston's Paragon .....	.20	.60	2.00
Livingston's Favorite .....	.20	.60	2.00
Dwarf Aristocrat .....	.25	.75	2.50
Perfection .....	.20	.60	2.00
Ten Ton .....	.20	.60	2.00
Trophy .....	.20	.60	2.00
Enormous .....	.25	.85	3.00
Brinton's Best .....	.20	.60	2.00
World's Fair .....	.20	.60	2.00
New Freedom .....	.25	.60	2.00
Ponderosa .....	.35	1.00	3.50
Atlantic Prize .....	.25	.75	2.50



Earliana Tomato

**PINK VARIETIES**

	Oz.	¼ Lb.	Lb.
Duke of York .....	\$.20	\$.60	\$2.00
Duke of York (special) .....	.25	.85	3.00
Early Detroit .....	.25	.75	2.50
Royal Purple Globe .....	.25	.75	2.50
Prizetaker .....	.20	.60	2.00
Dwarf Champion .....	.25	.75	2.50
Dwarf Champion (selected) ..	.35	.90	3.50
Redfield Beauty .....	.20	.60	2.00
Livingston's Globe .....	.25	.85	3.00
Livingston's Globe (special) ..	.30	.90	3.50
Pink Giant .....	.25	.75	2.50
Livingston's Beauty .....	.20	.60	2.00
June Pink .....	\$.25	\$.85	\$3.00
June Pink (selected) .....	.30	.90	3.50
Burpee's Earliest Pink .....	.25	.75	2.50
Improved Acme .....	.20	.60	2.00
Ex. Early Climax .....	.20	.60	2.00
Crimson Cushion .....	.25	.75	2.50

**YELLOW VARIETIES**

	Oz.	¼ Lb.	Lb.
Golden Eagle .....	\$.30	\$.85	\$3.00
Pear Shaped .....	.25	.75	2.50
Plum Shaped .....	.25	.75	2.50
Golden Queen .....	.25	.75	2.50
Peach (yellow) .....	.25	.75	...
Cherry (yellow) .....	.25	.75	...
Pink Peach .....	.25	.75	2.50
Red Cherry .....	.25	.75	...
Red Pear .....	.25	.75	...
Red Plum .....	.25	.75	...
Red Peach .....	.25	.75	...

**GARDEN TURNIPS**

	Oz.	¼ Lb.	Lb.
Packets 5c and 10c each.			
Red Top White Globe.....	\$.10	\$.15	\$.40
Purple Top White Strap Leaf.....	.10	.15	.35
Purple Top Ruta Baga.....	.10	.20	.50
Southern Seven Top.....	.10	.15	.35
White Egg.....	.10	.15	.40
Ey. White Flat Dutch.....	.10	.15	.35
Purple Top Yellow Aberdeen.....	.10	.15	.35
Yellow Globe.....	.10	.15	.35
Southern Prize or Dixie.....	.10	.15	.35
White Glove Strap Leaf.....	.10	.15	.35
Ex. Ey. White Milan.....	.10	.20	.50
Purple Top Milan.....	.10	.20	.50
White Norfolk.....	.10	.15	.35
Pomeranian White Globe.....	.10	.15	.35
Amber Globe.....	.10	.15	.35
Sweet German.....	.10	.15	.45
Cow Horn.....	.10	.20	.60
Golden Ball.....	.10	.15	.35
Yellow Stone.....	.10	.15	.35
Long White French.....	.10	.15	.45

**SEEDS OF HERBS**

	Pkts.	Oz.	¼ Lb.	Lb.
Anise.....	5 and 10c	\$.10	\$.30	\$1.00
Basil Sweet.....	5 and 10c	.25	.75	2.25
Bene.....	5 and 10c	.20	.50	1.50
Caraway.....	5 and 10c	.10	.20	.65
Chicory.....	5 and 10c	.35	1.25	4.00
Chives.....	5 and 10c	.50	1.90	7.50
Coriander.....	5 and 10c	.10	.20	.65
Mammoth Dill.....	5 and 10c	.20	.70	2.50
Sweet Fennel.....	5 and 10c	.10	.25	.75
Horehound.....	5 and 10c	.35	1.25	4.75
Lavender.....	5 and 10c	.15	.40	1.50
Sweet Marjoram.....	5 and 10c	.60	2.15	8.25
Martynia.....	5 and 10c	.30	.90	3.00
Rosemary.....	5 and 10c	.35	1.25	4.80
Sage.....	5 and 10c	.15	.40	1.50
Sorrell.....	5 and 10c	.10	.30	1.00
Summer Savory.....	5 and 10c	.40	1.50	5.50
Broad Leaf Thyme.....	5 and 10c	.35	1.25	4.50

**MUSHROOM SPAWN**

Best English Mill Track Spawn.

