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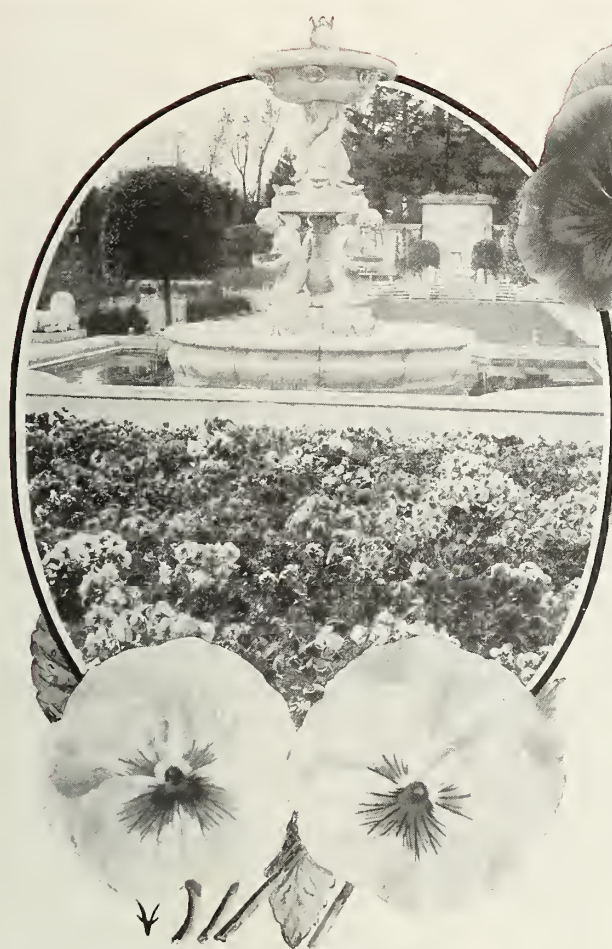
FEB 17 1917

RETURN TO POMOLOGY
SECTION OF NOMENCLATURE

EXCISE

VAUGHAN'S

BOOK FOR FLORISTS



VAUGHAN'S INTERNATIONAL PANSIES

Spring

1917

SEEDS, BULBS,
TREES and PLANTS

Florists' Supplies

Vaughan's Seed Store

43 BARCLAY STREET
NEW YORK

GREENHOUSES, NURSERIES AND
TRIAL GROUNDS,
WESTERN SPRINGS, ILLINOIS

31-33 WEST RANDOLPH ST.
CHICAGO

VAUGHAN'S LAWN MIXTURES

A FLORIST selling Vaughan's Lawn Grass Mixtures is assured that there are no better grades sold at their respective prices.

Vaughan's Chicago Parks, Central Park and Columbian Mixtures are the highest grade possible to make. There is no brand so well or favorably known, and our extensive advertising make Vaughan's Lawn Grass Seed a sure and ready seller.

Grass seed is high again this year, due to the drouth the past season. We purchased early from the cream of the American crops, and our representative whom we had in Europe all of last fall bought the best European grasses, samples absolutely impossible to duplicate at this time. An equal quality mixture cannot be sold for less money.

Vaughan's CHICAGO PARKS Lawn Seed

Half pound packages (sell for 20c each)	Each	Doz.	100	Five pound packages (sell for \$1.35 each)	Each	Doz.
One pound packages (sell for 30c each)	\$.013	\$1.35	\$11.00	In Bulk, 25 lbs.,	\$4.85;	50 lbs., \$9.50; 100 lbs., \$18.00

Vaughan's CENTRAL PARK and COLUMBIAN (Shady Nook) Lawn Seed — Same price as that of our Chicago Parks Lawn Seed.

VAUGHAN'S
Fancy GRASSES
and MIXTURES
for Lawns.

"Quick Show Mixture" for immediate effect..... 10 lbs., \$1.40; 100 lbs. \$11.50
 Good Mixed..... 10 lbs., \$1.40; 100 lbs. \$11.50
 Kentucky Blue Grass, Fancy New Crop (21 lb Seed)..... 14 lbs., \$2.00; 100 lbs. \$13.50
 Red Top, Fancy quality, extra heavy..... 10 lbs., \$1.50; 100 lbs. \$12.00
 Red Top, unhumled..... 10 lbs., \$1.20; 100 lbs. \$ 9.50
 White Clover, Crop Extremely Short. Write for prices.

BUSINESS RULES

TERMS ON FLORISTS' STOCKS. To customers of approved credit, 60 days, except on certain cash items. Special 3 per cent discount for cash in ten days (from these list prices only), not from the "Special" quotations and excepting net cash items.

C. O. D. We prefer not to send goods C. O. D., but when wanted in that manner some money must accompany order. Perishable Stock, Plants, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F. O. B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines. Our prices are made on values of these stocks at shipping point, and if we are to accept transportation risks we can do so only at advanced prices.

ROUTING. On each Order please give name of express company or railroad you wish to use; there is no other sure way of correct routing.

Do not use the words **send, ship, forward—they mean nothing.** When ordering state routing distinctly, **Mail, Express or Freight.**

INSURANCE. We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so. Please give explicit instructions when ordering.

REMEMBER: "Little omissions make great errors," and kindly give us in EACH ORDER the correct names, sizes, grades and prices of the stocks you order from this catalogue, and the routing, the name of the express or railroad company, shipping date and like details. This prevents misunderstandings.

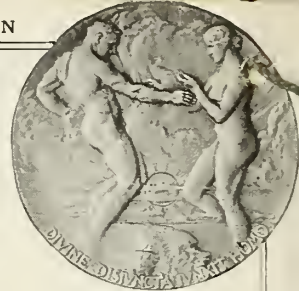
FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover same, from which deduct 3 per cent.

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual trade reference or property statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. We do not open new accounts for cash goods. All "Holiday stocks" are sold strictly on cash terms, and hence fall under this rule.

IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop.

If the customer does not accept these goods on above terms, no sale is made thereof, and be must return them at once, and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate prices quoted in our catalogue. All orders to all states shipped, subject to customers assuming risk in regard to their state entomology requirements.

ORDERS FOR BULBS, ONION SETS, and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control, we not guaranteeing to supply same if so lost.



PANAMA-PACIFIC
EXPOSITION

SAN FRANCISCO
1915



IN 1/2, 1 AND 5 LB. CARTONS



IN 1/2, 1 AND 5 LB. CARTONS

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Greenhouse Plant Department

Prices are F. O. B. Western Springs, Ill., where we ship by Adams Express and C. B. & Q. R. R. All orders to all states shipped, subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—3 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate. We charge 25 CENTS extra for packing orders less than \$2.00.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we cannot entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.



ARAUCARIA EXCELSA



CIBOTIUM SCHIEDEI



FANCY LEAVED CALADIUM

AGERATUM—Little Blue Star

Dwarf. The best dark blue Ageratum. 6 to 8 inches. 2 1/4 inch..... Doz. 50c; 100, \$3.00

ALYSSUM—Vaughan's Little Gem

The best type of dwarf white Alyssum. 2 1/4 inch..... Doz. 50c; 100, \$3.00

ALTERNANTHERAS

BRILLIANTISSIMA. Dwarf, compact, brilliant red foliage. Doz. 50c; 100, \$3.00

AUREA NANA, Gold and Green..... Doz. 50c; 100, \$3.00

AMARYLLIS—Giant Hybrids—See Bulbs

ANTIRRHINUM—Snapdragon

	Per Doz.	Per 100
De Soto (Vaughan's New Pink.) This is a beautiful Eucharis pink of immense size, better than anything we have seen in the pink shades.....	\$1.00	\$6.00
Silver Pink. Pale shell pink.....	.50	3.00
Mammoth White. Pure white, of good size.....	1.00	6.00
Nelrose. Deep pink.....	.75	5.00

ARAUCARIA—Norfolk Island Pine

Size Pots	Ready about May 15			Each	Doz.	100
	Height	Whorls	Doz.			
EXCELSA..... 4-in.	8-10 in.	2-3	\$0.60	\$5.50	\$40.00	
4-in.	Extra Selected	2-3	.65	6.00	45.00	
5-in.	16-18 in.	4-5	.75	8.00		

ASPARAGUS

PLUMOSUS NANUS. We are headquarters for select stock.

Size of Pot	Each	Doz.	100	1000
Seedlings from flats. A regular supply.....			\$0.80	\$ 7.00
2 inch.....		\$0.50	3.00	25.00
2 1/2 inch.....		.60	4.00	35.00
3 inch.....	.10	.85	6.00	55.00
4 inch.....	.15	1.50	12.00	

ASPIDISTRA—The Iron Plant

GREEN LEAVED..... 10c per leaf
5-inch pots, 10-12 leaves; 6-inch pots, 14-16 leaves.

VARIEGATED..... 15c per leaf
5-inch pots, 8-10 leaves; 6-inch pots, 12-14 leaves.

ASTER—Giant Branching

White, Purple, Lavender, Red, Pink, Rose, Shell Pink and Mixed.
Price, from flats..... Doz. 25c; 100, \$1.50; 1000, \$10.00
Price, from 2 1/2 pots..... Per 100, \$3.00; 1000, \$25.00

AZALEA MOLLIS

Bushy Plants. 10 to 20 buds..... Each, 85c.

AUCUBA Japonica Variegata

	Each	Doz.
12 inches.....	\$0.40	\$4.00
18 inches high, bushy.....	.60	6.00
24 inches high, bushy.....	.75	8.00
30 inches.....	1.00	10.00

BEGONIAS—Xmas Flowering—Lorraine Type

For June and July Delivery.

Strong, 2-inch pot plants from leaf cuttings.
GLOIRE DE LORRAINE..... Doz. \$1.50; 100, \$12.00; 1000, \$115.00
GLOIRE DE CHATELAINE..... Doz. 60c; 100, \$ 4.00; 1000, \$ 35.00
GLORY OF CINCINNATI..... Doz. \$2.00; 100, \$15.00; 1000, \$140.00
MELIOR..... Doz. \$3.00; 100, \$20.00; 1000, \$170.00
 Ask for prices on 3 and 4-inch pot plants.

BEGONIAS—Bedding Varieties

Write for Prices on 1000 Lots.

LUMINOSA—Fibrous Rooted. Foliage satiny red. Flowers large, bright scarlet. This is far superior in every way to "Vernon" which we have discarded.
 Price, 2 1/4-in. pots..... Doz., 50c; 100, \$3.00

TUBEROUS ROOTED—Started Plants. These will be ready to send out after May 1st. They will commence to bloom a short time after setting out and will continue into late August. Florists will find them ready sellers.
 Scarlet, Pink, Red, White or Mixed..... Doz., \$1.25; 100, \$8.00

BOUGAINVILLEA

SANDERIANA. 2 in. pots..... Each, 15c., Doz. \$1.25; 100, \$8.00
 3 in. pots..... Each, 20c., Doz. \$1.75; 100, \$12.00

CALADIUMS—Vaughan's Special Fancy Leaved

Dry Bulbs. Named sorts. For window boxes, show plants or greenhouse growing, this is one of the most decorative plants. Rich thrifty leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red. Bulbs should be started into growth about March 1st, in a warm house.

	Each	Doz.	100
Please write for Prices on started stock.....	\$0.40	\$3.50	\$25.00
Rare and New Varieties.....	.20	2.00	15.00
Choice Standard Named Varieties.....	.20	2.00	15.00
ESCULENTUM (Elephant's Ear) 5-in. pots, Started.....	.20	2.00	12.00
ESCULENTUM (Elephant's Ear) 6-in. " " Plants.....	.35	3.00	20.00

For Caladium Esculentum bulbs, see Bulb Pages,

CASTOR OIL BEAN—Ricinus

RED or GREEN-LEAVED. 2 1/2-in. pots..... Doz., 60c; 100, \$4.00
 4-in..... Doz., \$1.25; 100, \$8.00

CENTAUREA—Dusty Miller

GYMNOCARPA. 2 1/2-inch pots..... Doz. 60c; 100, \$4.00

CELOSIA—Cockscomb

CHILDSII (Chinese Woolflower). Beautiful, large, brilliant red feathered plumes lasting all Summer and Autumn. Splendid for bedding.
 Price..... Each, 10c; Doz. 60c; 100, \$4.00



STANDARD BAY TREE



PYRAMIDAL BOX TREE



GLOBE SHAPED BOX TREE



BUSH SHAPED BOX TREE

BOX AND BAY TREES

This List is intended for the Trade only, and the prices given will be applied only when the quantities required are such as to entitle the purchaser to wholesale rates.

BAY TREES

Ready about May 1st. These trees come in tubs.

Nothing can approach these handsome trees for decorating porches, piazzas, or hall entrances and they are largely used for stately effects in formal gardens.

Their use is no longer a luxury but a necessity. Private residences as well as hotels, restaurants, parks, etc., want them and we urge upon every florist the need of securing a stock early for display. They will find a ready sale in the smaller towns.

Stem	Standard or Tree Shaped	Each	Pair
30 in.	Crown 24 in.	\$ 7.00	\$13.00
36 in.	" 24 in.	7.00	13.00
45 in.	" 26 in.	7.50	14.00
45 in.	" 28 in.	8.00	15.00
45 in.	" 30 in.	10.00	18.00
48 in.	" 34 in.	12.00	22.00
48 in.	" 40 in.	15.00	28.00

Pyramidal Shaped

	Each	Pair
5 ft. high, 24 in. diameter at base.....	\$ 8.00	\$15.00
6 ft. high, 26 in. diameter at base.....	10.00	18.00
7 ft. high, 28 in. diameter at base.....	16.00	30.00

COBAEA—Cathedral Bells

	Each	Doz.	100
SCANDENS, blue, 2-in. pots.....	\$0.10	\$0.50	\$ 4.00
4-in. pots.....	.20	1.75	12.00

COLEUS—Best Bedding Sorts

- ANNA PFISTER. Color, a bright golden yellow intermingled with green and crimson.
- GOLDEN BEDDER. Golden yellow.
- JOHN PFISTER. Same character as Anna Pfister, a bright crimson, edged and mottled with old gold.
- VERSCHAFFELTII. Deep velvety crimson.
- BECKWITH GEM.
- Prices on above Coleus. Doz., 50c; 100, \$3.00; 1,000, \$25.00.

CROTONS

We offer a choice collection of fancy sorts, well colored.

	Each	Doz.	100
4-in. pots.....	\$0.60	\$ 5.00	\$40.00
5-in. pots.....	.85	9.00	.....
6-in. pots.....	1.25	14.00	.....

Quotations on larger plants

CYCLAMEN—Vaughan's Giant Flowering

Grown from our celebrated seed in five separate colors, viz.: white, white with eye, red, pink, salmon.

	Each	Doz.	100
2½ in., ready in April and May.....	\$0.10	\$0.85	\$ 6.00
3 in., ready in June and July.....	.15	1.25	8.00
4 in., ready in August.....	.25	2.50	18.00

NOTE—Prices on Cyclamen are good only for delivery up to October 1st. For prices after that date see Fall Catalogue.

BOX TREES

Ready about May 1st. Sheared into compact shape, these Box trees make beautiful specimen plants in any form, and can be used for all decorative purposes like the Bays, but at less expense. The bush plants can also be used with telling effect for window boxes.

Prices on Pyramid, Globe and Standard Box include trees planted in nice new green tubs. If wanted out of tubs we allow 10 per cent discount.

