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John Gardiner & Co.'s

1893



... Trade ...
Price-List of

The best Selected Vegetable
Seeds for Market
Gardeners.

The Choicest Strains of
Flower Seeds for Florists.

Bulbs, Implements,
Fertilizers, Etc.

John Gardiner & Co
Philadelphia

Offices and Warehouses,
21 North Thirteenth St., Phila.
Stock and Seed Farm, DOWNTOWN, PA.
Trial Grounds, RADNOR, PA.
Cable Address, "GARSEED" Philadelphia.
Telephone 2374.

Address all Correspondence to 21 North Thirteenth St., Phila., Pa.

REPORT OF
Committee on Bulbs and Seeds.
Society of American Florists
 ANNUAL CONVENTION, WASHINGTON, D. C., AUGUST, 1892.

“ We recommend that a **CERTIFICATE OF MERIT** [the highest award] be awarded to John Gardiner & Co., of Philadelphia, for uniform excellence of quality and the admirable manner in which their goods were displayed.

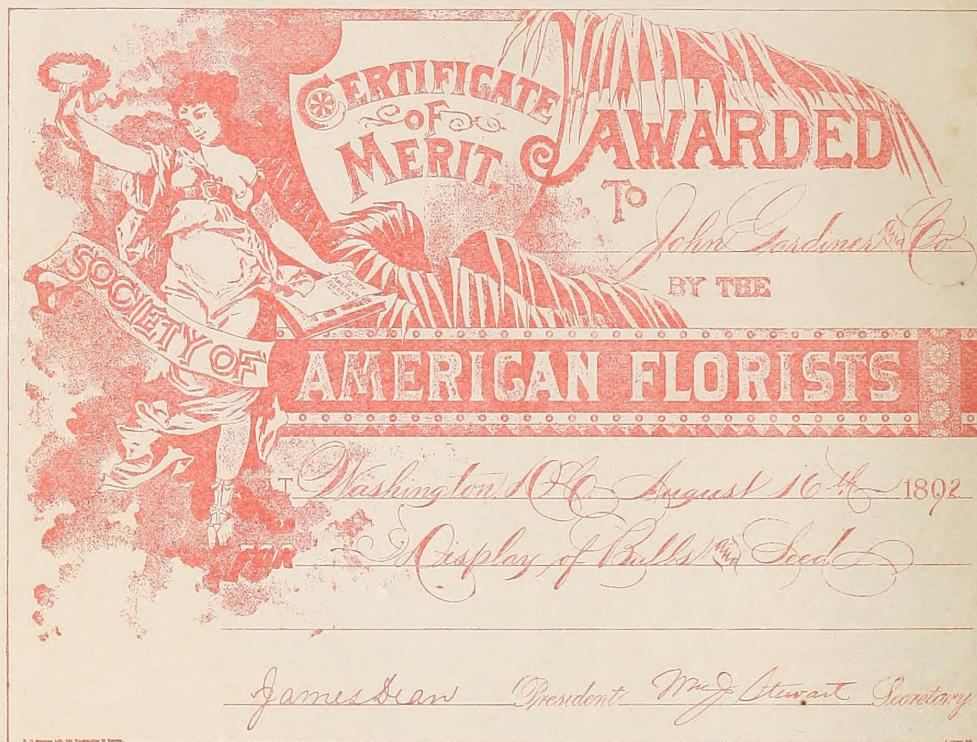
We further recommend that honorable mention be given to Z. De Forest Ely & Co., of Philadelphia, for general excellence of stock exhibited.

We also highly commend the collection displayed by Pitcher & Manda because of the varied collection and excellence of quality of bulbs and seeds.

We further ask that special mention be made of the display of Dutch Hyacinths by Hulsebosch Bros.”

(Signed.)

J. R. FREEMAN.
 EUGENE DAILLEDOUZE.
 S. J. COLEMAN.



BULBS AND SEEDS FOR FLORISTS OUR SPECIALTY.

Of the different kinds and conditions of men whom the seedsman supplies, the Commercial Florists are admitted to be the hardest to please and the most critical in the buying of their seeds and bulbs, and the seedsman who would succeed in building up a trade amongst them must do so by sheer merit of his stocks, by right prices and by right methods of doing business. To gain the confidence and patronage of these expert judges of QUALITY, is therefore no mean compliment, and the seedsman who can point to his clientage in this direction has a right to feel proud of the achievement.

That John Gardiner & Co. have succeeded in building up a business of the first magnitude among the best growers in the Florist Trade, and that also in the space of less than five years and in the face of the fiercest competition from the old established houses, is a record that they may well be proud of, and is convincing proof of the QUALITY of the stocks they handle and of their fair and square methods of doing business.

Messrs. Gardiner & Co. publish a special wholesale **Catalogue of Forcing Stock**, May 1st of each year, and this catalogue will be mailed to all in the trade on that date. Those who desire estimates on their wants in this line previous to May 1st, will please send a list for quotations by mail. All correspondence, etc., must be addressed to 21 N. 13th Street, **Philadelphia.**



WE have pleasure in submitting herewith our revised Wholesale Price-List of
GARDINER'S SEEDS

for 1893. The stocks offered may be relied on as quite up to the high standard of previous years and in some cases decided improvements have been attained.

As we have before stated, we aim to supply the very choicest stocks of the various sorts, knowing full well that a trade amongst growers can be built up on but one foundation, *i. e.*, **quality.**

Our extensive knowledge of the best sources of supply in all parts of the world, enables us to offer stocks of unsurpassed quality and our customers not only get reliable seeds by trading with us, but they can depend on buying at a moderate margin of profit as well. We do not mean by this that we sell choice seeds at a low price. A choice strain of any given species is not produced by chance. Neither is excellence of quality maintained without intelligent effort and the most vigilant care. Care and intelligence must be paid for and that explains the high cost of a choice strain. With us cost has always been a secondary consideration: quality comes first. But we do claim to sell at a moderate profit the choicest strains obtainable, and the measure of our success is evidenced by our large and constantly increasing trade amongst the most critical consumers all over the country.

Our growers in this country, as well as in England, France, Germany and elsewhere, are the foremost in their particular specialties, and we are constantly on the outlook for improvements and spare no expense nor trouble in placing same within reach of our customers.

SPECIAL MENTION.

In Vegetable Seeds our strains of Extra Early Peas, Long-Standing Spinach, Danvers Half-Long Carrot, Danvers Yellow Globe Onion, Early Wakefield and other Cabbages, Erfurt and Snowball Cauliflower, Forcing Radishes, Scotch Curly Kale, Boston Market Lettuce, Scotch Musselburgh Leek and Mushroom Spawn are acknowledged to be unsurpassed, and we solicit a trial order from those who have not already grown our strains of these items. In Flower Seeds, we would call attention to our Primulas, Asters, Cyclamen Giganteum, Mignonette, Cosmos, Verbena and other market plants, the strains of which we think we are justified in claiming to be equal to the most highly lauded and very much superior to most of what is now being generally offered.

Waiting your esteemed commands, and assuring you of our careful and prompt attention, we are,

Yours very truly,



Philadelphia, January 2, 1893.

John Gardiner & Co.

JOHN GARDINER & CO.'S

WHOLESALE

Price-List of Seeds, Bulbs, Etc.

SPRING, 1893.

TERMS OF BUSINESS.

PLEASE READ CAREFULLY.

THE PRICES quoted in this list are for *the trade only*, and are as low in price as is consistent with *the best quality*.

TERMS OF SALE.—Cash with order or references satisfactory to us, from unknown correspondents. Customers with approved credit, net cash 30 days. *Season Bills* of dealers, in garden seeds are due net at June 1st, irrespective of date of purchase. Potatoes, onion sets, grass and other agricultural seeds are not included in *season bills*, but are due net at 10 days, subject to sight draft without further notice.

DISCOUNTS FOR CASH.—On 30-day bills, one-half of 1 per cent. for cash in 10 days, from date of invoice. On garden-seed *Season Bills*, 1 per cent. per month for prepayment before due.

QUOTATIONS are made subject to stock being unsold on receipt of order. *Shipments* are made in good order and proper bills of lading taken therefor, after which our responsibility ceases. We call attention to this rule particularly in the case of *bulbs, onion sets and potatoes*, which are liable to suffer from excessive heat or cold in transit. We assume no responsibility after delivery to the carrier, and can allow no claims for damage.

EARLY ORDERS SOLICITED.—We solicit your order as soon after receipt of this list as possible.

ADDRESSING.—We would earnestly request all customers when sending orders to carefully fill in their full name and address, stating also their nearest express and freight offices. There are so many forgetful people who send orders and money without their names, that we deem this caution very important, owing to the fact that the recipients naturally get blamed for not shipping the order when they are entirely innocent—not knowing where to send.

ORDER SHEET.—For writing out orders the order sheet enclosed with Catalogue will be found more convenient than an ordinary sheet of paper, and by using the printed envelope, there is less danger of letters miscarrying.

REMITTING MONEY.—We receive postage stamps the same as cash, and postal notes are generally very convenient, but, when sending money, we recommend for safety, where possible, to remit either by registered letter, post office order, express order, or by draft on New York. Remittances sent in any of these four ways are absolutely safe, and we not only guarantee their safe arrival, but we will also bear the expense of so sending. The cost of remitting the money may be deducted from the amount sent. In making remittances be careful to send sufficient to cover the amount of goods ordered. In cases of short remittances, we will limit the shipment to the amount of money received. We are compelled to adopt this rule on account of the inconvenience and expense of collecting small balances. We never send goods C. O. D., unless one-fourth of the amount is sent as a guarantee of good faith. Goods cannot be sent C. O. D. by freight, neither can we send perishable goods or live stock C. O. D.

SHIPMENT OF ORDERS.—All orders are booked, assorted, and filed the day they are received, and despatched the day following, or a reason given for delay, if any should happen, which seldom occurs, as our excellent facilities and large force of skilled employes enables us to forward all orders promptly, even in the height of the busy season

CHANGE OF ADDRESS.—Should you make any change from your present address, we will esteem it a favor if you will notify us, so that we can forward our Catalogues with regularity.

RECOMMENDATION.—The favor of your kind recommendation of our firm to any friend in want of seeds or bulbs, is respectfully solicited.

ERRORS.—We take the utmost care in filling orders, always striving to do a little more than even-handed justice. Should an error occur, we desire to be promptly informed, and will take pleasure in making satisfactory corrections.

SATISFACTION GUARANTEED.—We realize most fully that in the seed business—more so than in any other—"a pleased customer is the best advertisement," and our undivided attention is given to satisfying our patrons so that they shall remain with us permanently. From past experience we are confident of our ability to please the most fastidious, and all we ask of those who have not yet dealt with us is to send us a trial order and be convinced of the superior quality of our seeds, and our fair and square method of doing business.

QUALITY.—Our seeds are **Fresh, Clean, Tested and Reliable**. Our facilities for handling seeds are unsurpassed, and we take the greatest precautions to avoid error—every safeguard that human ingenuity can devise in system and improved appliances is used, regardless of expense, to insure correctness.

COMMISSION SEEDS.

We do not commission seeds, as we believe a more satisfactory method to our customers and ourselves is to sell outright, either in bulk or assorted packages.

SEEDS IN PACKAGES.

Sealed packages of *beans*, *peas* and *corn*, containing each $\frac{1}{3}$ pint (retail price, 10 cents), will be furnished in any quantity at 60 cents per dozen. Pint or quart packages of beans, peas or corn will be furnished at bushel rates, with an addition of one cent for each package.

SEEDS IN PAPERS.

	Per 5000.	Per 3000.	Per 1000.	Per 100.
Full size papers	\$16.00	\$17.00	\$18.00	\$2.00
Half "	8.00	9.00	10.00	1.50

DISCOUNTS

FROM OUR RETAIL PRICES.

As we frequently receive orders from dealers for small quantities of seeds taken from our Retail Catalogue, and as these cannot be invoiced at the special bulk prices named in our Trade Catalogue, we will allow the following discounts on all such orders :

ALL SEEDS IN PACKETS, 50 per cent.

Except Novelties in original packets, which run from 10 to 25 per cent.

ALL SEEDS IN OUNCES, POUNDS, PINTS OR QUARTS, 33 $\frac{1}{3}$ per cent.

ALL BULBS AND PLANTS, 20 per cent.

"PLANET JR." IMPLEMENTS AND WIRE STANDS, 10 per cent.

FANCY POULTRY AND EGGS FOR HATCHING, 15 per cent.

BOOKS, 20 per cent.

GRASS SEEDS, 10 per cent.

COUNTER SHOW BOXES.

Our new style of Folding Box has proven very popular, as it admits of being readily folded up into small compass and put away when necessary. The No. 1 or Flower Seed Size costs 30 cents, and the No. 2 or Vegetable Seed Size, 50 cents. We sell them empty or stocked with a proper assortment of packets as desired. When packets to the amount of \$5.00 or over are ordered, a box to display same will be furnished, free of charge. We put full size packets in these cases unless otherwise ordered, and charge at the rate quoted above: \$2.00 per 100 for 5-cent packets. 10-cent packets are furnished at same ratio:—\$4.00 per 100. When packets are wanted in small quantity, to replenish stock, we furnish same at these rates (2 cents for 5's and 4 cents for 10's) but not less than 5 papers of any one kind. When smaller number of packets than 5 of a kind are ordered, we allow a discount of 50 per cent. off retail prices.

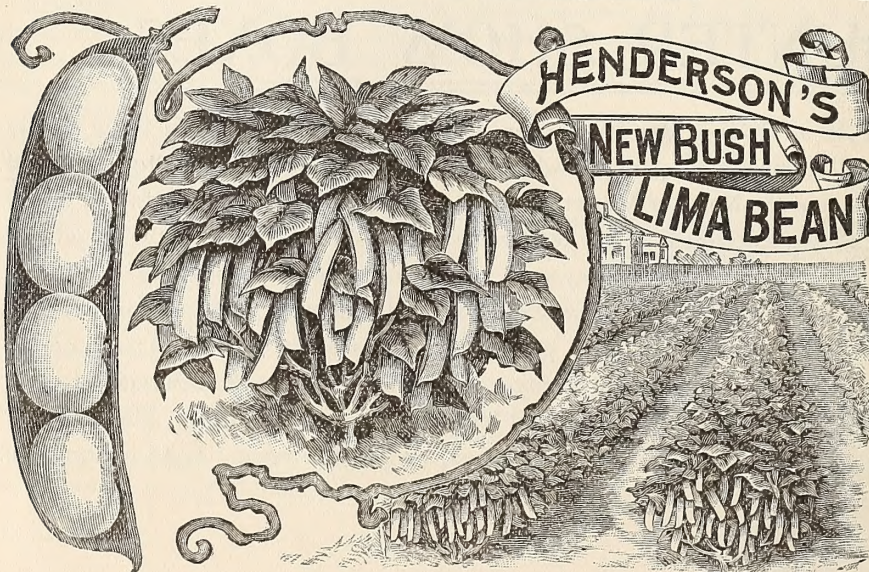
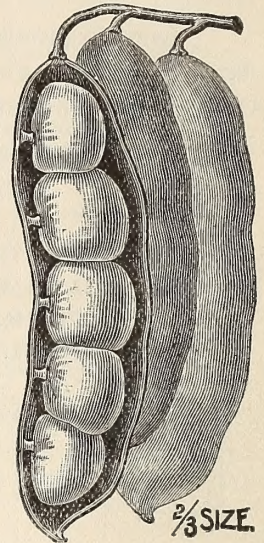
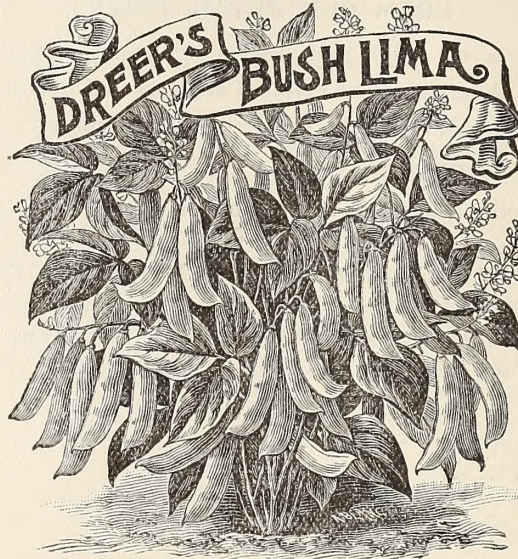
**BURPEE'S BUSH
LIMA BEAN.**

This is the only bush form of the true Large Lima and comes true from seed. Grows to a height of only 18 or 20 inches and branches so vigorously as to form a circular bush from 2 to 3 feet in diameter. An immense yielder and an exact counterpart in size and flavor and in all the good qualities that have made the Large Lima popular, and with the added advantage of requiring absolutely no poles. We have pleasure in being able to offer this sterling novelty to our customers this season, at a price which places it within reach of all. Packet, 15c.; 5 packets, 50c.; quart, \$1.25; ½ peck, \$4.00; peck, \$8.00; bushel, \$30.00.



**DREER'S BUSH
LIMA BEAN.**

A dwarf form of the Dreer's Improved Lima and possessing all the valuable qualities of that excellent sort. The quality like that of its parent is superior to all other Limas. Grows 2 feet in height, of vigorous branching habit and matures 10 days ahead of the Large Pole Lima. On account of its superior flavor, earliness and good bearing qualities, this variety is indispensable both for market purposes or home use. The crop this season has been very short and we can only offer in packets. Packet, 15c.; 4 for 50c.; \$10.00 per 100.



**Henderson's
Bush Lima
Bean.**

Introduced ahead of the two preceding bush varieties and consequently very widely known and very popular. It is a bush form of the Sieva or Southern Lima, grows 15 to 18 inches in height and matures about two weeks ahead of the Pole Lima. Very productive and of excellent quality. Quart, 25c.; peck, \$1.65; bushel, \$5.75; 10 bushels, \$5.50 per bushel.

JOHN · GARDINER · & · CO.'S

✧ Wholesale Price-List for 1893 ✧

SECT. 1. VEGETABLE SEEDS.

ARTICHOKE.

	Lb.	Oz.
Green Globe	\$2.00	\$.15
Jerusalem Artichoke (Tubers)	per bush., 2.00	

ASPARAGUS.

	Lb.
Conover's Colossal	\$.20

ASPARAGUS ROOTS.

	1000	100
Conover's Colossal, 2 year	\$4.50	\$.75
Barr's Mammoth	6.00	1.00

BEANS—BUSH.

Green-Podded Varieties.

	10-bush. lots.	Bush.	Peck.	Qt.
Improved Extra Early Red-Speckled Valentine	\$3.25	\$3.50	\$1.00	\$.20
Early Red Speckled Valentine	3.00	3.25	1.00	.20
Early Mohawk	3.00	3.25	1.00	.20
Early Yellow Six Weeks	3.25	3.50	1.00	.20
"Best of All" Bush	4.00	4.25	1.25	.20
Extra Early Refugee	3.50	3.75	1.00	.20
Early China	3.25	3.50	1.00	.20
Low's Champion	3.75	4.00	1.25	.20
Improved Dwarf Horticultural (Goddard, Boston Favorite.)	3.50	3.75	1.00	.20
Wonder of France	5.75	6.00	1.75	.30
Emperor William	3.75	4.00	1.25	.20
White Marrowfat	3.50	3.75	1.00	.20
White Kidney	3.50	3.75	1.00	.20
Navy Field	3.25	3.50	1.00	.20
Burlingame Medium Field	3.25	3.50	1.00	.20
Prolific Tree	3.75	4.00	1.25	.20
Bush Lima, Henderson's	5.50	5.75	1.75	.30
Bush Lima, Burpee's	30.00	8.00	1.25	
Bush Lima, Dreer's	{ Pkts. only, \$10.00 per 100; \$1.50 per dozen.			

BEANS, BUSH—Continued.

Wax-Podded or Snap-short Varieties.

	10-bush. lots.	Bush.	Peck.	Qt.
Yosemite Mammoth Wax	\$6.00	\$6.50	\$1.75	\$.25
Golden Eyed Wax	4.50	4.75	1.25	.20
Black Eyed Wax	4.50	4.75	1.25	.20
Improved Golden Wax	4.50	4.75	1.25	.20
Improved Black or German Wax	4.50	4.75	1.25	.20
White Wax	4.25	4.50	1.25	.20
Crystal Wax	5.25	5.50	1.35	.25
Crimson Flageolet Wax	5.00	5.25	1.35	.25
Dwarf Mont d'Or	4.75	5.00	1.35	.25
Wardwell's Kidney Wax	4.00	4.25	1.25	.20
Griswold's Everbearing Wax	8.50	9.00	2.50	.35

BEANS.

Pole, or Running.

	10-bush. lots.	Bush.	Peck.	Qt.
Early Golden Cluster Wax	\$5.00	\$5.25	\$1.25	\$.25
"Best of All" Pole	9.75	10.00	2.75	.45
Golden Andalusia		8.00	3.25	.40
Lazy Wife	9.75	10.00	2.75	.45
Dutch Caseknife	3.50	3.75	1.00	.20
Horticultural or Speckled Cranberry	4.00	4.25	1.25	.20
Southern Prolific (Kentucky Wonder)	4.00	4.25	1.25	.20
Black Wax	3.50	3.75	1.00	.20
Scarlet Runner	5.25	5.50	1.35	.25
White Runner	5.25	5.50	1.35	.25

LIMA BEANS.

	10-bush. lots.	Bush.	Peck.	Qt.
Extra Early Jersey	\$6.00	\$6.25	\$1.75	\$.30
Large White	4.00	4.25	1.25	.20
Large White (Hand-picked, large)	6.00	6.25	1.75	.30
King of the Garden	7.75	8.00	2.25	.30
Dreer's Improved	6.00	6.25	1.75	.30
Dreer's Improved Dwarf or Bush	{ Pkts., \$10.00 per 100; \$1.50 per dozen.			
Henderson's Bush	5.50	5.75	1.65	.25
Burpee's Bush	30.00	8.00	1.25	



NEW LARGE EARLY LONG ISLAND WAKEFIELD.

VANDERGAW CABBAGE.

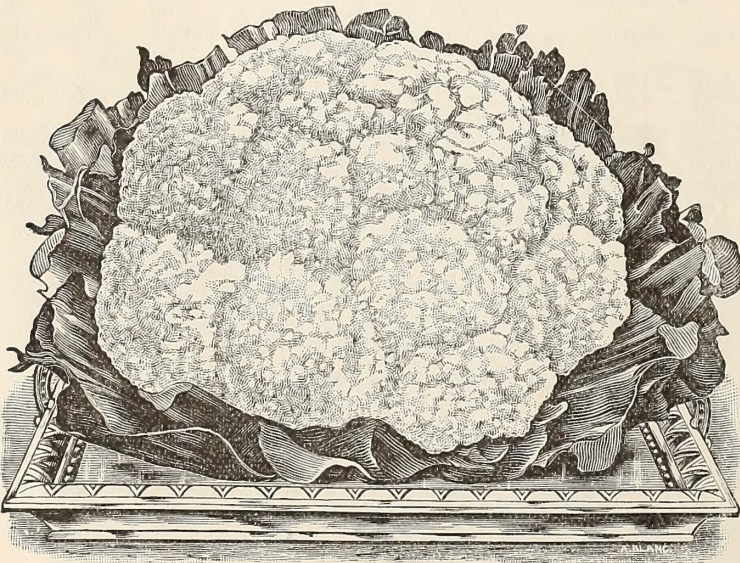
For a main crop and late cabbage this variety is unrivalled. Heads large, deep green, very tender, crisp and delicious; hard heading; reliable. Oz., 20c.; lb., \$2.00.

HYDE PARK. A selection from Flat Dutch; medium to late; very large, deep head, slightly rounding; fine texture, rarely bursts. A reliable variety for burying over winter. Excellent either for market or home use. Oz., 15c.; lb., \$1.75.

AUTUMN KING. We believe this to be one of the finest strains of late cabbage ever offered. It produces regular, even heads of enormous size; is a magnificent cropper, has few outer leaves, and will give 99 out of every 100 large, solid, hard heads. We can thoroughly recommend this as one of the most satisfactory late cabbages in cultivation. Oz., 30c.; lb., \$2.25.

STONEMASON DRUMHEAD. About a week earlier than PREMIUM FLAT DUTCH; large, solid, sure header. Oz., 20c.; lb., \$1.75.

PREMIUM FLAT DUTCH. Excellent winter sort; large, sure header, popular, profitable. One of the very best late cabbages. Largely grown in the South. Oz., 15c.; lb., \$1.65.



EXTRA EARLY DWARF ERFURT.

EXTRA EARLY EXPRESS CABBAGE.

This fine new cabbage, although not so large as the JERSEY WAKEFIELD or ETAMPES, is about a week earlier. It has but few outside leaves and may be planted very close, thus yielding splendid crops. Excels all other varieties in earliness, and is unsurpassed for forcing. Oz., 20c.; lb., \$1.75.