Brick of ¼ lbs., 15c; 10 lbs., \$1.00; 25 lbs., \$2.50; 100 lbs., \$8.50.

**GRASS AND CLOVER SEEDS, ETC.**

Mixtures for Hay and Pastures.

**MIXTURE FOR PERMANENT PASTURES**

- No. 1—For light dry, gravelly or sandy soils. 1 lb., 20c; 10 lbs., 19c lb.; 100 lbs., 18c lb.
- No. 2—For good loam soil. 1 lb., 20c; 10 lbs., 19c lb.; 100 lbs., 18c per lb.
- No. 3—For heavy loam or clay soils. 1 lb., 20c; 10 lbs., 19c lb.; 100 lbs., 18c per lb.
- No. 4—For moist bottom land. 1 lb., 20c; 10 lbs., 19c per lb.; 100 lbs., 18c per lb.
- No. 5—For wet bottom land. 1 lb., 20c; 10 lbs., 19c lb.; 100 lbs., 18c lb.

**MIXTURES FOR MOWING FOR HAY.**

- No. 6—For light dry, gravelly or sandy soils. 1 lb., 20c; 10 lbs., 19c per lb.; 100 lbs., 18c per lb.
- No. 7—For good loam soils. 1 lb., 20c; 10 lbs., 19c per lb.; 100 lbs., 18c per lb.
- No. 8—For heavy loam or clay soils. 1 lb., 20c; 10 lbs., 19c per lb.; 100 lbs., 18c per lb.
- No. 9—For moist bottom lands. 1 lb., 20c; 10 lbs., 19c per lb.; 100 lbs., 18c per lb.
- No. 10—Shady Noct. Meadow Mixture. 1 lb., 20c; 10 lbs., 19c per lb.; 100 lbs., 18c per lb.
- Tall Meadow Oat Grass (11 lbs. to bushel. "Gold" Brand, 1 lb., 25c; bu., \$2.25.
- Orchard Grass (14 lbs. to bushel). "Gold" Brand, 1 lb., 25c; bu., \$2.75.
- Timothy (45 lbs. to bushel). Gold Brand (best), 15c per lb; bushel, \$3.25.
- Timothy, Silver Brand (next best). 13c per lb.; \$3.00 per bu.
- Timothy and Alsike Mixed, Gold Brand. 15c per lb.; 50 lbs., 10c per lb.
- Kentucky Blue Grass (14 lbs. to bushel), Gold Brand. 1 lb., 20c; bu., \$2.00.
- Canada Blue Grass (14 lbs. to bushel). Gold Brand. 1 lb., 20c; bu., \$1.65.
- Red Top or Herd's Grass, Gold Brand. 1 lb., 20c; 10 lbs. or over, 15c per lb.
- English Blue Grass (Randall or Meadow Fescue). 20c per lb.; bu. of 24 lbs., \$3.50.
- Sudan Grass. 1 lb., 60c; 10 lbs., 55c per lb.; 100 lbs. or over, 50c per lb.
- Wood Meadow Grass. 1 lb., \$1.00.

- Creeping Bent Grass. 1 lb., 60c.
- Crested Dog's Tail. 1 lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.
- Rhode Island Bent Grass. 1 lb., 60c.
- Meadow Foxtail. 1 lb., 50c.
- Rough Stalk Meadow Grass. 1 lb., 45c.
- Fine Leaved Fescue. 1 lb., 50c.
- Sweet Vernal.. 1 lb., 75c.
- Various Leaved Fescue. 1 lb., 50c.
- Sheep Fescue. 1 lb., 50c; bushel of 12 lbs., \$6.00.
- Hard Fescue. 1 lb., 50c; bushel of 12 lbs., \$6.00.
- Bermuda Grass. 1 lb. or over, 50c per lb.
- Giant Spurry. 1 lb., 25c; 10 lbs. or over, 20c per lb.
- Awnless Broom Grass. 1 lb., 20c; bu. of 14 lbs., 2.75.
- Red or Creeping Fescue. 1 lb., 40c; bushel of 14 lbs., \$5.00.
- Tall Fescue. 1 lb., 50c.