Pyramidal Shaped

	Each	Pair		Each	Pair
2½ ft. high.....	\$2.00	\$3.75	4 ft. high.....	\$4.50	\$ 8.00
3 ft. high.....	2.50	4.50	5 ft. high.....	8.00	15.00
3½ ft. high.....	3.50	6.00			

Globe Shaped, Trimmed

15 in. high, 15 in. dia.	\$3.50	\$6.50
18 in. high, 18 in. dia.	\$5.00	\$9.00

Egg Shaped

24 in. high, 14 in. dia.	\$4.50	\$8.00
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Tree Shaped

12-in. Stem, 12-in. crown.....	Each, \$1.25; pair \$2.00
18 to 20 m. Stem, 12 in. ball top.....	Each, \$4.50; pair \$8.00

Bush Shaped

	Each	Doz.	100		Each	Doz.	100
10 in.	\$0.30	\$3.00	\$22.50	18 in.	\$0.60	\$ 6.50	\$50.00
12 in. ....	.40	4.00	30.00	24 in.	1.00	10.00	.....

The following in tubs

30 in.	Each, \$3.50; per pair \$6.50	36 in.	Each, \$5.00; per pair \$9.00
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Pyramid, Square Shaped

3½ ft. high, Each \$8.00; pair \$15.00	4 ft. high, Each \$10.00; pair \$18.00
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IMPORTED CYCAS STEMS

For April delivery. Stems weighing from 1 to 10 lbs. each. State whether small, medium or large stems are wanted.

Up to 50 lbs., per lb.	10c	100 lbs. and up, per lb.	8c
50 to 100 lbs., per lb.	9c	500 lbs. and up, per lb.	7½c

CYPERUS ALTERNIFOLIUS—Umbrella Plant

2½-in. pots.	Doz., 60c; 100, \$4.00	4-in. pots.	Doz., \$1.75 100, \$12.00
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DRACAENAS—Best Decorative Sorts

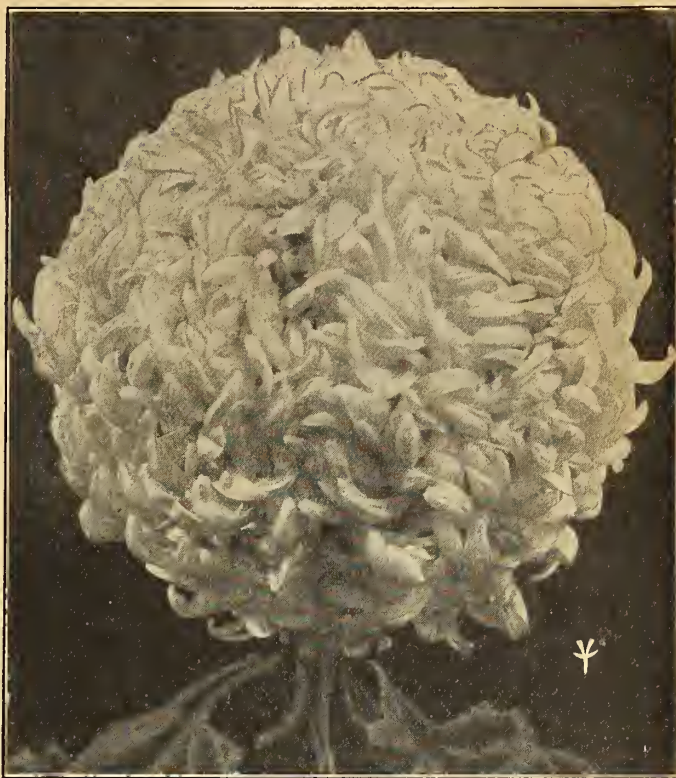
	Doz.	100		Doz.	100
AMABALIS. 4-in.	\$7.50	\$50.00	5-in.	\$9.00
BAPTISTII. 3-in.	\$3.00	\$25.00	4-in., each 60c.	\$5.00	.....
INDIVISA. Excellent for centers of vases, hanging baskets, urns and large pots.	Doz. 100	Doz. 100			
3-in. pots.	\$1.25	\$ 8.00	5-in. pots.	\$3.00	\$20.00
4-in. pots.	2.00	12.00			
IMPERIALIS. 3-in.	\$3.00		{ 4-in pots, each 60c.	6.00	
KELLERIANA (New).			{ 5-in pots, each \$1.00 10.00		
2½-in.	\$2.50	\$20.00	4-in.	\$7.50	\$50.00
3-in.	3.00	25.00			
LORD WOLESLEY.					
2½-in.	\$1.50	\$12.00		4.50	35.00
3-in.	2.50	20.00			
MASSANGEANA. Similar to Lindeni, but with the yellow stripes in the center	Each	Each			
5-in. pots.	\$0.75	6-in. pots.	\$1.50		
7-in. pots.	2.00				
SANDERIANA.	Doz. 100	Doz. 100			
2½-in.	\$2.00	\$15.00	3-in.	\$3.00	\$25.00
TERMINALIS. Lanceolate leaves, dark green, bronzy and crimson.			2½-in.	\$1.50	\$10.00
2½-in.	\$1.50	\$10.00	4-in.	\$4.25	\$32.50
3-in.	2.50	20.00			

Chrysanthemums

FOR BENCH CULTURE

Smith's and Totty's **Novelties for 1917**

March Delivery Expected on All



LOUISA POCKETT—Flowers as large as Wm. Turner

SMITH'S IMPERIAL. Elmer Smith says: "We consider this one of our greatest achievements." An incurved white, fully developed October 22d, good from any bud August 25th, and after. Dwarf, 4½ ft., from May planting will produce three to four perfect flowers per plant for those who prefer them only medium size. Has abundant glossy foliage extending up to the bloom, short-jointed, ridged stem. (Certificate by all five C. S. A. Committees). Each, 75c.

LOUISA POCKETT. Color purest possible white. Mr. Pockett calls this his "greatest achievement," and has named it after his wife. He says it will displace the popular Wm. Turner, the "King" of exhibitions the past four years. Flower, stem and foliage are alike enormous. Handled exactly like Wm. Turner, it will give splendid results. Give room to develop. Certificated C. S. A. 5½ ft., each, \$2.00.

NAG-IR-ROC (Golden Champion). Mr. Totty says: "Finest exhibition yellow I have ever distributed." Deepest glowing orange-yellow, 45 in. in circumference; every petal reflexing shows the color to advantage. Every bud makes a splendid flower. Stem and foliage perfect. Any bud after August 15th. Certificated C. S. A. 5 ft., each, \$2.00.

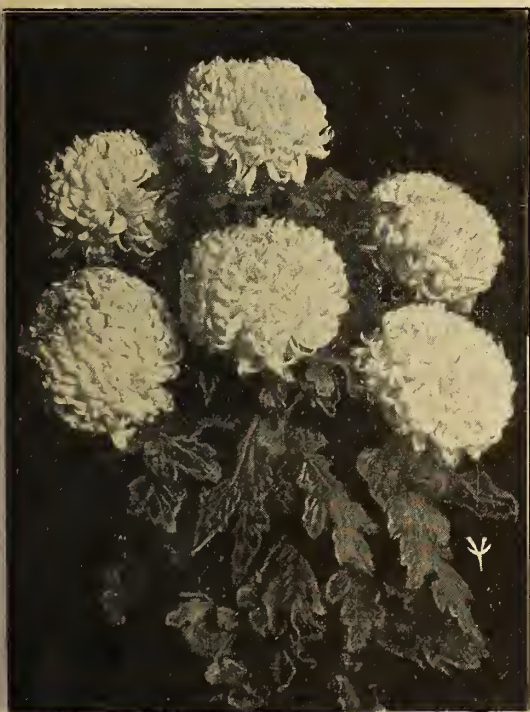
OCTOBER KING. Deep golden yellow, petals beautifully whorled. It is ready to cut the first week in October, long before any other yellow of its size is ready. The blooms brought a phenomenal price the first year. Certificated C. S. A., 1915. No yellow can touch it for early shows. Any bud after August 1st. 3¾ ft., each, \$2.00.

PRES. JOHN EVERITT. Color, very unique chamois-buff, very closely incurved, forming a perfect 9-in. ball. As the flower develops, the center petals open outward and show considerable of the bronzy-crimson reverse. Very dwarf, robust grower, and one of the largest flowers in the collection. This variety, with its enormous size and splendid habit, make it one of the best three big bronzes. Bud August 15th onward. 3½ ft., each, \$2.00.

DECEMBER QUEEN. The latest yellow Chrysanthemum, maturing November 25th to December 5th. Over 9 inches in diameter. Bright yellow, approaching orange, so slightly penciled with red as to be hardly noticed. Double to the center from buds selected September 20th to 30th (early ones will not develop). Four feet from June planting. C. S. A. Certificate. Each, 75c.

OCTOBER HERALD. An orange-yellow, similar in color to Old Gold; in form reflexed with somewhat twisted petals. Best blooms from buds selected August 25th, and may be grown 8 inches in diameter. Strong upright growth, 4½ to 5 ft., from May planting, with good stem and foliage. Its striking color brings forth the strongest expressions of admiration. C. S. A. Certificate. Each, 75c.

YONDOTA. Owing to the extreme scarcity of good early pinks, this is sure to meet with general favor. A beautiful shade of rose-pink, entirely free from magenta. Matures October 25th, from buds selected August 25th. Flowers from later buds are inclined to show the center, but if cut before fully developed, its color insures good sale. Stem and foliage excellent; 5 ft. from May-planted stock. C. S. A. Cert. Each, 75c.



SMITH'S IMPERIAL

Can be grown 12 in. or more in diameter

SINGLE VARIETIES

Very popular as pot plants or for cut flowers. Most valuable for light graceful work. Do not dis-bud closely. We offer our own seedlings and a selection of other varieties which have been much admired. Strong plants from 2¼ in. pots.

- Blazing Star.** Deep crimson, yellow center.
- Josephine.** Large yellow, measuring 4 inches across.
- Golden Mensa.** Bright yellow.
- Mensa.** A very fine bloom, the petals being of the purest white, and produced in a double row. Center yellow.
- Merstham Jewel.** Reddish bronze.
- Mrs. E. D. Godfrey.** Pink with lavender shadings. Each, 10c; doz., 75c; per 100, \$5.00.

CHRYSANTHEMUMS

Recommended by Vaughan's Greenhouses

FOR POT CULTURE

We have found the following varieties to be among the best. Strong plants, from 2¼ inch pots. Those marked (*) are also good varieties for bench culture.

- ***Aug. Dasse.** A golden yel—Each Doz 100 low, good sized flowers, strong stiff stem with fine foliage, a first-rate commercial variety. \$0.10 \$0.85 \$6.00
- ***Chieftain.** A rose-pink, commercial variety of exceptional merit. Perfect stem and foliage.10 .60 4.00
- ***Greystone.** A very beautiful golden bronze. Very attractive.15 1.50 10.00
- ***Harvard.** Japanese reflexed, very dark crimson; in perfection November 15th and later. Best dark Chrysanthemum for pot.10 .75 5.00
- Marion Newell.** Very fine pink. Japanese.10 .75 5.00
- ***May Foster.** Pure white, fine for pot plants.10 .60 4.00
- ***Mrs. F. Beu.** Medium sized flowers of a beautiful shade of bronze.10 .75 5.00
- ***Mrs. Wm. Duckham.** Large Japanese yellow.10 .60 4.00
- Mutual Friend.** Pure white, a large reflexed flower.10 .75 5.00
- ***Oconto.** An early white, incurved and very large, maturing October 15th. A strong grower with rigid stem and fine foliage.10 .75 5.00
- Old Gold.** Orange yellow of immense size and good form. Extra fine for pot plants.15 1.25 8.00

Phyllis Bryant. Sulphur yellow. The flower absolutely perfect in outline and one of the very finest yellows we have so far received for cutting and shipping.

R. B. Burge. The purest white with bright yellow center, similar to pond lily; not a very robust grower. Each, 15c; doz., \$1.25; per 100, \$8.00.

Stanley Ven. Deep lavender, shading to rose. Sprays well divided; needs little dis-budding.

Wm. Buckingham. Very large, lovely shade of intense rose. Strong grower with fine foliage. Prices, except where noted, each, 10c; doz., 60c; per 100, \$4.00.

MID-SEASON AND LATE POMPONS

	Each	Doz	100
Aileen. Clear rose pink . . .	\$0.10	\$0.75	\$5.00
Baby. Very small yellow . .	.10	.75	5.00
Diang. Pure white, extra fine and large . . . . .	.10	.60	4.00
Golden Chimax. Orange yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification . .	.10	.60	4.00
Golden West. A duplicate of the Yellow Baby, except that it is twice as large. . .	.10	.60	4.00
Helen Newberry. Late white Pompon, just as good as the variety Diana, which it follows for Thanksgiving and up to Christmas . . . . .	.10	.75	5.00
Julia Lagravere. Deep red, best of its color . . . . .	.10	.60	4.00
Klondyke. A late brilliant yellow . . . . .	.10	.60	4.00
Lillian Doty. A beautiful shell pink in the large flowering section. The plant is a strong upright grower . . . . .	.10	.75	5.00
Prince of Wales. A fine pure white; good, strong habit. . . . .	.10	.60	4.00

CHRYSANTHEMUMS—For Pot Culture—Contd.

*Roman Gold. A very intense yellow, changing to a bronzy tint in the depths of petals from late buds. Perfect stems.	Each	Doz.	100	\$0.15	\$1.25	\$8.00
*Smith's Sensation. Its delicate shade of cameo-pink is greatly enhanced under artificial light; large, incurved.	.10	.60	4.00			
The Bard. Well known deep crimson	.10	.60	4.00			
W. H. Lincoln. Bright yellow. A well-known variety	.15	1.25	8.00			

CAPRICE DU PRINTEMPS TYPE

A new early flowering strain and ideal for pot culture. Can be planted out in the open ground in May if desired. Best sellers and money makers for every plantsman. Flowers about 3 inches across.

Butler's Caprice. Deep pink.	Lilac Cap. Deep lilac, very showy.
Mrs. Greening. Flowers pink, with lighter shade in center.	Purple Cap. Purple without any markings. Dwarf compact grower.
White Cap. Pure white.	Yellow Cap. Bright clear yellow.

Prices of above, each, 15c; doz., \$1.50; per 100, \$10.00.

ANEMONE TYPE—For Pots

Bessie Flight. Rose pink, small cushion	Each	Doz.	100	\$0.10	\$0.85	\$6.00
C. L. Hutchinson. Large white, pointed petals	.15	1.50	10.00			
Garza. Medium size white, used extensively for sprays	.10	.75	5.00			
Miss Warner. Flesh pink	.10	.85	6.00			
Mrs. Harry Eland. Deep, large cushion	.15	1.25	8.00			

HARDY OUTDOOR CHRYSANTHEMUMS

The following will furnish an abundance of flowers from August until heavy frost. Strong plants from 2 1/4-inch pots.

POMPONS

Bijou Rose. A beautiful rose; free.	Canary Bird. Rich yellow, early.
Charlotte. Deep bronze. Each, 10c; doz., 75c; per 100, \$5.00.	Excelsior. Bright yellow and orange. Elva. Early white, free.
Fairy Queen. A bright pink, large-flowering. One of the handsomest early.	Kate Manning. Reddish bronze, early. Each, 10c; doz., 75c; 100, \$5.00.
Mike Goble. Fine early yellow.	Miss Seeley. Pure white.
Uneda. Pure yellow.	Zoda. Soft delicate pink.

Price, except where noted, each, 10c; doz., 60c; per 100, \$4.00.