EXTRA EARLY EXPRESS.

NEW LARGE EARLY LONG ISLAND WAKEFIELD CABBAGE.

This fine strain is not only the largest Wakefield in cultivation, it is equally as early as the earliest Jersey Wakefield and a most reliable header. The heads are not so pointed as the Jersey type, partaking more of the rounded form from having been crossed with the Flat Dutch for size. Highly recommended. Oz., 20c.; lb., \$2.00.

**EXTRA EARLY DWARF ERFURT CAULIFLOWER.****VERY CHOICE QUALITY.**

There can be little doubt that this is the best cauliflower either for forcing under glass or for the open ground. Large size, snowy white and compact grower. There are few crops that depend so much on the quality of the seed as cauliflower, and although there is great temptation to save a dollar, we advise buying the best. Pkt., 20c.; oz., \$5.00.

EARLY DWARF ERFURT.

GOOD QUALITY. A fairly good strain of Erfurt at a moderate price. Pkt., 10c.; oz., \$1.50; lb., \$20.00.

TRUE EARLY SNOWBALL CAULIFLOWER.

This strain is justly celebrated, and by many is preferred to all others. Very early, a sure header, grows very close and compact. Heads of snowy whiteness, and average about 9 inches in diameter. It is of very dwarf growth, with small outer leaves, which makes it well adapted for close planting. Pkt., 20c.; oz., \$2.00; lb., \$25.00.

BEETS.

Table Varieties.

	100-lb. lots.	Lb.	Oz.
Egyptian	\$25.00	\$.30	\$. .05
Yellow Turnip	30.00	.35	.05
Eclipse	25.00	.30	.05
Dewing's Improved Turnip	20.00	.25	.05
Bassano	20.00	.25	.05
Improved Long Smooth Blood	20.00	.25	.05
Early Blood Turnip	20.00	.25	.05
Swiss Chard	25.00	.30	.05
Bastian's	25.00	.30	.05
New Lentz	25.00	.30	.05

Field Varieties (Mangel-Wurzel.)

	100-lb. lots.	Lb.
Mammoth Long Red	\$12.00	\$.15
Mammoth Long Yellow	15.00	.18
Kinver Yellow Globe	12.00	.15
Red Globe	14.00	.17
Golden Tankard	18.00	.20
Improved White Sugar Beet	12.00	.15
Improved White Sugar (Vilmorin's)	20.00	.25

BRUSSELS SPROUTS.

	Lb.	Oz.
Improved Dwarf	\$1.50	\$.15
Dalmeny Park	1.75	.15
Scrymgeour's Giant	1.75	.15
The Craigo (new)	Pkts., \$4.00 per 100; 60c. per doz.	

BROCCOLI.

	Lb.	Oz.
Early White Cape	\$4.00	\$.35
Early Purple Cape	2.00	.20

CABBAGE.

	100-lb. lots.	Lb.	Oz.
Extra Early Express	\$1.50	\$1.75	\$.20
Extra Early Paris	1.00	1.25	.15
Extra Early Etampes . . . . .	.90	1.15	.15
Earliest Blood-red Erfurt	1.75	2.00	.20
Henderson's Early Summer	1.25	1.50	.15
Early French Oxheart	1.25	1.50	.15
Large Early Schweinfurt	1.25	1.50	.15
Autumn King (new)	2.00	2.25	.30
Filderkraut (Pointed Pomeranian)	1.25	1.50	.15
Hyde Park (new)	1.50	1.75	.15
All Seasons	1.25	1.50	.20
Early Jersey Wakefield	1.75	2.00	.20
Long Island Wakefield (Charleston Wakefield)	1.75	2.00	.20
Early York	1.00	1.25	.15
Fottler's Brunswick	1.00	1.25	.20
Early Winningstadt . . . . .	.90	1.15	.20
Newark Early Flat Dutch	1.50	1.75	.15
Marblehead Mammoth	1.25	1.50	.20
Red Dutch	1.50	1.75	.20
Premium Flat Dutch . . . . .	.90	1.15	.15
Stonemason Drumhead	1.50	1.75	.20
Improved Blood-red Drumhead	1.75	2.00	.20

CABBAGE—Continued.

	100-lb. lots.	Lb.	Oz.
Vandergaw (new)	\$1.75	\$2.00	\$.20
Extra Early Paris Savoy	1.75	2.00	.20
Midsummer Savoy	1.75	2.00	.20
Early Ulm Savoy	1.25	1.50	.15
American Improved Savoy	1.50	1.75	.15
Drumhead Savoy	1.75	2.00	.20
Reynold's Early	Pkts., \$4.00 per 100; 60c. per doz.		

CARROT.

	Lb.	Oz.
Chantenay (new)	\$.50	\$.10
Guerande (new) . . . . .	.55	.10
Danvers Half Long . . . . .	.40	.10
Early Short Horn . . . . .	.60	.10
Early French Forcing . . . . .	.75	.10
Long Scarlet Altringham . . . . .	.45	.10
Improved Long Orange . . . . .	.40	.10
Large White Belgian . . . . .	.35	.10
New Intermediate, or St. Valery . . . . .	.60	.10
Half Long Carentan . . . . .	.60	.10
Parisian Red Forcing	Pkts., \$4.00 per 100; 60c. per doz	

CAULIFLOWER.

	Pkt.	Oz.	Lb.
Extra Early Dwarf Erfurt	\$.20	\$5.00	\$50.00
Early Dwarf Erfurt . . . . .	.10	1.50	20.00
Veitch's Autumn Giant . . . . .	.10	.40	3.50
Early Snowball (True) . . . . .	.20	2.00	25.00
Early Paris . . . . .	.10	.75	8.00
Lenormand's Short Stem . . . . .	.10	.60	7.00
Late Algiers . . . . .	.10	.60	7.00
Walcheren . . . . .	.10	.45	4.50

CELERY.

	Oz.	Lb.
New Dwarf Rose	\$.15	\$1.25
White Plume Improved . . . . .	.20	1.75
Solid Ivory . . . . .	.20	2.00
New Giant Golden Heart . . . . .	.40	5.00
Perfection Heartwell . . . . .	.15	1.50
Golden Dwarf . . . . .	.20	1.50
Golden Self-Blanching . . . . .	.20	2.00
Golden Self-Blanching (extra select American Grown Stock) . . . . .	.35	4.00
Sandringham Dwarf White . . . . .	.15	1.50
New Giant Pascal . . . . .	.20	1.25
Boston Market . . . . .	.20	1.25
Gardiner's Keeping (aromatic pink)	Pkts., \$12.00 per 100; \$1.65 per doz.	
Celery Seeds for Flavoring . . . . .	.20	.20
Celeraic . . . . .	.20	1.50

CHERVIL.

	Oz.	Lb.
Curled	\$.10	\$.50

COLLARDS.

	Oz.	Lb.
Georgia Selected	\$.10	\$.75



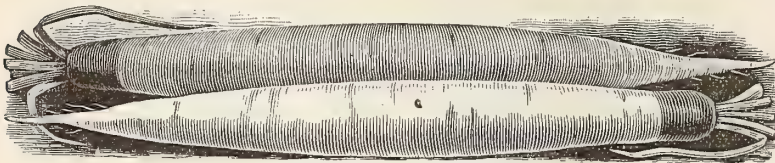
**HANSON.
SPLENDID OUT-DOOR LETTUCE.**

Unexcelled as an all-round out-door Lettuce: heads very close, solid and large; crisp, tender and sweet; green outside, white within. Oz., 10c.; lb., 60c.

**EARLY CURLED SIMPSON.
GRAND VARIETY FOR FRAME CULTURE.**

Yellowish green, early, very curly. Largely used for frame culture, and also as an early open-air sort between a cabbage crop. Oz., 10c.; lb., 60c.

SANDWICH ISLAND MAMMOTH SALSIFY.



SANDWICH ISLAND MAMMOTH SALSIFY.

CATILLON LONG-STANDING SPINACH.

Unequaled for *spring* sowing, as it will stand the heat longer, without running to seed than any other variety. The leaves are large, round, dark green, crumpled, and grow in compact, thick-set tufts. Our stock is *true Catillon* and *extra selected*, and is not to be confounded with the ordinary stocks of *Long Stander*. Oz., 5c.; lb., 18c.

TRUE AMERICAN SAVOY SPINACH (Bloomsdale).

The most productive of all and the hardiest. Beautifully wrinkled leaves, like a Savoy Cabbage; very large, thick and succulent. May be sown all through the season, but is markedly superior for *fall* sowing. *True stock*. Oz., 5c.; lb., 15c.



TRUE AMERICAN SAVOY SPINACH.

FORCING LETTUCES.

BOSTON MARKET. A popular forcing variety; good size, solid, crisp and white. Our stock is pure *Boston Market*, a great improvement over the *White Seeded Tennis Ball*. Oz., 10c.; lb., 75c.

TE-NIS BALL, BLACK SEEDED. Solid, dark green heads; very hardy; one of the best either for out-doors or forcing; crisp and tender. Oz., 10c.; lb., 60c.

GOLDEN STONEHEAD. Small, solid; very handsome; splendid forcer; also stands the summer well for outside. Oz., 10c.; lb., 70c.

WHEELER'S TOM THUMB (new). A small variety, very solid, crisp and of unsurpassed flavor. Oz., 20c.; lb., \$1.50.



**“NON PLUS ULTRA,” or 21 DAY
SCARLET FORCING RADISH.**

This splendid new radish is of fine, round form; bright scarlet, short top, fine flavor, of remarkably quick growth and one of the very best of the new forcing radishes. Fit for use in 21 days. Oz., 10c.; lb., 45c.

A greatly improved variety, producing roots almost double the weight and size of the *White French*. Quality unsurpassed. This sort is now being grown by truckers in vicinity of Philadelphia and other large cities, to the exclusion of the old variety almost altogether; undoubtedly the best variety of *Oyster Plant* in cultivation. Oz., 10c.; lb., 85c.



PHILADELPHIA WHITE SILVERSKIN ONION.

Early medium size, silvery white, mild flavor, excellent, either for home use or for market. Largely grown for producing the white onion sets. When young, used for pickling. Oz., 30c.; lb., \$4.00.

TRUE YELLOW GLOBE DANVERS ONION.

This is conceded to be the finest strain of Danvers in cultivation. It is grown in New England, and is exceedingly pure and true to type, early, round, very small neck, fine grained, mild flavor, immensely productive and unsurpassed in keeping quality. Oz., 20c.; lb., \$2.00.

EXTRA EARLY RED ONION.
A very early onion of medium size, round, flat, deep red, mild flavor, largely grown for sets. Oz., 20c.; lb., \$2.25.

CORN, SWEET.

	Qt.	Peck	Bush.
Early Crosby	\$.15	\$.75	\$2.25
Early Cory . . . . .	.15	.75	2.50
Adams Extra Early . . . . .	.15	.75	2.00
Amber Cream . . . . .	.15	.75	2.25
Pee & Kay . . . . .	.15	.75	2.25
Shoe Peg (new) . . . . .	.15	.75	2.50
Perry's Hybrid . . . . .	.15	.75	2.25
Squantum . . . . .	.15	.75	2.25
Potter's Excelsior . . . . .	.15	.75	2.25
Early Marblehead . . . . .	.15	.75	2.25
Early Minnesota . . . . .	.15	.75	2.50
Black Mexican . . . . .	.15	.75	2.25
Egyptian Sweet . . . . .	.15	.75	2.25
Stowell's Evergreen . . . . .	.15	.75	2.00
Moore's Concord . . . . .	.15	.75	2.50
Mammoth Sweet Sugar . . . . .	.15	.75	2.00

CORN, FIELD.

	Qt.	Peck.	Bush.
Maryland White	\$.15	\$.50	\$1.25
Kansas King (new) . . . . .	.15	.75	2.00
Leaming . . . . .	.15	.50	1.00
Pride of the North . . . . .	.15	.50	1.00
Chester County Mammoth . . . . .	.15	.50	1.25
Blunt's Prolific . . . . .	.15	.50	1.25
Longfellow . . . . .	.15	.50	1.50
Early Canada . . . . .	.15	.50	1.50
Hickory King . . . . .	.15	.50	1.50
Golden Dent . . . . .	.15	.50	1.50
Golden Beauty . . . . .	.15	.50	1.50
Early Mastodon (new) . . . . .	.15	.50	1.00
Sweet Fodder			1.25

FORAGE PLANTS.

	Lb.	100 Lbs.
Kaffir Corn	\$.15	\$10.00
Broom Corn, Improved Evergreen . . . . .	.10	3.00
Millo Maize, white . . . . .	.15	8.00
Millo Maize, yellow . . . . .	.15	8.00

CORN SALAD.

	Oz.	Lb.
Large Seeded	\$.10	\$.50

CRESS.

	Oz.	Lb.
Curled or Pepper Grass	\$.05	\$.25
Water . . . . .	.25	2.50
Upland . . . . .	.50	5.00
American . . . . .	.10	.50

CUCUMBER.

	Oz.	Lb.	100 Lbs.
Nichol's Medium Green	\$.05	\$.45	\$40.00
Tailby's Hybrid . . . . .	.05	.45	40.00
Early Russian . . . . .	.05	.45	40.00
Early Green Cluster . . . . .	.05	.40	35.00
Improved White Spine . . . . .	.05	.40	35.00
Early Frame . . . . .	.05	.40	35.00
Improved Long Green . . . . .	.05	.45	40.00
Boston Pickling (Extra choice) . . . . .	.05	.45	40.00
Chicago Pickling (Extra choice) . . . . .	.05	.50	45.00
Paris Pickling (new) . . . . .	.20	2.00	
West India Gherkin . . . . .	.10	1.00	
Thorburn's new Everbearing . . . . .	.10	.50	45.00

DANDELION.

	Oz.	Lb.
French	\$.10	\$.90
Improved Thick-leaved French . . . . .	.40	4.00
American Improved . . . . .	.40	4.00
Improved Moss Curled . . . . .	.40	4.00

EGG-PLANT.

	Oz.	Lb.
Early Dwarf Purple	\$.15	\$.150
Long Purple . . . . .	.10	1.00
Black Pekin . . . . .	.20	2.00
New York Improved . . . . .	.25	3.00

ENDIVE.

	Oz.	Lb.
Green Curled	\$.20	\$.150
White Curled . . . . .	.20	1.75
Moss Curled . . . . .	.20	1.75
Batavian Broad Leaved . . . . .	.20	1.50

GOURD.

	Oz.	Lb.
Nest Egg	\$.20	\$2.00

KALE.

(Borecole.)

	Oz.	Lb.
Dwarf Green Curled Scotch	\$.10	\$.60
Tall Green Curled Scotch . . . . .	.10	.50
Siberian . . . . .	.10	.35
Variegated . . . . .	.10	.95
Dwarf Green Erfurt . . . . .	.10	.35
Dwarf Brown . . . . .	.10	.60
Bonaccord Scotch Curled . . . . .	.20	2.00

KOHL=RABI.

	Oz.	Lb.
Early White Vienna	\$.15	\$.175
Early Purple Vienna . . . . .	.15	1.75

LEEK.

	Oz.	Lb.
Large London Flag	\$.20	\$2.00
Musselburgh . . . . .	.25	3.00
Giant Carentan . . . . .	.20	2.25
True Scotch Musselburgh . . . . .	.50	5.00

LETTUCE.

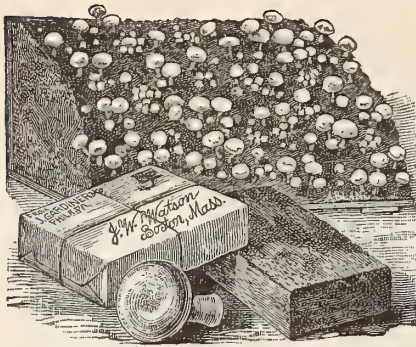
	Oz.	Lb.
Buttercup	\$.10	\$.75
Marblehead Mammoth . . . . .	.10	.75
Early Prizehead . . . . .	.10	.60
Tennis Ball, white seeded . . . . .	.10	.60
Tennis Ball, Boston Market Stock . . . . .	.10	.75
Tennis Ball, black seeded . . . . .	.10	.60
Hanson . . . . .	.10	.60
Early Curled Silesia . . . . .	.10	.60
Boston Curled . . . . .	.10	.60
Salamander . . . . .	.10	.60
All the Year Round . . . . .	.10	.60
Brown Genoa . . . . .	.10	.75
Paris White Cos . . . . .	.10	.80
Golden Stonehead . . . . .	.10	.70
Early Curled Simpson . . . . .	.10	.60
New York Market . . . . .	.15	.75
Denver Market . . . . .	.15	.75
Defiance Summer . . . . .	.10	.85
The Deacon . . . . .	.10	.75
Blonde Hardhead . . . . .	.10	.85
Wheeler's Tom Thumb . . . . .	.20	1.50

Home Grown Mushrooms

A New and Profitable Industry for

Farmers,
Truckers,
Gardeners,

Florists,
Village People,
Suburban Residents.



GARDINER'S Celebrated English Mushroom Spawn.

The increasing interest that is being taken in the Mushroom as a profitable market crop, has enabled us to greatly extend our facilities for the supply of reliable Spawn, and customers can at all times depend on receiving Spawn that is absolutely fresh and of the uniform superior quality for which our imported English Spawn is celebrated. One of our largest commercial growers writes, "Your Spawn fills the bill better than any I have bought elsewhere," and such is the uniform experience of all who have bought of us, and our trade now extends from the Atlantic to the Pacific, and even beyond the borders. In growing Mushrooms, the first thing to be done is to get good Spawn. If this is not done all the labor of preparing the beds and so forth will go for nothing. It must always be fresh, well-spawned and in good condition. A brick of Spawn weighs about $1\frac{1}{4}$ pounds, and is usually divided for planting into 12 pieces, and these pieces are inserted in the bed about 9 inches apart each way. The necessary quantity of Spawn for any given bed surface may be easily calculated by this rule.

\$8.00 per 100 lbs.

Special rates on large lots.



When it is considered that millions of pounds of mushrooms in cans are annually imported into this country and sold to consumers at high prices, notwithstanding the fact that the canning process robs this delicious esculent of much of its flavor, the reason for the rapid development of the mushroom-growing industry among the florists, truckers and others here will be readily apparent. Home-grown mushrooms are so much superior in

quality that consumers are willing to pay double the price of imported for them, thus making a ready and profitable market for the home producer. During the past season it is safe to say that the production of home-grown mushrooms increased at least 100 per cent. over that of the previous year. Some growers have expressed the fear that the business would soon be over-done, but we think this fear is entirely groundless, as the increase in demand has more than kept pace with that of production. The fact is, the market for good Mushrooms is practically unlimited, and no more profitable industry can be engaged in by those who want to grow something that there's money in, or who wish to have a plentiful supply of the "King of Esculents" for their own tables. Send for our Primer on the Culture of Mushrooms (free), or for either of the more elaborate books named below. We recommend Mr. Falconer's book as the most complete, and can assure our customers it is well worth the difference in price.

HOW TO GROW MUSHROOMS.

The details of Mushroom Culture are given concisely in our 16-page treatise, entitled

"MUSHROOMS FOR THE MILLION,"

a copy of which may be had free for the asking.

We have also the pleasure of announcing this season a new treatise by Mr. William Falconer, a recognized authority on Mushroom Culture. Mr. Falconer's book is entitled

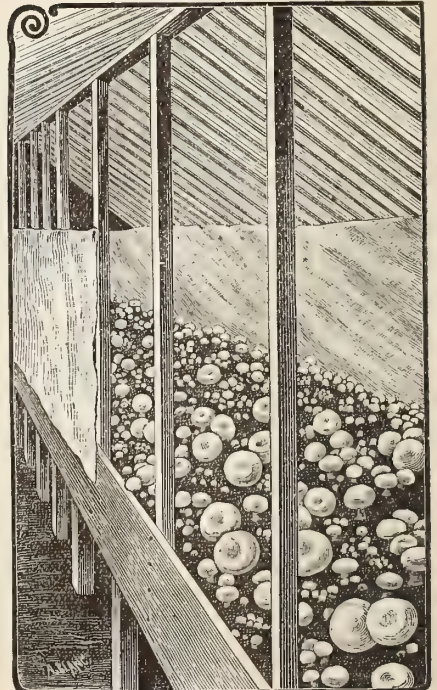
"MUSHROOMS, HOW TO GROW THEM,"

and is the most elaborate, complete and practical ever written, and should be in the hands of all who grow, or intend to grow, largely for the market. The publishers' price for the book is \$1.50; but by special arrangement we are enabled to offer it to our customers for \$1.35 by mail, postpaid.

We have also Mr. Robinson's work on the Mushroom, entitled

"MUSHROOM CULTURE,"

a revised edition, with numerous illustrations. Mailed free for 50c.



MUSHROOMS IN GREENHOUSE.

MUSHROOM SPAWN.

English Milltrack (in bricks)	
lb., 14c; 10 lbs., \$1.20; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$8.00.	
French Spawn (in 2-pound boxes)	{ 75c. each; \$7.50 per doz.
French Spawn (in bulk) . lb., \$0.25; 100 lbs., \$20.00	

MUSKMELON.

	Oz.	Lb.
Hackensack . . . . .	.10	\$.50
New Early Hackensack . . . . .	.10	.75
Acme or Baltimore Cantaloupe . . . . .	.10	.55
Delmonico . . . . .	.10	.40
Osage . . . . .	.10	.50
Prescott Hardy Ridge . . . . .	.10	.75
Jenny Lind . . . . .	.05	.40
Bird's Cantaloupe . . . . .	.10	.55
Netted Gem . . . . .	.05	.40
Banana . . . . .	.10	.50
Montreal Nutmeg . . . . .	.05	.45
Casaba . . . . .	.05	.40
White Japan . . . . .	.05	.45
Skillman's Netted . . . . .	.05	.40
Bay View Hybrid . . . . .	.05	.45
Ward's Nectar . . . . .	.05	.40
Emerald Gem . . . . .	.10	.50
Long Yellow Cantaloupe . . . . .	.05	.40
Christiana . . . . .	.05	.40
Miller's Cream . . . . .	.10	.50
Beck's Columbus (new) Pkts., \$10 per 100; \$1.50 doz		

WATERMELON.

	Oz.	Lb.
Florida Favorite	\$.05	\$.40
Scaly Bark . . . . .	.05	.35
Mammoth Ironclad . . . . .	.05	.35
Pride of Georgia . . . . .	.05	.35
Boss . . . . .	.05	.40
Iceing, or Ice Rind . . . . .	.05	.40
Kolb's Gem . . . . .	.05	.35
Mountain Sweet . . . . .	.05	.35
Cuban Queen . . . . .	.05	.35
Gipsy . . . . .	.05	.35
Rattlesnake . . . . .	.05	.35
Vick's Early . . . . .	.05	.40
Phinney's Early . . . . .	.05	.40
Citron . . . . .	.05	.40
Green and Gold . . . . .	.05	.40
Seminole . . . . .	.05	.40
Hungarian Honey . . . . .	.10	.55
Long Light Iceing . . . . .	.05	.40
Ruby Gold . . . . .	.15	1.50
White Gem . . . . .	.10	.75
Colorado Preserving . . . . .	.05	.40
The Jones (new)	{ pkts., \$10.00 per 100; \$1.35 per doz.	

MUSTARD.

	Oz.	Lb.	100 Lbs.
White		\$.15	\$12.50
Brown . . . . .		.15	12.50
New Chinese	\$.10	.50	45.00

NASTURTIUM.

	Oz.	Lb.	100 Lbs.
Large Seeded Pickling	\$.10	\$.60	\$50.00

ONION.

	Oz.	Lb.
Phila. Yellow Strasburg	\$.20	\$2.00
Prizetaker . . . . .	.25	3.25
Extra Early Red . . . . .	.20	2.25
Large White Portugal (Phila. White Silver Skin) . . . . .	.30	4.10
Southport Yellow Globe . . . . .	.20	2.25
Large Red Wethersfield . . . . .	.15	1.85
Round Yellow Danvers . . . . .	.15	1.75
Yellow Globe Danvers (true) . . . . .	.20	2.00
Yellow Globe Danvers (Fancy XX stock) . . . . .	.20	2.50
Large Red Globe . . . . .	.20	2.25
White Globe . . . . .	.30	4.00

ITALIAN ONIONS.

White Queen . . . . .	.20	2.00
White Barletta . . . . .	.20	2.00
Giant Brown Rocca . . . . .	.20	2.25
Giant Blood-red Rocca . . . . .	.20	2.25
Giant Yellow Rocca . . . . .	.20	2.25
Mammoth Silver King . . . . .	.25	2.75
Mammoth Red Pompeii . . . . .	.25	2.75
Red Bassano . . . . .	.20	2.25
Marzajola . . . . .	.20	2.25

ONION SETS.