**MILLETS**

- German or Golden Millet. Peck, 75c; bu. of 50 lbs., \$2.50.
- Hungarian Millet. Peck, 75c; bu. of 50 lbs., \$2.50.
- Japanese Millet. 10 lbs., 55c; 100 lbs., \$5.00.
- Pearl or Cattail Millet. 1 lb., 35c; 10 lbs. at 30c per lb.; 100 lbs. at 25c per lb.

**RYE GRASSES**

- English or Perennial. 1 lb., 15c; pk., 75c; bu. of 24 lbs., \$2.40; 100 lbs., \$9.00.
- Italian Rye Grass. 1 lb., 15c; peck, 75c; bu. of 18 lbs., \$2.25; 100 lbs., \$10.00.
- Pacey's Short Seeded Perennial. 1 lb., 15c; 100 lbs., \$10.00.

**CLOVERS**

- Alfalfa. 1 lb., 20c; bu. of 60 lbs., \$10.00. Gold Brand.
- Medium Red Clover. 22c per lb.; bu. of 60 lbs., \$12. Gold Brand.
- Mammoth Clover. 24c per lb.; bu. of 60 lbs., \$13. Gold Brand.
- Alsike Clover. Gold Brand, 22c per lb.; bu. of 60 lbs., \$12.00.
- Crimson Clover. Gold Brand. 1 lb., 15c; bu. of 60 lbs., \$9.50.
- White Clover. Gold Brand. 1 lb., 50c; 10 lbs. or over, 45c per lb.
- Japan Clover. Gold Brand. 1 lb., 25c; 10 lbs. or over, 20c per lb.
- White Blossom Sweet Clover. Gold Brand. 1 lb., 20c; bu. of 60 lbs., \$11.00. (Hulled)
- White Blossom Sweet Clover (not hulled). 1 lb., 20c; 10 or more lbs., 18c per lb.
- Yellow Blossom Sweet Clover (Melilotus Indica). 1 lb., 15c; bu. of 60 lbs., \$7.50.
- Yellow Blossom Sweet Clover (Melilotus Officinalis). 1 lb., 20c; 1 bu. 60 lbs., \$11.00.
- Burr Clover (in the burr). Southern grown. 1 lb., 15c; bu. of 11 lbs., \$1.00.
- California Burr Clover (hulled). 1 lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.00.

**MISCELLANEOUS SEEDS**

- Velvet Beans. Bushel, \$2.50.
- Beggar Weed or Florida Clover.. 1 lb., 40c 10 lbs., \$3.50.
- Teosinte. Packet, 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.
- Dwarf Essex Rape. 1 lb., 20c; 10 lbs., \$1.50; 100 lbs., \$10.00.
- Flax. 1 lb., 10c; 1 peck, \$1.00; bu. of 56 lbs., \$3.25.
- Japanese Buckwheat. Peck, 75c; bu. of 45 lbs., \$2.00.
- Silver Hull Buckwheat. Peck, 75c; bu., \$2.00.
- Silver Gray Buckwheat. Peck, 75c; bu., \$2.00.
- Black Buckwheat. Peck, 75c; bu., \$2.00.
- Speltz or Emmer. Peck, 50c bu. of 40 lbs., \$1.50.
- Russian Sunflower. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$6.00.
- Spring Rye. Peck, 75c; bushel of 56 lbs., \$2.25.
- Cow Horn Turnips. 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs. or over, 55c per lb.
- Barley. Peck, 65c; bu. of 48 lbs., \$2.00.
- Hairy Vetch (winter). 1 lb., 20c; 10 lbs. or over, 18c per lb.
- Spring Vetches or Tares. 1 lb., 15c; 10 lbs., \$1.20; 100 lbs., \$8.00.
- Oregon Vetch. 1 lb., 15c; 10 lbs. or over, 12c per lb.; 100 lbs., \$8.00.
- Canada Field Peas. Peck, \$1.00; bushel of 60 lbs., \$3.50.
- SEED OATS**
- 90-Day Oats. Peck, 40c; bu. of 32 lbs., \$1.25.
- Virginia Gray Winter. Peck, 40c; bu., \$1.25.
- Red Rust Proof. Peck, 40c; bu., \$1.25.
- White Spring Oats. Peck, 35c; bu., \$1.25.
- Appler. Peck, 40c; bu., \$1.25.
- Bancroft Oats. Peck, 40c; bu., \$1.25.
- Swedish Oats. Peck, 40c; bu., \$1.35.