LARGE FLOWERING

Arlington. A new type and color of the hardy varieties. Dark crimson, an early bloomer, until late November	Each	Doz.	100	\$0.10	\$0.75	\$5.00
A. Barham. Bronze; incurving	.10	.75	5.00			
Autumn Glow. Rose crimson	.10	.75	5.00			
Carrie. End of August. Yellow, in cluster form	.10	.60	4.00			
Carpet of Snow. White, end of August, in clusters	.10	.75	5.00			
Cranfordia. Large yellow flowers, measuring 6 inches	.10	.75	5.00			
Framfield. Early white. August. Large cluster, free	.10	.75	5.00			
Firefly. A reddish bronze; very early, until late frost	.10	.75	5.00			
Golden Queen. Large pure golden yellow	.10	.75	5.00			
Gustave Grunnerwald. Light pink	.10	.75	5.00			
Goacher's Crimson. The best of all the crimsons	.10	.75	5.00			
Horace Martin. A golden yellow, sport of Marie Masse	.10	.75	5.00			
Indian. Indian red, free flowering	.10	.75	5.00			
Le Pactole. Very pleasing shade of bronze; free and early	.15	1.25	8.00			
Miss F. Collier. Large white flowers on stiff stems	.15	1.25	8.00			
Normandie. Blush pink; very dwarf and free flowering	.10	.60	4.00			
Old Homestead. Large pink flowers, strong grower	.10	.75	5.00			
Pink Harbinger. Rose pink	.10	.75	5.00			
White Countess. Large white flowers, medium early; 3 ft.	.15	1.25	8.00			
White Masse. Pure white, compact grower	.10	.75	5.00			

VAUGHAN'S POMPOM VARIETIES For Cut Flowers

"BUTTON" TYPES (1 in. and under)	"MEDIUM" POMPONS (1 1/2-inch)
Baby (yellow).	Diana (pure white).
Charlotte (deep bronze).	Golden Climax (golden yellow).
Elva (white) early.	Leota (light pink).
Mike Goble (yellow) early.	Jules La Gravere (crimson).
Fairy Queen (light pink).	Zora (bright yellow).
Veta (white).	Clarinda (bronze).

These, grown on, will make good money for any Florist. Order now. Price, ten (10) each above twelve kinds, 120 plants, \$5.50. Twenty-five (25) each above twelve kinds, 300 plants, \$13.00.

CARNATIONS—Rooted Cuttings

1917 Novelties

Of the many introductions of the past year we offer the following:

THENANTHOS (Red) SUPERB (Flesh-Pink)

Price of above, per 100, \$12.00; per 1,000, \$100.00.

LATE AND STANDARD VARIETIES

We can supply well rooted cuttings of all the best Florists' Kinds. Write for list and prices. Rooted cuttings ready any time up to April 1.

FERN, CIBOTIUM SCHIEDEI

6 inch.....Each, \$2.00 and \$2.50	8 inch.....Each, \$3.00 and \$3.50
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FARFUGIUM GRANDE

3 inch.....Each \$0.15 \$1.50	4 inch.....Each \$0.25 \$2.50
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VAUGHAN'S BOSTON FERNS Our typee. See cut above.

We grow our Bostons bushy and well furnished from the pot up. They are pot-grown and worth double the long-drawn, bench-lifted stock. Our customers are "repeaters" on these. That's why we are always sold out early.

2 1/2 inch	Each	Doz.	100	1090	Each	Doz.	100
3 inch	..\$0.10	\$0.75	\$ 5.00	\$45.00	6 inch	..75	7.50 50.00
4 inch	..15	1.25	8.00	75.00	7 inch	..1.00	9.00
5 inch	..25	2.50	20.00	180.00	8 inch	..1.25	12.00
					10 inch	..\$2.50 to 3.00	each.

NEPHROLEPIS ROOSEVELT JUNIOR—Teddy Jr.

A sport from the Roosevelt Fern. Its habit of growth differs by producing shorter fronds, which are broad and taper from base to tip. They droop just enough to make a shapely plant, finishing with a full center.

2 1/2 inch	Each	Doz.	100	5 inch	.....	Each	Doz.	100
3 inch	.....	\$1.25	\$ 8.00	6 inch	.....	\$0.40	\$4.50	\$35.00
4 inch	.....	1.75	12.00			.75	7.50	
		\$0.25	2.50	20.00				

FANCY TABLE FERNS

We have selected the varieties named below as the most useful to florists for filling ferneries and jardiniere, and for other florist work.

CYRTOMIUM ROCHFORDIANUM—Crested Holly Fern.

A handsome decorative plant. Deep glossy green leaves, beautifully undulated and serrated like real holly.

Price, 2 1/2 inch pots, each, 10c; doz., 60c; 100, \$4.00; 1,000, \$35.00. ASPIDIUM TSUSSIMENSE. 2 1/4 inch, doz., 60c; 100, \$4.00; 1,000, \$35.00.

PTERIS VARIETIES

CRETICA ALBA LINEATA	WILSONI
COMPACTA	WIMSETTI
SERRULATA	SERRULATA CRISTATA VARIEGATA

Above named sorts, 2 1/4 inch pots, doz., 50c; per 100, \$3.50.

OUR SELECTION, Assorted. 2 1/4 inch, doz., 50c; 100, \$3.50; 1000, \$30.00.

ADIANTUM—Maiden Hair

HYBRIDUM.	Each	Doz.	100	SCUTUM ROSEUM.	2 1/4 in.	Each	Doz.	100
2 1/4 in.	.....	\$0.15	\$1.25	\$8.00	3 in.	.....	.25	2.50 15.00
3 in.	.....	.20	1.75	12.00	4 in.	.....	.35	3.50
4 in.	.....	.35	3.00	20.00	5 in.	.....	.60	6.00

PALMS

Our prices on Palms, etc., are for shipment in paper pots. If wanted in earthen pots, we charge a small amount to cover the extra heavy expense caused by packing in this manner. All measurements of plants are taken from the top of the plant in its natural position.

KENTIA FORSTERIANA Ready in June.

7 inches.....	Leaves	6-7	Height	30-36 inches	Each	\$3.00
8 inches.....	6-7	36-40 inches	4.00			
8 inches.....	6-7	44-48 inches	6.00			

KENTIA FORSTERIANA—Made up

Size of Pot	No. of Plants	Height	Each
7 inches.....	3	30-34	\$3.50
8 inches.....	3-4	36-40	6.00
8 inches.....	3-4	45-48	7.50

PANDANUS VEITCHII

A grand lot of nicely colored plants. Choice and well grown.

4-in. pots, strong plants	Each	\$0.60	\$6.00
5-in. pots, strong plants	75	9.00	
6-in. pots, strong plants	1 25	12.00	

PHOENIX ROEBELNI

4 inch.....	50	5.00
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General List Continued

Bedding and Other Plants

FEVERFEW

LITTLE GEM. Large double white flowers.....	2½ in. pots	Doz.	100
GOLDEN FEATHER. For border and carpet bedding. 2½ in...			\$0 60 \$4 00
			40 3 00

FICUS ELASTICA—Rubber Plant

The plants we offer are perfect with leaves from the pot up. Height taken from top of pot.

4 inch pots, 10 to 12 inches high.....	Each	Doz.	100
5 inch pots, 15 to 18 inches high.....			\$0 40 \$3 50 \$30 00
			50 5 00

FICUS REPENS. A trailing or creeping variety with small foliage; useful for baskets. 2¼ inch.....

10	85	6 00
3 inch.....	15	1 50 10 00
4 inch.....	25	2 50 15 00

FUCHSIAS

BLACK PRINCE. Bright waxy carmine.....	10	60	4 00
ELM CITY. Rich crimson and purple.....	10	60	4 00
PHENOMENAL. Crimson and purple.....	10	60	4 00
SPECIOSA. Pale red.....	10	60	4 00
The above varieties in 4 inch pots.....	20	2 00	15 00

HELIOTROPE

CENTEFLEUR. Best dark to date, 2¼ inch pots.....	15	60	4 00
4 inch.....	15	1 50	10 00
Mammoth. Mixed, light colors. 2¼ inch.....	15	60	4 00
4 inch.....	15	1 50	10 00

HYDRANGEAS

OTAKSA. Well known pink variety. 2½ inch pots.... 10 60 4 00

NEW FRENCH VARIETIES. Of the long list offered, we have selected the following as being the most suitable for florists' use.

Lillie Mouilliere. Large pink flowers—a most beautiful pink variety.

Mme. Emile Mouilliere. Large pure white crimped flowers sometimes having a pink eye. A favorite in New York.

Mme. Maurice Hamar. An early flesh pink. Vigorous grower.

Souvenir de Mme. Chantard. Bright rose colored flowers of a splendid erect habit of medium size. Very free and early.

Price, 2½ inch pots, each, 10c; doz., 85c; 100, \$6.00.

Plants in flower for Easter from 5 to 7 inch pots, 3 to 8 blooms, 50c to \$2.00 each.

We can supply choice American pot-grown stock of the above for fall delivery.

IPOMEA—Moonflower

NOCTIFLORA. White, 2½ inch pots.....	\$0 10	\$0 60	\$4 00
4 inch pots.....	15	1 25	8 00
LEARIL. (Blue dawn-flower). 2½ inch pots.....	10	60	4 00
3 inch pots.....	10	85	6 00
PANICULATA. (Mexican Morning Glory.) 2½ inch.....	15	1 25	8 00
Medium tubers.....	15	1 50	10 00
Extra large tubers.....	20	2 25	.....

IVY—English

2½ inch pots.....	10	50	3 00
4 inch pots.....	20	2 00	15 00

IVY—German

2½ inch pots.....	10	50	3 00
4 inch pots.....	20	1 75	12 00

JERUSALEM CHERRY. See Solanum.

LANTANA—Weeping

This plant has a graceful drooping habit, grows very rapidly and blooms continually summer and winter. Color rosy pink. Doz., 60c; 100, \$4.00.

LANTANA, Leo Dex. Orange scarlet changing to Each Doz. 100

crimson; robust grower. 2¼ inch pots.....	\$0 10	\$0 60	4 00
4 inch pots.....	20	2 00	15 00

LOBELIA

CRYSTAL PALACE COMPACTA.....	\$0 40	\$3 00	\$25 00
BEDDING QUEEN.....	40	3 00	25 00
SAPPHIRE.....	40	3 00	25 00

MARGUERITES—Paris Daisies

MRS. F. SANDER. Improved double white. Large pure white flowers, beautifully fringed. Valuable for cut-flowers and pots. Each Doz. 100

2¼ inch pots.....	\$0 10	\$0 60	\$4 00
4 inch pots.....	20	1 75	12 00

ETOILE D' OR. Single golden yellow.

2¼ inch.....	10	60	4 00
4 inch.....	20	1 75	12 00

QUEEN ALEXANDRA. Handsome pure white flowers, single, semi-double and double all on one plant.

2¼ inch pots.....	10	60	4 00
4 inch pots.....	20	1 75	12 00

PENNISSETUM—Fountain Grass

Beautiful grass-like plants with graceful plumes 2½ to 3 feet high which are very effective as borders for Canna beds.

LONGISTYLUM. White plumes. 2¼ in.....	Doz.	100
		\$0 60 \$4 00

PENTSTEMON

SOUTHGATE GEM. Brilliant Scarlet with white markings at throat; very free and attractive for massing.

2¼ inch pots.....	Each	Doz.	100
			\$0 10 \$0 60 \$4 00



CROTON



PANDANUS VEITCHII

PETUNIAS

DOUBLE WHITE. Flowers are large in size, very double; color pure white without markings.....	Doz.	100	\$0 75 \$6 00
FINEST DOUBLE SORTS. Propagated from cuttings and not seedlings. Pink, Purple, Variegated and White.....	75	6 00	
VAUGHAN'S BEST SINGLE MIXED, from seed. Ready May 1.			
2-inch.....	50	3 00	
Balcony Queen, 2½-inch.....	50	3 00	
Rosy Morn, best strain.....	50	3 00	

SALVIA—Scarlet Sage

DROOPING SPIKES. 2½ feet. Large flowering, very free.

FIREBALL. 1½ feet. Very early and large flowering.

ZURICH. 1¼ to 1½ feet. Very dwarf and compact, early blooming.

Size Pots	Each	Doz.	100	1000
2½ in.....	\$0 10	\$0 60	\$4 00	\$35 00
4 in.....	15	1 50	10 00	

SCILLA MARITIMA (Sea Onion)

MEER ZWIBEL. Used for medicinal purposes.

Each	Doz.
3 inch pots.....	\$0 15 \$1 00
4 inch pots.....	20 2 00

VERBENAS

Ready about May 1st.

Mammoth Pink, Purple, Scarlet, White and mixed. 2½-in. pots.....	\$0 50	\$3 00
BEAUTY OF OXFORD. A mammoth pink. 2½-in.....	60	4 00
CHAS. MARTIN.	60	4 00
CRIMSON KING. Rich Crimson.....	60	4 00
FRANCIS. Clear rose, large flower.....	60	4 00
ELLEN WILLMOTT. Rich salmon pink.....	60	4 00
LAVENDER. Sale mauve.....	60	4 00
LEMON-SCENTED. 2½-in.....	75	5 00

VINCA—Major Variegata

Size Pots	Doz.	100
2¼ inch.....	\$0 60	\$3 00
3 inch.....	1 25	8 00
4 inch.....	2 00	15 00

PLANTS FOR XMAS

PEPPER—Christmas or Celestial

From 2½-in. pots (ready June).....	Each	Doz.	100
	\$0 10	\$0 50	\$3 00

POINSETTIAS—"The" Xmas Plants

Ready in June.

2¼-in. pots.....	Each	Doz.	100	1000
	\$0 10	\$0 85	\$6 00	\$50 00

PRIMULAS—Primroses

Up-to-date varieties. Grown from the finest strain of seed in the world, of which we sell large quantities to the most particular pot-plant specialists.

OBCONICA Gigantea, Grandiflora and Magnifica, doz. 75c; 100, \$5.00; 2¼in. assorted colors. Doz. 60c; 100, \$4.00; per 1000, \$35.00

SOLANUM MELVINI—Jerusalem Cherry

Ready about April 1st.

Best oval-fruited, Xmas variety.

2½-in. pots.....	Each, 10c; doz., 60c; 100, \$4.00
4- and 5-inch. Ready in September. Write for prices.	



King Humbert

The Best Bronze-Leaved Canna of Today

This remarkable Gold Medal Canna has been the prize winner for many years. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color, and habit. It is a cross between the Orchid flowering and the French, or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the others, 4½ feet in height.

Its giant flowers, orange scarlet in color, the very broad, rubber-like bronze leaves, altogether make up a plant so distinctively in advance of any other bronze-leaved Canna that the demand for it is universal.

	Each	Doz.	100	1,000
Dormant roots.....	\$0.10	\$0.60	\$ 4.00	\$35.00
3 inch Pot plants.....	.10	.85	6.00	50.00
4 inch Pot plants.....	.15	1.50	10.00	90.00
5 inch Pot plants.....	.25	2.50	18.00	



SPECIAL PRICES FOR ABOVE THREE

KING HUMBERT. Scarlet. Bronze Leaf.
 YELLOW KING HUMBERT. Yellow. Green Leaf.
 FIREBIRD. Scarlet. Green Leaf.

3 of each for \$2.00
 6 of each for 3.75
 12 of each for 7.00

Vaughan's Cannas of Recent Introduction

Prices are for Dormant Roots up to April 1st, after which pot plants are ready.