White Bottom Sets	} Prices on application.
Yellow Bottom Sets	
Red Bottom Sets	
White Multiplier Sets	

OKRA, or GUMBO.

	Oz.	Lb.	100 Lbs.
Improved Dwarf Early	\$.05	\$.40	\$30.00
Tall Green . . . . .	.05	.40	30.00
New White Velvet . . . . .	.05	.50	

PARSLEY.

	Oz.	Lb.	100 Lbs.
Fern Leaved	\$.05	\$.55	\$50.00
Beauty of the Parterre . . . . .	.10	1.00	
Moss Curled . . . . .	.05	.45	40.00
Hamburg . . . . .	.05	.45	40.00

PARSNIP.

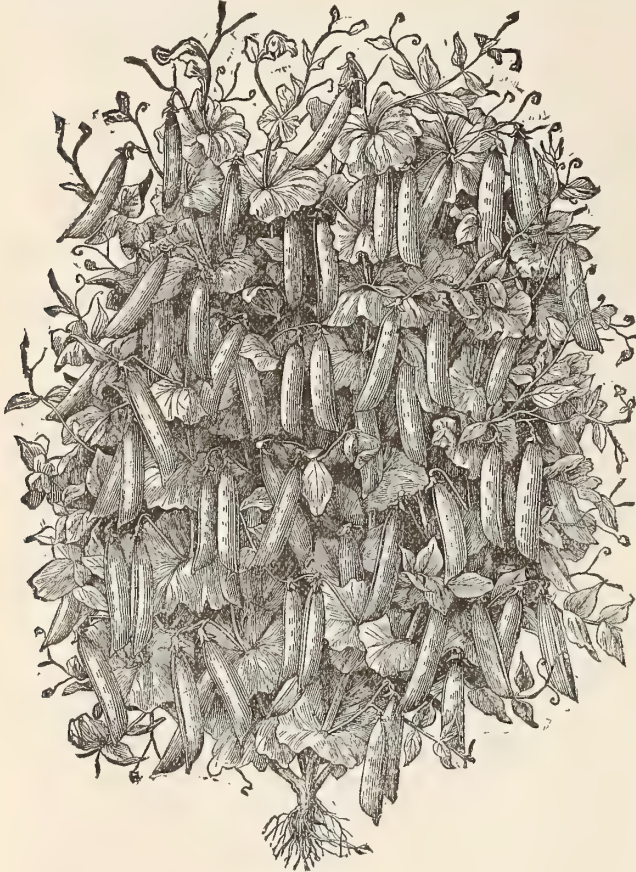
	Oz.	Lb.	100 Lbs.
Long Smooth, or Hollow Crown	\$.05	\$.35	\$30.00
Early Round French . . . . .	.05	.40	35.00
Improved Guernsey . . . . .	.05	.40	35.00

PEPPER.

	Oz.	Lb.
Ruby King	\$.20	\$2.00
Celestial . . . . .	.20	2.00
Red Chili . . . . .	.20	2.50
Large Bell, or Bull Nose . . . . .	.15	1.50
Sweet Mountain . . . . .	.20	2.00
Cayenne Long Red . . . . .	.15	1.50
Red Cherry . . . . .	.20	2.50
Golden Dawn . . . . .	.15	1.75

Selected Northern Grown Peas.

Our Seed Peas are all grown in Northern New York and Canada, the finest pea-growing district in the world, and are carefully selected from the choicest stocks, inspected and *rogued* with scrupulous care during growth, and carefully hand picked after harvesting. For purity of type and perfection in quality, our stock cannot be surpassed.



ALLEN'S "MAUD S." PEA.

ALLEN'S "MAUD S." PEA.

THE BEST EXTRA EARLY.

THE BEST CROPPER.

THE FINEST MARKET GARDEN

PEA IN CULTIVATION.

Allen's "Maud S." is an extra selected strain of the "Extra Early," which we can recommend as a safe pea for any trucker or grower for the market who desires to get the best returns. The strain has been carefully selected for many years and it is now so perfect that in our trials last year it proved to be the most uniform and the best cropper of all the "extra earlys." The stock here offered has been grown by the originator and, as usual, was carefully inspected during the past season's growth, and selected with the most scrupulous care, and carefully hand-picked after harvesting. It is undoubtedly the surest and safest-cropping pea, and for

Purity of Type and

Perfection in Quality

is surpassed by none. It is also of fine, handsome appearance, has large, well-filled uniform pods, and is very sweet flavored. A perfect trucker's "Extra Early" Pea. \$3.25 per bush.; peck, \$1.00; qt., 15c.

DWARF EXTRA EARLY.

AMERICAN WONDER—The dwarfest pea grown; extremely early, fine quality; splendid for home use. Not productive enough for a profitable market pea, but largely used on account of its earliness and dwarf habit. \$5.25 per bush.; peck, \$1.50; qt., 20c.

MEDIUM HEIGHT EXTRA EARLY.

EXTRA EARLY PHILADELPHIA (Gardiner's Choice Stock). An extra early strain of this splendid market garden pea, remarkable for its uniform growth, great productiveness and delicious quality. We can recommend this as a most profitable sort for truckers and large growers. Our choice stock is selected with the greatest care and is a great improvement on the type. \$2.75 per bush.; peck, 90c.; qt., 15c.



AMERICAN WONDER.

PEAS.

(Extra Early.)

	10 bush. lots.	Bush.	Peck.	Qt.
Allen's "Maud S,"				
Extra Early	\$3.00	\$3.25	\$1.00	\$.15
American Wonder	5.00	5.25	1.50	.20
Extra Early Premium				
Gem	4.25	4.50	1.25	.15
McLean's Little Gem	4.75	5.00	1.50	.15
Alaska	3.25	3.50	1.00	.15
Philada. Extra Early				
(choice stock)	2.50	2.75	.90	.15
Improved Daniel				
O'Rourke	2.50	2.75	.90	.15
Kenush Invicta	3.25	3.50	1.00	.15
Laxton's Alpha	4.50	4.75	1.35	.15
Tom Thumb	3.75	4.00	1.10	.15
Blue Beauty		6.00	1.60	.30
Wm. Hurst	\$5.00 per 100		pkts.	

(Main Crop.)

	10 Bush. lots.	Bush.	Peck.	Qt.
Bliss' Abundance	\$3.00	\$3.25	\$1.00	\$.15
Bliss' Everbearing	3.00	3.25	1.00	.15
Horsford's Market Gar-				
den	3.25	3.50	1.00	.15
Advancer	3.50	3.75	1.00	.15
Pride of the Market	4.50	4.75	1.40	.20
Yorkshire Hero	2.75	3.00	1.00	.15
Stratagem	5.00	5.25	1.50	.20
Telegraph	4.00	4.25	1.20	.20
Telephone	4.00	4.25	1.20	.20
Fillbasket	5.00	5.25	1.50	.20
Veitch's Perfection	5.25	5.50	1.60	.25
Tall Butter Sugar	4.75	5.00	1.50	.20
Dwarf Sugar	4.75	5.00	1.50	.20
Champion of England	2.75	3.00	.90	.15
Black Eye Marrow	1.75	1.85	.50	.15
Black Eye Marrow				
(hand picked)	1.90	2.00	.55	.15
Dwarf White Marrow	2.00	2.25	.60	.15
Dwarf Blue Imperial	2.75	3.00	1.00	.15
Canada Field	1.25	1.35	.50	.10

POTATOES.

Prices quoted on Potatoes are those ruling at 1st January and are subject to market fluctuations. Will be happy to quote at any time.

	Bush.	Bbl.
Mammoth Pearl	\$1.50	\$4.00
Clark's No. 1	1.35	3.50
Early Ohio	1.50	3.75
Empire State	1.35	3.50
Beauty of Hebron	1.35	3.50
Dakota Red	1.50	4.00
White Star	1.35	3.50
Early Rose (Houghton Stock)	1.35	3.50
Charles Downing	1.35	3.50
State of Maine	1.35	3.50
Early Vaughan	1.75	5.00

PUMPKIN.

	Oz.	Lb.	100 Lbs.
Large Cheese	\$.05	\$.40	\$35.00
Cashaw . . . . .	.05	.45	40.00
Improved Mammoth . . . . .	.10	.65	60.00
Japanese Pie (new) . . . . .	.10	.40	35.00
Connecticut Field	bush.,	\$3.50;	qt., 15c.

RADISH.

	Oz.	Lb.	100 Lbs.
Extra Early Round Deep Scar-			
let (forcing)	\$.10	\$.45	\$40.00
Extra Early Round Scarlet,			
White Tipped (forcing) . . . . .	.10	.45	40.00
Extra Early Round White			
(forcing) . . . . .	.10	.45	40.00
Non Plus Ultra Round Scarlet			
(forcing) . . . . .	.10	.45	40.00
B-ckert's Chartier . . . . .	.05	.40	35.00
French Breakfast . . . . .	.05	.35	30.00
Scarlet Olive . . . . .	.05	.35	30.00
White Olive . . . . .	.05	.35	30.00
Violet White Tipped Olive . . . . .	.05	.40	35.00
Scarlet Turnip . . . . .	.05	.30	25.00
White Tipped Scarlet Turnip . . . . .	.05	.35	30.00
White Turnip . . . . .	.05	.30	25.00
Chinese Rose Winter . . . . .	.05	.45	40.00
White Strasburg . . . . .	.05	.40	35.00
Long Black Spanish . . . . .	.05	.45	40.00
Long White Spanish . . . . .	.05	.45	40.00
Long Salmon Short Top . . . . .	.05	.30	25.00
Phila. White Box . . . . .	.05	.50	45.00
Red Rocket Olive . . . . .	.05	.75	70.00
Wood's Early Frame . . . . .	.05	.40	35.00
Long White Vienna . . . . .	.05	.45	40.00
Giant White Stuttgart . . . . .	.05	.45	40.00
Black Summer Turnip . . . . .	.05	.45	40.00
White Summer Turnip . . . . .	.05	.45	40.00
Long Gray Winter . . . . .	.05	.45	40.00
Round Black Spanish . . . . .	.05	.45	40.00

RHUBARB.

	Oz.	Lb.	100	Doz.
Linnæus, early and ten-				
der, Seeds	\$0.10	\$1.25		
Roots			\$4.00	\$.75
Victoria, very large,				
Seeds . . . . .	.10	1.25		
Roots			6.00	1.00

SALSIFY, or VEGETABLE

OYSTER.

	Oz.	Lb.	100 Lbs.
Long White French	\$.10	\$.60	\$70.00
Mammoth Sandwich Island . . . . .	.10	.85	80.00

SPINACH.

	Oz.	Lb.	100 Lbs.
Viroflay Extra Large Round			
Leaved	\$.05	\$.13	\$10.00
New Long Stander (Catillon) . . . . .	.05	.18	15.00
New Long Stander (Enkhui-			
zen) . . . . .	.05	.18	15.00
True American Savoy Leaf			
(Bloomsdale) . . . . .	.05	.15	12.00
Flanders Round Leaved . . . . .	.05	.12	9.00
Prickly . . . . .	.05	.20	15.00
New Zealand . . . . .	.10	.55	50.00



GREEN CURLED KALE.
(Bonaccord Strain.)

Green Curled Kale.

BONACCORD STRAIN.

The Finest Curly Kale
in Cultivation.

The "Bonaccord Strain" of Curled Kale, or Borecole, which we introduced last season, has given great satisfaction, and we have pleasure in being able to again offer fresh seed of this carefully selected strain. It is the most beautifully curled of all varieties, and of fine symmetrical habit, semi-dwarf, a vigorous grower, and very hardy. This is by far the best sort of its class in cultivation, either for market or home use. Our strain of seed is true and extra select. Oz., 20c.; lb., \$2.00.



TRUE MUSSELBURGH LEEK.

TRUE SCOTCH MUSSELBURGH LEEK.

The stem in this fine sort seldom exceeds 6 or 8 inches in length, but it is often 2 inches or more in diameter in well-grown plants, and we have frequently seen it on exhibition very much larger, both in length and diameter, than this. It is exceedingly hardy and the leaves are of a fine deep green, much darker than the large French leeks, and the blanched stems are also of superior mild flavor to any other sort we have ever seen. Oz., 50c.; lb., \$5.00.



THE "Beck's Columbus" Muskmelon was raised by Mr. A. Beck, of Illinois, from whom we received our stock seed. It is a distinct and very superior variety, combining size, sweetness, fine keeping and cropping qualities, and is undoubtedly the grandest acquisition in muskmelons in many years.

The flesh of this fine variety is peculiarly spicy, melting and sweet, and we have no hesitation in saying that for fine quality this variety surpasses all other sorts with which we are acquainted. The skin is finely netted, as shown in the above engraving and the fruits are of perfect nutmeg shape. As a shipping melon the record for this new sort is something remarkable. Mr. Beck says: "I sent two melons out to a lady in Utah, who was there for her health, last year. These melons were one week in transit by express, but they reached their destination in fine condition, as firm and sweet as when she bought some here out of my wagon." The fruits average from 10 to 15 pounds each, and are produced in the greatest abundance, completely covering the ground. A strong, vigorous grower, and pronounced by experts to be the best melon grown for the market gardener. Will out-sell the *Osage*, which has been considered the very best of all market melons. We can recommend it strongly, therefore, on account of (1) fine quality, (2) great productiveness, (3) beautiful form and color, and (4) unsurpassed keeping and shipping qualities, and we offer it with every confidence, either for market or home use. Pkts., \$10.00 per 100; \$1.50 doz.

SQUASH.

	Oz.	Lb.	100 Lbs.
Perfect Gem	\$.05	\$.45	\$40.00
Early White Bush Scallop . . . . .	.05	.40	35.00
Early Yellow Bush Scallop . . . . .	.05	.40	35.00
New Mammoth White Bush Scallop . . . . .	.05	.45	40.00
Summer Crookneck . . . . .	.05	.40	35.00
Cocoanut . . . . .	.05	.45	40.00
White Pineapple . . . . .	.05	.45	40.00
Butman . . . . .	.05	.45	40.00
Boston Marrow . . . . .	.05	.40	35.00
Hubbard . . . . .	.05	.40	35.00
Marblehead . . . . .	.05	.40	35.00
Brazil Sugar . . . . .	.05	.40	35.00
Fordhook . . . . .	.10	1.00	90.00
Canada Winter Crookneck . . . . .	.05	.40	35.00
Turban . . . . .	.05	.40	35.00
Low's Bay State . . . . .	.05	.40	35.00
Vegetable Marrow . . . . .	.10	.65	60.00
Mammoth Chill . . . . .	.10	1.00	85.00
Essex Hybrid . . . . .	.05	.40	35.00
Pike's Peak or Sibley, . . . . .	.05	.45	40.00
Valparaiso . . . . .	.05	.45	40.00

SUNFLOWER.

	Qt.	Bush.	10 bush. lots.
Large Russian (25 lbs. per bush).\$	.08	\$1.75	\$15.00

TOMATO.

All grown from selected Fruit.

	Oz.	Lb.
Ignotum (new)	\$.20	\$1.75
Extra Early Advance . . . . .	.20	1.75
Dwarf Champion . . . . .	.20	1.75
King of the Earlys . . . . .	.15	1.50
Volunteer . . . . .	.20	1.75
Potato Leaf . . . . .	.20	2.00
Golden Queen . . . . .	.20	1.75
Livingston's Beauty . . . . .	.15	1.50
Cardinal . . . . .	.15	1.50
Livingston's Perfection . . . . .	.15	1.50
Acme . . . . .	.15	1.50
Mavflower . . . . .	.15	1.50
Red Cherry . . . . .	.20	2.50
Yellow Plum . . . . .	.20	2.00
Strawberry (Ground Cherry; Alkekengi) . . . . .	.20	2.50
Lorillard (forcing) . . . . .	.20	2.00
New Peach . . . . .	.20	1.75
New Yellow Peach . \$6 00 per 100 pkts.		
The Shah . . . . .	.30	3.00
The Mikado . . . . .	.20	2.00
Paragon . . . . .	.15	1.50

TURNIP.

	Oz.	Lb.	100 Lbs.
Extra Early Purple Top Milan \$	.10	\$.50	\$45.00
Purple Top Munich . . . . .	.05	.40	35.00
White Egg . . . . .	.05	.25	20.00
Flat Dutch White . . . . .	.05	.25	20.00
Red Top Flat (Strap leaf) . . . . .	.05	.20	18.00
Red Top Globe (Selected) . . . . .	.05	.25	20.00
Aberdeen Green Top Yellow . . . . .	.05	.20	18.00

TURNIP—Continued.

	Oz.	Lb.	100 Lbs.
Cowhorn	\$.05	\$.25	\$20.00
Orange Jelly . . . . .	.05	.25	20.00
Jersey Navel . . . . .	.05	.25	20.00
Gardiner's Select Golden Ball . . . . .	.10	.85	
Gardiner's Early White Model . . . . .	.10	1.50	
Pomeranian White Globe . . . . .	.05	.25	20.00

Ruta-Baga, or Swede Turnip.

	Oz.	Lb.	100 Lbs.
Breadstone (new)	\$.10	\$.50	\$45.00
Green Top Swede . . . . .	.05	.20	18.00
Westbury Purple Top Swede . . . . .	.05	.20	18.00
American Improved Purple Top Swede . . . . .	.05	.35	30.00
Laing's Swede . . . . .	.05	.25	20.00
Sweet German Swede . . . . .	.05	.25	20.00
White French . . . . .	.05	.30	25.00

HERBS.

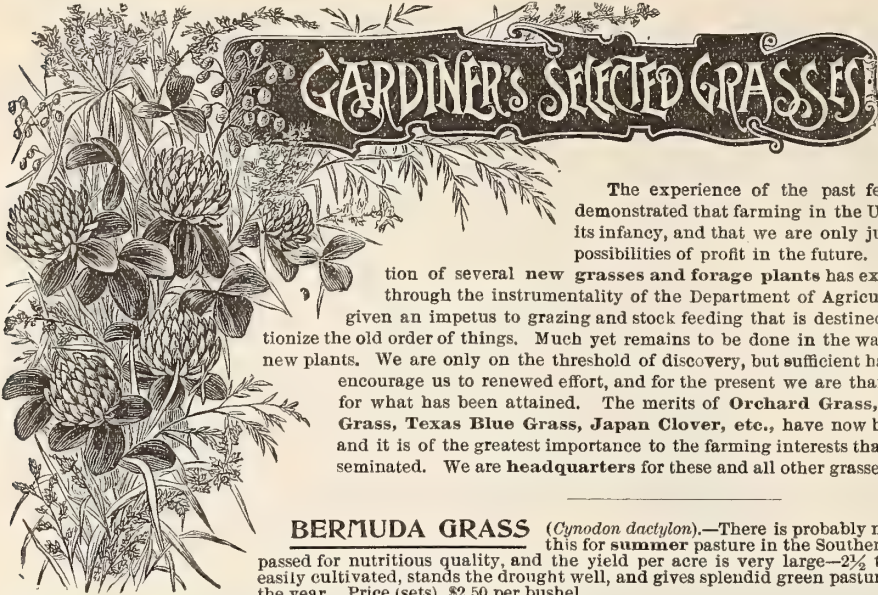
(Sweet, Pot and Medicinal.)

	Pkt.	Oz.	Lb.
Anise	\$.05	\$.10	\$0.50
Angelica . . . . .	.05	.10	1.00
Arnica . . . . .	.10	.75	8.00
Balm . . . . .	.05	.25	2.50
Basil, Bush . . . . .	.05	.15	1.50
Basil, Sweet . . . . .	.05	.10	1.00
Borage . . . . .	.05	.10	.85
Bone . . . . .	.05	.10	.75
Burnet . . . . .	.05	.10	.50
Caraway . . . . .	.05	.10	.40
Catnip . . . . .	.05	.40	4.00
Coriander . . . . .	.05	.10	.40
Dill . . . . .	.05	.10	.75
Fennel . . . . .	.05	.10	.50
Horehound . . . . .	.05	.25	2.50
Hyssop . . . . .	.05	.10	1.00
Lavender . . . . .	.05	.10	.75
Lovage . . . . .	.05	.30	3.00
Marjoram, Sweet . . . . .	.05	.15	1.25
Marjoram, Pot . . . . .	.05	.25	2.50
Marigold, Pot . . . . .	.05	.10	.75
Pennyroyal . . . . .	.10	.60	6.00
Rosemary . . . . .	.05	.30	3.00
Rue . . . . .	.05	.10	1.00
Sage . . . . .	.05	.10	1.00
Savory, Summer . . . . .	.05	.10	.75
Savory, Winter . . . . .	.05	.15	1.50
Thyme, French Broad-leaved . . . . .	.05	.20	2.00
Woodruff . . . . .	.10	.60	6.00
Wormwood . . . . .	.05	.15	1.50

HERB SEEDS.

(For Flavoring.)

	Lb.	100 Lbs.
Anise	\$.25	\$20.00
Caraway . . . . .	.20	16.00
Coriander . . . . .	.20	16.00
Dill . . . . .	.20	15.00



"The man who can make two blades of grass grow where only one grew before, will deserve better of his country and mankind than all the race of politicians put together." — DEAN SWIFT.

The experience of the past few years has clearly demonstrated that farming in the United States is but in its infancy, and that we are only just awakening to the possibilities of profit in the future. The recent introduction of several new grasses and forage plants has excited an interest, and through the instrumentality of the Department of Agriculture and others, has given an impetus to grazing and stock feeding that is destined, ere long, to revolutionize the old order of things. Much yet remains to be done in the way of experiment with new plants. We are only on the threshold of discovery, but sufficient has been ascertained to encourage us to renewed effort, and for the present we are thankful to the pioneers for what has been attained. The merits of Orchard Grass, Lucerne, Johnson Grass, Texas Blue Grass, Japan Clover, etc., have now been fully established, and it is of the greatest importance to the farming interests that they be widely disseminated. We are headquarters for these and all other grasses.

BERMUDA GRASS (*Cynodon dactylon*).—There is probably no grass so valuable as this for summer pasture in the Southern States. It is unsurpassed for nutritious quality, and the yield per acre is very large—2½ to 4 tons. It is very easily cultivated, stands the drought well, and gives splendid green pasture for eight months in the year. Price (sets), \$2.50 per bushel.

LOUISIANA GRASS (*Paspalum dilatatum*).—A valuable pasture grass, furnishing excellent green feed at all seasons of the year, except in the very coldest weather. Grows from 2 to 5 feet high, and succeeds well on dry soil. Has very long roots, and resists drought remarkably. Will bear trampling better than Johnson grass. Propagated by seeds and sets. Price (sets), \$5.00 per 1000.

TEXAS BLUE GRASS (*Poa arachnifera*).—One of the finest grasses for winter pasture in the Gulf States, furnishing a rich green pasture, not unlike the Kentucky Blue Grass, from October to May. Texas Blue Grass for winter and Bermuda Grass for summer pasture have now taken their rank as stand-bys for Southern farmers. It can be eaten quite close 5 or 6 times during the winter—one acre of this grass being sufficient to keep 4 head of stock. Price (sets), \$3.00 per 1000.

JOHNSON GRASS (*Sorghum halapense*).—This grass is becoming more popular every year, not only with farmers South and West, but also as far north as New Jersey. In Texas and other cattle-producing States farmers are planting largely increased areas of Johnson Grass every year, which is sufficient evidence of the value they place on it. It has broad, rich green foliage, and belonging to the Sorghum family it is very rich in saccharine matter and makes most excellent hay for all kinds of stock. Price, lb., 13c.; 100 lbs., \$11.00.

JAPAN CLOVER (*Lespedeza striata*).—This valuable clover is not a new discovery, but has heretofore been so scarce that seeds of it in commerce were rarely to be met with. It is more nutritious than red clover, and makes splendid hay. All kinds of stock relish it to a remarkable extent, and if it were not for the scarcity of the seed this variety would be very largely grown. Grows well on almost any soil and we believe it is destined to be the staple forage plant for pasturing in the South. We cannot recommend it too highly. Price, 100 lbs., \$20.00.

MELILOTUS, or BOKHARA CLOVER (*Honey Plant; Melilotus alba*).—Grows vigorously on the poorest soil and possesses valuable properties as a fertilizer. Extensively grown in the South, both for grazing and for hay, but its chief value is for soiling, for which purpose it may be cut 2 or 3 times during the season. The plant is biennial in duration, growing about 2 feet high the first year and attaining its full growth of about 4 feet the second. Sown in the South generally in the fall, but can be sown either fall or spring. 15 pounds to the acre. Price, 100 lbs., \$20.00.

CALIFORNIA BUR CLOVER (*Medicago denticulata*).—Valuable for winter pasture in the South. All stock eat it freely when they have acquired a taste for it, and the burs left on the ground provide food for hogs and sheep. Succeeds much better than red clover on theocene formation, and is besides much superior as a winter plant. It is of annual duration, but re-seeds itself. Sow at the rate of 10 pounds to the acre. Price, 100 lbs., \$20.00.