**COW PEAS**

Mixed Cow Peas. Peck, 85c; bu., \$3.00.  
 New Era. Peck, 75c; bu., \$3.00.  
 Black Cow Peas. Peck, 75c; bu., \$3.00.  
 Clay Peas. Peck, 85c; bu., \$3.00.  
 Whip Poor Will. Peck, 85c; bu., \$3.00.  
 Wonderful. Peck, 85c; bu., \$3.00.  
 Shinney. Peck, 85c; bu., \$3.00.  
 Black Eye. Peck, \$1.00; bu., \$3.60.  
 Red Rippers. Peck, 85c; bu., \$3.00.  
 Gray Crowders. Peck, 85c; bu., \$3.00.  
 Groit. Peck, \$1.00; bu., \$3.25.

**SOY or SOJO BEANS**

Mammoth Yellow. Peck, 75c; bu., \$2.50.  
 Mammoth Black. Peck, 75c; bu., \$2.50.  
 Mammoth Brown. Peck, 75c; bu., \$2.50.  
 Early Hollybrooks. Peck, 85c; bu., \$3.00.  
 Wilson Black. Peck, 1.10; bu., \$4.00.  
 Pekin. Peck, \$1.10; bu., \$4.00.  
 Sable. Peck, \$1.10; bu., \$4.00.

**SEED CORN**

**YELLOW DENT VARIETIES**

	Pint	Qt.	Pk.	Bu.
Prosperity Yellow Dent ..	\$.15	\$.25	\$1.00	\$3.50
Improved Golden Dent...	.15	.25	.85	3.00
Mammoth Golden Beauty	.15	.20	.85	2.75
Reid's Yellow Dent .....	.10	.15	.75	2.50
Improved Leaming .....	.10	.15	.75	2.50
Iowa Gold Mine .....	.10	.15	.60	2.50
Long Prolific .....	.15	.20	.90	3.00
Pride of the North.....	.10	.15	.75	2.50

**WHITE VARIETIES**

	Pint	Qt.	Pk.	Bu.
White Prolific .....	\$.15	\$.25	\$.90	\$3.00
Hickory King .....	.10	.15	.75	2.50
Cuban Giant Ensilage....	.10	.15	.65	2.25
Collier's Excelsior .....	.15	.25	1.00	3.25
Iowa Silver Mine .....	.15	.25	.90	3.00
Red Cob, 90-Day .....	.15	.25	.85	2.75
Maryland White .....	.10	.15	.75	2.50
Blount's Prolific .....	.10	.15	.75	2.50
Boone County White .....	.15	.25	1.15	3.25
Evergreen Broom Corn ..	.10	.15	.75	2.50

**KAFFIR CORN**

White Kaffir Corn. 1 lb., 10c; peck, 75c; bu., \$1.75.  
 (Bu. 50 lbs.)  
 Red Kaffir Corn. 1 lb., 10c; peck, 60c; bu., \$1.75.  
 (Bu. 50 lbs.)  
 Early Amber Sorghum. 1 lb., 10c; peck, 75c; bu., \$2.50.  
 (Bu. 50 lbs.)  
 Early Orange Sorghum. 1 lb., 10c; 1 peck, 75c; bu., \$2.50.  
 (Bu. 50 lbs.)  
 Red and White Milo Maize... 1 lb., 10c; 1 peck, 60c; 1 bu., 50 lbs., \$1.75.  
 Feterita. Peck, 65c; bu., \$2.00.