	Each	Doz.	100
ALTITUDE. 5½ ft. Long, well formed spikes of bright scarlet flowers, borne well above the brown foliage.....	\$0.20	\$1.75	\$12.00
AIGLE. 4 ft. Green foliage, with narrow bronze margin. Color a rich crimson-scarlet without any markings. A fine round-shaped flower spike, carried well above the foliage.....	.20	1.75	12.00
AVIATION. 3½ ft. Green foliage. The flowers are large and round. Color vermilion red without any markings.....	.25	2.50	20.00
EHRENFELS. 4 ft. Flowers large, clear orange, broad petaled. Flower heads massive, borne well above the red foliage.....	.25	2.50	20.00
EUREKA. 4 ft. A very vigorous and prolific variety. Flowers are large and well formed, at first appearing cream color turning later to pure white.....	.25	2.50	20.00

	Each	Doz.	100
FANAL. 4½ ft. Color intense glowing fiery cinnabar-red, foliage green, bordered brown. A free and early bloomer.....	\$0.25	\$2.50	\$20.00
GOLD BIRD. (l'Oiseau d'Or.) 4½ ft. A very good yellow, but not as fine as Yellow King Humbert....	.50	5.00	35.00
ORIENTAL. 4 ft. Foliage light green. Flowers are a beautiful golden yellow, tigred with nasturtium red, and form huge spikes. Very vigorous.....	.25	2.50	20.00
RHEINSTEIN. 3½ ft. Color clear brilliant rosy carmine; flowers large, well formed; spikes well above the foliage. Foliage rich green. A free and early bloomer.....	.35	3.50	30.00

SPECIAL OFFER No. 6. One each of the above 9 varieties for \$2.00.

EVERY FLORIST who has a plant trade has made money the past 20 years by taking on yearly a few of Vaughan's Canna Novelties.

Vaughan's Cannas

OUR EXPERIENCE WITH CANNAS

Our Canna fields at Western Springs when in bloom during August and September make a grand showing and present a wonderful blaze of color. They attract thousands of visitors, both professionals and amateurs. Last year we grew over ten acres of standard sorts and novelties, besides 1,000 seedlings. Canna culture is one of our main specialties now as it has been for thirty years.

Our Cannas have won important prizes wherever exhibited—(Three Grand Gold Medals), Chicago, Omaha, Buffalo and St. Louis.

We ought to know something about Cannas, and realize that many so-called novelties are being sent out every year whose only claim for existence in many instances is a new name. We had to pay dearly in discovering that ignorant and unscrupulous growers give almost any name to their stock of Cannas, as long as the color is somewhere near correct. To them any red is a "New Chicago," any yellow a "Florence Vaughan," etc.

Our Cannas are true to name, and furthermore, the stock we use for propagation has been specially selected on points of vigor, true type, color, size of flowers.

In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior varieties being discarded every year as the merits of the newer ones are proven.

OUR 1917 NOVELTY

Yellow King Humbert

An orchid flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green with flowers measuring 5 to 7 inches across; individual petals 3 to 3½ inches in diameter. Color of flower a deep rich yellow heavily spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet striped flower, which we consider an advantage, rather than a defect.

	Each	Doz.	100
Dormant Roots.....	\$0.50	\$ 5.00	\$35.00
Strong Pot Plants.....	.50	5.00	35.00

Vaughan's Firebird

The best red-flowered green-leaved Canna

The flowers are borne in immense trusses, on strong stalks well above the leaves. They are of splendid form, round and shapely. The petals measure and sometimes exceed 2½ inches across, and the color is a glistening scarlet without any streaks, spots or blotches.

We have seen and tested many varieties during the years we have devoted to their culture and have never seen one that can approach it. Customers who have grown this Canna concede its worthiness to rank with the Grand Bronze King Humbert.

Our rapid propagation the past two years now brings it within the reach of all. You will have to have it for you will be asked for it this year.

	Each	Doz.	100
Dormant Roots. Up to April 1st.....	\$0.20	\$2.00	\$12.00
Strong Pot Plants.....	.20	2.00	12.00

VAUGHAN'S SELECTED Choice Cannas

Prices are for Dormant Roots up to
April 1st, after which Pot Plants are ready



VAUGHAN'S FIREBIRD

The very best red-flowered green-leaved Canna

	Each	Doz.	100
ADOLPH GRIMMINGER. Foliage broad dark green. Flowers of enormous size, brilliant light carmine. A very effective color. The flower heads are loose and of enormous size.....	\$0.20	\$1.75	\$12.00
CHARLES LUTZ. 4½ ft. A magnificent yellow. Foliage large, vigorous and of a healthy green. We might describe this as a green-leaved, yellow-flowering King Humbert, because it has the same massive foliage and immense flowers.....	.20	2.00	15.00
HUNGARIA. 3½ ft. Very compact, almost dwarf and of very luxuriant growth. Leaves bluish green, never burn. Trusses of enormous size borne well above the foliage. Flowers very large with very broad petals. Color purest La France pink with satin sheen. The most delicate pink in Cannas.....	.20	1.50	10.00
JOHN FARQUHAR. 4 ft. Foliage bright metallic brown. The flowers, which are borne well above the leaves, form a beautiful contrast over the handsome foliage.....	.15	1.50	10.00
JULIUS KOCH. 3 ft. Foliage dark green. Flowers composed of four broad, well-rounded large petals of the most brilliant blood-red. One of the best reds in our collection.....	.15	1.50	10.00
MATODOR. 4½ ft. A grand introduction. Flowers of the largest size, with beautiful rounded petals. An abundant bloomer. Color rich scarlet marbled cerise..	.15	1.50	10.00
MRS. ALFRED F. CONRAD. 4 ft. Exquisite salmon pink flowers of the largest size, produced in fine erect spikes well above the green foliage.....	.15	1.50	10.00
QUEEN OF THE YELLOWS (Konigin der Gelben). 4½ ft. Flowers of the purest yellow, forming splendid spikes. An ideal Canna.....	.20	2.00	15.00
STUTTGARTIA. 4½ ft. Broad, dark green leaves, of majestic growth. Flowers glowing orange-scarlet with canary-yellow hand, and peculiarly marked and mottled. The mammoth flowers are borne on strong stems and are carried erect above the foliage.....	.20	2.00	15.00

SPECIAL OFFER NO. 7. One strong plant of each of above 9 varieties for \$1.25.

STANDARD VARIETIES

Dormant Roots supplied up to April 1st, after that date Pot Plants are ready.

Bronze Leaved Varieties	Dormant Roots		3-inch Pot Plants		100
	Doz.	100	Each	Doz.	
DAVID HARUM. 3½ ft. Vermilion scarlet.....	\$0.60	\$4.00	\$0.10	\$0.85	\$6.00
DISCOLOR. 6 to 8 ft. Beautiful musa-like foliage. Used in conjunction with other varieties for foliage effect. Dormant roots.....	.50	3.00	....	....	....
EGANDALE. 4 ft. Currant red.....	.50	3.00	.10	.75	5.00
LEONARD VAUGHAN. 4½ ft. Bright scarlet.....	.60	4.00	.10	.85	6.00
WM. SAUNDERS. 3½ ft. Bright scarlet.....	1.25	8.00	.15	1.25	8.00
Red Flowering, Green Foliage					
BEAUTE POITEVINE. 3½ ft. Dark crimson.....	.60	4.00	.10	.85	6.00
CHAS. HENDERSON. 4 ft. Bright crimson.....	.50	3.00	.10	.75	5.00
GARAM. 3½ ft. Carmine scarlet.....	1.50	10.00	.15	1.50	10.00
MILWAUKEE. 4 ft. Dark maroon.....	.60	4.00	.10	.85	6.00
NEW CHICAGO. 4½ ft. Brilliant scarlet.....	1.25	8.00	.15	1.25	8.00
THE EXPRESS. 2½ ft. Crimson scarlet.....	.60	4.00	.10	.85	6.00
Variegated Red and Yellow Shades, Green Foliage					
GLADIOFLORA. 3½ ft. Crimson, edged yellow.....	.60	4.00	.10	1.00	7.00
HALLEY'S COMET. 4 ft. Scarlet, yellow edge.....	.60	4.00	.10	.60	4.00
MME. CROZY. 3½ ft. Vermilion, with gold border.....	.50	3.00	.10	.75	5.00
MULTIFLORA. 4 ft. Vermilion, with yellow border.....	.60	4.00	.10	.85	6.00
QUEEN CHARLOTTE. 4 ft. Orange scarlet with gold hand.....	.60	4.00	.10	.85	6.00
SOUV. DE A. CROZY. 4 ft. Crimson with yellow border.....	.50	3.00	.10	.75	5.00

Orchid Flowering Cannas	Dormant Roots			3-inch Pot Plants	
	Doz.	100	Each	Doz.	100
ALLEMANIA. 4-5 ft. Green foliage, scarlet and yellow.....	\$0.50	\$3.00	\$0.10	\$0.75	\$5.00
BURBANK. 5 ft. Green foliage, clear yellow.....	.50	3.00	.10	.75	5.00
FREDERICK BENARY. 5-6 ft. Green foliage, red, yellow throat and hand...	.50	3.00	.10	.75	5.00
KING HUMBERT. 4½ ft. Bronze foliage, orange scarlet.....	.60	4.00	.10	.85	6.00
LONG BRANCH. 5 ft. Crimson, yellow border, green foliage.....	.60	4.00	.10	.85	6.00
LOUISIANA. 6 ft. Green foliage, large vivid scarlet.....	.50	3.00	.10	.75	5.00
MRS. CARL KELSEY, 6 ft. Orange scarlet and yellow, green foliage.....	.50	3.00	.10	.75	5.00
NEW YORK. 5 ft. Bronze foliage, rich scarlet.....	.50	3.00	.10	.75	5.00
WYOMING. 7 ft. Golden yellow, bronze foliage.....	.50	3.00	.10	.75	5.00
Yellow Shades, Green Foliage					
BUTTERCUP. 3½ ft. Clear golden yellow.....	.75	5.00	.10	1.00	7.00
GUSTAVE GOMPPER. 3½-4 ft. Golden yellow the lower petals being lightly spotted with red. Good sized flowers..	.85	6.00	.15	1.25	8.00
DWARF FLORENCE VAUGHAN. 3 ft. Yellow, spotted light crimson.....	.85	6.00	.15	1.25	8.00
FLORENCE VAUGHAN (true stock). 5 ft. Yellow, spotted crimson.....	.50	3.00	.10	.75	5.00
Pink and White Shades, Green Foliage					
IMPROVED MONT BLANC. 3 ft. Pure white.....	1.25	8.00	.15	1.25	8.00
VENUS. 3½ ft. Rosy pink mottled creamy yellow border.....	.50	3.00	.10	.75	5.00
MIXED. All kinds and colors. Per 1,000.....	\$20.00	.40	2.50		



PARZIVAL

An excellent example of the Cactus type

DAHLIAS

In the following list we offer what we consider the very best of the foreign and American Dahlias, which we observed in our extensive trials last season. The greater part we can supply both in dry roots and small plants, but some of the rarer sorts we furnish in green plants only.

While roots may generally be planted by April 15th, it is hardly wise to set out the growing plants until May 10th to 15th.

Prices are for growing plants from 2½ in. pots, ready April 15th.

Contrary to popular opinion, we maintain that Dahlia plants are always superior to dry roots, and are willing to take the responsibility of recommending them.

CACTUS DAHLIAS

	Each	Doz.	100
AURORA. An attractive soft pink, slightly tipped white, brilliant golden in the heart. One of the best Dahlias for exhibition, being colossal in size, elegant in form, most perfect in type and of the most exquisite coloring.	\$.15	\$1.50	\$10.00
ALPENROSE. A fine flower with twisted petals. Of a bright aniline red, intensified by golden yellow.	.15	1.50	10.00
CHAS. CLAYTON. A dazzling red. Blooming very early and freely.	.15	1.50	10.00
COUNTESS OF LONSDALE. A delicate apricot, shading towards the edges of the petals to carmine pink. Early and one of the very best.	.15	1.25	8.00
DAINTY. The ground color is lemon-yellow, which shades lighter as the season advances, at which time the color approaches canary yellow at the base of the petals. Half-way from the base of the petals, one notices the beautiful rose-pink. The tips of the petals are golden and the flowers are produced on long, stout stems.	.15	1.25	8.00
HOLSATIA. Orange scarlet. One of the freest flowering Cactus Dahlias and perfect in form. Flowers are borne on long, stiff stems.	.10	.85	6.00
LAWINE. A pure white of good form, very free and early flowering.	.15	1.25	8.00
PARZIVAL. One of the earliest and freest flowering of the white cactus varieties. The flowers are large, of good form, creamy white, produced on fine stems well above the foliage.	.15	1.50	10.00
RHEINKONIG. Pure snow white flowers of splendid form, 5 inches and over in diameter. These are of great substance, lasting splendidly when cut; they are born on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cutting.	.15	1.25	8.00
SPOTLESS QUEEN. An excellent white for cut flowers.	.15	1.25	8.00
UNCLE TOM. A deep velvety maroon, almost black.	.10	.85	6.00

DECORATIVE DAHLIAS

	Each	Doz.	100
BONNARD'S YELLOW. Deep yellow. Extra large flowering.	\$.10	\$0.85	\$6.00
CLIFFORD W. BRUTON. Bright golden yellow. Very large and early flowering.	.10	.85	6.00
DAVID HARUM. Bright orange scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 inches across. We consider this one of our finest decorative Dahlias.	.15	1.25	8.00
DELICE. Most beautiful clear pink. Extra fine for cutting.	.15	1.50	10.00
HENRY PATRICK. A pure waxy white of good size. A free bloomer.	.15	1.25	8.00
JACK ROSE. A rich velvety crimson, splendid for cutting; full in center, measuring 6 to 7 inches across.	.15	.85	6.00
JEANNE CHARMET. Flower 7 to 8 inches in diameter. Bright pink with crimson edges.	.15	1.25	8.00
LYNDHURST. A rich and brilliant cardinal red. Fine for cut flowers.	.10	.85	6.00
MISS MINNIE McCULLOCH. This is a splendid variety, the color is a soft yellow overlaid with bronze; very handsome under artificial light. The stems are strong. It is a good keeper and makes a good cut flower.	.15	1.50	10.00
MRS. CHAS. TURNER. Pure yellow. A strong grower and profuse bloomer of immense size.	.10	.85	6.00
PERLE DE LYON. A beautiful pure white of good form.	.15	1.25	8.00
SYLVIA. White shading to soft pink on the outer petals, which are of great substance. The flowers are fine in form, full to the center and great shippers.	.10	.85	6.00

SINGLE DAHLIAS

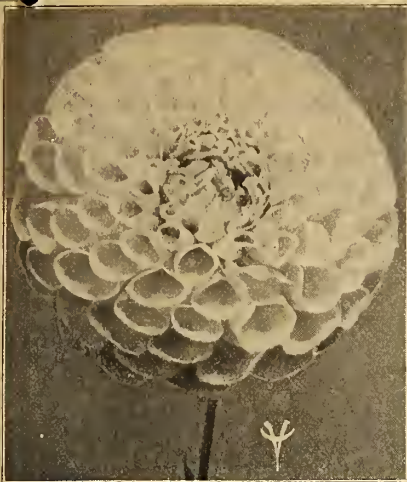
GOLD STANDARD. Pure yellow flowers borne on long, graceful stems of finest form and texture; of large size.	.10	.85	6.00
MERRY WIDOW. (Lustige Wittwe). Deep scarlet flowers of gigantic size on stems 15 in. long and measuring 4 to 5 in. The color is so exceedingly bright that a single plant makes an effective showing.	.10	.85	6.00
PRAXITELLES. Velvety purple, tipped white. An early and extremely profuse bloomer, distinct and unique.	.15	1.25	8.00
PRES. VIGER. Rich claret, shaded lighter at the edges with pure white collar, occasionally rose tinted. Striking and distinct.	.10	.85	6.00

I regard Gladiolus Mrs. Francis King as the best florist variety of its color. Its wonderful profusion of bloom and firmness of petals makes it a great favorite all along the New Jersey coast with the cottage people as a cut flower.