THE
LAWN
BEAUTIFUL.

GARDINER'S "SPECIAL" MIXTURES
FOR
PERMANENT EVERGREEN LAWNS.

To produce a fine lawn from seed, only those varieties of grasses that are evergreen in their nature should be used, and all those that have a rank habit, like Timothy, or a tufty growth like Orchard Grass, should be avoided. A tolerable sward can be made by simply sowing Red Top or Blue Grass, and where price is an object, or where large spaces are to be covered that are not particularly prominent, these may be used with perhaps the addition of a pound of White Clover to every bushel, but to make a really beautiful velvety lawn, the addition of the fine-leaved, deep green sorts, such as Sweet Vernal, Fine-leaved Fescue, etc., is imperatively necessary, and in a croquet or tennis ground, where there is a great deal of tramping, the hardy and persistent Crested Dog-tail and Hard Fescue are indispensable.

Gardiner's Mixtures, Nos. 27 and 28, embody in their composition the correct proportions of the best species of Grasses for making a beautiful Lawn. These mixtures comprise not only the early sorts but also those that start into growth all through the season. We are the only house

in the world that prints on their packages, etc., the exact quantities of each sort comprised in their Lawn Mixtures and that guarantees the analysis of same. For prices, etc., see opposite page.

FARM SEEDS.

In common with other houses in the Grass Seed trade we have adopted the "central" system, and now offer by the hundred pounds instead of by the bushel as formerly. Our customers will appreciate the simplicity of the new system.

The prices here given are those holding at first of January, and are subject to variation during the season; we, therefore, do not bind ourselves to fill orders at these prices should the market vary, but customers can depend on receiving lowest market rates at all times. All grass and other agricultural seeds are quoted net cash, and are subject to sight draft after 10 days, without notice. (See terms of sale, 2d page.) Ten-bag lots and over delivered free of cartage to Railroad or Steamer.

CLOVER SEEDS.

	100 Lbs.
Red Clover, ★ Brand Recleaned, Western	\$14.00
Mammoth Red, or Pea Vine	15 50
Alsike Clover (choice)	16 00
White Clover (choice)	25 00
Alfalfa (Lucerne) choice	10 00
Japan Clover	20 00
Bokhara Clover	20 00
California Bur Clover	20 00

GRASS SEEDS.

	100 Lbs.
Timothy (<i>Phleum pratense</i>)	\$5.00 to \$6.00
Red-top or Herd's Grass	4.75 to 5.50
Red-top Gardiner's ★ Band Fancy	
Recleaned	11 00
Orchard Grass	12.00 to 14.00
Blue Grass (Kentucky)	9.00 to 11.00
Blue Grass (Canadian)	10.00 to 12.00

	Lb.	100 Lbs.
Rhode Island Bent	.24	21 00
Fowl Meadow	.20	17 00
English Rye Grass	.10	8 00
Italian Rye Grass	.12	10 00
Tall Oat Grass	.19	16 00
Meadow Fescue	.17	14 00
Tall Fescue	.22	19 00
Fine-leaved Fescue	.28	25 00
Hard Fescue	.15	12 00
Meadow Foxtail	.28	25 00
Rough-stalked Meadow	.40	35 00
Wood Meadow	.40	35 00
Crested Dog's-tail	.23	20 00
Sweet Vernal	.32	28 00
Johnson Grass	.13	11 00
Bermuda Grass (seed)	1.00	90 00

SOUTHERN GRASSES (Sets).

(Shipped direct from the grass-growing districts to customers.)

Bermuda Grass (sets)	\$2.50 per bush.
Texas Blue Grass (sets)	3.00 per 1000.
Louisiana Grass (sets)	5.00 per 1000.

LAWN GRASS (in bulk).

	Lb.	100 Lbs.
Gardiner's No. 27 Special	.23	\$20.00
Gardiner's No. 28 Popular	.19	16 00

LAWN GRASS (in packages).

Gardiner's No. 27 Special	. . . quarts,	\$1.50 per doz.
Gardiner's No. 27 Special, ten-cent pkts.,		.60 per doz.
Gardiner's No. 27 Special, five-cent pkts.,		.30 per doz.

MILLET.

	100 Lbs.
American Millet	\$2.00
German or Golden	2 50
Hungarian	2 50

MISCELLANEOUS FARM SEEDS.

Kaffir Corn (Sorghum)	\$10.00 per	100 lbs.
Canada Field Peas	1.35 bush.	(60 lbs.)
Teosinte (Reana)	80.00 per	100 lbs.
Sorghum, Yellow Branching	8.00 per	100 lbs.
Sorghum, Rural Branching		
(Millo Maize), White	18.00 per	100 lbs
Sorghum, Rural Branching		
(Millo Maize), Yellow	8.00 per	100 lbs
Broom Corn, Improved Evergreen	3.00 per	100 lbs
Prickly Comfrey (sets)	15.00 per	1000



Early Mastodon Field Corn.

An early yellow **Dent Corn** with a great record for productiveness as well as for earliness, fine appearance and large ears. It was raised by Mr. E. S. Clark of Ohio, whose description follows: "I claim for this Corn the largest number of rows on the cob, and the deepest, largest grains of any Corn ever originated. It fully withstands the rigor of our Northern Climate and will outyield any Corn ever grown in this section. Ripens in 90 to 100 days within 8 miles of Lake Erie. It is the earliest Corn in the world, taking into account its size and number of rows on the cob." Qt., 15c.; peck, 50c.; bush., \$1.00.

NEW JAPANESE BUCKWHEAT.

This new variety has proven itself to be a decided acquisition. It is a splendid yielder, being superior in this respect to the Silver Huffl, which was always considered up till now the best of all. The Japanese Buckwheat is more branching in habit than any other, and can be sown much thinner, thus requiring considerably less seed to sow down an acre. In addition to its great productiveness, it is at least from 7 to 10 days earlier, and makes better flour than any other kind of buckwheat. \$1.90 per 100 lbs.



FIELD BEETS, or MANGEL-WURZEL.

The following varieties are grown entirely for feeding stock, and are one of the most important and valuable crops on which the farmer has to depend for a plentiful supply of fresh and healthful stock feed. From a single acre of land in good condition, 30 or 40 tons are frequently harvested, and exceptional crops of 50 and even 60 tons are recorded. Sow at the rate of 4 to 6 pounds per acre.

MAMMOTH LONG RED MANGEL. Very large and productive; a much improved strain. Lb., 15c.; 100 lb. lots, \$12.00.

MAMMOTH LONG YELLOW MANGEL. Similar to preceding, except in color. Lb., 18c.; 100 lb. lots, \$15.00.

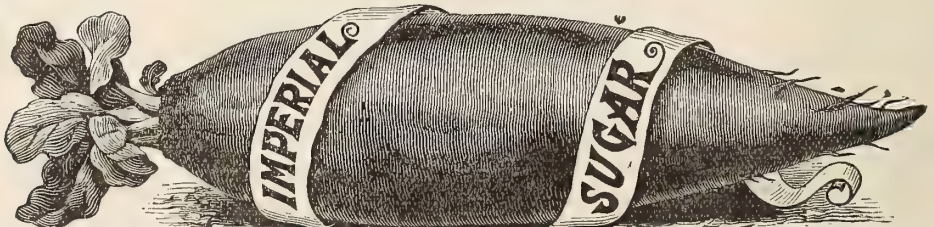
KINVER YELLOW GLOBE. Bright yellow, large, productive, profitable, fine quality. Lb., 15c.; 100 lb. lots, \$12.00.

RED GLOBE MANGEL. Large, productive, fine keeper. Lb., 17c.; 100 lb. lots, \$14.00.

GOLDEN TANKARD MANGEL. Bright yellow, large, handsome, heavy cropper, splendid quality; one of the finest mangels; as high as 70 tons per acre is recorded for this variety. Lb., 20c.; 100 lb. lots, \$18.00.

SUGAR BEETS.

IMPROVED WHITE SUGAR BEET. Does not grow quite so large as the mangels; but is much sweeter and unsurpassed as a feed for milk cows, greatly improving the quality and yield of the milk. Extensively grown for making sugar. Lb., 15c.; 100 lb. lots, \$12.00.



VILMORIN'S IMPERIAL WHITE SUGAR BEET. A French variety, superior to all others in sugar-producing qualities; very popular. Lb., 25c.; 100 lb. lots, \$20.00.

GRAINS.

<p>Barley, Early Canada \$1.50 bush. (48 lbs.) Buckwheat, Silver Hull 2.00 per 100 lbs. Buckwheat, New Japanese 1.90 per 100 lbs. Oats, Welcome,90 bush. (32 lbs.) Oats, White Russian90 bush. (32 lbs.) Rye, Spring 1.50 bush. (56 lbs.)</p>	<p>Rye, Winter \$1.25 bush. (56 lbs.) Wheat, Mediterranean (Winter) 1.75 bush. (60 lbs.) Wheat, Armstrong (Winter) 1.75 bush. (60 lbs.) Wheat, Saskatchewan (Spring) 2.00 bush. (60 lbs.) Wheat, Scotch Fife (Spring) 2.00 bush. (60 lbs.)</p>
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BIRD SEEDS.

	Lb.	100 Lbs.
Canary, Smyrna	\$0.06	\$5.00
Canary, Sicily06½	6.50
Canary, Spanish07	6.00
Hemp, Russian . . . . .	.04½	3.25
Rape, English . . . . .	.05	4.00
Rape, German . . . . .	.04	3.75
Millet, German		2.50
Millet, Brown English		2.50
Millet White French . . . . .	.06	5.00
Paddy or Unhulled Rice . . . . .	.05	4.25
Maw, or Poppy Seed . . . . .	.10	9.00
Sunflower, Large Russian . . . . .	.06	5.00
Cuttle Bone (Best Trieste) . . . . .	.18	16.50
Mocking Bird Food (<i>in bulk</i>) . . . . .	.21	24.00
Mocking Bird Food, in 1-lb. bottles, . . per doz.,		\$2.75

BIRD SEED (in packages).

Gardiner's Choice Mixed, in
 1-lb. packages \$2.20 per case (40 lbs.)

CRYSTAL BIRD GRAVEL in packages.

Hub Washed Crystal, in quart
 packages \$1.50 per case (36 qts.)

POULTRY SUPPLIES.

Gardiner's Medicated Hamburg Moss Litter, per bag, \$1.25; per 5 bags, \$5.50; per 10 bags, \$10.00; per 20 bags, \$19.00.

Gardiner's Choice Ground Beef Scraps, per 10 lbs., 40 cents; per 25 lbs., 80 cents; per 50 lbs., \$1.40; per 100 lbs., \$2.50; per 500 lbs., \$11.00; per 1000 lbs., \$21.00.

Gardiner's Superfine Cracked Oyster Shells, 10 lbs., 25 cents; 25 lbs., 40 cents; 50 lbs., 75 cents; 100 lbs., \$1.25; barrel, 300 to 350 lbs., \$2.50; per ton, \$14.00.

Cracked Poultry Bone, per barrel, \$5.00; per 10 barrels, \$45.00.

Bone Meal for Poultry and Cattle, per barrel, \$5.00; per 10 barrels, \$45.00.

Poultry Wheat, per bushel, \$1.10; per 10 bushels, \$10.00.

Poultry Barley, per bushel, 95 cents; per 10 bushels, \$9.00.

Poultry Buckwheat, per bushel, 90 cents; per 10 bushels, \$8.00.

Imperial Egg Food, 1 lb. 40 cents each, \$4.00 per dozen; 2½ lbs., 80 cents each, \$8.00 per dozen; 6 lbs., \$1.60 each, \$16.00 per dozen; 10 lbs., \$2.40 each, \$24.00 per dozen; 25 lbs., \$6.00 each, \$60.00 per dozen.

Johnson's Condition Powders, 1 lb. 15 cents each, \$1.50 per dozen; 2 lbs. 25 cents each, \$2.50 per dozen.

Sheridan's Condition Powder. This powder is probably the most widely known and most popular of any first-class condiment now on the market. It is strictly a medicine—not an egg food. "Nothing on earth will make hens lay like Sheridan's Condition Powder." 25 cent packages, \$2.00 per dozen; \$1.00 packages, \$10.00 per dozen.

Fay's Hollyhock



AMONG the many noticeable improvements in the old-fashioned garden flowers, none is, perhaps, more striking than the hollyhock. It is almost impossible to trace relationship between the best stocks in cultivation to-day and those grown twenty years ago, so great are the changes in size, substance and coloring. Undoubtedly a large share of the credit for this improvement is due to Mr. M. H. Walsh, gardener to the Hon. J. S. Fay, Wood's Holl, Massachusetts, on whose estate hollyhock culture has attained to such a degree of perfection that a recent writer in the *American Florist* says in regard to a visit of the garden committee of the Massachusetts Horticultural Society to Wood's Holl: "The visitors were hardly prepared for the display of hollyhocks which met their gaze. Such a collection, such variety of coloring, such perfection of bloom and such strong, luxuriant growth was certainly a surprise."

WE HAVE BEEN FORTUNATE ENOUGH IN SECURING A SUPPLY OF SEED IN TWELVE COLORS, FROM THIS FAMOUS

COLLECTION, which we have pleasure in offering our customers; and to enable purchasers of it to obtain best results we give particulars of the method of cultivation adopted by Mr. Walsh: "Hollyhocks intended to flower the following summer should be transplanted in October. Seeds sown in May or June will flower in July of the following year. Seeds sown in July or August will flower in August and early in September the year after. Hollyhocks delight in rich, dry soil; the ground should be dug two feet deep and well enriched with barnyard manure. They should not be planted too close together, 3 x 3 feet at least, and 3 x 4 feet for handsome plants and good specimen flowers. About the 1st of December the plants should be protected by laying on the crown of the plants a branch or two sufficient to keep the barnyard litter or leaves from pressing too heavily, and causing the crown of the plant to decay; six or eight inches of leaves or litter is sufficient, care being used not to put too much on the crown, putting most around the plant. In spring, about the 10th or 15th of March, half of the covering should be removed, shaking up lightly over the plants the other half. If the covering remains on too long, the plants will become drawn and the shoots weak and liable to suffer from late spring frosts. During May and June they may receive abundance of water, as the stalks and foliage absorb a great deal of moisture.

Dark Rose, Buff, White, Light Rose, Crimson and Rose, Flesh Color, Cherry Red, Salmon, Crimson, White Violet Centre, Dark Maroon, Yellow.

Twelve Colors (separate) Trade pkt., \$.50; ounce, \$4.00
 All Colors, mixed " .50 " 3.50

Select Condensed List of Flower Seeds for Florists.

IN submitting our condensed list of Flower Seeds for 1893, a word of thanks is in order for the generous support our friends have accorded us in our efforts to supply them with "the best the world affords" in Flower Seeds. Our constant policy has been to secure the very finest regardless of cost, and the measure of our success may be judged from our large and constantly increasing trade amongst the best growers all over the country. Our strains of CYCLAMEN GIGANTEUM and CHINESE PRIMULA are acknowledged by the most critical growers to be unequalled. Our VERBENAS, ASTERS, COSMOS, MIGNONETTE and other market plants are also extra fine, and we confidently recommend them.

All Flower Seeds quoted by the packet in our Retail Catalogue for 1893 are subject to a discount of 50 per cent. when wanted to sell again; with the exception of NOVELTIES in original packets, which are subject to a discount of from 10 to 20 per cent. from retail list prices.

COUNTER SHOW BOXES For displaying Flower Seeds in packets on the counter. A new design that can be folded and put away when necessary, 30 cents each (their net cost), or will be sent free of charge with all orders of Flower Seeds in packets amounting to \$5.00 or over, provided application is made at the time the seeds are ordered. (See page 3.)

	Trade Pkt.	Oz.
Abronia umbellata, <i>rosy lilac</i>	\$.10	\$.25
" <i>arenaria, yellow</i>	.10	.50
Abutilon, <i>George's magnificent new hybrids</i>	.50	
" <i>best mixed</i>	.25	5.00
Acacia acanthocarpa, <i>pale red, splendid</i>	.50	
" <i>armata, yellow, free flowering</i>	.10	.50
" <i>grandis, golden yellow, fine</i>	.50	
" <i>lophantha, yellow</i>	.10	.25
" <i>superba</i>	.25	1.00
" <i>Many sorts mixed</i>	.10	.25
Achillea Ptarmica, <i>fl. pl., double white</i>	.25	1.00
Achimenes, <i>new hybrids, from a fine collection</i>	.50	
Acroclinium album, <i>white</i>	.10	.20
" <i>roseum, rose</i>	.10	.20
" <i>album fl. pl., double white</i>	.10	.40
" <i>roseum fl. pl., double rose</i>	.10	.40
Adlumia cirrhosa, <i>climber</i>	.25	1.00
Adonis vernalis, <i>red</i>	.10	.20
" <i>vernalis, yellow</i>	.10	.30
Ageratum, <i>Ada Bowman, delicate blue</i>	.25	1.00
" <i>Duchess of Connaught, lavender mauve</i>	.25	1.50
" <i>Imperial Dwarf, dark blue</i>	.15	.50
" <i>Lasseauxii, lovely rose color</i>	.25	1.00
" <i>Little Dorritt, blue</i>	.25	1.00
" <i>Little Dorritt white,</i>	.25	1.00
" <i>Swanley Blue, large flowering</i>	.15	.50
Aloysia citriodora (<i>Lemon Verbena</i>)	.25	2.00
Alyssum, <i>sweet, white</i>	.10	.20
" <i>dwarf, white</i>	.15	.40
" <i>Little Gem (new), white, a charming variety of very dwarf habit, growing about 4 inches high and covering a space a foot square when full grown, very free flowering</i>	.20	.75
Amaranthus tricolor (<i>Joseph's Coat</i>)	.10	.25
Amaryllis (<i>Hippeastrum</i>), <i>Veitch's new hybrids</i>	.50	
Ampelopsis Veitchi (<i>Japanese or Boston Ivy</i>)	per lb. \$4.00	.35
Anchusa capensis, <i>dwarf blue, splendid annual for cutting</i>	.10	.25
Angelonia grandiflora, <i>excellent annual for pots, fine spikes of fragrant blue flowers</i>	.50	
Antigonon leptopus (<i>Mexican Mountain Rose</i>) <i>a grand climber for the greenhouse, large clusters scarlet flowers freely produced</i>	.20	.75

Gardiner's Superb French and German Asters

Fig. 1. **LARGE FLOWERED ROSE.** Beautiful variety of branching habit; large double flowers of brilliant colors.

Fig. 2. **CROWN (White Centred, or Cocarden).**—Large, white-centred flowers, forming a beautiful contrast to the brilliant colored outer petals.

Fig. 3. **TRUFFAUT'S PÆONY-FLOWERED PERFECTION.** This is the most perfect type of Pæony-Flowered Aster in cultivation; in habit, form, size and color it is unrivalled.



Fig. 5. **NEW LARGE-FLOWERED DWARF CHRYSANTHEMUM.** Immense flowers, showy colors, compact habit.

DWARF VICTORIA. Resembles the Victoria, except in height, which is only about 12 inches. The flowers are equally as large and brilliant.

Fig. 4. **NEW LARGE-FLOWERING VICTORIA.** Of Pyramidal form; large, brilliant flowers, beautifully imbricated; the handsomest Aster in cultivation. Our strain is extra fine.

NEEDLE VICTORIA. A charming form with pointed petals; same habit, etc., as the large flowering Victoria.

For prices on above and other varieties of Asters, see opposite page.

ASTERS.

Our strains of Asters have been much praised and are generally admitted by expert growers to be unexcelled for size, brilliancy and variety of colors. We confidently recommend them as being very superior in every respect.

	Trade Pkt.	Oz.
Aster, Truffaut's Pæony Flowered, pure white	\$.25	\$2.00
" " " " scarlet	.25	2.00
" " " " blue, light	.25	2.00
" " " " blue, dark	.25	2.00
" " " " pink	.25	2.00
" " " " mixed	.25	1.75
" Victoria "Prize" Improved, pure white	.25	2.50
" " " " crimson	.25	2.50
" " " " light blue	.25	2.50
" " " " rose	.25	2.50
" " " " mixed	.25	2.00
" Triumph, dark scarlet, dwarf	.50	6.00
" " dark scarlet and white	.50	5.00
" Queen of the Market, three weeks earlier than other varieties, pure white, dwarf	.25	2.50
" " mixed (5 colors)	.25	2.00
" dwarf pyramidal bouquet, mixed	.25	2.50
" dwarf Chrysanthemum, pure white	.25	2.50
" " " mixed	.25	2.00
" Dwarf Victoria Aster, pure white	.25	3.50
" " " dark crimson	.25	8.50
" " " rose	.25	3.50
" " " light blue	.25	3.50
" " " dark violet	.25	3.50
" " " mixed	.25	3.00
" Cocardeu or Crown (white centre), mixed,	.25	2.50
" Comet, white and lilac	.50	4.00
" " rose	.50	4.00
" " rose and white	.50	4.00
" " reddish lilac	.50	4.00
" " light blue	.50	4.00
" " light blue and white	.50	4.00
" " pure white (new), original packet, 25c.		
" " mixed	.25	3.50
" Mignon, pure white	.25	3.50
" " rose (new)	.50	6.00
" " light blue (new)	.50	6.00
" " mixed	.25	3.00
" Princess or Snowball, (new) pure white, resembles a Liliput Dahlia, long bloomer, excellent for florists	.50	7.00
" Needle or Hedgehog, mixed	.25	2.50
" Jewel or Ball (new) apple blossom	1.00	10.00
" " " deep rose	1.00	9.00
" " " crimson	.25	3.50
" " " rose and white, original packet, 25c.		
" Betteridge's Quilled, mixed	.10	.50
" Giant Emperor, mixed	.25	3.00
" Washington, finest mixed	.25	2.50
" Harlequin (striped petals), mixed	.25	2.50
" Prince of Wales, crimson	.25	2.50
" Queen of the Earlies, pure white (new), the earliest of all, may be had in bloom beginning of July. Habit and shape of bloom same as Queen of the Market	.25	3.00
" Gardiner's "XL" Mixture, specially prepared by ourselves from the finest strains in cultivation. All the principal races and colors are represented	.25	2.50
Antirrhinum (Snap Dragon), mixed	.15	.40
" " Tom Thumb, mixed	.15	.50
Aquilegia (Columbine), finest single and double mixed	.10	.25
Aristolochia siphon (Dutchman's Pipe)	.10	2.00
" " elegans (new)	.25	
Auricula, English, saved exclusively from finest prize flowers	.50	
" " Alpine, saved from a very superior strain	.25	
Balsam, "Gardiner's Inimitable" Double White, dwarf, very double, a much improved strain, pure white	.25	1.50
" " Improved Camellia flowered, Benary's choicest strain, mixed colors	.25	2.50
" " mixture of finest double sorts (rose flowered and spotted)	.10	.50
Begonia, Gold Medal Strain, single, tuberous-rooted	.50	
" " double	1.00	
Bellis perennis (English Daisy), white	.25	3.50
" " " red	.25	2.50
" " " Longfellow, pink	.50	6.00
" " " mixed	.25	2.50

Our seeds of English Daisy are saved in England; much superior to the French and German strains.

Brachycome (Swan River Daisy), blue .10 .50



NEW DOUBLE ANNUAL HYBRID
CHRYSANTHEMUM.

**New Double Annual
Hybrid
Chrysanthemums**

(*Chrysanthemum Carnatum* Fl. Pl.)

This valuable and most unique novelty has resulted from carefully hybridizing and selecting for several years the semi-double varieties of this useful annual already existing, until a high degree of doubleness has been attained. They are extremely variable, and it is impossible to describe the beautiful forms which have been produced, as conveyed by our engraving. Some are pure white, yellow or crimson, but the prevailing types are bronzy yellow, the florets tinged with red or lilac rose, the imbricated ray florets beautifully penciled, others have rich crimson centres with clear yellow guard petals. Although mostly very double, there will still be an occasional semi-double or even single, but these are almost equally charming. The horticultural press have given most favorable comments respecting this novelty. Trade pkt., 15c.; oz., 50c.

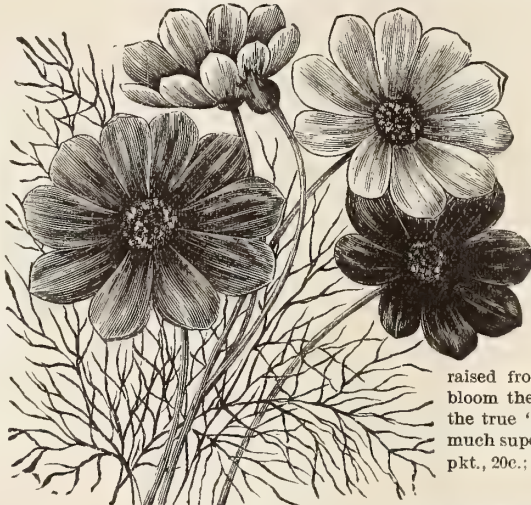
**MARGUERITE
CARNATIONS.**

A new race of Carnations, flowering 4 months after sowing.