**SWEET PEAS**

**TEN SUPERB NEW SPENCERS**

	Pkts.	Oz.	¼ Lb.	Lb.
Marie Corelli Spencer...	5 & 10c	\$.35	\$1.00	\$3.00
Mrs. Routzahn Spencer...	5 & 10c	.25	.75	2.50
Senator Spencer .....	5 & 10c	.25	.75	2.50
True Countess Spencer...	5 & 10c	.30	.90	2.75
Aurora Spencer .....	5 & 10c	.25	.75	2.50
Apple Blossom Spencer...	5 & 10c	.25	.75	2.50
Mrs. Hugh Dickson .....	5 & 10c	.25	.75	2.50
Blanche Ferry Spencer...	5 & 10c	.30	.90	2.75
White Spencer .....	5 & 10c	.30	.90	2.75
Ata Ohn Spencer .....	5 & 10c	.25	.75	2.50

**OTHER RARE AND BEAUTIFUL**

**SPENCERS**

	Pkts.	Oz.	¼ Lb.	Lb.
America Spencer .....	5 & 10c	\$.25	\$.75	\$2.50
Florence Morse .....	5 & 10c	.30	.90	2.50
Ruby Spencer .....	5 & 10c	.30	.90	2.75
Primrose Spencer .....	5 & 10c	.25	.75	2.50
Loyalty .....	5 & 10c	.30	.90	3.00
Maud Holmes .....	5 & 10c	.25	.75	2.50
Florence Nightingale ..	5 & 10c	.30	.90	3.00
George Herbert .....	5 & 10c	.25	.75	2.50
Helen Lewis Spencer...	5 & 10c	.25	.75	2.50
Mrs. Walter Wright Spencer .....	5 & 10c	.25	.75	2.50
Gorgeous Mixed Grandiflora.	5 & 10c	.10	.25	.75
Tall Growing Sweet Peas	5 & 10c	.10	.25	.75
Gigantic Orchid Spencer				
Type Mixed .....	5 & 10c	.20	.50	1.75
New Spencer Sweet Pea "Fiery Cross," the color of fire. Packet, 25 cents.				

**IMPORTANT** Prices of all Grass, Farm Seeds, &c., are liable to fluctuate from day to day. Prices given here are not exact, but what we believe will prevail in most cases when you order. If you send too much money for what your order calls for, we will return it. If your order amounts to more than the money remitted, we will send the quantity which it will pay for at time order is received.

**NEPONSET WATER-PROOF PAPER FLOWER POTS**  
**Lower In Cost Than Earthen Pots and Unbreakable**

For over twenty years florists, nurserymen and market gardeners have used the NEPONSET Flower Pot with entire satisfaction. The pot eliminates the troubles and loss caused to shippers of plants and nursery stock in clay pots.

The savings to shippers are three-fold—  
 First—The pots are much cheaper, and owing to their light weight greatly reduce expressage.

Second—There is no loss from broken pots.

Third—The waterproof nature of the NEPONSET Pot prevents rapid drying of earth as in the old style clay pot—an important point with shippers. They hold the earth and roots firmly, require little time to prepare for shipment, allow ample drainage and air.

NEPONSET Waterproof Paper Flower Pots are made from a tough, lasting and thoroughly waterproof paper which will stand exposure to the weather for a long time. The pots may be used over and over again for transplanting and similar uses. In fact the pots can be used in every way that earthenware pots are used.

For transplanting and shipping potted plants, and for rotting and shipping strawberry, tomato and cabbage plants, NEPONSET Waterproof Pots are almost ideal.

You will never know until you have tried them, what convenience and economy these pots give for all flower pot uses.

Send for a sample and try it in your own work.

**WEIGHTS AND SIZES**

NEPONSET Pots nest closely for shipment, and one thousand three-inch only weigh as much as one hundred and ten clay pots. The freight is, therefore, a very small item. NEPONSET Pots, packed for shipment in cases, weigh:

1,000 2¼-inch pots, 14 pounds
1,000 2½-inch pots, 17 pounds
1,000 3-inch pots, 28 pounds
1,000 3½-inch pots, 37 pounds
500 4-inch pots, 22 pounds
500 5-inch pots, 38 pounds
500 6-inch pots, 53 pounds

These pots are nested and packed in crates of 1,000 each, except 4, 5 and 6-inch sizes, which are put up in crates of 500 each.

2¼-inch pots per 1,000.....	\$ 2.42
2½-inch pots per 1,000.....	2.78
3-inch pots per 1,000.....	3.82
3½-inch pots per 1,000.....	5.24
4-inch pots per 1,000.....	6.60
5-inch pots per 1,000.....	10.96
6-inch pots per 1,000.....	14.68

**EARTHEN FLOWER POTS**

The 2¼ and 2½-inch size are used in potting strawberry plants.