EDMUND G. COMEX, dealer in cut-flowers, Long Branch.



COUNTESS OF LONSDALE



POMPON DAHLIA



DECORATIVE DAHLIA



SINGLE DAHLIA

SHOW AND FANCY DAHLIAS

A. D. LIVONI. A beautiful soft pink flower with quilled petals, full to the center. An early and profuse bloomer.	Each	Doz.	100
BLACK DIAMOND. A rich velvety maroon shaded jet black	.....	.15	1.25 8.00
GRAND DUKE ALEXIS. Pure white, shading to a most delicate and charming shell pink	.....	.15	1.25 8.00
JOHN WALKER. Pure white. Flowers full and beautiful	.....	.10	.85 6.00
MRS. DEXTER. Reddish apricot, large and full flowers	.....	.10	.85 6.00
QUEEN OF YELLOWS. A beautiful clear yellow	.....	.10	.85 6.00
REDHEAD. Deep red with large flowers; dwarf and free.	.....	.10	.85 6.00
STORM KING. The finest of all white Show Dahlias. An extremely early, profuse and constant bloomer, producing large perfect shaped flowers on long stiff stems.	.....	.15	1.25 8.00
YELLOW DUKE. Pure canary yellow, large size flowers	.....	.10	.85 6.00

NEW CENTURY SINGLE DAHLIAS

MAROON CENTURY. A beautiful bright maroon	.....	.15	1.25 8.00
PINK CENTURY. Delicate soft pink. The largest and finest of the set. Fern-like foliage	.....	.10	.85 6.00
SCARLET CENTURY. Brilliant scarlet, golden disc. Immense flowers	.....	.15	1.25 8.00
TWENTIETH CENTURY. Intense rosy crimson, with white tips and white disc around the yellow center. Flowers very large, 5 to 6 in. in diameter	.....	.15	1.25 8.00

POMPON DAHLIAS

Under this head come those small Bouquet Dahlias that are so popular for cut flowers. Their small size makes them invaluable for bouquets and their color is as great as any of the preceding classes.

ANNA LONDORF. Yellow, streaked carmine	.....	\$0.10	\$0.85 \$6.00
ELEGANTE. Bright pink flowers of perfect form with beautiful quilled petals	.....	.10	.85 6.00
LITTLE HERMAN. Deep red, tipped white	.....	.10	.85 6.00

UNNAMED DAHLIAS

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white or yellow; undivided field clumps	.....	.15	1.50 10.00
MIXED, ALL VARIETIES. Excellent value. Field clumps	.....	.10	.85 6.00

GERANIUMS—Best Standard Varieties

ALPHONSE RICCARD. Red vermillion, double.	
BEAUTE POITEVINE. Semi-double; light salmon pink. One of the best bedders.	
JEAN VIAUD. Light, double pink.	
JOHN DOYLE. Rich scarlet; large-sized trusses; robust grower.	
LUCIFER. Bright scarlet.	
LA FAVORITE. Grand double white; very free.	
MME. BARNEY. Deep pure pink, double.	
S. A. NUTT. (Double.) Dark crimson. The old favorite.	
Prices of above eight sorts:	
2 1/4 in.	Doz. 100 \$0.60 \$4.00
Strong, 3 in. pots	.85 6.00
Strong, 4 in. pots	1.50 10.00

IVY-LEAVED

SOUVENIR DE CHAS. TURNER. Color, bright scarlet.	
BEAUTY OF JERSEY. Very double. Bright rosy pink.	
JOAN OF ARC. Only double white Ivy Geranium.	
VICTOR VON SHIRLEY. Color, brilliant scarlet, semi-double. Strong, robust growth and very free flowering. 2 1/4 inch, 10c	.85 6.00
Price of Ivy-Leaved, except where noted:	
2 1/4 in. pots	.60 4.00
3 in. pots	.85 6.00

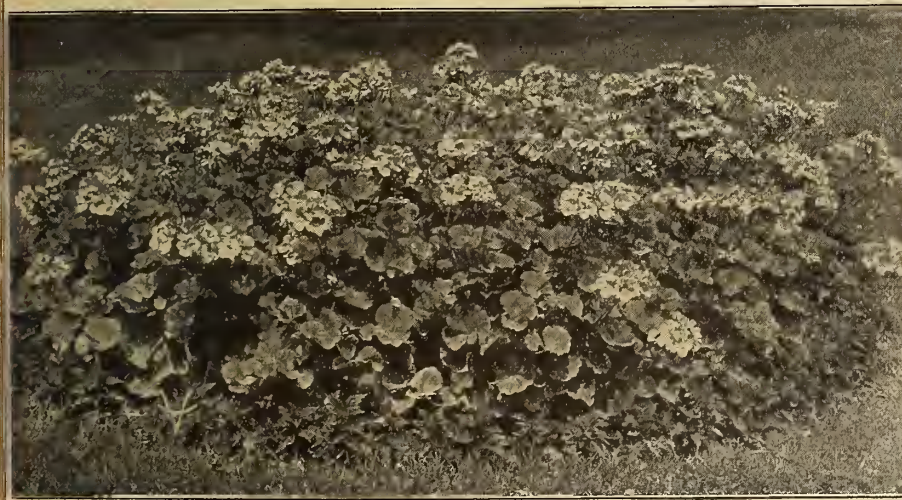
VARIEGATED-LEAVED

MME. SALLEROI. Dwarf; bright green leaves edged with white. 2 1/2 in. pots	.60 3.50
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PELARGONIUM—Pansy Geranium

EASTER GREETING. Bright amaranth red, large flowers, dwarf and compact grower, splendid bedder	Each 15c	1.50 10.00
MRS. LAYAL. This pelargonium is of easiest growth, dwarf in habit, and literally covered with flowers all the time. In color the flowers on the same plant are light pink, white, dark purple, black, etc.	.....	Each Doz.	100 100
2 1/4 in. pots	\$0.10	\$0.85	\$ 6.00
3 in. pots	.15	1.50	10.00

Ask for special prices on 250, 500 and 1000 lots.



GERANIUM—Beaute Poitevine



GERANIUM—Lucifer

ROSES FOR

The Up-to-date varieties for Florists' use

Present Day Leaders HYBRID TEAS

Our prices on Own Root and Grafted Stock are for plants from 2 in. and 2½ in. pots, except where larger sizes are offered.

Hoosier Beauty. A deep velvety red; firm bud and flower. Fragrant. Very vigorous; better stems than any other red rose. **Grafted**, per 100, \$14.00; 1,000, \$120.00. **Own Root**, 2½ in. doz., \$1.25; 100, \$8.00; 4 in., doz., \$2.50; 100, \$18.00.

Mrs. Chas. Russell. Fine full flower and bud; dark rose pink, deepening toward the center. A rose that has replaced many old timers in the benches of progressive florists the past two years. **Grafted**, per doz., \$2.25; 100, \$16.00; 1,000, \$150.00. **Own Root**, per doz., \$1.50; 100, \$10.00; 4 in., doz., \$2.50; 100, \$18.00.

Hadley. Deep velvety crimson, strong and easy grower with long stiff stems. **Own Root**, per doz., \$1.25; 100, \$8.00; 4 in., doz., \$2.50; 100, \$18.00.

Ophelia. The finest and richest salmon pink rose yet introduced, deepening in the center to a golden carmine; lighter on the tips. Pointed, fragrant buds on stiff stems. **Grafted**, per doz., \$2.00; 100, \$12.50; 1000, \$120.00. **Own Root**, doz., \$1.25; 100, \$8.00; 4 in., doz., \$2.00; 100, \$15.00.

Killarney Brilliant. A bright rose pink sport from the 'Regular' Killarney; fuller in the bud, richer in tone, more lasting. **Grafted**, per doz., \$2.00; 100, \$12.50; 1000, \$120.00. **Own Root**, doz., \$1.25; 100, \$8.00; 4 in., doz., \$2.50; 100, \$18.00.

Killarney (Pink). The standard pink rose well known to all florists. **Grafted**, per doz., \$2.00; 100, \$12.50; 1000, \$120.00. **Own Root**, doz., \$1.25; 100, \$7.50; 4 in., doz., \$2.00; 100, \$15.00.

Killarney (White). The standard all-the-year-round white forcing rose. **Grafted**, per doz., \$2.00; 100, \$12.50; 1000, \$120.00. **Own Root**, doz., \$1.25; 100, \$7.50; 4 in., doz., \$2.00; 100, \$15.00.

Richmond. Bright crimson scarlet, long stems; grand buds produced in great abundance. **Grafted**, per doz., \$2.00; 100, \$12.50; 1000, \$120.00. **Own Root**, doz., \$1.25; 100, \$7.50; 4 in., doz., \$2.00; 100, \$15.00.

Note—All grafted stock of the above are worked on the best Manetti.

Deliveries on 2½ in., grafted stock will begin March 15, 1917.

Orders placed with us in January and February will be dated for March to May shipment as you may need, and set aside for such shipping date as you give.

Larger plants for May and June—Ask for prices of 3½ in., both own root and grafted.

General List of Roses OWN ROOT FROM POTS

	2½ in. Pots		4 in. Pots	
	Doz.	100	Doz.	100
4 inch pot plants ready April 15th.				
*American Beauty, Deep rose	\$1.25	\$8.00	\$2.50	\$18.00
*Cynthia Forde, Rose pink	1.25	8.00	2.50	18.00
*Gruss an Teplitz, Scarlet	.75	5.00	1.75	12.00
*Jonkheer Mock, Silvery pink	1.25	7.50	2.00	15.00
*Kais. A. Victoria, White	1.25	7.50	2.00	15.00
*Killarney, Pink	1.25	7.50	2.00	15.00
*Mrs. Aaron Ward, Orange yellow	1.25	7.50	2.00	15.00
*Pink Cochet	.75	5.00	1.75	12.00
*Pollaertrose, "La France" pink	1.25	7.50	2.00	15.00
*Rhea Reid, Scarlet	1.25	7.50	2.00	15.00
*Richmond, Scarlet	1.25	7.50	2.00	15.00
*Sunburst, Glowing orange	1.25	8.00	2.00	15.00
*White Cochet	.75	5.00	1.75	12.00
*White Killarney	1.25	7.50	2.00	15.00
*Wm. R. Smith, Shell Pink	1.25	7.50	2.00	15.00

TWO YEAR—DORMANT STOCK

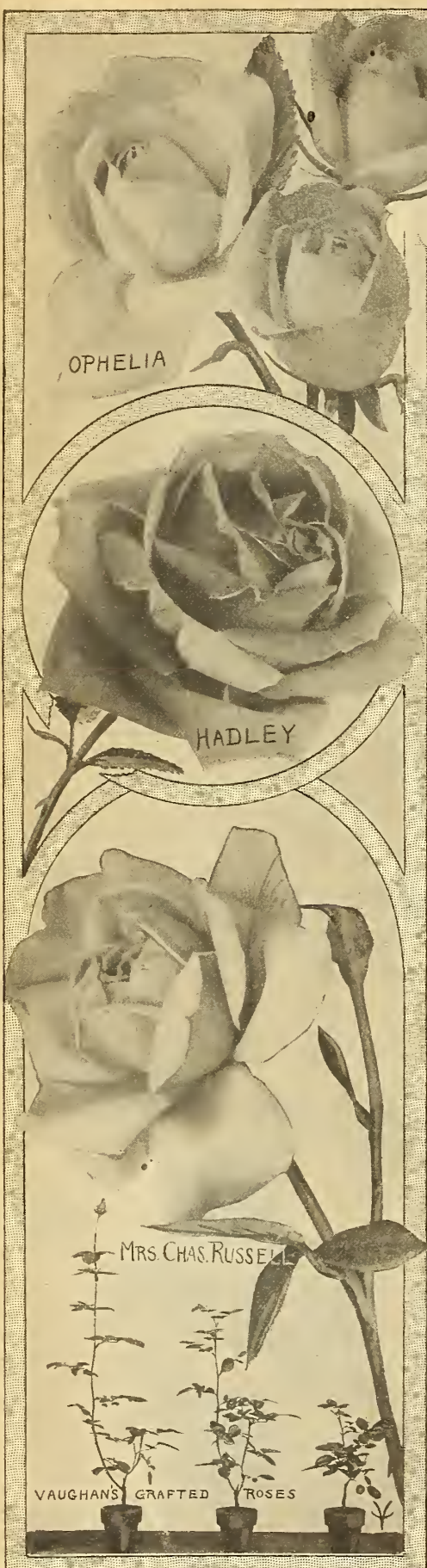
The following roses, except those noted, are offered as 2 yr. dormant roots, and comprise the best Hybrid Tea (H. T.) and Hybrid Perpetual (H.P.) varieties, in colors now most in demand, and suitable either for bedding, or for use as cut flowers.

	Each	Doz.	100
American Beauty, H. P. Deep pink (Bench grown, ready April 1st)	\$0.15	\$1.50	\$10.00
Anna de Diesbach, H. P. Beautiful carmine	.20	2.00	15.00
Baroness Rothschild, H. P. Bright satiny pink	.20	2.25	16.00
Betty, H. T. Yellow edged coppery red and rose	.25	2.50	18.00
Captain Christy, H. T. Flesh white	.25	2.50	18.00
Caroline Testout, H. T. Satin rose, extra choice	.25	2.50	18.00
Frau Karl Druschki, H. P. The best white	.25	2.50	18.00
Gen. Jacqueminot, H. P. Bright shining crimson	.20	2.00	15.00
Gen. McArthur, H. P. Rich crimson scarlet	.25	2.50	18.00
General Superior Arnold Janssen, H. T. Deep glowing carmine	.30	3.00	20.00
Geo. Dickson, H. T. Velvety crimson black	.25	2.50	18.00
Geo. Arends, H. T. Light pink	.25	2.50	18.00
Gloire Lyonnaise, H. T. Pale lemon yellow	.20	2.25	16.00
Gruss an Teplitz, H. T. Scarlet crimson	.20	2.25	16.00
J. B. Clark, H. T. Intense scarlet	.20	2.25	16.00
Jonkheer Mock, H. T. Carmine pink	.25	2.50	18.00
Lady Hillingdon, T. Pure pale yellow, shading deeper at base	.30	3.00	20.00
La France, H. T. Bright satin pink	.20	2.25	16.00
Mabel Morrison, H. P. Pure White	.20	2.00	15.00
Mad. Abel Chatenay, H. T. Bright rose, shaded with salmon	.25	2.50	18.00
Mad. Edouard Herriott. (Daily Mail Rose) Terra-cotta, and flame	.35	3.50	25.00
Magna Charta, H. P. Deep pink	.20	2.00	15.00
Mrs. Aaron Ward, H. T. Extra fine orange (Bench stock, ready Apr. 1st)	.20	1.75	12.00
Mrs. John Laing, H. P. Bright shining pink	.20	2.00	15.00
My Maryland, H. T. Bright salmon pink; very fragrant	.30	3.00	20.00
Paul Neyron, H. P. Deep rose	.20	2.00	15.00
Prince de Bulgarie, H. P. Silvery flesh	.25	2.50	18.00
Prince Camille de Rohan, H. P. Deep crimson	.20	2.00	15.00
Ulrich Brunner, H. P. Cherry crimson	.20	2.00	15.00

TREE OR STANDARD ROSES

Hybrid Perpetuals. Our selection of the best varieties. Fine bushy heads, on straight 3 ft. stems, double budded. **Pink, Red and White.** Each, 75c; doz., \$8.00; 100, \$65.00.