It is seldom that any novelty produces such a general and deserved sensation as this new race of Carnations has created. Their distinguishing characteristic, and the one which makes this race of supreme importance, is the fact that they will commence to flower 4 months after the seeds are sown. The plants are of healthy and vigorous growth, and develop their flower stalks with great rapidity. The stems are strong enough to keep erect without support, and the flowers are produced in the greatest profusion. They run through quite a variety of colors—white, scarlet, carmine, rose, striped purple, violet, salmon, etc. Seed sown under glass in March and transplanted to the open ground in May, will commence flowering in August, and will give an endless supply of their beautiful blossoms for a long time. The flowers are exceedingly brilliant in color, and the calyx does not burst. This new race has received the endorsement of some of our most prominent horticulturists, and are acknowledged to be a wonder of our time. About 80 per cent. of the plants will come full double. Trade pkt., 25c.; oz., \$2.50.



MARGUERITE CARNATIONS.



COSMOS HYBRIDUS.

Cosmos Hybridus.

As a cut flower for vases or personal wear the grace and beauty of the Cosmos is unequalled. Commences to bloom in September and continues through October—the flowers bearing a slight frost remarkably. Cuttings struck in August in rich soil make fine dwarf plants covered with bloom. Potted and taken in-doors in November the plants will bloom freely and last for a considerable time. Easily raised from seed, and if sown early bloom the first season. Our strain is the true "AMERICAN IMPROVED," and much superior to imported seed. Trade pkt., 20c.; oz., 75c.



ELMWOOD GIANT MIGNONETTE.

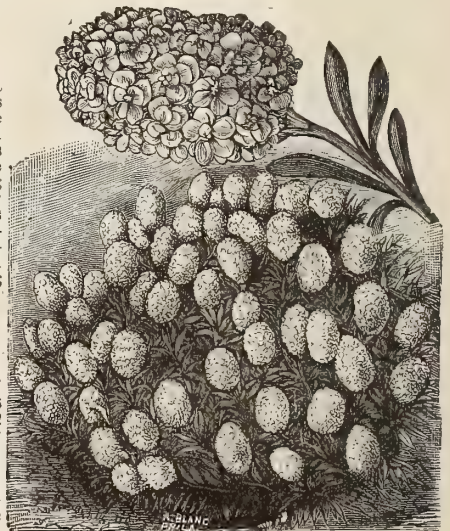
Mignonette.

ELMWOOD GIANT.

This Mignonette is a special selection of a famous grower, whose Mignonette spikes have always excited the wonder and envy of his competitors. The plants are of a robust pyramidal habit; fine healthy growers. They throw up very large spikes of reddish-tinted, deliciously fragrant flowers. Unsurpassed for pot and bench culture. Trade pkt., 20c.; oz., 75c.

**Dobbie's Giant
White Spiral
Candytuft.**

Produces spikes 4 to 6 inches in length and 2 inches in diameter. Very compact form, something after the style of the old white Scotch Rocket. A grand good thing, invaluable for cutting. Trade pkt., 15c.; oz., 50c.



GIANT WHITE SPIRAL CANDYTUFT.

CONDENSED LIST OF FLOWER SEEDS—Continued.

	Trade Pkt.	Oz.
Brachycome, (Swan River Daisy), white	\$.10	\$.50
Browallia elata, blue . . . . .	.10	.50
“ “ white . . . . .	.10	.50
Cacalia coccinea, scarlet . . . . .	.10	.25
“ lutea, yellow . . . . .	.10	.25
Calandrinia umbellata, blue, dwarf . . . . .	.10	.50
Calceolaria, Thompson's Dalkeith Park Strain . . . . .	.50	
Calendula "Meteor," orange striped . . . . .	.10	.25
“ Prince of Orange, deep orange . . . . .	.10	.25
“ grandiflora, fine new variety . . . . .	.10	.35
Calliopsis Drummondii . . . . .	.10	.25
“ lanceolata . . . . .	.25	
Campanula, single mixed . . . . .	.10	.25
“ double mixed . . . . .	.20	.75
“ Dean's new strain . . . . .	.25	1.50
Candytuft, Tom Thumb, white . . . . .	.10	.30
“ New Carmine . . . . .	.15	.50
“ Empress . . . . .	.15	.50
“ Dobbie's giant white spiral . . . . .	.15	.50
“ White Rocket . . . . .	.10	.20
“ mixed . . . . .	.10	.20
Canna, Crozy's New varieties, fine mixed	per lb., \$5.00	.15 .50
Carnation, Perpetual, extra choice strain, saved from stage flowers . . . . .	.50	
“ “ good mixed . . . . .	.25	2.50
“ Grenadin, double scarlet . . . . .	.25	3.00
“ “ white . . . . .	.50	
“ Marguerite, double mixed . . . . .	.25	2.50
Celosia cristata nana, very choice mixed . . . . .	.25	2.00
“ pyramidalis (plumosa), mixed . . . . .	.10	.40
“ Glasgow Prize (Cockscomb), Symes Improved . . . . .	.25	2.00
Centaurea cyanus, mixed . . . . .	.10	.25
“ “ Emperor William, dark blue . . . . .	.10	.35
“ “ nana compacta, "Victoria," original packet, 25c.		
“ gymnocarpa, silver-leaved . . . . .	.20	.75
“ candidissima, “ . . . . .	.25	3.00
Centaurea suaveolens, yellow . . . . .	.15	.50
Chrysanthemum, Spaulding's Strain, saved from choicest exhibition varieties	1.00	
“ Golden Gate Strain, saved from a very extensive and select collection in California. California saved seed has extra strong vitality	1.00	
“ annual, fine mixed . . . . .	.10	.25
“ Frutescens (Paris Daisy), white . . . . .	.25	2.00
“ “ Etoile d'Or, golden yellow . . . . .	.25	2.00
“ carnatum, new double annual hybrids . . . . .	.15	.50
Cineraria, James & Wetherill's superb strain ($\frac{1}{8}$ oz., \$6.00)	1.00	
“ maritima candidissima, silver-leaved . . . . .	.15	.50
Cobæa scandens, blue	per lb., \$7.00	.20 .75
“ “ white . . . . .	.25	1.50
Convolvulus Mauritanicus, blue, for hanging baskets . . . . .	.20	.75
“ tricolor (Dwarf Morning Glory), mixed . . . . .	.10	.20
“ major (Morning Glory) mixed . . . . .		.15
Cosmos hybridus, true American hybrids, mixed . . . . .	.20	.75
“ “ pure white . . . . .	.25	1.00
“ “ "The Pearl," pure white, large . . . . .	.25	1.25
Cyclamen Persicum, Wiggin's Strain, mixed . . . . .	.50	5.00
“ “ Giganteum, Gardiner's superb, XX mixed		
100 seeds 500 seeds 1000 seeds		
\$2.00 \$8.00 \$15.00	.50	28.00
Cypress Vine, scarlet . . . . .	.10	.25
“ “ white . . . . .	.10	.25
“ “ ivy leaved, scarlet . . . . .	.10	.25
“ “ mixed . . . . .	.10	.25
Daisy, English. (See Bellis perennis.)		
Dahlia, single, ex. choice mixed . . . . .	.25	1.50
“ double, “ . . . . .	.25	1.50
“ “ pompon, extra choice mixed very dwarf . . . . .	.25	2.50
“ “ Liliput, “ . . . . .	.25	2.50
Delphinium Formosum, blue . . . . .	.15	.50
“ Dwarf Rocket (Larkspur), mixed . . . . .	.10	.20
Dianthus Chinensis. (China Pink) double mixed . . . . .	.10	.25
“ “ double white . . . . .	.15	.40
“ Heddeewigi, finest double mixed . . . . .	.15	.50
“ diadematus, “ “ . . . . .	.20	.75
“ laciniatus, fringed mixed, . . . . .	.15	.40



CELOSIA PYRAMIDALIS PLUMOSA.

NEW GOLDEN PLUME COCKSCOMB.

A useful subject for cutting and also one of the most ornamental plants in cultivation for the summer garden. Very distinct novelty. Trade pkt., 10c.; oz., 50c.

NEW GOLDEN JAPANESE COCKSCOMB.

Fine pyramidal habit; elegantly branched and bearing grand flowerspikes. New and fine. Trade pkt., 50c.; oz., \$3.00.



PRIMULA SINENSIS (Chinese Primula.)

GARDINER'S SUPERB CHINESE PRIMULAS.

The Chinese Primula has long been a favorite florists' flower, and it has never been seen in greater perfection than now—some very rare and remarkable varieties having been produced within the past few years. Our strain is from a celebrated European specialist, and is acknowledged to be superior to all other strains now on the market. The many flattering testimonials we have received warrants us in recommending this strain very highly.

Choicest fringed (not fern leaved), 100 seeds	1000 seeds	Trade pkt.
beautiful colors	\$.35	\$2.50
Choicest fringed (fern leaved), 100 seeds		\$1.00
beautiful colors . . . . .	.50	3.50
		1.00



GARDINER'S "INIMITABLE" DWARF DOUBLE WHITE BALSAM.

In this we offer a perfectly double, pure white Balsam of fine dwarf, compact habit and a vigorous hardy grower. Great care has been exercised in selecting this variety, which we think is about as near perfection as possible. Trade pkt., 25c.; oz., \$1.50.



BLACK-EYED SUSAN (*Thunbergia*).

THUNBERGIA (Black-Eyed Susan).

This pretty and useful trailer is always popular and salable. We offer a mixture comprising all the best colors. Trade pkt., 15c.; oz., 40c.



CYCLAMEN GIGANTEUM.

CYCLAMEN.

A marked advance in size, form, color and substance has been made lately in this elegant flower. Our *Giganteum* strain is selected with great care from the improved English sorts brought out by James Thompson, Clark and other celebrated growers.

The *grandiflorum* strain represents the finest of the large flowering sorts from the French growers.

<i>Cyclamen Persicum Giganteum</i> , 100 seeds.	500 seeds.	1000 seeds.
beautiful colors	\$2.00	\$8.00
<i>Cyclamen Persicum Grandiflorum</i> ,		\$15.00
beautiful colors	2.00	8.00
<i>Cyclamen Persicum (Wiggen's Strain)</i> , Trade pkt.,	50c.; oz.,	\$5.00

CONDENSED LIST OF FLOWER SEEDS—Continued.

	Trade Pkt.	Oz.
Dianthus plumarius (Hardy Garden Pink), <i>double mixed</i>	\$.50	\$5.00
“ “ (Show or Florists' Pinks) Turner strain, <i>very scarce</i> , per 100 seeds, \$2.50		
“ “ “ “ Alegatiere's strain, <i>new, very choice</i> ; per 100 seeds, \$1.50.		
“ caryophyllus. (See under Carnation.)		
Eschscholtzia, <i>mixed</i>	.10	.25
Feverfew, <i>double white</i>	.10	.25
Freesia refracta alba, <i>white</i>	.25	1.50
“ Leichtleni major, <i>yellow</i>	.25	2.50
Fuchsia, <i>choicest mixed</i> , per 100 seeds, 50c.		
Forget-me-not. (See Myosotis.)		
Gaillardia Lorenziana, <i>double mixed</i>	.15	.40
“ grandiflora hybrida, XX	.20	.75
Gloxinia, <i>Choicest French, splendid mixed</i>	.50	
Grevillea robusta, <i>beautiful foliage plant</i>	.25	1.00
Gypsophila elegans, <i>white</i>	.10	.25
“ paniculata, <i>white</i>	.10	.25
Helianthus cucumerifolius (New Miniature),	.10	.25
Heliotrope, <i>fine mixed</i>	.25	1.00
“ <i>mixed</i>	.25	1.50
Hollyhock, Chater's Strain, <i>splendid mixed</i>	.25	3.00
“ Benary's Prize Strain, <i>splendid mixed</i>	.50	5.00
“ “ “ <i>pure white</i>	.50	5.00
“ Fay's Prize Strain, <i>twelve colors, separate</i>	.50	4.00
“ “ “ “ “ <i>mixed</i>	.50	3.50
“ Choicest German, <i>mixed</i>	.25	1.50
“ “ “ <i>white, red, pink and yellow, each</i>	.25	2.00
Impatiens Sultani, <i>rosy-scarlet, charming pot plant, producing flowers all the season, easily raised from seed</i> . Per 1000 seeds, \$1.25; $\frac{1}{2}$ oz., \$2.50	.50	
Ipomœa grandiflora hybrida (Moonflower), <i>pure white</i> . A valuable new sort, blooms 35 to 40 days earlier than the old variety. Soak the seeds 24 to 48 hours in warm water and remove part of the shell before sowing. Keep moist. Per lb., \$7.00	.25	.75
Leptosyne maritima, <i>golden yellow</i> . A charming single flower resembling a Coreopsis, but larger, long stems, excellent for cutting, easily grown	.15	.50
Linaria cymbalaria (Kenilworth Ivy), <i>fine for hanging baskets</i>	.25	1.50
Lobelia gracilis, <i>blue</i>	.15	.75
“ erinus, Emperor William, <i>dwarf, dark blue</i>	.20	1.50
“ “ compacta alba, <i>dwarf, pure white</i>	.20	1.25
“ speciosa, Cobalt Blue, <i>compact</i>	.20	1.50
“ “ Crystal Palace, <i>deep blue</i>	.20	1.00
“ “ compacta, <i>extra selected</i>	.25	2.00
“ “ “ “ “ <i>saved from cuttings</i>	.25	3.50
“ Royal Purple, <i>rich violet-purple, white eye</i>	.25	2.00
Lychnis Chalcedonica, <i>scarlet</i>	.10	.25
“ Haageana hybrida, <i>mixed</i>	.20	1.00
Marigold (Tagetes) French, <i>mixed</i>	.10	.20
“ “ “ <i>very dwarf, yellow</i>	.10	.20
“ “ “ “ <i>striped and spotted</i>	.10	.20
“ “ “ <i>African, mixed</i>	.10	.20
“ “ “ <i>quilled, lemon</i>	.10	.20
“ “ “ “ <i>orange</i>	.10	.20
Maurandya grandiflora, <i>blue</i>	.20	1.50
“ “ <i>white</i>	.25	3.00
“ “ <i>rose</i>	.15	.75
“ <i>fine mixed</i>	.20	1.25
Mignonette, <i>new dwarf, Covent Garden</i>	.15	.50
“ Machet (true), <i>fine for pots</i>	.20	.75
“ Garaway's white (new)	.25	1.00
“ Elmwood giant, <i>large and fine</i>	.20	.75
“ Miles' spiral	.10	.25
“ Crimson Queen	.10	.35
“ grandiflora odorata	.10	.20
Mimulus moschatus (Musk)	.25	3.00
“ compactus (new), <i>very fine</i>	.50	7.00
“ cardinalis grandiflorus, <i>dark red, extra</i>	.25	3.00
“ Clapham's superb strain, <i>beautiful colors, very large flowers</i>	.50	4.00
“ tigrinus grandiflorus, <i>new tigered and spotted varieties</i>	.25	3.00
Mina lobata, <i>a fine climber</i>	.50	
Momordica balsamina (Balsam Apple)	.10	.25
“ charantia (Balsam Pear)	.10	.25
Musa ensete (Abyssinian Banana)	per 100 seeds, \$1.50; per 1000 seeds, \$12.50	.25
Musk. (See Mimulus Moschatus.)		
Myosotis palustris (Forget-me-not), <i>blue</i>	.20	1.50



We make a specialty of choice Pansy Seed, and believe our collection embraces the cream of the best strains of this popular flower. *We spare no pains* to procure the product of the largest flowers and best colors from the collections of expert growers in this country as well as those of France, Germany, England and other parts of Europe, regardless of the cost of same, believing that *quality* is the true test of cheapness and that only the very best is worth the time and trouble of growing, especially if grown for market purposes.

That growers appreciate our efforts to supply them with the choicest strains obtainable the great increase in the number of our orders every season is ample evidence and well repays us for the extra care and trouble in catering to intelligent buyers. We find no difficulty in selling at an enhanced price if growers can be convinced that the quality warrants the difference over ordinary strains. For this reason our strains have been procured with the same vigilant care as heretofore and may be relied on to embrace the latest and best productions of the Pansy experts in different parts of the world. We are able to put lower prices on some of the new and choice strains this season, and this, we are glad to say, without any reduction in the highest standard of quality.

	Trade Pkt.	1/8 Oz.	1/4 Oz.	1/2 Oz.	Oz.
Pansy, English, Choicest Fancy,	\$.50	\$1.50	\$2.75	\$5.25	\$10.00
“ “ and Scotch, Choicest “Show,” . . . . .	.50	3.00	5.00		
“ Cassier’s Superb Giant, . . . . .	.25	1.00	1.75	3.25	6.00
“ Roemer’s Giant Five Spotted, . . . . .	.50	3.00	5.00		
“ New Odier, or Prize Blotched, . . . . .	.25	1.00	1.75	3.25	6.00
“ Bugnot’s Giant French, . . . . .	.50	1.00	1.75	3.25	6.00
“ Giant French Stained, . . . . .	.50	1.00	1.75	3.25	6.00
“ Trimardeau Giant French, . . . . .	.25	.60	1.00	1.75	3.00

PANSY, GARDINER’S INTERNATIONAL PRIZE.

Our “International” Prize Strain contains all the above sorts in mixture as well as many other beautiful varieties. Since we first offered this strain of Pansy in 1888, the demand for it has kept on increasing at a phenomenal rate, indicating that we have hit the right method of arriving at the finest combination in a mixture of Pansy seeds in size and substance of flower as well as in diversity, beauty and brilliancy in the colors of same. This mixture does not depend for its excellence on the merit of any *one* expert’s growing; but combines the peculiar excellencies of *all* the Pansy experts whose productions have obtained more than a local reputation. Besides the choice character of the seed itself, another pleasing feature of the “International” is the moderate price at which we offer it.

Trade Pkt.	1/8 oz.	1/4 oz.	1/2 oz.	oz.
\$.50	\$1.25	\$2.25	\$4.25	\$8.00

PRIMULA FLORIBUNDA.

A free blooming Yellow Primrose, exceedingly valuable for Florists’ use. The following description is taken from a recent number of the *London Garden* :

“**Floribunda** well deserves its name, as it seems impossible to possess a plant that flowers more abundantly or is more easily managed. It is not quite hardy, and although it has been frequently tried out of doors, no one has yet succeeded in keeping it two consecutive winters. In a cool house it will commence blooming in September and will continue to flower almost without a break until the following September. When allowed to flower so long, however, the plants become exhausted and will have to be renewed from seed, as they divide badly and are rarely ever satisfactory afterwards. It resembles more nearly *P. verticillata* than any other species known to us; the leaves are, however, non-mealy, the flowers a rich canary yellow. It should, as stated above, be regularly raised from seed, as the old plants are next to useless. Native of the western Himalayas.” Trade pkts., 50c. and \$1.00.

CONDENSED LIST OF FLOWER SEEDS—Continued.

	Trade Pkt.	Oz.
Myosotis palustris semperflorens , blue, dwarf, very free flowering	\$.25	\$2.00
“ <i>alpestris</i> , blue	.20	1.00
“ “ <i>Eliza Fonrobert</i> , large and fine	.20	1.00
“ “ <i>Victoria</i> (new), grand for pots	.25	3.00
“ <i>rupicola</i> , deep blue, lovely species	½ oz., \$1.00	.50
“ <i>dissitiflora</i> , beautiful dark blue	.50	4.00
Nasturtium , tall or climbing, mixed	per lb., \$.50	.10
“ “ <i>crimson</i>	“ .75	.15
“ “ <i>yellow</i>	“ .75	.15
“ “ <i>pearl</i> (new)	“ 1.00	.15
“ dwarf or Tom Thumb , mixed	“ .75	.10
“ “ <i>Empress of India</i> , crimson	“ 2.00	.20
“ “ <i>Beauty</i> , yellow and scarlet	“ 1.00	.15
“ “ <i>Lady Bird</i> (new) variegated	“ 2.50	.20
“ “ <i>King</i> , scarlet	“ 1.50	.15
“ “ <i>rose</i>	“ 1.00	.15
“ “ <i>yellow</i>	“ 1.00	.15
Nicotiana affinis , pure white, fine fragrant	.20	1.00
Nierembergia frutescens , lilac	.20	1.00
“ <i>gracilis</i> , blue	.15	.75
Nycteria capensis , lilac	.20	1.00
“ <i>selaginoides</i> , white	.15	.75
Oxalis , rosea	.20	1.00
“ “ <i>alba</i>	.20	1.00
“ “ <i>delicata</i>	.20	1.00
“ <i>tropæoloides</i> , yellow flowers dark brown foliage, fine for ribboning	.20	1.00
“ <i>floribunda alba</i> , fine white, very free	.20	1.00
Pansy English , choicest fancy varieties, mixed	.50	
“ “ <i>show</i>	.50	
“ Cassier's superb giant , mixed	.50	6.00
“ Roemer's giant five-spotted , mixed	.50	
“ New Odier , or prize blotched, mixed	.50	6.00
“ Bugnot's giant French , mixed	.50	6.00
“ Large stained French , mixed	.50	
“ Trimardeau giant French , mixed	.25	5.00
“ GARDINER'S "INTERNATIONAL," mixed	.50	8.00
Our "International" contains all the foregoing choice strains, besides many other beautiful sorts.		
Pansy, German , striped and mottled	.10	1.50
“ “ <i>atropurpurea</i>	.10	1.00
“ “ <i>albo-Marginata</i>	.10	1.00
“ “ <i>azure-blue</i>	.10	1.00
“ “ <i>black-blue</i>	.10	1.25
“ “ <i>bronze</i>	.10	1.00
“ “ <i>Snow Queen</i>	.10	1.25
“ “ <i>Emperor William</i>	.10	1.25
“ “ <i>King of the Blacks</i>	.10	1.00
“ “ <i>Fawn</i>	.10	1.00
“ “ <i>gold margined</i>	.10	1.25
“ “ <i>havana brown</i>	.10	1.00
“ “ <i>light blue</i>	.10	1.00
“ “ <i>mahogany</i>	.10	1.00
“ “ <i>white margined</i>	.10	1.00
“ “ <i>white, black centre</i>	.10	1.00
“ “ <i>yellow</i>	.10	1.00
“ “ <i>Yellow Gem</i> , pure yellow	.10	1.00
“ “ <i>Lord Beaconsfield</i> , violet, shaded	.10	1.25
“ “ Improved large flowering , mixed	.10	1.00
“ “ <i>fine mixed</i>	.10	.60
Papaver Alpinum (Alpine or Celandine Poppy), orange	.25	3.50
“ “ “ “ white	.50	4.50
“ “ “ “ yellow	.50	
“ “ “ “ <i>rose, Novelty of 1893. Original packet, 25c.</i>		
“ nudicaule (Iceland Poppy), bright yellow	.20	1.50
“ “ white	.20	1.50
“ “ orange-scarlet	.25	2.00
“ Orientalis bracteatum , scarlet, very large	.15	.75
Petunia , single, fine mixed	.10	.50
“ “ large flowering, choice mixed	.50	5.00
“ “ Hender's superb strain , unequalled	½ oz., \$2.50; ¼ oz., \$4.50	1.00
“ double, blotched and striped, large flowering, extra		1.00
“ double, Hender's superb strain, XX	¼ oz., \$5.00	1.00

Boston Forcing Stock.



BOSTON FORCING STOCK.

One of the Finest Double White Stocks in Cultivation.