**STANDARD POTS**

Size	Price per 1000	Number in crate	Price per crate
1¼-inch.....	\$ 7.50	3000	\$22.50
2-inch.....	7.50	2400	18.00
2½-inch.....	8.50	1750	14.83
2½-inch.....	10.00	1450	14.50
3-inch.....	13.00	1280	16.64
3½-inch.....	16.00	800	12.80
4-inch.....	20.00	600	12.00
4½-inch.....	27.00	450	12.15
5-inch.....	36.00	315	11.34
5½-inch.....	45.00	250	11.25
6-inch.....	54.00	200	10.80
7-inch.....	90.00	120	10.80
8-inch.....	130.00	66	8.58
9-inch.....	200.00	40	8.00
10-inch.....	270.00	32	8.64
12-inch.....	550.00	20	11.00
14-inch.....	900.00	10	9.00
16-inch.....	2000.00	6	12.00

## AZALEA OR THREE-QUARTER POTS

Size	Price per 1000
5 inch	\$ 36.00
6 inch	54.00
7 inch	90.00
8 inch	130.00
9 inch	200.00
10 inch	270.00
12 inch	550.00

## HANGING BASKETS

Size	Price per doz.
8 inch diameter	\$2.50
8½ inch diameter	3.00
9½ inch diameter	3.50
11 inch diameter	4.00

## SEED AND BULB PANS

Size	Price per 1000
4 inch, round	\$ 20.00
5 inch, round	36.00
6 inch, round	54.00
7 inch, round	90.00
8 inch, round	130.00
9 inch, round	200.00
10 inch, round	270.00
12 inch, round	550.00

14 inch round	900.00
16 inch round	2,000.00

We do not make square Seed Pans.

## FLOWER POT SAUCERS TO FIT POTS

Size	Price per doz.
3 inch	\$ 1.20
4 inch	1.50
5 inch	2.00
6 inch	3.00
7 inch	4.00
8 inch	5.50
9 inch	7.50
10 inch	9.00
12 inch	13.50
14 inch	22.50
16 inch	33.50

## ROSE POTS

Size	Price per 1000
2 x3 inches	\$ 9.00
2¼x3¼ inches	11.00
2½x3¼ inches	14.00

## - CUT FLOWER VASES

Size	Price per 100
4½x9 inches	\$20.00
6 x10 inches	25.00

All prices are F. O. B. Syracuse, N. Y.

## FARMER'S BOOKS AND ESSAYS

"FARMER ON THE STRAWBERRY"—One hundred pages, nearly 40 beautiful half tone illustrations. Written by L. J. Farmer, who has spent his life among strawberries and small fruits. Nearly 25,000 copies of this book have been sold. This is the third and last edition. Price, 50 cents, postpaid.

## SOME OF THE TOPICS TREATED

Origin of the Strawberry.  
The Different Species.  
Who Ought to Grow Strawberries.  
The Profits of Strawberries  
Strawberry Culture as a Side Issue.  
Location of the Strawberry Bed.  
Preparation of the Soil.  
Plants and How to Procure Them.  
Taking Up and Fixing the Plants Ready to Set.  
What to Do With Plants from the Nursery.  
Setting Out the Plants.  
Hand Cultivation.  
Horse Cultivation.  
Training of the Runners.  
Sex of the Strawberry.  
Fertilizers for Strawberries.  
Insect Enemies of Strawberries.  
Fungous Diseases.  
Winter Protection.  
Spring Care of Plants.  
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"The New Strawberry Culture."

Fall Setting of Strawberry Plants.  
Pickers and How to Get Them.  
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The Variety Question.  
Growing Exhibition Berries.  
Raspberry Culture.  
Blackberry Culture.  
Blackberry Culture.  
Currant and Gooseberry Culture.  
Questions and Answers.  
Wintering Strawberries.  
How to Prolong the Strawberry Season.  
What is a Good Day's Work?  
Covering Strawberry Plants with Earth.  
The Fellow Who Kills the Market.  
The Strawberry is a Modern Fruit.  
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Picking Berries on Shares.  
Teach Others to Do It.  
Weeding Strawberry Beds in Spring.  
The Woes of the Introducer.