Climbers. Dorothy Perkins, Flower of Fairfield, Tausendschon. Each 75c; doz., \$8.00; 10, \$65.00.



FLORISTS

such as are being planted by successful growers

Climbing Roses

The following Roses are the best adapted for general planting and we particularly recommend for Easter forcing such varieties, as—**Dorothy Perkins, Excelsa, Flower of Fairfield, Hiawatha and Lady Gay.** The stock we are offering in these varieties is well ripened and best adapted for this purpose.

	2-YEAR		
	Each	Doz.	100
BALTIMORE BELLE. Large double flowers; pale blush.	\$0.20	\$2.25	\$16.00
CLIMBING AMERICAN BEAUTY. Large double rosy crimson flowers freely produced in June and occasionally throughout the season.	.25	2.50	18.00
CLIMBING CLOTHILDE SOUPERT. The facsimile of Clothilde Soupert, but a vigorous climber; 2½ in. Ea., 10c; doz., 75c; 100, \$5.00			
4 inch. Each, 20c; doz., \$2.00			
CRIMSON RAMBLER. Well known; vigorous stock	.20	2.25	16.00
DESIRE BERGERA. Light pink and white	.20	2.00	15.00
DELIGHT. Carmine and white	.20	2.00	15.00
DOROTHY PERKINS. The best of the Pink Ramblers	.20	2.25	16.00
EXCELSA. Deep crimson and scarlet, large full trusses	.20	2.25	16.00
FLOWER OF FAIRFIELD. Crimson flowers, produced in great profusion, growth vigorous, blooms freely.	.25	2.50	18.00
HIAWATHA. Single flowers, bright crimson with distinct whitish center	.25	2.50	18.00
LADY GAY. Delicate cherry pink fading to soft pink	.20	2.25	16.00
MARECHAL NIEL. A bright yellow Tea Rose. Hardy only in Southern states; 2½ inch			
4 inch. Each, 15c; doz., \$1.25; 100, \$8.00			
Each, 20c; doz., \$2.00; 100, \$15.00			
PRAIRIE QUEEN. Bright red, changing to deep pink	.20	2.25	16.00
SOUTH ORANGE PERFECTION. (Wichuriana). Flowers bluish pink, fully double, profus. bloomer	.20	2.00	15.00
TAUENDSCHON. Rosy carmine changing to pink, the various shades on the one plant make a grand effect.	.25	2.50	18.00
UNIVERSAL FAVORITE. (Wichuriana). Blush white, double, with beautiful glossy green foliage.	.20	2.00	15.00
WHITE DOROTHY. The counterpart of the pink Dorothy Perkins, except color, being pure white	.25	2.50	18.00
WICHURIANA. Pure white flowers and glossy foliage	.20	2.00	15.00

For Standard or Tree-shaped Climbers, see previous page.

Baby Ramblers and Polyanthas

We are leading growers of these classes. Baby Rambler was sent out by us very early. The Polyantha Soupert was our introduction. The Ramblers have been money makers for the Florists of America. Our desirable recent novelties, worthy of your spring orders are **Baby Doll, Geo. Elger, Bordure and Ellen Poulsen.**

	Each	Doz.	100
BABY DOLL. Is offered as a rival to Cecile Brunner for corsages and dainty floral work. New color, being golden yellow with petals tipped bright cerise. The buds and blooms are perfect in form and borne erect. Foliage glossy green. It is more productive than Cecile Brunner, a good keeper. Should prove an addition to the corsage class in its unique color. Own Root, 2½ in.	\$0.10	\$0.85	\$ 6.00
4 in.	.20	2.00	15.00
BORDURE. Pure carmine, buds bright carmine. Very dwarf grower attaining a height of 12 inches with thick set growth covered all season with a multitude of flowers. 2½ inch	.15	1.50	10.00
CECILE BRUNNER (Dwarf Polyanthus). There is no doubt about the present popularity of this grand rose. The buds at first appear rose pink, shading to salmon and orange in the center, toning to pale flesh. Bench stock, ready April 1st.	.20	2.00	15.00
2½ inch	.10	.85	6.00
4 inch	.20	2.00	15.00
CLOTHILDE SOUPERT. Pearly white, changing to rose-pink. 2½ inch	.10	.75	5.00
4 inch	.20	1.75	12.00
CRIMSON BABY RAMBLER. Bright crimson clusters. 2 year	.20	2.25	16.00
ELLEN POULSEN. A large full brilliant deep pink, retaining its brilliancy until about to fall. 2 year dormant.	.25	2.50	18.00
GEO. ELGER. The Yellow Polyantha. A purely golden yellow after the type of Cecile Brunner. 2½ inch	.10	.85	6.00
4 inch	.20	2.00	15.00
JESSIE. Bright cherry crimson flowers in large clusters. 2 year	.20	2.25	16.00
MADAME JULES GOUCHAULT (Dwarf Polyanthus). A superb variety with wood and foliage clear green. Blooms in large erect panicles of from 25 to 30 flowers, keeping very long. Buds bright vermilion red, tinted orange, turning to bright pink at full bloom. 2-year	.30	3.00	20.00
ORLEANS. Bright red, tinted pink, center white. 2 year	.25	2.50	18.00
PHYLLIS. Large clusters of slightly frilled Lawson-pink. 2 year	.20	2.25	16.00
TRIOMPHE ORLEANAISE. Flowers large in erect panicles of a splendid bright deep cherry red, color keeping constantly without turning violet when old. 2 year dormant.	.25	2.50	18.00
VAUGHAN'S WHITE BABY. A true white "Baby", never out of bloom. Very dwarf and bushy. Flowers borne in large clusters of 50 to 75.	.10	.85	6.00
2½-in.	.20	1.75	12.00
3½-in.			

VARIOUS ROSES—All 2-year Dormant

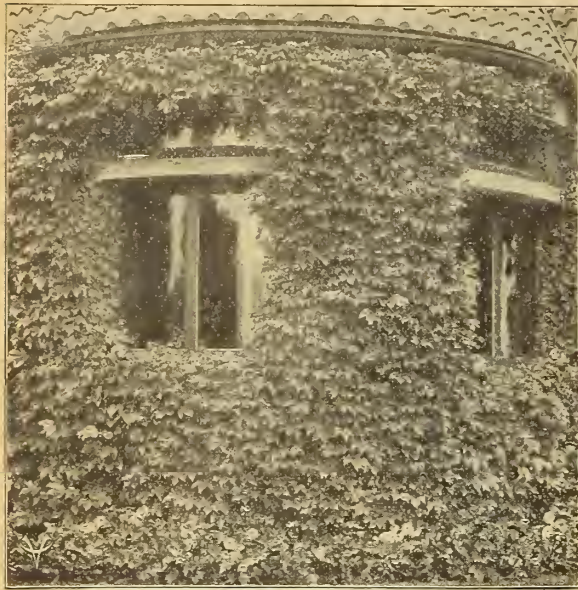
	Each	Doz.	100
HERMOSA. Large bright pink flowers.	\$0.25	\$2.50	\$18.00
MOSS ROSES. Double pink, red and white	.20	2.25	16.00
PERSIAN YELLOW. (Austrian Briar.) Golden yellow.	.20	2.25	16.00
RUGOSAS. Alba and Rubra. Single	.20	2.00	15.00
Blanche de Coubert. Double white	.25	2.50	18.00
Conrad F. Meyer. Double silvery rose	.20	2.25	16.00
Mme. G. Bruant. Semi-double white	.25	2.50	18.00

ROSES IN BLOOM FOR EASTER

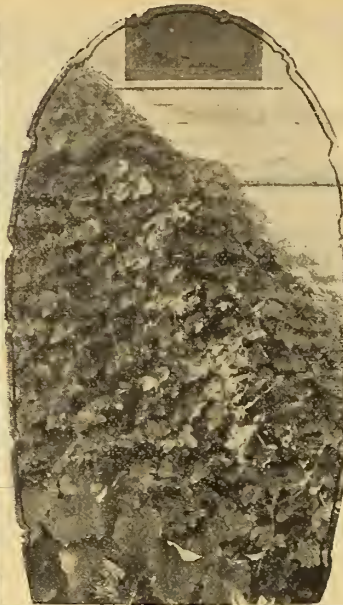
We will have in full bloom for Easter, Baby Ramblers, Crimson Ramblers, Lady Gay, Tausendschon, Dorothy Perkins, Flower of Fairfield, Excelsa, Hiawatha and others. In sizes from 5 inch pots up to 8 inch, ranging in price from 50c each to \$8.00 each. Write us for list about February.

MANETTI STOCK FOR GRAFTING

For delivery January, also December next. Write for prices.



JAPAN OR BOSTON IVY (*Ampelopsis Veitchii*)



KUDZU VINE



CLEMATIS JACKMANII

HARDY CLIMBERS

AMPELOPSIS

	Each	Doz.	100
VEITCHII. (Japan or Boston Ivy.)			
2-year-old plants.....	\$0.20	\$2.00	\$12.00
3-year-old plants.....	.50	2.50	15.00
Dumetorum Laciniata. 2-year-old.....	.25	2.50	
3-year.....	.35	3.60	
Englemanni. Similar to Virginia Creeper. 2-year-old plants.....	.20	1.75	12.00
3-year-old plants.....	.25	2.50	15.00
Lowii. New.....	.35	3.00	
Quinquefolia. (Virginia Creeper or Woodbine)			
2-year-old plants.....	.15	1.25	8.00
3-year-old plants.....	.25	2.50	15.00
4-year-old plants.....	.30	3.00	20.00

CLEMATIS—Large Flowering

We have for this season a large stock of these popular climbers and can take care of all orders.

BEAUTY OF WORCESTER. Clear sky blue.....	2-year-old		
HENRYII. Finest large single white.....		\$0.30	\$3.00
JACKMANII. The popular dark, rich, royal purple..	3-year-old		\$20.00
MAD. BARON VEILLARD. Light rose, shaded lilac.		.40	4.20
SIEBOLDI. Large lavender flowers.....			30.00
VILLE DE LYON. Large crimson flowers.....			

CLEMATIS—Small Flowering

PANICULATA. (Japanese Virgin's Bower). The best of all small flowering varieties. Flowers are pure white, borne in immense sheets and very fragrant. We have an extra large and fine stock.

	Each	Doz.	100
2-year-old clumps.....	\$0.20	\$2.00	\$15.00
3-year-old clumps.....	.25	2.40	18.00

CLEMATIS—Coccinea and Hybrids

COCCINEA. Bright coral red, 2-year-old.....	\$0.15	\$1.50	
COUNTRESS OF ONSLOW. Bright violet-purple, with a broad band of scarlet through the center of each petal			
DUCHESS OF ALBANY. A beautiful bright pink; deeper in the center.	Strong, 2 year		
DUCHESS OF YORK. A delicate and pleasing shade of pale pink.....		\$0.50	\$4.50
GRACE DARLING. A very pretty, bright, rosy carmine.....			

CLEMATIS—Various

	Each	Doz.	100
CRISPA. Deep blue with white border, 2-year.....	\$0.15	\$1.50	
INTEGRIFOLIA DURANDI. Of semi-climbing habit, large steel-blue flowers.....	.35	3.75	

MISCELLANEOUS CLIMBERS

	Each	Doz.	100
ACTINIDIA POLYGAMA. (Silver Vine.) Rapid and vigorous, 3-year-old.....	\$0.50	\$5.00	
AKEBIA QUINATA. Free climber, 2-year-old.....	.25	2.50	
APIOS Tuberosa.....		.35	\$2.00
ARISTOLOCHIA SIPHO. (Dutchman's Pipe.)			
3-year-old, 4 to 6 feet.....	.40	4.00	30.00
BIGNONIA RADICANS. (Trumpet Creeper.)			
2-year-old plants.....	.15	1.50	10.00
3-year-old plants.....	.25	2.50	15.00
CELASTRUS ARTICULATUS. (Japan Bitter Sweet.)			
2-years.....	.15	1.25	
3-years.....	.20	2.00	15.00
CELASTRUS SCANDENS. (Climbing Bitter Sweet or Wax-work), 2-year.....	.15	1.25	8.00
3-years.....	.20	2.00	15.00
4-years.....	.30	3.00	22.00
CINNAMON VINE. Mailing size.....		.35	2.00
Extra strong.....		.50	3.00
EUONYMUS RADICANS. (Evergreen, Trailing Euonymus). 2-years.....	.20	2.00	
3-years.....	.30	3.00	

HONEYSUCKLES (*Lonicera*)

AUREA RETICULATA. (Japan Gold Leaved) Variegated foliage.....			
BELGICA. Showy, yellow flowers.....	Strong 2-year	\$0.25	\$2.50
CHINESE TWINING. Very free.....	Heavy 3-year		\$18.00
HALLEANA. (Hall's Japan).....		.35	3.50
HECKROTTI. (New Sweet Scented).....			25.00
SEMPERVIRENS. (Scarlet Trumpet or Coral).....			

	Each	Doz.	100
IPOMOEA PANICULATA (Mexican Morning Glory)...	\$3.50	\$25.00	
IPOMOEA Pandurata. (Tuhers See page 24).....	\$0.20	2.00	15.00
IVY, English. (See page 10.)			
KUDZU VINE. (Jack and the Bean Stalk).....	.15	1.65	12.00
MATRIMONY VINE. <i>Lycium Barbarum.</i>			
Strong 2-year-old vines.....	.15	1.50	10.00
Strong 3-year-old vines.....	.20	2.00	15.00
Strong 4-year-old vines.....	.25	2.50	
PERIPLOCA GRAECA (Silk Vine), 2 year.....	.30	3.00	
WILD GRAPE VINE. 2-year-old.....	.15	1.50	

WISTARIA

SINENSIS. Purple. 2-year-old vines.....	.25	2.50	
Alba. White Flower, 4 to 5 ft.....	.40	4.00	
MAGNIFICA. Blue Flower.			
2-year-old plants.....	.20	2.00	12.00
3-year-old plants.....	.25	2.40	18.00
4-year-old plants.....	.30	3.00	20.00

"I wish to congratulate you on the class of goods you handle; both seeds and plants have proved most satisfactory. Will write you later regarding greenhouse plants as soon as houses are completed."

CHAS. G. SMITH, Tuckahoe, N. Y.



AQUILEGIA—Long Spurred

CAMPANULA (Canterbury Bell)

DELPHINIUM—Gold Medal Hybrids

HARDY PERENNIAL PLANTS

All Perennials are furnished in strong pot plants or divided field clumps.
Not less than 6 sold at the dozen rates, or 25 at the hundred rates.

if wanted by PARCEL POST, 3 plants weigh about 2 lbs.; 6 plants, 3 to 4 lbs.; Dozen, 6 to 7 lbs.