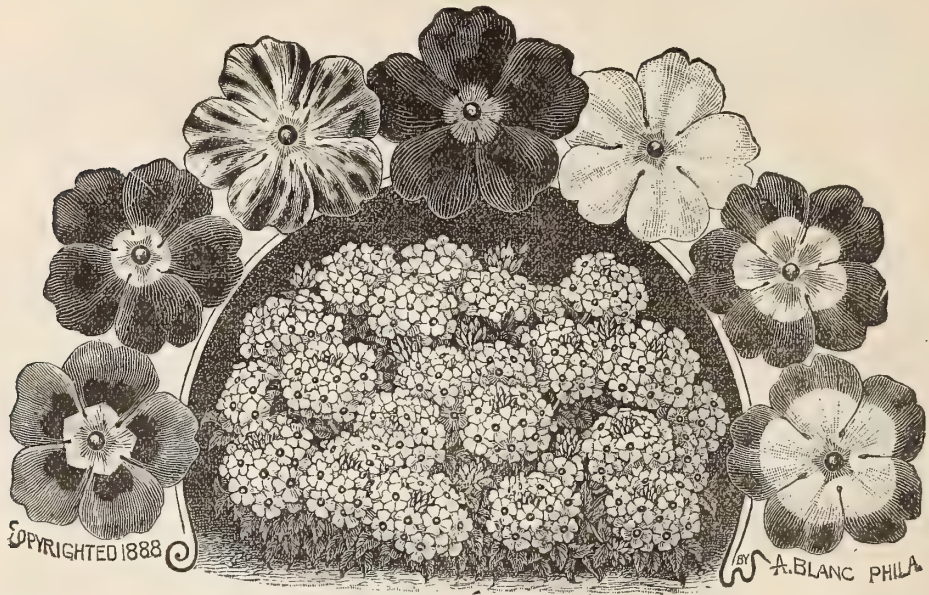
THE seeds of this justly noted and popular strain have been saved for us by an experienced grower in the vicinity of Boston. We carefully inspected this grower's stock last spring when the plants were in full flower, and were so impressed with the quality of same that we considered ourselves fortunate in being able to secure our supply of seeds from that source. Fully 90 per cent. came full double, the spikes were very large and the individual blossoms were also of unusual size, finely formed and of excellent substance. This variety is a vigorous, healthy grower, sending up numerous spikes to every plant, and is one of the very best sorts that the commercial grower can use. It is grown very largely in the vicinity of Boston and is considered by the growers in that locality to be the best in cultivation. We are glad to be able to offer to our customers **genuine seed** of this fine variety, as we feel sure it deserves, and will soon attain more than a local reputation. Trade pkt., 50c.; oz., \$4.00.

Gardiner's Perfection Double White Stock.

NEVER fails to produce a large percentage of pure white perfectly double flowers. All who have tried this fine strain are highly pleased with it. It is a vigorous grower and bears large spikes of flowers. Trade pkt., 50c.; oz., \$4.00.

CONDENSED LIST OF FLOWER SEEDS—Continued.

	Trade Pkt.	Oz.
Petunia, Dwarf, single, (<i>nana compacta multiflora</i>)	\$.50	\$4.00
" " double,	$\frac{1}{2}$ oz., \$3.50	1.00
Phlox Drummondii grandiflora, <i>splendid mixed</i>	per lb., \$7.00	.15
" " <i>nana compacta, extra fine mixed</i> . . . . .		.25
" " " " Snowball, <i>pure white</i> . . . . .		.25
" " " " Fireball, <i>crimson</i> . . . . .		.25
" " Heynholdii, <i>mixed, fine for pots</i> . . . . .		.25
" " <i>cuspidata, fine mixed</i> . . . . .		.20
" " <i>fimbriata,</i> " . . . . .		.20
" " Graf Gero, <i>mixed, excellent market sort</i> . . . . .		.25
" " double white, (<i>new</i>), <i>fine for bouquets</i> . . . . .		.25
" <i>decussata</i> (<i>perennial</i>), <i>Lierval's superb strain</i> . . . . .		.25
Pink. (<i>See Dianthus.</i>)		
Polyanthus, Cloth of Gold, <i>splendid</i>	1.00	10.00
" " Crimson King, "	1.00	10.00
" " White Queen, "	1.00	10.00
" " large flowering, <i>extra choice mixed</i> . . . . .	.50	4.00
Poppy, choice double, <i>mixed</i> . . . . .	.10	.25
" " single, " . . . . .	.10	.25
" <i>perennial.</i> (<i>See Papaver.</i>)		
Portulaca grandiflora, <i>finest single mixed</i> . . . . .	.10	.25
" " fl. pl., <i>finest double mixed</i> . . . . .	.25	3.50
Primrose, English, Dean's high-colored hybrids	1.00	10.00
" " " " Crimson Beauty	1.00	
" " " " Harbinger, <i>white</i>	1.00	
" " " " yellow . . . . .	.25	2.00
Primula floribunda, <i>yellow, free, fine for cutting</i>	1.00	
" " <i>Japonica, choicest mixed</i> . . . . .	.25	2.50
" " <i>rosea, alpine, very free bloomer</i>	1.00	
" " <i>sinensis fimbriata XX, mixed</i>	35c. per 100 seeds ; \$2.50 per 1000 seeds.	1.00
" " " " <i>Filicifolia, XX, mixed</i>	50c. per 100 seeds ; \$3.50 per 1000 seeds.	1.00
" " " " fl. pl., <i>double white</i>	1.00	
" " " " <i>mixed, beautiful colors</i>	1.00	
Pyrethrum aureum (<i>Golden Feather</i>) . . . . .	.15	.60
" " double perennial hybrids, <i>new French, choice mixed</i>	1.00	10.00
Ricinus Cambodensis, <i>dwarf, dark foliage, very graceful</i> . . . . .	.15	.75
" " <i>Borboniensis arboreus, green, tall, splendid</i>	per lb. \$1.00	.15
" " <i>sanguinea, blood-red, beautiful variety</i> . . . . .	.75	.15
" " <i>fine mixed</i>	1.00	.15
Salpiglossis grandiflora, <i>choice mixed</i> . . . . .	.20	1.00
Salvia splendens, <i>bright scarlet</i> . . . . .	.25	2.00
" " <i>patens beautiful sky blue</i> . . . . .	.50	
Scabiosa, large flowering German, <i>mixed</i> . . . . .	.10	.25
" " dwarf German, <i>mixed</i> . . . . .	.10	.25
Smilax (<i>Myrsiphyllum</i> or <i>Medeola</i>),	per lb., \$5.00	.10
Stevia serrata, <i>pure white</i> . . . . .	.15	.75
Stock, large flowering German, Ten Week, white . . . . .	.25	3.00
" " " " " " canary yellow . . . . .	.25	3.00
" " " " " " bright rose . . . . .	.25	3.00
" " " " " " crimson . . . . .	.25	3.00
" " " " " " blood red . . . . .	.25	3.00
" " " " " " finest mixed . . . . .	.25	2.50
" " " " Wall-flower-leaved, Ten Week, white . . . . .	.25	3.50
" " " " " " crimson . . . . .	.25	3.50
" " " " " " yellow . . . . .	.25	3.50
" " " " " " blue . . . . .	.25	3.50
" " " " " " mixed . . . . .	.25	3.00
Stock, Boston Forcing, double white, <i>extra</i> . . . . .	.50	4.00
" " Gardiner's Perfection, double white, <i>extra</i> . . . . .	.50	4.00
" " "Cut and Come Again" (<i>Princess Alice</i>), double white . . . . .	.50	4.00
" " "Snowflake," dwarf, Wall-flower-leaved, double white, very fine forcing stock, $\frac{1}{2}$ oz. \$2.00 . . . . .	.50	
Streptocarpus, Veitch's new hybrids . . . . .	.50	
Sweet Pea Adonis, <i>carmine</i>	Trade Pkt.	Oz.
" " Apple Blossom, <i>rose, shaded blush</i> . . . . .	.10	1.00
" " black purple . . . . .	.10	1.25
" " black purple-striped . . . . .	.10	1.00
" " Butterfly, <i>white tinted lilac</i> . . . . .	.15	1.50
" " Captain of the Blues, <i>blue and purple</i> . . . . .	.15	1.50
" " Captain Clark, <i>tricolor</i> . . . . .	.10	1.00
" " Cardinal, <i>crimson-scarlet</i> . . . . .	.15	1.50
" " Countess of Radnor, <i>mauve and lilac</i> . . . . .	.20	2.00
" " dark red . . . . .	.10	1.00



NEW MAMMOTH VERBENA.

VERBENA, NEW MAMMOTH.

Our strain of Mammoth Verbena is saved from the best colored and largest flowers only, and is sure to give the greatest satisfaction. We also call special attention to the strain offered as "Choice Mixed." This is very fine, and although not so large as the **Mammoth**, it has a character and grace all its own, while the great variety of colors, the fine trusses of bloom, and the free flowering habit of the plants make it very desirable. We can strongly recommend both the strains.



ZINNIA ELEGANS, 'CHOICE DOUBLE, LARGE-FLOWERED.

ZINNIAS, NEW LARGE FLOWERING.

The finer strains of large flowering Zinnias have attracted considerable attention in recent years. The "New Large Flowering" which we offer is a really magnificent strain, the plants being covered from July until frost with a profusion of the handsomest blossoms in all shades, from pure white to dark crimson. This strain includes some remarkably clear yellows, very effective in the mass and useful for cutting. The "**Grandiflora Robusta**" strain is remarkable for the great size and fine form of the blossoms. We pay particular attention to our strains of Zinnias and can recommend them as extra fine.

CONDENSED LIST OF FLOWER SEEDS—Continued.

	Trade Pkt.	Oz.	Lb.
Sweet Pea Delight, white, tinted rose	\$.10		
" " Dorothy Tennant, rosy mauve, Eckford, 1893, original packet, 35c.			
" " Duchess of Edinburgh, scarlet, shaded rose		\$.15	\$ 1.50
" " Empress of India, rose and white	.10	.20	2.00
" " Fairy Queen, white and rose		.10	1.25
" " Grand Blue		.10	1.25
" " Her Majesty, soft rosy pink, Eckford, 1893, original packet, 35c.			
" " Ignea, fiery scarlet flushed purple, Eckford, 1893, original packet, 35c.			
" " Indigo King, maroon		.10	1.25
" " Invincible Scarlet		.10	1.25
" " Invincible Carmine		.10	1.25
" " Isa Eckford, creamy white and rose	.20	1.00	
" " light blue and purple		.10	1.00
" " Lemon Queen bluish and lemon, Eckford, 1893, original packet, 35c.			
" " Miss Blanche Ferry, pink and white		.10	1.50
" " Monarch, bronzy-crimson and blue	.10	.20	2.50
" " Mrs. Gladstone, bluish, edged pink		.15	1.25
" " Mrs. Sankey, pure white	.10	.20	2.00
" " Mrs. Eckford, delicate shaded primrose, Eckford, 1893, original pkt., 40c.			
" " Orange Prince, orange pink and scarlet	.10	.20	2.00
" " Painted Lady, pink and white		.10	1.00
" " Primrose, yellowish	.10	.20	2.00
" " Princess Beatrice, rose	.10	.30	4.00
" " Princess of Wales, white, blue striped		.15	1.50
" " Purple Prince, deep blue and purple	.10	.20	2.00
" " Queen of the Isles, scarlet, mottled white and purple	.10	.20	2.00
" " red striped		.10	1.00
" " The Queen, pink and mauve		.10	1.25
" " Vesuvius, spotted		.10	1.00
" " Violet Queen		.15	1.50
" " Waverley, rosy claret and blue, Eckford, 1893, original packet, 35c.			
" " white	.10	.20	2.00
" " Fine Mixed		.10	.75
" " Eckford's Fine Mixed		.15	1.50
" " Gardiner's "Fairy" Mixture,		.15	1.50
		Trade Pkt.	Oz.
Sweet William, single, splendid mixed		.10	.25
" " double, " "		.15	.75
Tagetes signata pumila , splendid for edgings		.10	.30
Thunbergia alata , buff dark eye		.10	.40
" " alba, white, dark eye		.10	.40
" " aurantiaca, orange		.10	.40
" " Bakeri, pure white		.10	.40
" " Fryeri, orange, dark eye		.10	.40
" " sulphurea, pale yellow		.10	.40
" " mixed		.10	.40
Torenia Fournieri grandiflora , large., sky blue		.50	7.00
" " white wings (new)		1.00	
" " Bailloni, yellow, brown spots		.50	
Tropæolum canariense (Canary Bird Vine)		.10	.10
" " Lobbianum, finest mixed		.10	.30
" " speciosum, bright scarlet		.50	
Verbena , choicest mixed		.20	1.50
" " fine mixed		.15	1.00
" " New Mammoth, choice mixed		.25	3.00
" " scarlet		.20	1.50
" " pure white		.20	1.50
" " blue		.20	1.50
" " yellow		.20	1.50
" " Montana		.10	.50
" " Lemon-scented (<i>Aloysia</i>)		.25	2.00
Vinca rosea		.15	1.00
" " alba oculata		.15	1.00
" " alba pura, pure white		.15	1.00
" " fine mixed		.15	1.00
Violet , sweet, The Czar, blue		.25	2.50
" " white		.25	3.00
Wall-flower , Double German, mixed		.25	2.50
Zinnia , extra choice, double, mixed, large flowering		.10	.30
" " " " dwarf, mixed, large flowering		.10	.50
" " " " separate colors " "		.10	.60
" " robusta grandiflora plenissima		.15	.75

Hybridized Chrysanthemum Seed.

NEW

"Golden Gate"

STRAIN.

California Grown.

Superb Vitality.



WE have pleasure in again offering this strain of seed of choice Hybridized Chrysanthemums. Mr. Haetel has placed his whole stock in our hands for distribution, and he assures us that the quality is even finer than that of last season (if that were possible), on account of his having the latest new sorts added to his collection from which he selects the plants for seed saving. Being saved under the sunny skies of California, the seeds are so thoroughly ripened that they grow with great ease and vigor. Every seed will spring. Our Eastern saved seed is deficient in vitality and is consequently much harder to raise. We can recommend the "Golden Gate" strain with confidence as being very superior in every way and unique as to vitality, and have no doubt but some new and beautiful varieties will result from it. Chrysanthemum growers should not miss this. The strain is well worthy of a trial.



Trade Packets of the "Golden Gate" Strain, \$1.00.

What they say of the "Golden Gate" Strain.

From the *few* packets of seeds of the "Golden Gate" Strain which were distributed last season we have received some very favorable reports, a few of which we append herewith.

EVERY IMAGINABLE COLOR AND FORM.

The "Golden Gate" Chrysanthemum seed has turned out entirely satisfactory in every way; a large proportion of them have come double and every imaginable color and form is represented; a few of them have the form of Lillian Bird but different shades. We have labeled seventeen of them to try another season and think there are some good ones among them. We are entirely satisfied with our purchase.

Yours very truly

DAVID HARLEY & CO., Providence, R. I.

WANTS MORE OF IT.

The "Golden Gate" Chrysanthemum seed is the best I ever tried. Scarcity and inferiority of help during the summer was almost fatal to all my seedlings and I was inclined this fall to let the whole lot perish where they grew. But curiosity as to their quality and make up finally resulted in about one-third of the plants being transplanted (then in bud) into a cold pit, where they have flourished and matured. The balance of the plants were left standing and a temporary home built over them. The result is the most wonderful range of color and diversity of style imaginable. The survival of these seedlings, under so many adverse conditions, settles the question of vigor. I shall select a large number of the most promising from which to propagate.

If you continue to handle this strain the coming season, please put me down for another packet and I will remit when notified.

From seedlings next season I shall take cuttings and raise them to a single stem so as to bring each bloom to its limit of perfection, and thus bring them into comparison with old sorts.

Very truly yours,

C. F. BENEDICT, Darien, Conn.

THREE GOOD VARIETIES.

The "Golden Gate" Chrysanthemum seed germinated very freely; one large cream-colored anemone, one bronzy yellow and one pink are of merit. The anemone is fine; one of the flowers was exhibited at the New York Chrysanthemum Show and at the Philadelphia Show.

JAMES SEMPLE, Bellevue, Pa.

MANY NOVEL COLORS.

The seed I purchased of you last spring of Hybridized Chrysanthemum "Golden Gate" strain proved entirely satisfactory. There were many novel colors among them.

SAML. PARKER (Gardener to Major L. S. Bent), Steelton, Pa.

MORE THAN PLEASED.

We were more than pleased with the lot of plants raised from the packet of Chrysanthemum Seed "Golden Gate" strain which we got of you last season. We raised 400 plants out of the packet, 350 of which came double and 50 single. Both the single and double were large and well formed, and there were about 75 different shades of color. I wish you could have seen our patch of seedlings when they were in full bloom. Some of them were very early bloomers.

WM. KRUMM & SONS, St. Josephs, Mo.

SPLENDID VITALITY, FINE BLOSSOMS.

The "Golden Gate" Chrysanthemum seed bought of you last spring germinated splendidly, and the blossoms of some of them are very fine, although some have not opened yet.

J. F. ALLEN, Pine Castle, Fla.

UNLIKE ANYTHING HE HAS SEEN.

The Chrysanthemum seed I purchased of you last spring, the "Golden Gate" strain, I would consider worthy of another year's trial. From the lot of plants I grew from it, about 20 have been selected for another year's growing, as they are unlike anything I have yet seen.

L. R. KRAMER, Wooster, O.

TRADE PACKETS OF THE "GOLDEN GATE" STRAIN, \$1.00.

TREE, SHRUB, VINE AND HEDGE SEEDS.

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
Balsam Fir (<i>Abies balsamea</i>), . . . . .	.05	\$.20	\$2.00	Russian Mulberry (<i>Morus moretti</i>),	\$.10	\$.30	\$3.00
Hemlock Spruce (<i>Abies canadensis</i>), . . . . .	.15	.50	5.00	Swiss Stone Pine (<i>Pinus cembra</i>), . . . . .	.05	.15	1.00
Douglas Fir (<i>Abies Douglasii</i>), . . . . .	.10	.30	3.00	Sea Pine (<i>Pinus pinaster</i> or <i>maritima</i>), . . . . .	.05	.15	1.00
Norway Spruce (<i>Abies excelsa</i>), per 100 lbs., \$70.00, . . . . .	.05	.15	1.25	Austrian Pine (<i>Pinus Austriaca</i>), . . . . .	.05	.15	1.50
Silver Fir (<i>Abies pectinata</i>) . . . . .	.05	.15	1.50	Corsican Pine (<i>Pinus laricio</i>), . . . . .	.10	.30	3.00
Norway Maple (<i>Acer platanoides</i>), . . . . .	.05	.15	1.50	Stone Pine (<i>Pinus pinca</i>), . . . . .	.05	.15	1.00
Sycamore Maple (<i>Acer pseudo-platanus</i>), . . . . .	.05	.15	1.50	Scotch Fir or Pine (<i>Pinus Sylvestris</i>), . . . . .	.05	.20	2.00
Sugar Maple (<i>Acer saccharinum</i>), . . . . .	.05	.15	1.25	White or Weymouth Pine (<i>Pinus Strobus</i>), . . . . .	.10	.40	4.00
Dutchman's Pipe (<i>Aristolochia siphon</i>), . . . . .	.10	2.00		Buckthorn (<i>Rhamnus Cathartica</i>), . . . . .	.05	.20	2.00
Barberry (<i>Berberis vulgaris</i>), . . . . .	.05	.15	1.50	Yellow Locust (<i>Robinia pseudoacacia</i>), . . . . .	.05	.10	.60
White Birch (<i>Betula Alba</i>), . . . . .	.10	.35	3.50	Wild Rose (<i>Rosa Canina</i>), . . . . .	.05	.10	.60
Weeping Birch (<i>Betula pendula</i>), . . . . .	.05	.25	2.50	Arbor Vitae, Chinese (<i>Thuja Orientalis</i>), . . . . .	.05	.20	2.00
Allspice or Strawberry Tree (<i>Calycanthus Floridus</i>), . . . . .	.05	.20	2.00	" " American (<i>Thuja Occidentalis</i>), . . . . .	.05	.20	2.00
Shellbark (<i>Carya alba</i>), per qt., 60c. . . . .	.05	.20	2.00	" " Giant (<i>Thuja gigantea</i>), . . . . .	.15	.80	8.00
Catalpa Speciosa (<i>Hardy catalpa</i>), . . . . .	.05	.20	2.00	" " Golden (<i>Thuja aurea</i>), . . . . .	.10	.40	4.00
Cladrastis Tinctoria (<i>Yellow wood</i>), . . . . .	.15	1.20	12.00	" " Siberian (<i>Thuja Siberica</i>), . . . . .	.15	.70	7.00
Dogwood (<i>Cornus Florida</i>), . . . . .	.05	.15	1.50	European Linden (<i>Tilia Europea</i>), . . . . .	.05	.15	1.00
Lawson's Cypress (<i>Cupressus Lawsoniana</i>), . . . . .	.10	.60	6.00	American " (<i>Tilia Americana</i>), . . . . .	.05	.20	2.00
Blue Gum (<i>Eucalyptus globosus</i>), . . . . .	.15	1.00	7.00	Furze, Whin or Gorse (<i>Ulex Europaeus</i>), . . . . .	.05	.15	1.00
White Ash (<i>Fraxinus alba</i>), . . . . .	.05	.15	1.00	Wistaria, Chinese (<i>Wistaria Sinensis</i>), . . . . .	.15	1.00	10.00
Scotch Broom (<i>Genista scoparia</i>), . . . . .	.05	.10	.80				
Honey Locust (<i>Gleditschia triacanthos</i>), per 100 lbs., \$35.00, . . . . .	.05	.10	.50	FRUIT SEEDS.			
Silver Bell or Snowdrop Tree (<i>Halesia tetra- ptera</i>) . . . . .	.10	.30	3.00	Apple, . . . . .	.05	.10	.50
English Ivy (<i>Hedera helix</i>), . . . . .	.05	.15	1.50	Apricot Pits, . . . . .	.05	.10	.50
Holly (<i>Ilex opaca</i>), . . . . .	.05	.15	1.50	Cherry Pits, Black Mazzard, . . . . .	.05	.10	.60
Butternut (<i>Juglans cinerea</i>), 40c. per qt. . . . .	.05	.15	.75	Currant, Red Dutch, . . . . .	.05	.20	2.00
Black Walnut (<i>Juglans nigra</i>), 40c. per qt. . . . .	.05	.15	.75	" " White Dutch, . . . . .	.10	.40	4.00
Red Cedar (<i>Juniperus Virginiana</i>), . . . . .	.05	.15	1.50	" " Cherry, . . . . .	.05	.30	4.00
Juniper (<i>Juniperus Communis</i>), . . . . .	.05	.15	1.50	" " Black, . . . . .	.10	.40	4.00
European Larch (<i>Larix Europaea</i>), . . . . .	.05	.15	1.50	Gooseberry, Red, . . . . .	.15	1.25	12.00
Privet (<i>Ligustrum vulgare</i>), . . . . .	.05	.15	1.50	" " Green, . . . . .	.15	1.25	12.00
Tulip Tree (<i>Liriodendron tulipifera</i>), . . . . .	.05	.15	1.00	" " Yellow, . . . . .	.15	1.25	10.00
Osage Orange (<i>Maclura aurantiaca</i>), per 100 lbs., \$35.00, . . . . .	.05	.10	.50	Pear, . . . . .	.05	.20	2.00

AGRICULTURAL AND HORTICULTURAL BOOKS.

The undernoted are standard and reliable works on horticulture and agriculture, and as we have made special arrangements with the publishers, we give our customers the benefit of the reduced prices. We mail free, to any address, at the cash prices annexed.

THE GARDEN.			Pub-lishers' Price.	Net Cash Price.	THE FARM.			Pub-lishers' Price.	Net Cash Price.		
Play and Profit in my Garden	Rev. E. P. Roe,	\$2.00	\$1.80	Allen's New American Farm Book Rich'd L. Allen,	\$2.50	\$2.25	Farming for Profit,	John E. Read,	3.75	3.38	
Gardening for Profit (new ed.),	Henderson,	2.00	1.80	French's Farm Drainage,	Judge French,	1.50	1.35	How the Farm Pays,	{ P. Henderson & W. Crozier,	2.50	2.25
Gardening for Pleasure (new ed.),	Henderson,	2.00	1.80	Facts for Farmers, 1100 pages,	Solon Robinson,	5.00	4.50	Silos and Ensilage,	George Thurber,	.50	.45
Ornamental Gardening,	E. A. Long,	2.00	1.80	Yankee Farming,	{ " Timothy Bun-ker, Esq.,"	1.50	1.35	Farm Implements and Machinery, Thomas,		1.50	1.35
Money in Garden,	Quinn,	1.50	1.35	Book of the Farm,	Waring,	2.00	1.80	American Cattle,	Allen,	2.50	2.25
Practical Floriculture (new ed.),	Henderson,	1.50	1.35	The Pig,	Harris,	1.50	1.35	Youatt on Sheep,	Wm. Youatt,	1.00	.90
Handbook of Plants,	Henderson,	3.00	2.70	American Dairying,	Arnold,	1.50	1.35				
Parsons on the Rose,	Sam'l B. Parsons,	1.50	1.35								
Your Plants, and How to Grow Them,	Sheehan,	.40	.36								
Lilies and their Culture,	Dr. Wallace,	1.65	1.48								
Success in Market Gardening,	W. W. Rawson,	1.00	.90								
Garden and Farm Topics,	Henderson,	1.50	1.35								
FOREST.					POULTRY.						
Fuller's Practical Forestry,	S. Fuller,	1.50	1.35	An Egg Farm,	Stoddard,	.75	.68	Practical Poultry Keeper,	Wright,	2.00	1.80
The Forester,	James Brown,	10.00	9.00	Profitable Poultry Keeping,	Stephen Beale,	1.50	1.35				
Book of Evergreens,	Hoopes,	3.00	2.70								
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Field Notes on Apple Culture,	L. H. Bailey, Jr.,	.75	.68	Elements of Scientific Agriculture, Norton,75	.68	Injurious Insects of the Farm and Garden,	Treat,	2.00	1.80
Barry's Fruit Garden,	Barry,	2.00	1.80	Canary Birds, . . . . .		.75	.68	Book of Birds,	Holden,	.25	.23
Fruit Culture,	W. C. Strong,	1.00	.90	Rural Architecture,	Allen,	1.50	1.35	Graperies and Horticultural Buildings,	Woodward,	1.00	.90
Grape Growers' Guide,	Chorlton,	.75	.68	Quinby's New Bee Keeping,		1.50	1.35				
Fruit and Fruit Trees of America,	Downing,	5.00	4.50								
Small Fruit Culturist,	Fuller,	1.50	1.35								
Grape Culturist,	Fuller,	1.50	1.35								
Peach Culture,	Fulton,	1.50	1.35								
Pear Culture,	Quinn,	1.00	.90								
Cranberry Culture,	White,	1.25	1.13								
Small Fruits,	Hills,	1.00	.90								

NEW BOOKS.