Cultural Directions for Beginners.  
'Fall Bearing Strawberries.'  
How Fall Strawberries Differ from Other Kinds.  
Treatment of Fall Strawberries.  
Picking Fall Strawberries.  
Marketing Fall Strawberries.  
Our Experience with Fall Strawberries in 1910 and 1911.  
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Cost of Growing Fall Strawberries.  
Yields and Returns.  
Varieties of Fall Strawberries.  
How to Produce New Varieties.  
Some Observations.  
What Will the Outcome Be?  
Exhibiting Strawberries at Fairs, Exhibitions, and the Like.  
Testimonials from Leading Authorities.  
Practical Suggestions on Marketing Berries.  
Strawberries for Christmas.  
"The Man With the Hoe."

Price of "Farmer on the Strawberry," 50c postpaid. Those who order goods from this catalogue to the amount of \$2.00, can have the book for 25c. We give the book free with all orders amounting to \$10 or more. We do not send the book on approval this year, as the supply of the last edition is nearly exhausted and on account of the high price of paper, we do not expect to publish a new edition for some time.

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How to Grow Strawberries in a barrel. Tells all the secrets. Price, 10c.  
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The Proper Handling of Small Fruit Plants. This tells the duty of the nurseryman, and what the planter must do in order to have his plants live and grow. Price, 10c.

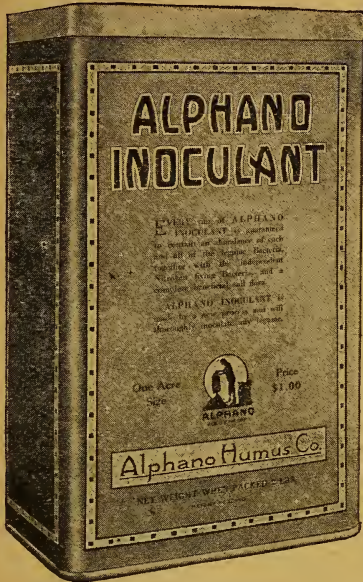
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## CULTURE

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Alphano Inoculant comes in two and twenty pound cans for one and ten acres inoculating.

# ALPHANO INOCULANT

## THE ALL-IN-ONE-NITROGEN GATH- ING INOCULANT FOR OVER 28 LEGUMES

ONE can of Alphano Inoculant contains all the nitro-gathering and fixing bacteria necessary to abundantly inoculate your seed and soil for all the twenty-eight legumes, such as alfalfa, clover, peas, beans and the like. Does away entirely with the necessity of buying a separate culture for each legume.

Alphano Inoculant is also teeming with nitrogen-gathering and soil-digesting bacteria which work independently of the legumes and thus benefit all crops.

One dollar's worth of Alphano Inoculant may add forty dollars worth or more of available nitrogen to each acre of soil treated. It comes to you in finely granulated form, easy, simple and convenient to use. This is ideal for the bacteriologist, providing sufficient moisture and air, something impossible in a jelly medium. They are guaranteed to keep alive and active for two years.

Proper bacteria are just as essential for success with legumes as lime, for tillage. You remove this source of possible failure with Alphano Inoculant.

### Prices:

One Acre Size	Ten Acre Size
Net Weight of Can	Net Weight
2 pounds	20 pounds
Price, \$1.00	Price, \$8.00

L. J. FARMER : : : : Representative

## HOW MUCH MOTHER WOULD LIKE ONE



Makes House Plants Bloom.

Let Your Wife See This.

Your Plants Will Surprise You

Also Two Extra Bulbs for Laundry Use, All \$1.00

An excellent hand plant sprayer to keep the insects and dust off and otherwise keep them healthful. Be sure to order.

## SPRAYING UNDER THE LEAVES KILLS THE INSECTS

A Cake of Tobacco Soap free with each Sprayer

PRICE  
**50 C.**  
FOR THE  
ROSE BUSHES  
AND  
GARDEN PLANTS

Will reach Vines ten feet high.  
Just lovely for the flower bed.  
If you like flowerers, you need this Sprayer.



FOR  
INDOOR  
SPRAYING  
UNDER  
THE  
LEAVES

A mist like spray covering every part of the plant,

THE THING LONG NEEDED  
Just what mother was long looking for.  
Excellent for seeds newly sown they will not wash out to the surface.