	Each	Per Doz.	Per 100
ACHILLEA			
Eupatorium, Parker's Variety.....	\$0 10	\$1 00	\$7 00
Pearl, white.....	10	85	6 00
ACONITUM			
Bicolor, blue and white, 2½ ft.....	15	1 25	8 00
Spark's Variety, dark blue, 5 ft.....	15	1 50	10 00
AJUGA Reptans Atropurpurea, blue, 1 ft.....	10	1 00	7 00
ANCHUSA Italica, Dropmore Variety, blue, 5 to 6 ft.	15	1 50	10 00
Myosotidiflora, large Forget-me-not flowers all summer.....	25	2 50	15 00
ANEMONE Canadensis, white, 1 ft.	10	85	6 00
Japonica—Honorable Jobert, snow white, 2 to 3 ft.....	10	1 00	7 00
Prince Henry, dark red, 2 to 3 ft.....	10	1 00	8 00
Whirlwind, semi-double white, 2 to 3 ft.....	10	1 00	8 00
ANTHEMIS Kelwayi, golden yellow	10	85	6 00
Tinctoria, yellow.....	10	75	5 00
AQUILEGIA Canadensis, red and yellow	10	75	5 00
Chrysantha, golden yellow, 3 ft.....	10	75	5 00
Chrysantha, Fl. Pl., double.....	10	85	6 00
Alba, pure white, 2 ft.....	10	85	6 00
Coerulea Hybrida, mixed 1 ft.....	10	85	6 00
Rose Queen, beautiful shades of rose.....	10	85	6 00
Long Spurred Varieties, mixed, 2 to 3 ft.....	10	85	6 00
ARTEMISIA Lactiflora, new, creamy white, 4 ft.	15	1 25	8 00
ASTER (Michaelmas Daisy)			
Novae Belgiae "Climax." A new distinct large flowered lavender blue. Sept.-Oct.....	35	3 50	20 00
Wells' White. (New). Large white flowers in branching heads.....	35	3 50	20 00
BAPTISIA Australis, dark blue, 2½ ft.	10	85	6 00
BELLIS Perennis (Daisy) mammoth pink or white	10	60	4 00
BLEEDING HEART (Dielytra Spectabilis), 2 ft.	10	1 00	8 00
BOLTONIA Asteroides, white, 4 ft.	10	75	5 00
BUDDLEYA Variabilis Veitchiana. 3 feet. A shrubby plant bearing large drooping spikes of lavender blue flowers during September and October	10	1 00	8 00
CAMPANULA Medium (Canterbury Bell).			
Blue.....	10	1 00	7 00
Pink.....	10	1 00	7 00
White.....	10	1 00	7 00
Mixed.....	10	1 00	7 00
Pyramidalis (Chimney Bell Flower) blue, 4 ft.....	15	1 25	8 00
Alba, white, 4 ft.....	15	1 25	8 00
CARNATION, Grenadin. 18 in. Bright scarlet, very durable, blooms throughout the year. A good cut flower for florists.....	15	1 50	10 00
CENTAUREA Montana. Blue thistle-like flowers 2 ft.	10	85	6 00

	Each	Per Doz.	Per 100
CHELONE—See Pentstemon.			
CHIVES.....	10	75	5 00
CHRYSANTHEMUM Maximum, white	10	85	6 00
Maximum, Mrs. Lothian Bell. White, the largest of all.....	10	85	6 00
King Edward VII. Large white flowers, good for cutting.....	10	85	6 00
COREOPSIS Lanceolata, deep yellow, 2 ft.	10	85	6 00
Grandiflora, large yellow.....	10	85	6 00
DAISY Shasta, pure white, 12 to 18 in.....	10	85	6 00
DELPHINIUM Belladonna, sky blue.	20	1 80	12 00
Chinese, white, 3 ft.....	10	1 00	8 00
Formosum, deep blue, 3 ft.....	10	1 00	8 00
Coelestinum, pale sky blue, 3 ft.....	10	1 00	8 00
Lamartine, dark blue, white center, 4 ft.....	35	3 50	20 00
Moerheimi, the one and only white.....	35	3 50	20 00
Mrs. Thompson, dark blue.....	25	2 50	15 00
Gold Medal Hybrids, mixed, 5 ft.....	15	1 25	8 00
DIANTHUS Plumarius Cyclops, mixed, 15 ft.	10	85	6 00
DIANTHUS Deltoides, scarlet, small flowered.....	10	1 00	7 00
Diadematus, assorted colors.....	10	1 00	7 00
Mixed.....	10	85	6 00
Diamond, Dbl., white, very early.....	10	1 00	7 00
Latifolius Atro-coccineus Pl., fiery crimson, 15 in.	10	1 00	7 00
Lilac Queen, Fine mauve.....	15	1 25	8 00
New Pink, Dbl.....	10	1 00	7 00
Semperflorens, mixed.....	10	85	6 00
DIANTHUS Barbatus. See Sweet William.			
DIELYTRA Spectabilis, pink 2 ft.....	10	1 00	8 00
DIGITALIS Grandiflora, pale yellow veined brown	10	85	6 00
Gloxiniaeflora, white, pink and purple.....	10	85	6 00
Lanata, creamy white.....	10	85	6 00
EUPATORIUM Ageratoides, white, 3 ft.	10	85	6 00

HARDY FERNS

ADIANTUM Pedatum (Hardy Maiden Hair)	.10	1.00	7.00
ASPIDIUM Acrostichoides (Wood Fern)	.10	.85	6.00
Cristatum.....	.10	.85	6.00
Goldianum (Shield Fern).....	.15	1.25	8.00
Marginale.....	.10	1.00	7.00
Spinulosum.....	.10	1.00	7.00
Thelypteris.....	.10	1.00	7.00
ASPLENIUM Angustifolium	.15	1.25	8.00
Felix-foemina (Lady Fern).....	.10	1.00	7.00
ONOCLEA Sensibilis (Sensitive Fern)	.10	.85	6.00
Struthiopteris (Ostrich Fern).....	.15	1.25	8.00
OSMUNDA Claytoniana (Flowering Fern)	.15	1.25	8.00



HIBISCUS (Mallow Marvel)



FUNKIA (Day Lily)



GAILLARDIA Grandiflora

	Each	Per Doz.	Per 100
FORGET-ME-NOT. See Myosotis.			
FOXGLOVE—See Digitalis.			
FUNKIA Lanceolata, dark blue, 1 ft.	\$0 10	\$0 75	\$5 00
Subcordata Grandiflora Alba, pure white.....	15	1 25	8 00
Undulata Medio Variegata, purple flower, variegated foliage, 1 ft.	15	1 25	8 00
GAILLARDIA Grandiflora, light yellow, red center	10	85	6 00
GALEGA Hartlandi, lavender blue, 3 ft.	15	1 25	8 00
GRASSES—			
PHALARIS Arundinacea Variegata, 18 in.	10	60	4 00
GYP SOPHILA Paniculata, white, 1½ ft.	10	85	6 00
Paniculata Fl. Pl., double white, 3 ft.	20	2 00	15 00
HELENIUM Autumnale Superbum Rubrum, red, 6 ft.	15	1 25	8 00
Hoopesi, clear yellow	10	85	6 00
Riverton Gem, old gold and terra cotta, 3 ft.	15	1 25	8 00
HELIANTHUS. Miss Mellish, yellow, 5 ft.	10	1 25	8 00
Multiflorus Fl. Pl.	10	1 25	8 00
HELIOPSIS Zinniaeflora, orange yellow	15	1 25	8 00
HEMEROCALLIS—			
Amortieri, yellow, 2 ft.	10	75	5 00
Flava, pale yellow, 2½ ft.	10	75	5 00
Fulva, deep orange color, 3½ ft.	10	75	5 00
Kwanso Fl. Pl., double orange, 2½ ft.	10	75	5 00
HEUCHERA—			
Sanguinea, scarlet	15	1 25	8 00
HIBISCUS, Crimson Eye	15	1 25	8 00
Mixed Mallow Marvels	15	1 50	10 00
Mixed	15	1 25	8 00
HOLLYHOCK, Double White, Pink, Rose, Yellow, Maroon	10	1 25	8 00
Double mixed.	10	1 00	7 00
Single mixed.	10	85	6 00
Allegheny mixed.	10	85	6 00
LIATRIS, PYCNOSTACHYA, rosy purple.....	10	85	6 00
LILY OF THE VALLEY (Clumps)	25	2 50	18 00
LINUM Perenne, sky blue.....	10	85	6 00
LYCHNIS Chalcedonica, scarlet.....	10	85	6 00
Haageana, orange scarlet.....	10	85	6 00
LYSIMACHIA Numullaria, yellow	10	85	6 00
LYTHRUM, Perry's Variety.....	15	1 50	10 00
MINT (Spear), 4-inch pots	10	85	6 00
Clumps.....	10	75	5 00
MONARDA Didyma, scarlet, 2 to 3 ft.	10	85	6 00
Hybrida, mixed, 2 to 3 ft.	10	75	5 00
MYOSOTIS Palustris Semperflorens	10	75	5 00
NEPETA Mussini, Dwarf pale blue.....	10	85	6 00
OENOTHERA Youngi, golden yellow	10	1 00	7 00
PACHYSANDRA Terminalis, Evergreen Carpet Plant	10	85	5 00

HARDY PHLOX

	1—Early (D) Dwarf grower	2—Mid-season (M) Medium grower	3—Late (T) Tall grower	Each	Per Doz.	Per 100
Antonin Mercie (M 2). Beautiful lilac, white center.....				\$0 10	\$1 00	\$7 00
Baron Von Dedem (T 2). New. Blood-red scarlet with immense trusses and large individual flowers..				15	1 25	8 00
Bridesmaid (D 2). White, large crimson-carmine eye.				10	85	6 00
Crespuscule (M 2). Large cherry-red center, edged pale violet pink				10	1 25	8 00
Elizabeth Campbell (M 2). Bright salmon pink with lighter shadings and dark crimson eye				15	1 50	10 00
Europa (T 2). Large white flower, carmine eye				15	1 50	10 00
Flora Hornung (D 2). Large milk white with carmine eye.....				15	1 25	8 00
Fraulein Von Lassburg (T 2). An extra fine pure white. Individual flowers of largest size				15	1 25	8 00
General Von Heutz (M 2). Brilliant salmon-red with white center. Very large heads; free bloomer				15	1 25	8 00
G. A. Strohleim (M 2). Glowing orange scarlet with blood-red eye. Immense heads				15	1 25	8 00
Jeanne d'Arc (T 3). Pure white, large flowering variety.....				10	85	6 00
Le Mahdi (M 2). Dark purple violet.....				15	1 25	8 00
Maculata 'Alpha'. Early and lasting, pale rosy lavender				10	85	6 00
Miss Lingard (T 1). (Suffruticosa). Pure white; the earliest of all. Blooms all summer; good for cut flowers.....				15	1 25	8 00
Mrs. Jenkins (M 1). A very good white				15	1 00	7 00
R. P. Struthers (T 2). Rosy carmine with claret eye.				10	1 00	7 00
Rhynstrom. An improved Pantheon				15	1 25	8 00
Selma (T 2). Large trusses of large pink flowers with cherry-red eye; extra fine.....				15	1 25	8 00
Unnamed Varieties. Mixed colors					60	4 00

PHLOX Subulata

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for the fronts of borders and over graves.

	Each	Per Doz.	Per 100
Pilosa Splendens, brilliant rose carmine.....	\$0 10	\$1 00	\$7 00
Amoena Rosea, pink	10	85	6 00
Subulata Alba, white, 4 inches long	10	75	5 00
Subulata Rosea, rose pink.....	10	75	5 00

Vaughan's Peonies

We have an exceptionally large stock of our own growing, strictly true to name, all in strong divisions, with from 3 to 5 eyes each. Besides these divided roots, we can supply many of the following varieties in plants, two years (5 eyes and up); three and five years (5 to 8 eyes and up) from division. These sizes are more suitable for private customers. Write to us for prices on varieties you desire in large plants.

WHITE AND LIGHT SORTS

	Each	Doz.	100
Albatre. Large, compact. Milk white center edged carmine	\$0 50	\$5 40	
Carnea Triumphans. Guards and crown pale pink, collar amber-white, fragrant. Midseason	30	3 00	\$22 00
Charlemagne. Lilac-white with blush center; fragrant, free. Late, extra	25	2 00	15 00
Couronne d'Or. Snow-white, yellow reflex, very large. Late; a splendid long distance shipper. Splendid cut flower	30	3 00	20 00
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shade	25	2 00	15 00
Duke of Wellington. Very large well formed sulphur white bloom, stems very firm and long; fragrant	35	3 60	25 00
Festiva (Drop White). True, large, full, double; creamy white with crimson spots in center. Dwarf. Late ...	30	3 00	
Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals	30	3 00	20 00
Jeanne d'Arc. Soft pink, center sulphur white and pale pink, very fragrant. Valuable for cut flowers. Very similar to Golden Harvest	35	3 60	25 00
La Tulipe. Delicate rose, fading to creamy white, tipped with carmine; very large bloom, late	35	3 60	25 00
Madame Breon. Guards rosy-flesh, center creamy white, fading to pure white. Large long stem, fragrant, early	35	3 60	25 00
Madame Crousse. Very large, full well-made flower; color snow-white, center petals edged with bright carmine Extra fine for all purposes. Taken all together, this is, in our estimation, the best of all the white Peonies..	35	3 60	25 00
Madame de Verneville. Guard petals sulphur white, center delicate rose white; one of the most desirable of the white Peonies for all purposes	30	2 25	15 00
Marie Lemoine. Large, compact, pure white, cream white center, carmine tips. Fragrant	35	3 60	25 00
Queen Victoria. White, center petals tipped carmine, large, full bloom; one of the best cut flower sorts. Early	25	2 00	15 00

LIGHT AND DARK PINK AND ROSE

Alexander Dumas. Light violet-rose, of medium size. A creamy white collar of narrow petals mingled with the white outer petals. A fine cut flower variety and a good producer.	40	4 00	30 00
Duchess de Nemours (Guerin). Brilliant pink, shaded violet. Very large, early, excellent cut flower	35	3 60	
Edulis Superba. Large flat crown, bright mauve pink, edged with lilac. Free bloomer	35	3 60	
Eugenie Verdier. Delicate flesh pink, very tall, free and very beautiful. Midseason	30	3 00	25 00
Faust. Delicate flesh with dark center. Midseason ...	30	3 00	20 00
Kohinoor. Shell pink, very free, splendid cut flower sort. Midseason	30	3 00	20 00
Livingstone. Very massive solid light pink, of the highest class. Rose shape. Free. Vigorous bloomer and very late	60	6 50	
Madame Emile Lemoine. Large globular, compact, semi-rose type. Milk white. Medium height	60	6 00	
Madame Forel. Immense, compact, bell-shaped bloom. Clear deep rose. Strong stems. Very fragrant. Late.	30	3 00	
Marguerite Gerard. Large, compact, semi-rose developing into a crown with stamens. Very pale hydrangea pink, fading to nearly white, central petals flecked dark carmine. A free bloomer. Late. Extra	40	4 00	30 00
M. Jules Elie. Very large globular flowers with broad imbricated petals, glossy pink silver reflex. Fragrant..	50	5 00	
Prolifera Tricolor. Medium size. Guards flesh-white, collar sulphur yellow. Pale rose crown, fragrant, free, late	30	3 00	
Pulcherrima. Outside petals flesh, center pink, fine cut flower variety	25	2 00	15 00
Souvenir de C. Calot. Very large bloom, satiny pink shaded glossy soft lilac	40	4 50	35 00



A FIELD OF PEONIES AT VAUGHAN'S NURSERIES

LIGHT AND DARK PINK AND ROSE—Cont'd

	Each	Doz.	100
Souvenir de L'Exp. Universelle. Brilliant rose with silvery reflex	\$0 40	\$4 50	\$35 00
Thorbeckii. Deep rose pink, lighter in center; medium, dwarf	30	3 00	20 00
Triomphe de L'Expos. de Lille. Shell pink with a peculiar double crown. Midseason	35	3 60	25 00

RED AND CRIMSON

Agida. Bright red, semi-double. Very fine free blooming late variety	30	3 00	20 00
Andre Lauries. Very large, very compact globular rose-type. Dark Tyrian-rose shading deeper in center. Medium tall. One of the best late varieties	30	3 00	20 00
Berlioz. A charming flower; carmine rose tipped silvery-white. Tall, free flowering. Late midseason	30	3 00	20 00
Delachei. Rich deep purple, strong grower and free bloomer. Midseason	30	3 00	20 00
Felix Crousse. One of the best red sorts, large double ball-shaped flowers. Free bloomer	35	4 00	30 00
La Grange. This variety appeared with us as a rogue in "Charlemagne" many years ago. It impressed us as being very desirable on account of its striking red color, heavy stem and large double flowers; and we have been propagating this variety since then	30	3 00	20 00
Louis van Houtte. Deep carmine-rose, tipped silver, with fiery reflex. Semi-rose type. Fragrant. Late...	30	3 00	20 00
Madame Lebon. Very large, compact, globular, cherry pink to aniline red; fragrant, buds tight, open slowly, tall	25	2 70	18 00
Marechal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve-pink, very large, globular, rose type. Very tall, heavy stem; very late. A good variety	45	5 00	
Meissonier. Large full bloom, brilliant purple-red. Fragrant. Midseason	35	3 60	25 00
M. Krelage. Large, compact, dark solferino red with silvery tips; strong, upright, free bloomer	40	4 00	30 00
Officialis Rubra Plena. This is the old fashioned red: the most brilliant of all reds	20	1 80	12 00
President Roosevelt. Fine full bloom. Very brilliant red	35	3 60	25 00

UNNAMED PEONIES

Divided Roots of From 3 to 5 Eyes

	Doz.	100
Double White, Pink and Red	1 50	10 00
Double Mixed	1 00	6 00

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young, and each has 3 to 5 eyes. These cases contain 67 double white, 66 double pink and 67 double red, each color separate—200 roots in all.