"THE GARDEN'S STORY."—G. H. ELLWANGER.



A delightful new book; a rare treat for all lovers of a beautiful garden. 356 pages, gilt; published at \$1.50; our price, \$1.38, free by mail.

HENDERSON'S NEW "HANDBOOK OF PLANTS."

Revised and enlarged as this valuable publication now is, it is undoubtedly the most practical and complete work of its kind in this country, and should be in the hands of all amateurs and young florists and gardeners. It is a bulky volume of over 500 pages and is profusely illustrated. Price, \$4.00; free by mail.

SENSIBLE LOW-COST HOUSES.

This contains plans, illustrations and complete descriptions of 56 New, Beautiful and Cheap Country Houses, costing from \$800 to \$7500. Shows how you can build a \$2000 house for \$1750, and how to make them handsome, convenient, healthy, light, cool and airy in summer, warm and cheaply heated in winter. Price, \$1.00 by mail; given free with an order for \$5.00 from this catalogue.

Summer Flowering Bulbs.

AMARYLLIS BELLA-DONNA is a well-known hardy Amaryllis, but the sort we offer here is a greatly improved variety, bearing larger flowers of brighter colors, sometimes assuming a deep rose tint, and they are produced in the greatest abundance as soon as established in the garden or in pots. Extra large bulbs, \$15.00 per 100; \$2.00 per doz.

AMARYLLIS EQUESTRE is an equally desirable bulb for pot culture, blooming almost as soon as planted. The flowers often measure 5 inches across, beautiful orange, shaded to clear green in centre. Improves yearly and sure to delight. Large bulbs, \$8.00 per 100; \$1.25 per doz.

AMARYLLIS FORMOSISSIMA. No Amaryllis can approach this in brilliancy of color which is of the deepest, most intense velvety scarlet. One of the rarest and richest colors among flowers. \$8.00 per 100; \$1.25 per doz.



AMARYLLIS.

CALADIUM ESCULENTUM.

(Elephant's Ear.)

A grand foliage plant producing enormous leaves, 3 to 4 feet in length in fully developed specimens. Superb as a lawn decorative. \$9.00 per 100; \$1.25 per doz.

MADEIRA VINE. Well-known roots of rapid growth, soon covering an arbor with dark green foliage, covered in the fall with clusters of white, sweet-scented flowers. \$2.00 per 100; 30c. per doz.

APIOS TUBEROSA. Somewhat similar to the above, but bearing clusters of purple Wistaria-like flowers which are very fragrant. \$2.00 per 100; 30c. per doz.



CALADIUM ESCULENTUM.

ZEPHYRANTHES (*Zephyr Flowers*). Of easiest growth, producing spike after spike of fine, large Amaryllis-like flowers, most delicate and attractive. We have 3 varieties, viz: **Z. Atamasco**, pure white, \$3.50 per 100; 50c. per doz.; **Z. Rosea**, pink, \$4.00 per 100; 60c. per doz., and **Z. Sulphurea**, which is entirely new and bears flowers of a rich, coppery yellow; a fine sort, \$10.00 per 100; \$1.50 per doz.

HYACINTHUS CANDICANS. A perfectly hardy Hyacinth, blooming during August and September. Its fine, large, bell-shaped flowers of greenish white are borne on spikes often 4 to 5 feet high; very desirable. \$2.00 per 100; 30c. per doz.

CAMASSIA ESCULENTA.

In contrast to the above we are pleased to offer this fine-blooming, hardy bulb, similar in growth to *H. Candicans*, but bearing flowers of a beautiful shade of blue. We offer this for the first time and are sure that it will prove an acquisition. \$6.00 per 100; \$1.00 per doz.



HYACINTHUS CANDICANS.



The Three Gems.

MILLA BIFLORA (*Frosty Millia*). Gem No. 1. Delightfully fragrant, white waxy-like flowers, enlightened by a living sparkle. As many as eleven flower stalks will shoot up from one bulb. \$4.00 per 100; 60c. per doz.

BESSERA ELEGANS (*Coral Drops*). Gem No. 2. Will bloom shortly after being planted and will continue until frost. Flower stems 1 to 2 feet high, flowers bell shaped, bright coral scarlet with white cups and dark blue anthers. \$4.00 per 100; 60c. per doz.

CYCLOBOTHA (*Golden Shell*). Gem No. 3. Quite distinct, the flowers are golden yellow, with fine black dots in the petals; profuse bloomer and very effective. \$4.00 per 100; 60c. per doz.



DWARF FRENCH HYBRID CANNAS

UNLESS it be the new large-flowering Begonias, there is probably no race of plants which have shown the same marvellous development in the past few years as the Cannas. For many years Cannas have been extensively grown for their grand foliage, so appropriate in bedding work; but now that we have these New Dwarf Varieties, with flowers as large as a spike of Gladiolus, and of surpassing beauty and brilliance in coloring, their usefulness has been greatly extended both for bedding purposes and for specimen plants. We have selected the varieties that are considered the most superb in this superb new race, and can assure our customers that they will be surprised and delighted with them.

MADAM CROZY CANNA.

The best Dwarf Canna yet introduced. The Madam Crozy has already produced a sensation among the few experts who have seen it grown, and the limited amount of stock in existence is being held at enormous prices. We are glad to be able to offer our customers stock of this splendid Canna at a moderate figure; but would advise early orders as the demand is bound to far exceed the supply.

This variety bears immense trusses of dazzling scarlet flowers, distinctly bordered bright yellow, and borne in the greatest abundance. For size and brilliancy of blossoms it surpasses all others. The habit is dwarf and vigorous, and the foliage a most charming shade of green. Undoubtedly the best Canna ever introduced. 25c. each; \$2.50 per doz.; \$20.00 per 100. (Ready March 1, 1893.)

STAR OF '91 CANNA.

After the Madam Crozy, this is the best Dwarf Canna in cultivation. It is a perpetual bloomer and quite distinct from all others, being about 6 inches dwarfier than the Madam Crozy, and bearing large trusses of dazzling scarlet flowers margined with gold. A perpetual bloomer. Even after the plant has blossomed all summer in the garden, it can be potted in the fall and will give an almost endless supply of flowers during the winter. In addition to the main shoot, it sends up persistently little side shoots, and every one of these will bloom and produce large flowers 4 to 5 inches wide, and each petal 1 to 1½ inches broad. It keeps in bloom all the time, and the flowers under glass are even larger and finer than those produced out of doors. 20c. each; \$2.00 per doz.; \$15.00 per 100. (Ready March 1, 1893.)

OTHER NEW DWARF VARIETIES.

Adolph Wieck. Crimson, green foliage, 4 feet.

Admiral Courbet. Yellow, spotted with crimson, green foliage, 4 feet.

H. L. De Vilmorin. Brownish red, edged with bright yellow, pea-green foliage, 4 feet.

Emile L'Eclerc. Bright yellow, mottled with crimson, very large and fine.

Francois Crozy. Salmon, edged with yellow, green foliage, 4 feet.

Geoffrey St. Hillaire. Scarlet and orange, dark foliage, 4½ feet.

Paul Burt. Scarlet, bronze foliage, 4 feet.

Tonkin.

Above varieties, 15c. each; \$1.25 per doz.; \$8.00 per 100.



GARDINER'S STAR COLLECTION OF SUMMER BLOOMING GLADIOLI.

NAMED VARIETIES.

	Doz.	100.	1000.
Ceres,	\$0.35	\$2.75	\$25.00
Eugene Scribe, . . . . .	.45	3.25	30.00
General Sherman, . . . . .	.45	3.25	30.00
*Isaac Buchanan, . . . . .	.45	3.25	30.00
*John Bull, . . . . .	.35	2.75	25.00
La Marck, . . . . .	.45	3.25	30.00
Le Poussin, . . . . .	.45	3.25	30.00
Maria Dumortier, . . . . .	.45	3.25	30.00
Madam Monneret, . . . . .	.45	3.25	30.00
Napoleon III, . . . . .	.35	2.75	25.00
*Shakespeare,	1.00	7.00	
Ambrose Verschaffelt, . . . . .	.45	3.25	30.00
Antonius, . . . . .	.45	3.25	30.00
*Brenchleyensis, . . . . .	.20	1.00	8.00
Couranti fulgens, . . . . .	.45	3.25	30.00
Felicien David, . . . . .	.45	3.25	30.00
James Veitch,	1.00	6.00	50.00
Margarita, . . . . .	.45	3.25	30.00
Meyerbeer, . . . . .	.45	3.25	30.00
Nestor, . . . . .	.45	3.25	30.00
Ovide, . . . . .	.45	3.25	30.00
Princess of Wales, . . . . .	.45	3.25	30.00

CHOICE AMERICAN AND FRENCH HYBRIDS.

Hybrids of Gandavensis.

	Doz.	100	1000
Gardiner's fine mixed,	\$0.20	\$1.25	\$10.00
Gardiner's supe. fine mixed, . . . . .	.25	1.50	12.50
White and light shades, mixed, . . . . .	.30	2.25	20.00
Pink shades, mixed, . . . . .	.25	1.75	16.50
Red and scarlet, mixed, . . . . .	.20	1.25	10.00
Striped and variegated, mixed, . . . . .	.25	1.75	16.50
Yellow, mixed, . . . . .	.30	2.25	20.00

LEMOINE'S GLADIOLI.

This brilliant class of Gladioli is entirely distinct, and is distinguished for brilliant orchid-like colors and hardness. \$3.50 per 100; 50c. per doz.

GLOXINIAS.

A beautiful class of spring and summer flowering greenhouse plants with large bell-shaped flowers of great substance and remarkable diversity of color, running through the different shades of blue, purple, crimson and white, some being tigered and spotted. Strong bulbs, very fine, assorted colors. \$10.00 per 100; \$1.50 per doz.

EXCELSIOR PEARL TUBEROSES.

Dwarf growing, with long spikes, very double. Fine large bulbs, 20c. p. r doz.; \$1.25 per 100; \$9.00 per 1000; 5000 lots at \$8.00 per 1000.



EXCELSIOR PEARL TUBEROSE.

**NEW
LARGE-FLOWERING
TUBEROUS
BEGONIAS.**

Neither brush nor pen can do justice to these magnificent new flowers. The immense size of the individual blossoms, their remarkable richness and variety of color, their grand substance and unsurpassed blooming qualities cannot be overestimated, and in the new race here offered these characteristics have reached their climax.

The marvellous improvement during the past few seasons by such men as Cannell, Laing, Box and others, has excited the wonder and admiration of flower lovers in both hemispheres to a remarkable extent. Their re-flowering qualities are well known and appreciated, and when the magnificent developments in the size of the flowers, their brilliant colors, and diversity of form are considered in addition, it is small wonder that this new race should create a sensation. Blooms measuring 3 to 4 inches in diameter are frequent, and there are well authenticated instances on record of blooms measuring as much as 6 inches in diameter. Indications point to this as the flower of the future for summer bedding as well as for potculture. Our tubers are all grown by a world-famous specialist in Begonias, and our customers are therefore justified in indulging in the brightest expectations of a rare and beautiful show of grand blooms, that are bound to create a sensation wherever seen.



For the decoration of the summer flower garden there are few subjects which can equal them in their variety of flowering and freedom of bloom. Planted out in a bed like Geraniums, they continue a mass of flowers during the whole summer, and they are as easily grown as Geraniums or any of the other ordinary bedding plants, and are certainly far superior to many species of plants that are now largely grown for bedding purposes. The colors range from white, salmon, and yellow to the most dazzling scarlet and crimson. They withstand heat remarkably, and continue to bloom when nearly all other flowers fail to open their blossoms. The tubers may be preserved during the winter the same as Gladiolus. The exceedingly low price at which we quote this magnificent strain is something remarkable, even among our offerings in this line, which are acknowledged to be extraordinary value.

Singles.				Doubles.			
	Doz.	100.	1000.		Doz.	100.	1000
Scarlet,	\$1.25	\$8.00	\$75.00	Red,	\$2.00	\$15.00	\$140.00
White,	1.25	8.00	75.00	White,	2.00	15.00	140.00
Rose,	1.25	8.00	75.00	Yellow,	2.00	15.00	140.00
Yellow,	1.25	8.00	75.00	Pink,	2.00	15.00	140.00
Crimson,	1.25	8.00	75.00	Crimson,	2.00	15.00	140.00
Pink,	1.25	8.00	75.00	Salmon and Buff,	2.00	15.00	140.00
Mixed,	1.00	7.00	65.00	Mixed,	1.75	12.50	110.00



Beautiful Japanese
LILIES.

Imported direct from the Japanese Bulb Farms by JOHN GARDINER & Co., Seed Growers, Importers and Dealers, Philadelphia, Pa., U. S. A.

"QUEEN OF LILIES."

THE GOLDEN-RAYED LILY OF JAPAN (*Lilium auratum*). Ivory-white, thickly strewn with purple studs, with a broad band of light golden-yellow extending from tip to base of each petal. Very large and fragrant. We offer again this season a splendid stock of sound, well-ripened bulbs, our own direct importation from Japan, at a price which places this beautiful Lily within reach of all.

Selected Bulbs \$10.00 per 100; \$1.50 per doz.

Original cases contain 100 bulbs.



ROSE-COLORED JAPANESE LILY.
(*Lilium Kramerii*.)

ROSE-COLORED JAPANESE LILY.

(*Lilium Kramerii*.)

One of the rarest and most delicately beautiful of the Japanese Lilies. It is indigenous to the mountains of Senano, in the island of Nipon, and also to the hills near Kioto, at an elevation of 3,000 to 4,000 feet above sea level. Quite distinct in character from any other lily in cultivation, the foliage and stem resemble a slender growing *auratum*; the flowers are of a lovely rose color and of the form shown in the engraving; sweet scented, chaste and refined in form. The bulbs of *Kramerii* are about the size of a walnut—bulbs even smaller than this will produce a flower—and require the same treatment as *auratum*. Customers who were disappointed on account of the scarcity of the bulbs last season will please send in their orders early. \$20.00 per 100; \$2.50 per dozen.



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LILIAM SPECIOSUM

SPECIOSUM GROUP

OF JAPANESE LILIES.

SPECIOSUM RUBRUM (Syn. *Lancifolium rubrum*). White, heavily spotted with rich crimson. The *speciosum* and its varieties are magnificent border plants, and are also excellent for pot culture. Extra Selected, \$10.00 per 100; \$1.25 per doz.

SPECIOSUM ALBUM. Large white flowers, with a greenish band running through the centre of each petal; very fine. Extra Selected, \$15.00 per 100; \$2.00 per doz.

SPECIOSUM ROSEUM. White, stained and spotted rose. \$10.00 per 100; \$1.25 per doz.

SPECIOSUM PUNCTATUM. Blush ground, spotted with crimson; a distinct and charming sort, distinguished for its delicacy and distinctness of coloring, as well as for its grace of form and fine substance. \$3.75 per doz.



TIGRIDIA.

GAY QUEEN, or QUEEN LILY. So-called on account of the beauty of the flowers. This is a most desirable bulb called *Phædranassa*, which bears large umbels of snowy flowers, 2 to 4 inches long, embracing a variety of colors. It is of the easiest growth, blooming freely and producing fine foliage as a pot plant. We have 3 sorts, viz:

PHÆDRANASSA CHLORACEA. Flowers purplish rose tipped with green. \$15.00 per 100; \$2.00 per doz.

PHÆDRANASSA GLORIOSA. Scarlet, yellow and green. A scarce variety. \$17.50 per 100; \$2.25 per doz.

PHÆDRANASSA VIRIDIFLORA. Most curious green and yellow flowers; fine bulbs. \$12.50 per 100; \$1.65 per doz.

CRINUM KIRKY.—This magnificent bulb, which often attains the size of 6 to 8 inches, producing flowers of the greatest beauty. Usually 2 flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish-purple stripe through the centre. A plant which always creates a sensation when it blooms, which it does with the greatest freedom. \$3.75 per doz.



PHÆDRANASSA.

TIGRIDIAS (Shell Flowers, Tiger Flowers). These are amongst the most gorgeous flowers in cultivation; of enormous size; often 6 inches across, and produced in the greatest profusion for many months of the year.

TIGRIDIA GRANDIFLORA ALBA (New). Pure white, with centre most beautifully mottled, crimson and yellow, exceedingly attractive. \$4.00 per 100; 60c. per doz.

TIGRIDIA CONCHIFLORA. Beautiful yellow, spotted crimson. \$2.00 per 100; 30c. per doz.

TIGRIDIA GRANDIFLORA. Enormous bright crimson, spotted yellow. \$2.75

per 100; 35c. per doz.
TIGRIDIA BUCCIFERA (New, the blue Tigridia). Flowers large, velvety, purplish blue; very brilliant and scarce. \$2.00 per doz.



IRIS KÄMPFERI (*Japan Iris*).

IRIS KÄMPFERI (*Japan Iris*). No more noble, brilliant and interesting flowers than these can be produced. They come in hundreds of different colors, blending harmoniously together. Being perfectly hardy they can remain out during winter. Elegant near edges of streams, etc. Our collection is a careful selection of all colors. \$10.00 per 100; \$1.50 per doz.

THE LEOPARD LILY, or BLACKBERRY LILY, is the name given to *Pardanthus Sinensis*, a most curious Chinese lily, bearing on stalks 3 to 4 feet high a large number of flowers of the richest colors, yellow and orange spotted with purple and black. These flowers are succeeded by fruits, which can scarcely be distinguished from a blackberry, and these are used for ornaments and for mixing with bouquets of dried grasses. A fine hardy plant deserving a place in every garden. \$8.00 per 100; \$1.25 per doz.



LEOPARD LILY.

CRINUM AMERICANUM. In every way this rivals the Kirky in stateliness and grandeur. Like it, nothing can approach it as a pot plant, and where beauty of flowers is concerned, it is by some preferred, being pure white, waxy like and fragrant, and producing fully as many if not more flowers. \$10.00 per 100; \$1.50 per doz.

CRINUM CAPENSE. Rose sweet scented; one of the finest Crinums; hardy with slight protection; producing many flower stalks 2½ to 4 ft. high and crowded with 10 to 15 blooms. Excellent sort. \$3.00 per doz.

PANCRATIUM MARITIMUM.—Hardy with protection, bearing large, lily-like flowers on long stalks. Quite distinct from any of the above; very desirable. \$2.00 per doz.



PEACOCK FLOWER (*Moræa Pavonia*).

Miscellaneous Greenhouse and Garden Requisites.

APHICIDES, for spraying insecticides on plants.
 (Hughes' patent).....each, \$.60
 (Hunt's patent)..... " " .60
BELLOWS, for distributing insect powder.
 (Houchin's patent.)
 No. 9.....\$.45 No. 19..... .94
 " 11..... .56 " 22..... 1.13
 " 14..... .68 " 24..... 1.31
 " 16..... .83



COCOANUT FIBRE REFUSE.....per bag, \$.40
CLAY'S FERTILIZER, small pkts.....per doz., 2.50
 " " large " " " 3.50
 " " 28-lb. bags.....each, 2.50
 " " 56 " " " 4.00
 " " 112 " " " 7.00
EDGING IRONS, English Steel, 8 inch..... " 1.00
 " " " 9 " " " 1.25

EGG BASKETS (Elliott's patent).
 For 1 setting.....per doz., 1.50
 " 2 " " " 2.00
 " 3 " " " 2.50



FUMIGATOR.

FUMIGATORS (Tebb's Patent).
 No. 1.....\$1.15 No. 3..... 2.35
 " 2..... 1.35 " 4..... 3.15

FLY GUNS, for distributing insect powder.
 No. 979..... .90

FIR TREE OIL, in bottles, each, .50
 " " " " " .75
 " " " " " 1.25

per gallon..... 3.25

GARDEN WHEEL-BARROWS.
 No. 3 size..... 3.50
 "Hudson River" patent..... 3.00
 No. 2 Duchess..... 3.50
 " 1 " " " 3.00

CANAL WHEEL-BARROWS.
 L.....\$1.50 W. H..... 2.00
 O. C..... 1.75 I. H..... 2.25

COAL WHEEL-BARROWS, 4.50
STONE " " " " 3.00

GRAFTING WAX.
 (Trowbridge's)
 1 lb. package, per doz. lbs., \$1.90
 1/2 lb. package.....per doz. lbs., 2.00
 1/4 lb. " " " " 2.10

HOES (Dutch).
 5 inch.....\$.50 7 inch..... .70
 6 "60 8 "80

HOES, cast steel, garden, 8 inch.....per doz., 4.50

KNIVES, RUDDING (English). No. B.L.85
 No. 324.....\$.85 No. 325..... 1.15

KNIVES, PRUNING (English). No. 81775
 No. 188.....\$.85 No. 195..... 1.15

LAWN FERTILIZER (Gardiner's).
 10-lb. bags.....\$.30 50-lb. bags.....\$1.25
 25 "65 100 " " 2.00

LAWN SPRINKLERS, 4 arms.....each, 2.50
 " " Globe " 1.00
 " " Hub " .85

GEM SPRAYS..... " " .65
LINES, GARDEN, best flax.
 90 feet..... .37
 120 "51
 150 "75

MANURE, AMIES' HORTICULTURAL.
 Per package,..... .26
MOSS, SPHANUM.
 Per barrel,..... 1.25

NEST EGGS (China).
 Per doz..... .30
 " gross..... 3.00

PUMP "LITTLE CLIMAX SPRAY" (Nixon's).. 1.00

POT LABELS. Plain. Painted.
 4 inch.....\$.40 per 1000.....\$.60 per 1000
 4 1/2 "45 " "70 " "
 5 "55 " "80 " "
 6 "70 " " 1.00 " "

GARDEN LABELS.
 8 inch.....\$2.50 per 1000.....\$3.25 per 1000
 12 " 3.50 " " 4.50 " "

TREE LABELS (Copper wired), 3 1/2 inch.
 Plain, \$1.30 per 1000..... Painted, \$1.50 per 1000

POULTRY FOUNTS, Improved Pat. Stoneware.
 Pints.....each, \$.25.....per doz., \$2.50
 Quarts " .40..... " 4.00
 1/2 gallon..... " .75..... " 7.50
 1 " " 1.00..... " 10.00
 2 " " 1.50..... " 15.00
 3 " " 1.80..... " 18.00

POTS, GALVANIZED, WATERING.
 Long spout, 8 quarts..... 2.00
 " " 10 " 2.15
 " " 12 " 2.40

PENCILS, WOLFF'S INDELIBLE..... .08

PEAT, LONDON.....per sack, 1.75
 " JERSEY bbl., 1.35

PUTTY BULBS (Scollay's Patent)..... .85

PAMPAS PLUMES, first grade.....per 100, 12.00
 " " second grade..... " 100, 10.00



FLY GUN No. 979.

PAMPAS PLUMES, third grade.....per 100, 8.00

RUSTIC WORK.

HANGING BASKETS.
 8 inch\$.38 11 inch68
 9 "45 12 "75
 10 "57 13 "98

MISCELLANEOUS GREENHOUSE AND GARDEN REQUISITES
—Continued.

RUSTIC WORK—Continued.

HANGING BASKETS, 14 inches.....	\$1.12
“ “ 15 “.....	1.28
OBLONG VASES, No. 10, 18 inches.....	1.69
“ “ 24 “.....	2.63
WINDOW BOXES, No. 13, 19 “.....	.75
“ “ 13, 24 “.....	1.12

HEXAGON VASES.

No. 5, 16 in.....	1.50
“ 5, 20 “.....	1.88
“ 5, 24 “.....	3.70

STUMP BOXES.

No. 11, 16 in.....	.75
“ 11, 20 “.....	1.12
“ 11, 24 “.....	1.50

ROUND VASES.

No. 19, 15 in.....	3.00
--------------------	------

SQUARE VASES.