—LOCAL AGENTS WANTED—

**HAVE ONE COME WITH YOUR ORDER**

**"FLORAL" SPRAYER**



Fig. 1050

**"FLORAL" SPRAYER**

There is a place in every town and farm home for one of these bucket pumps for spraying and watering plants or bushes, white-washing chicken houses, cleaning automobiles and windows, spraying cattle or clearing gravity pipes.

Fig 1050 "Floral" is made of brass with malleable iron handle and foot rest, neatly finished in red and gold and packed in a strawboard box.

Pump complete with 3 feet of discharge hose and nozzle, as illustrated, price \$5.00.

**"MALTESE" WELL PUMP**

Fig. 510 is a complete pump for wells and cisterns not more than 25 feet. It may be used for deeper wells by lowering the cylinder.

This is a lift pump and will discharge water only at the spout.

The cylinder must be placed within 20 feet of the water. It is good practice to put it actually under water. When not submerged a foot valve should be used.

The pump is protected from frost by a drip hole in the connecting pipe. If the cylinder is lowered, the drip should be placed so that the water will drain below the frost line when the pump is not in use.

Fig. 510 ordinarily has a 3 inch iron cylinder but can also be furnished with smaller cylinder for very deep wells or larger cylinder for use when a pump of large capacity is wanted for watering stock from a shallow well. Brass lined cylinder if desired.

Price complete as illustrated, with iron cylinder .....\$6.50  
With brass lined cylinder ..... 8.00

This pump is intended for use over kitchen sinks for raising water from wells and cisterns not more than 20 feet deep. It is strongly built and well suited for outdoor service on shallow wells in warm climates.

The discharge is arranged for drawing water at the spout or forcing it through vertical pipe.

Fig. 510



**"HARVARD" BARREL SPRAYER**

Harvard mounted in Barrell



Fig. 975 Showing Outfit "X"

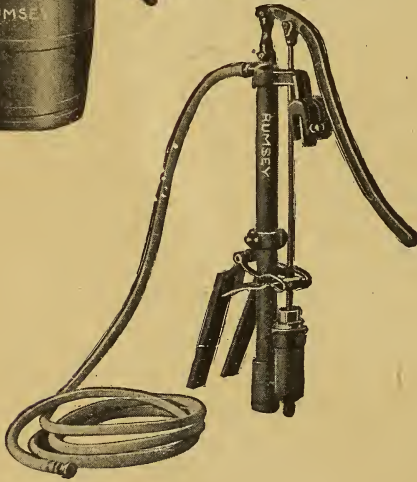


Fig. 975 "Harvard" is a very popular barrel pump for orchard, garden and field crop spraying. It is in every respect a high grade sprayer of simple design, reliable and serviceable.

Pump has bronze plunger, gland, valves, seats and strainer, mechanical agitator and steel air chamber. Clamps over edge of staves.

Capacity sufficient to supply two leads of hose and two nozzles.

Fig. 975—Pump with agitator and couplings. \$10.00  
Outfit "X"—With one 15 foot lead and nozzle 13.75  
Outfit "Z"—With two 15 foot leads and nozzles 17.00

Barrel, barrel cart, bamboo extensions, or additional lengths of hose at extra price.

**"FLORIDA" HOUSE PUMP**

Fig. 40



The "Florida" is neatly designed and attractively finished and is highly recommended as a pump of first quality which will give long and satisfactory service.

Fig. 40 has cock spout fitted for hose and vertical outlet for piping to upper floors. Suction and discharge for 1 1/4 inch iron pipes.

Size No. 0, with 2 1/2 inch iron cylinder.....\$9.25  
Or with brass lined cylinder.....11.50

## NORCROSS CULTIVATOR —HOES AND WEEDERS



are among the most modern tools for garden and flowers. They are light and strong and cultivate closer to plants without injuring them than any other kind of implement, leaving the soil level, loose and untrampled.

Cost but little more than the common hoe, accomplish much more and better work with less labor. They cultivate the soil.

Detachable steel prongs, malleable head, extra high grade handles.

### THREE SIZES AND PRICES

- 5-prong, 4-foot handle.....85c each
- 3-prong, 4-foot handle.....60c each
- "Midget" 9-inch handle.....30c each



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