No. 18, 13 in.....	1.50
“ 18, 17 “.....	2.63

RAKES, LAWN.

“Gem”.....	.50
“Davis”.....	.65

PLANT STICKS.

Sq. unpainted, 2 ft., per 100,	.40
--------------------------------	-----

PLANT STICKS.

Square unpainted, 3 feet.....per 100,	.60
“ “ 4 “.....	.80
“ “ 5 “.....	1.00
“ painted green, 1½ feet.....	1.13
“ “ 2 “.....	1.50
“ “ 2½ “.....	1.87

Square painted green,	
3 ft..... per 100,	\$2.25
Square painted green,	
4 ft..... per 100,	3.00
Square painted green,	
5 ft..... per 100,	\$3.70
Square painted green, 6 ft.	
per 100.....	\$5.25

PLANT SPRINKLERS.

Rubber, small.....each,	\$.42
“ large.....	.80

RAKES, cast steel, 10 teeth.....per doz.,

“ 12 “.....	\$3.50
“ 12 “.....	5.00

REELS, Garden, No. 1.....each,

“ 2.....	.65
“ 2.....	.50

RUBBER HOSE, ¾ in. 3-ply Boston Belting Co.'s

extra in 50-ft. lengths.....per foot,	.12
---------------------------------------	-----

SYRINGES, BRASS, English, 14 x 1 inch.....

	2.00
--	------

SCISSORS, VINE, 6 inch.....

	.55
--	-----

SECATEURS.

French, 7 in.....	.85
“ 8 in.....	1.10

New French patent, 7 in. ...	1.90
“ “ “ 8 in. ...	2.00

SHEARS, HEDGE, 8 in.

“ “ 9 “.....	1.25
“ “ 10 “.....	1.40
“ “ 10 “.....	1.65

SHEEP (English)..

“ BORDER, 8 in.....	.50
“ “ 9 “.....	1.90
“ “ 10 “.....	2.10
“ “ 10 “.....	2.35

SLUG SHOT.

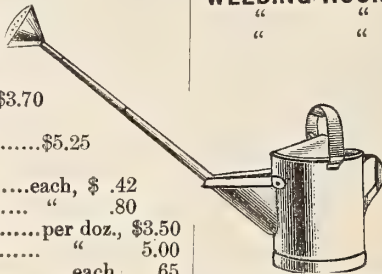
5 and 10-lb. pkgs.....per lb.,	¾c.
In bulk.....	¾c.

Dusters, 2-qt. size.....each,	.30
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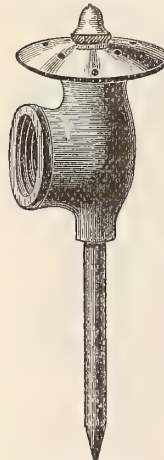
PUTTY BULB.

(See p. 43).



FLORISTS' WATERING-POT.

(See p. 43.)



GEM SPRAY.

(See p. 43).

SASHES, HOT-BED.

6 x 3 x 2 ins., without glass.....	\$1.15
“ “ thin “.....	2.40
“ “ thick “.....	2.65

SAND, PROPAGATING, per barrel.....

	1.50
--	------

TROWELS, Fern (English).....each,

	.75
--	-----

TROWELS,

Garden (Eng.), 6 in.....	\$0.55
“ (Am.), 6 “.....	.15
“ “ 7 in.....	.20
Angle (new pat.).....	.25

SHOVELS.

C. steel garden...each,	.84
“ “ long	
handle.....each,	.85

SPADES.

C. Steel garden No. 1.....	.60
“ “ “ 2.....	.60
“ “ “ 3.....	.65

TUBS (Cedar Tree).

20 in.....each,	\$2.25	28 in..... each,	\$4.50
18½ “.....	2.00	26 “.....	3.75
16½ “.....	1.80	24 “.....	3.15
15½ “.....	1.50	22 “.....	2.65

WATERS' TREE PRUNER, 6 ft.....

“ “ 8 ft.....	2.50
“ “ 10 ft.....	2.75
“ “ “ 10 ft.....	3.00

WEEDING HOOKS, Excelsior.....per doz.

“ “ Hazelton.....	1.50
“ “ Noye's.....	3.50
“ “ “.....	3.50

WHALE OIL SOAP.

3-lb. boxes..... each,	.35
16-lb. buckets.....	1.50

WIRE FLOWER STANDS.

No. 2 pyramid stand, 6 x	
4 x 2 inches; five shelves,	
complete with arch.....	5.44

No. 2 pyramid stand, 6 x 4 x 2	
inches; without arch.....	\$4.44
No. 3 square stand with 3	
shelves, complete with arch.....	4.00
No. 3 square stand with 3	
shelves, without arch.....	3.00
No. 4 semi-circle stand, with 3	
shelves.....	3.00
No. 5 square stand, with 3	
shelves.....	3.00
No. 7 oblong stand, with 2	
shelves.....	2.30
No. 9 square stand, 2 shelves,	
complete with arch.....	3.40
No. 9 square stand, 2 shelves,	
without arch.....	2.40
No. 10 oblong stand with 1 shelf,	
2 feet.....	1.00
No. 10 oblong stand with 1 shelf,	
2½ feet.....	1.25

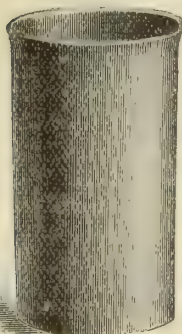


IDEAL SPRAY.

(See p. 43.)

New Cut Flower Vases at Factory Prices.

(“Indurated Fibre” Ware.)



These vases are made of “Indurated Fibre” under patented processes, the material used being wood pulp. They are warranted all one piece without joint or seam, and being saturated with hardening material are very durable as well as elastic, and are entirely impervious to moisture, either hot or cold. Far superior in every way to earthenware, wood, tin or iron ware. Will not shrink or swell. Being seamless the bottoms cannot drop out. They have no paint or varnish to wear off or hoops to drop or rust off. They have the appearance of polished mahogany and are undoubtedly the finest vases on the market for holding and displaying cut flowers. They are neat, attractive and durable. They are also very cheap, because not easily broken.

PRICE-LIST.

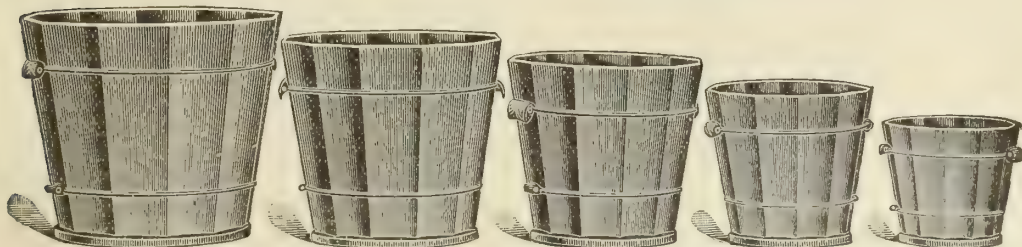
- No. 0 size, 8 inches diameter, 13 inches deep, 60c. each; \$6.00 per dozen.
- No. 1 size, 5½ inches diameter, 10 inches deep, 50c. each; \$5.00 per dozen.
- No. 2 size, 4½ inches diameter, 9 inches deep, 40c. each; \$4.00 per dozen.
- No. 3 size, 4 inches diameter, 6 inches deep, 35c. each; \$3.25 per dozen.
- No. 4 size, 3 inches diameter, 4½ inches deep, 30c. each; \$2.75 per dozen.

(¼ dozens at dozen rates.)

These patent vases are now used by the principal florists in all the large cities and are giving the greatest satisfaction. We append a few expressions of opinion (culled from hundreds) as an index of how these vases are liked.

- T. CLARK, Brooklyn.—“The best goods I have used in the 26 years I have been in business.”
- THORLEY, New York.—“Satisfactory.”
- C. F. KLUNDER, New York.—“A very appropriate addition to the Flower Trade. I consider them indispensable on account of their non-fragile nature.”
- SIEBRECHT & WADLEY, New York.—“The best thing out.”
- ALPINE FLORAL CO., New York.—“Have given entire satisfaction. We can highly recommend them.”
- JAMES PURDY, New York.—“If used by a florist once, I am confident he will never use any other kind.”
- JOHN A. SEMOND, New York.—“No better vases in the market.”
- W. F. SHERIDAN, New York.—“Durable, unbreakable and more economical than any I ever used.”
- EDWARD C. HORAN, New York.—“Very much pleased with your Jars for holding roses,” etc.
- HENRY HESSON, New York.—“I highly recommend your Flower Jars. Am sure any florist can save considerably by using them.”
- J. NEWMAN & SONS, Boston.—“Like them very much.”
- J. KIFT & SON, Philadelphia.—“Best vases we have ever had for cut flowers. Are using them exclusively.”
- BEGEROW & GERLACH, Newark, N. J.—“The best invention ever produced for our purpose; we highly recommend them.”

New Columbian Plant Tubs.



The introduction of these new tubs fills a long felt want for an article at once strong, light, handsome and cheap.

The tubs are made of the best pine lumber, which will keep for years without rotting. They are made of 12 staves in tapered shape, held together by 2 heavy steel wires, which are connected with substantial iron handles, and are so arranged that the wire can be tightened or loosened by simply turning nut on handle.

As often happens on ordinary tubs, the staves shrink while the tubs are dry and empty, and consequently fall apart. We guarantee these tubs will never fall apart, for this reason, that the heavy steel wire is placed in grooves cut in each stave and when the tubs get very dry, wire can be tightened by the nut on handle as described above.

The handle itself is so constructed that the tub can be lifted by hand, and in case the plants are heavy, sticks can be inserted in handle, thereby allowing all weights to be lifted with perfect safety.

We furnish these tubs in a heavy oil paint in a dark wine color, highly finished and varnished in 5 sizes, as follows:

12 inches diameter by 11 inches high	\$1.00
15 inches diameter by 14 inches high	1.50
18 inches diameter by 16½ inches high	2.00
21 inches diameter by 18½ inches high	2.50
24 inches diameter by 20½ inches high	3.00

CLEVES' ANGLE TROWEL.

"THE NEW HANDY DIGGER."



This Trowel is one solid piece of steel—shank and blade. It is well made and is warranted not to pull out of the handle. It is well finished and an honest tool that will wear. For many kinds of greenhouse work, it will be found of great value, owing to its peculiar shape. It was originally intended for digging plantains from lawns, its strong angular form being specially adapted to prying and twisting; but it was found to be equally advantageous for florists' and amateurs' use in general garden work, and its greatest utility lies in that direction.

**A SOLID STEEL TROWEL
FOR 25c.**

WEARS WELL AND WILL NOT TWIST OR FALL TO PIECES.

A solid-steel Trowel, at the low price of 25 cents, that is well made and well finished, and that will not fall to pieces or get all out of shape with a few days' work, is a boon that will be appreciated. The "Cleves' Angle Trowel" has been indorsed by many prominent gardeners and is certain to fill "a long felt want." We can send a sample by mail to any address for 25 cents; or, at \$2.00 per dozen, by freight or express.

FERTILIZERS.

GROUND BONE.

Eminently suited for all crops and largely used by florists and market gardeners both for outside and inside plants. It is not merely a stimulant, like a great many of our artificial manures, the lasting effects being very noticeable, while it greatly adds to the fertility of the soil, not exhausting it in the way that nitrate of soda or other stimulating chemicals do. Our bone is warranted as good as any in the market; the guaranteed analysis showing 3 to 4 per cent. ammonia, 20 to 25 per cent. phosphoric acid; ground very fine and absolutely pure. Per bag (200 lbs.), \$3.50; per ton, \$30.00.

No. 1 GUARANTEED PERUVIAN GUANO.

(The French Commercial Co.'s Brand.)

The only *real* Guano on the market is that which is now found in one of the islands of Chile, and is at present controlled by a French syndicate. This is the article which we now offer in the original bags (uneven) as they arrive from South America. It is rather lumpy and contains about 4 per cent. of rock; but we find customers prefer to have it in this way, as they are then certain that no manipulation has occurred. We guarantee this to be the only *real Guano* on the market, than which for florists' use there is nothing better for stimulating flowers and plants. The guaranteed analysis shows 9.88 per cent. of ammonia, which is more than double the percentage of any imitation whatever. Price (in uneven bags as imported), \$1.00 per 100 lbs.; per ton, \$65.00.

TRUCKERS' TRIUMPH POTATO GUANO.

What the Star Bone Phosphate is to cereals and the various crops which grow above ground, the Triumph Potato Guano is to potatoes, turnips, beets, carrots and all root crops. As a potato manure it is unequalled, and the yield which has followed its use is in the highest degree satisfactory. Soils deficient in the essential properties for the growth of this vegetable have become active after one thorough dressing of the guano, and the crops taken from such fields have rivalled, and in many instances exceeded, those of the most prolific sections. 50 lb. bag, \$1.75; 100 lb. bag, \$3.00; 200 lb. bag, \$5.00.

"STAR" BONE PHOSPHATE.

This Phosphate has long been celebrated as a prompt and permanent fertilizer of the highest standard. Great care has always been exercised in its manufacture, so as to make a phosphate of fine merchantable condition as well as one that contains all the elements of plant food for general crops. No ingredients of any sort are employed in its manufacture unless they add value to the finished product. The blending and mixing is carried on under the superintendence of an experienced chemist, skilled in the laboratory as well as practically conversant with crops, having had large and varied experience in testing and experimenting with different soils and materials on the farm and garden. This phosphate is unexcelled for fineness and dryness for filling, and farmers may save themselves much trouble and vexation by using the "Star," which is always of superior mechanical condition and uniform quality, as well as highly soluble, and containing all the elements of plant food in forms easily absorbed and assimilated. Apply at the rate of 200 to 600 pounds per acre. Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.25; 200 lb. bag, \$4.00.

PURE PULVERIZED SHEEP MANURE.

A pure natural Manure, and the most nutritious food for plants. It is the best of all manures for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity; all culinary vegetables reach their highest quality only when growth is rapid and unchecked. It makes the richest, safest and quickest Liquid Manure, rivaling guano, without any deleterious effects. For use in liquid form one pound to five gallons of water will make a dark liquid, which can be used with safety daily, if necessary. As a Lawn Top Dressing it is unequalled. In bags of 100 lbs., each \$3.50; 1/4 ton, 5 bags, \$15.00; per ton, 20 bags, \$45.00. In packages of 2, 4 and 10 lbs., 15c., 25c. and 50c. each.

CLAY'S FERTILIZER.

We have just received a special shipment of this valuable imported Manure, which is constantly increasing in popularity. It is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Per cwt. (112 lbs.), \$7.00; 1/2 cwt. (56 lbs.), \$4.00; 1/4 cwt. bags, \$2.50; small pkts., \$2.50 per doz.; large pkts., \$3.50 per doz.


 MME.
CAROLINE TESTOUT

For
Winter
Forcing.

—
The
Grand
New
HYBRID
TEA ROSE

MME. CAROLINE
TESTOUT.

THIS rose promises to be very valuable as a winter forcer. It is of French origin and is spoken of in very flattering terms by those who have tested it in this country. From present appearances it is likely to prove a formidable rival to "La France," because of its lively and beautiful pink color, and also because it is such a strong grower and free flowerer. It is a much better shade of pink than "La France," retaining its bright, clear color from centre to outside without the washy tint that disfigures "La France." It is the most unique in color of any rose in existence, there being no rose grown that can equal it in this respect.

PRICE OF PLANTS:	Per 100	Per 1000
	\$25.00	\$200.00

From 2½ Inch Pots, Ready March 1, 1893.

The plants offered are guaranteed to be clean, healthy, vigorous stock that will give the utmost satisfaction. We are the selling agents for the whole production of one of the largest Rose growers in Philadelphia and customers can therefore depend on the stock offered being thoroughly reliable in every respect. Early orders are respectfully solicited, as the stock is limited this season. We offer subject to stock being disengaged on receipt of order. F.O.B. Phila., usual terms.

THE GRAND NEW PINK CARNATION "GRACE BATTLES"

Which gained the Silver Medal of the Pennsylvania Horticultural Society will be ready for distribution February 15, 1893. By special arrangement with the raiser (Mr. Edwin Lonsdale), we are in a position to book orders at the introducer's prices, and as it will be possible to produce but a limited number of plants by the date above specified, we would urge early orders to make sure of getting a stock of this magnificent variety. There is no doubt that this is the best all-round Pink Carnation yet raised, and there is big money in it for those who secure it the first season. In color, it is the *ideal* pink, being delicate yet striking, and will out-sell any other variety in existence, on sight. It has created a sensation wherever shown, being far more effective in color than any sort now in cultivation. All experts who have seen it growing, emphatically pronounce it the very best light pink Carnation raised up to this time.

Another strong point is its remarkably free blooming qualities. From the florist's standpoint it is the most profitable variety in this respect in existence. For freedom of bloom it will delight the hearts of all who grow Carnations for profit. Not only this, but it will produce flowers sooner after pinching than any other sort. This is a point, the importance of which should not be under-estimated. It is the quickest variety to come into bloom after being planted of any variety ever known.



Silver Medal of
Pennsylvania Horticultural Society, 1891.

ONE-THIRD LARGER THAN "GRACE WILDER."

The flowers are borne on strong, erect stems, and do not burst the calyx. They are large, fully one-third larger than the "Grace Wilder," and of the finest form. It has a delicate and pleasing fragrance, and keeps well after being cut.

We consider it a privilege, as well as a pleasure, to be able to offer our customers so sterling a novelty as this has proven to be, and can assure all who order that it will be a paying investment.

It was raised from seed in 1889, and has been thoroughly tested by Carnation experts in different parts of the country, so that no misgivings need be had in regard to this being an untested novelty. We can confidently recommend it to all interested in Carnations.

Strong Rooted Cuttings will be ready for delivery on and after February 15, 1893. **\$12.00 per 100; \$100 per 1000.** Orders booked now will be filled strictly in rotation.

HEAR SOME
OF THE
EXPERTS.

WHAT THEY THINK

OF THE NEW
CARNATION
GRACE BATTLES.

Fills a Long-felt Want.

"Grace Battles fills a long-felt want in Pink Carnations. In color it is brighter than Grace Wilder, with a satin glow. The flower is large and perfect; the stem long and stiff, making it splendid sort for corsage bouquets; and it is a vigorous grower and fine cropper. The flowers do not burst the calyx. Among the many fine seedlings that Mr. Lonsdale has raised, this pleases me best of all."

WM. K. HARRIS, Kingsessing Nurseries, Phila.

No Pink Carnation Equal to It.

"Than Grace Battles I know of nothing better in Pink Carnations. It has all the requisites of a first-class variety, a large flower, beautiful light pink color, good stiff stem, a firm calyx not liable to burst, and is also a good grower and cropper. Mr. Lonsdale deserves the thanks of the fraternity for giving them this fine Carnation."

THOMAS CARTLEDGE, Pennock Bros., Phila.

A Graceful Battle Won!

"In regard to Grace Battles I think the color is just perfect, *far* clearer and better fixed throughout the petals than Grace Wilder; it is just *the color* that will take, and the entire flower is the same color, which is a most desirable characteristic. It is of large size and just of the right doubleness not to make it burst the calyx. The stem is excellent. If it is a free grower, which it is according to all who have tried it, Mr. Lonsdale has really won a 'Graceful Battle,' making its name doubly significant. We have lots of Pink Carnations, but not *the right pink*. This, however, seems to fill the bill."

R. T. LOMBARD, Wayland, Mass.

"American Belle."

A PINK-COLORED sport from the "American Beauty" and the grandest addition to the Rose family in many years. Raised by Mr. John Burton, of Chestnut Hill, one of the most successful rose growers in this country, it has created a sensation wherever shown and has carried



First Honors

at the International Expositions in

- New York,
- Philadelphia,
- Houston,
- Chicago,
- Cincinnati,

and elsewhere throughout the United States. The flowers of the "American Beauty" are of a deep, rich red color, and the "American Belle" is a sport of this variety, the color being a deep, rich pink, with a slight tinge of blue even after being cut for a few days. Instead of turning blue as the "Beauty" does with age, the "Belle" becomes still more pink as the flowers expand. This characteristic is a most valuable one and makes this rose peculiarly desirable for cutting. In the bud stage the color of the flower is deeper, but as it expands the pink shade becomes

"American Belle."

And the Cup of Honor at New York, 1891.

pure and distinct, making it a desirable companion for the "Beauty," to which beautiful variety it is an auxiliary or companion, and not a competitor. The delightful fragrance of the "Beauty," the sweetest of any rose known, is also possessed by the "Belle" in an equal degree. The growth of the "Belle" is not quite so strong as the "Beauty," but the bloom is even freer. The foliage is quite distinct—a fine deep green.

The plants will be ready for dissemination April 15, 1903. Orders booked now will be filled strictly in rotation according to date received, but no stock will be sent out before April 15th. The stock will be well-grown, healthy, vigorous stuff from 2 1/2 inch pots.

COUPON

Gardiner's Columbian Year Souvenir.

THIS COUPON IS GOOD FOR ONE DOZEN BULBS
(8 SINGLE AND 4 DOUBLE) OF

THE "GOLD MEDAL" JUBILEE BEGONIAS,

DESCRIBED AT PAGE 40 OF THIS CATALOGUE, WHEN ACCOMPANIED BY AN ORDER
FOR \$5.00 WORTH OR MORE OF SEEDS OR BULBS, AS EXPLAINED ON OTHER SIDE.

JOHN GARDINER & CO.

21 North Thirteenth Street,

PHILADELPHIA.



WE wish each and every person who receives this catalogue to try these grand new flowers this season, and will send one dozen bulbs (8 single and 4 double) for trial, with all orders for \$5.00 worth or more of seeds or bulbs subject to the following conditions:—

CONDITIONS.

- 1st**—The order sent must be for \$5.00 worth or more of seeds or bulbs, and accompanied by the cash.
- 2d**—The order must be selected from this catalogue.
- 3d**—Not good on *Plant* orders, nor on *Grass Seeds, Fertilizers, Onion Sets, Potatoes, Clover Seed or Bird Seed.*
- 4th**—This coupon must accompany every order.

N. B.—*The value of this Souvenir at net wholesale rates is \$1.50.*

Messrs. John Gardiner & Co.

Beg to announce to the trade that they have been appointed special-wholesale agents for the distribution of Mr. Burton's beautiful New Rose,

"American Belle."

the stock of which will be ready for dissemination April 15, 1893.

This new variety is probably the most important introduction in Roses since the advent of the "American Beauty," and it is universally admitted by expert growers all over the country to be a distinct advance in color over its parent (Beauty), while holding all the good qualities, delicious fragrance, size, etc., of that magnificent variety.

We are pleased to be in a position to offer the trade so sterling an acquisition as this is, and we feel confident that the "Belle" will meet with a warm welcome from every rose-grower in the country, and of an equally cordial reception when she reaches the hands of the retailer and the public. Mr. Burton does not claim for the "Belle" that she will supersede "Beauty;" on the contrary, he wishes it distinctly understood that the "Belle" is put on the market as a companion and not as a rival of "Beauty." There are men eminent in the trade who do not hesitate to give the "Belle" preference over "Beauty," and, while in some points this is well taken, the claim should not be made too sweeping. For instance, one distinguished member of the craft happily expressed his enthusiasm for the new rose, by saying: "There may be many 'Beauties' in a ball-room, but there is only one 'Belle,'" and this is true enough in the double sense but it must not be taken as meaning that the "Beauty" has been eclipsed, because there is a distinct place for both varieties and each can fill its own allotted sphere.

We shall be happy to receive your order for whatever quantity you can handle of the New Rose, and we would call your special attention to the very low prices at which plants of this grand variety are offered and also to the fact that twenty-fives will be sold at the one-hundred rate and two-hundred-and-fifties at the one thousand rate. Considering the character of the Rose the prices named below are remarkably reasonable, and the terms as to quantity should make the possession of a fair stock accessible to all growers, small as well as large.

Orders booked now will be filled strictly in rotation according to the date received, but no stock whatever will be sent out before April 15, 1893. Therefore, the sooner the order is booked the sooner can delivery be made when shipping commences April 15th.

Stock is limited this season and early booking is therefore recommended.

Price, \$60.00 per 100; \$400.00 per 1000.

(25 at 100 rate; 250 at 1000 rate.)

Ready April 15, 1893.—CLEAN, HEALTHY, VIGOROUS STOCK FROM 2½-INCH POTS.

Address all orders and correspondence to the

Special Wholesale Agents,

Cable Address
"GARSEED"
Phila.
Telephone 2374.

John Gardiner & Co
Philadelphia

Offices and Warehouses,
21 N. 13TH ST., PHILA.

Stock and Seed Farm,
DOWNTOWN, PA.

Trial Grounds,
RADNOR, PA.

ADDRESS ALL CORRESPONDENCE TO 21 N. 13TH ST., PHILA., PA.