Price, 200—Case for \$18.00. 2 Cases for \$35.00. We cannot divide cases.

JAPANESE TREE PEONIES

We have a fine collection of these choice Peonies in 3-year-old plants, three colors. Each, \$1.00; doz., \$10.00.



GERMAN IRIS



RUDBECKIA PURPUREA



SEDUM SPECTABILE

	Each	Per Doz.	Per 100
PAPAVER Nudicaule (Iceland Poppy), mixed	\$0 10	\$0 85	\$6 00
Yellow, Orange or White	10	85	6 00
PENTSTEMON Barbatus Torreyi. Scarlet	10	85	6 00
Digitalis. Pale blue and white	10	85	5 00
PHYSTOSTEGIA Speciosa. Pink, 3 to 4 ft.	10	1 00	7 00
Virginica. Pink, 3 to 4 ft.	10	1 00	7 00
Alba. 2 to 3 ft.	10	1 00	7 00
PLATYCODON Grandiflorum. Deep blue	10	1 00	7 00
Grandiflorum Album. White, 18 in.	10	1 00	7 00
POLYGONUM Compactum. White	10	1 00	7 00
Cuspidatum. White, 7 to 8 ft.	10	1 00	7 00
POLYGONATUM Giganteum, (Solomon's Seal)	10	1 00	7 00
PRIMULA Veris (Hardy Primrose). Mixed, 9 in.	10	1 00	7 00
PYRETHRUM Roseum. Mixed	10	1 00	7 00
Grandiflorum. Mixed	10	1 00	7 00
Uliginosum. Giant Daisy. White, 5 ft.	10	1 00	7 00
RUDBECKIA Golden Glow. Yellow	10	75	5 00
Newmani. Orange, black cone	10	85	6 00
Purpurea Grandiflora. (Echinacea Purpurea).			
Purple cone-flower. Claret red	10	85	6 00
SALVIA Azurea Grandiflora. Blue	20	2 00	12 00
Pitcheri. Deep blue	20	2 00	12 00
Officinalis. (Common Sage)	10	75	5 00
SAPONARIA Ocyroides Splendens	10	85	6 00
SCABIOSA Japonica	10	85	6 00
SEDUM Acre. Bright yellow	10	85	6 00
Brilliant. Bright scarlet	20	2 00	12 00
Spectabile. Rose	10	85	6 00
Spectabile Atropurpureum. Crimson	15	1 50	10 00
SOLIDAGO Canadensis. Golden yellow	10	85	6 00
STOKESIA Cyanea. Pale blue	10	85	6 00
STATICE Latifolia. Lavender	10	1 00	7 00
SWEET WILLIAM			
Diadematus. Rose, spotted white	10	85	6 00
White, Pink, Blood Red & Nigrescens (Black)	10	85	6 00
Johnson's Giant. Assorted	10	85	6 00
Roseus. Bright, single pink	10	85	6 00
Mixed. Single	10	85	6 00
TARRAGON. True German	15	1 25	8 00
THALICTRUM Dipterocarpum. 4ft. Rosy purple	25	2 50	18 00
THYMUS Vulgaris. Thyme	10	85	6 00
TRILLIUM Grandiflorum. White	..	60	3 50
TRITOMA Pfitzeri. Orange-scarlet	10	1 00	8 00
Express. Bright-scarlet	10	1 00	8 00
VALERIANA Coccinea. (Rubra)	10	85	6 00
Officinalis	10	85	6 00
VERONICA Spicata. Blue	10	1 00	7 00
VINCA Minor. Grave Myrtle	10	75	5 00
VIOLA Odorata. Hardy double English Violet	15	1 25	8 00
YUCCA Filamentosa. White	15	1 50	10 00

Larger plants \$15.00, \$25.00 and \$50.00 per 100.

HARDY IRISES

GERMAN IRIS

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals. We offer the following choice collection which contains some of the finest varieties in cultivation, many new kinds being added this year.

	Each	Per Doz.	Per 100
Aurea. Good self-yellow	..	\$0 85	\$6 00
Black Prince. "S" lilac, "F" velvety black	..	1 00	8 00
Candelabra. Silvery mauve and purple	..	3 20	25 00
Caprice (New). "S" reddish purple, "F" deeper purple	..	2 00	..
Charles Dickens. "S" blue, "F" dark blue, suffused and veined dark purple	..	60	4 00
Dr. Berenice. "S" bronze, "F" velvety crimson	\$0 15	1 50	10 00
Hector. "S" soft clouded yellow, "F" velvety crimson	..	65	4 50
Heteranth. "S" bright blue, "F" deeper blue	..	65	4 50
Honorabilis. "S" golden, "F" rich mahogany	..	60	4 00
Jeanne d'Arc. Clear lilac and white	..	3 60	..
Johan de Witt. "S" pale lilac, "F" violet	..	70	5 00
Kharput (Italia). "S" violet, "F" violet purple	15	1 50	10 00
Mme. Chereau. The prettiest and tallest of all. "S" and "F" white, daintily edged with porcelain blue, 40 ins.	..	65	4 50
Mad. Paquette. Bright rosy claret	15	1 50	10 00
Mars. "S" light yellow, "F" pale yellow, blotched and veined violet	..	70	5 00
Mrs. H. Darwin. "S" clear waxy white, "F" white with waxy veins, pretty, 2 ft.	..	70	5 00
Monsignor. "S" blush lavender, "F" violet	..	6 00	..
Pharaon. Lilac, very fine	10	70	5 00
Queen of May. "S" lilac pink, "F" lilac blended with white; distinct, 30 inches	..	80	6 00
Stenophylla. "S" pale blue, "F" dark blue	..	70	5 00
Trautlieb. Uniform rosy red, fine	25	2 50	..
Venus. "S" lemon yellow, shading to golden yellow at base, deeply veined with purple on a white ground	10	65	4 50
MIXED	1,000,	\$22.00	..
	..	50	3 00

JAPAN IRIS—Iris Kaempferi

Named varieties	15	\$1 25	\$8 00
Mixed varieties	10	1 00	6 00

IRIS—Pumila Hybrida

Dwarf form of German Iris, growing about 8 inches high, very free blooming, sweet scented and about two weeks earlier.

	Each	Per Doz.	Per 100
Florida. Beautiful lemon yellow, shaded darker	..	\$0 70	\$5 00
Cyanea. Cornflower lilac	..	70	5 00

IRIS—Interregna

A fine mid-season class, being a cross between the early Pumila type and the German Iris.

	Each	Per Doz.	Per 100
Walhallia. Rosy lavender and claret	..	\$1 00	\$8 00

IRIS—Sibirica Orientalis

Strong free growing Iris, adapting themselves to almost any location and producing a mass of flowers from June to August.

	Each	Per Doz.	Per 100
Snow Queen. Pure white	\$0 15	\$1 20	\$8 00
Yale Blue. Deep blue	..	80	6 00

Ornamental and Shade Trees

We cannot ship any trees over 12 ft. in height by express, they must go by freight

	Each	Per doz.	Per 100
ASH (<i>Fraxinus Americana</i>), White, 3 to 4 ft.	\$0 15	\$1 50	
4 to 5 ft.	20	2 00	
5 to 6 ft.	30	3 00	
10 to 12 ft., 2½ in. caliper	1 75	18 00	
10 to 12 ft., 3 in. caliper	2 50	25 00	
10 to 12 ft., 4 in. caliper	3 00	30 00	
Excelsior (European Ash), 10 to 12 ft., 2½ in. caliper	2 50	25 00	
10 to 12 ft., 3 in. caliper	3 25		
Viridis (Green Ash), 3 to 4 ft.	15	1 50	
4 to 5 ft.	20	2 00	
10 to 12 ft.	1 25	12 00	
12 ft., 2 in. caliper	1 75	18 00	
12 ft., 2½ in. caliper	2 00	20 00	
BOX ELDER (<i>Ash Leaved Maple</i>), 6 to 8 ft.	85	8 50	
CATALPA Bungei , 5 ft., clear stem, 2 year head	1 25		
6 ft., 2 year head	1 50		
Kaempferi , 4 to 5 ft.	20	2 00	
5 to 6 ft.	30	3 00	
12 to 14 ft., 2 to 2½ in. caliper	2 00	20 00	
Speciosa , 4 to 5 ft.	15	1 50	
5 to 6 ft.	25	2 40	
6 to 8 ft.	35	3 60	
10 to 12 ft.	75	8 00	
10 to 12 ft., 2½ in. caliper	2 00	20 00	
Syringaeifolia , 4 to 5 ft.	20	2 00	
5 to 6 ft.	30	3 00	
12 to 14 ft., 3 in. caliper	2 25	25 00	
ELM (<i>Ulmus Americana</i>), 8 to 10 ft.	60	6 00	
10 to 12 ft., 1½ to 2 in. caliper	1 60	16 00	
10 to 12 ft., 2½ in. caliper	2 00	20 00	175 00
10 to 12 ft., 3 in. caliper	\$2 25	3 00	
12 to 14 ft., 3 in. caliper	\$3 00	4 00	
12 to 14 ft., 4 in. caliper	\$5 00	8 00	
12 to 14 ft., 5 in. caliper	\$8 00	10 00	
Write for Prices on 6, 7 and 8 in. elms.			
Campestris , <i>Dampieri</i> <i>Pyramidalis</i> , 10 ft.	1 75	18 00	
English Elm (<i>U. Campestris</i>) 10 to 12 ft., 1½ in. cal.	2 25	25 00	
10 to 12 ft., 2 in. caliper	2 75	30 00	
10 to 12 ft., 2½ in. caliper	3 00		
12 to 14 ft., 2½ in. caliper	3 50		
12 to 14 ft., 3 in. caliper	4 00		
Monumental Elm (<i>U. Monumentalis</i>)			
18 to 10 ft.	1 25	14 00	
12 ft., 2 to 2½ in. caliper	2 75	30 00	
Purple Leaved (<i>U. Purpurea</i>), 12 ft., 3 in. caliper	3 00	30 00	
14 ft., 3½ in. caliper	4 00		



A BLOCK OF ELMS AT OUR NURSERIES

There is no prettier lot of Elms in Illinois

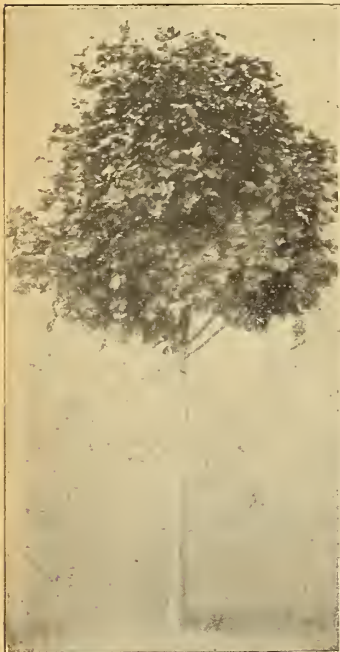
	Each	Per doz.	Per 100
ELM (<i>Ulmus</i>)—Continued.			
Scotch Elm (<i>Campestris latifolius</i>)			
10 to 12 ft., 1½ in. caliper	\$2 00	\$20 00	
10 to 12 ft., 2 in. caliper	2 50	25 00	
10 to 12 ft., 2½ in. caliper	3 75	30 00	
10 to 12 ft., 3 in. caliper	3 50		
JUDAS TREE (<i>Red Bud</i>) 5 to 6 ft.	60	6 00	
LINDEN (<i>Tilia</i>).			
American (<i>T. Americana</i>) 8 to 10 ft., 1 to 1½ in. caliper	60	6 00	
8 to 10 ft., 2 in. caliper	1 50	15 00	
Crimean (<i>T. Dasystyla</i>) 10 ft., 2 in. caliper	1 75		
LOCUST (<i>Robinia</i>).			
American Honey Locust (<i>Gleditschia Triacanthos</i>)			
2 to 3 ft.	20	2 00	\$12 00
3 to 4 ft.	30	3 00	
Black Locust (<i>Pseud-acasia</i>) 3 to 4 ft.	20	2 00	12 00
5 to 6 ft.	30	3 00	20 00
6 to 7 ft., Specimens	50	5 00	
MAIDENHAIR TREE (<i>Giugko Biloba</i>).			
8 to 10 ft., 2 in. caliper	2 50	25 00	
MAPLE (<i>Acer</i>). Geneva (<i>Purple</i>) 8 ft., 2 in. caliper			
9 ft., 2½ cal.	3 00		
Norway . (<i>A. Platanoides</i>) Extra fine stock. 8 to 10 ft.	1 25	12 00	
10 to 12 ft., 2 in. caliper	2 00	20 00	
10 to 12 ft., 2½ in. caliper	2 50		
Schwedleri (<i>Purple-leaved</i>). 8 to 10 ft.	1 50	15 00	
Silver Leaf (<i>A. Dasycarpum</i>) 10 to 12 ft.	1 25	12 00	
10 to 12 ft., 2½ in. caliper	1 75	17 50	
Weir's Cut-leaved , 8 to 10 ft.	85	9 00	
Japanese Maple See <i>Acer</i> , (Shrubs).			
MOUNTAIN ASH (<i>Sorbus</i>).			
European . 8 to 10 ft.	60	6 00	
10 to 12 ft., 2 in. caliper	1 25	12 00	
MULBERRY (<i>Morus</i>).			
Russian (<i>Tartarica</i>) 2 to 3 ft.	25	2 40	12 00
3 to 4 ft.	30	3 00	18 00
4 to 5 ft.	35	3 60	
POPLAR . Bolliana . 3 to 4 ft.			
	20	2 00	
Carolina . 6 to 8 ft.	1 80	10 00	
8 to 10 ft., 1 to 1½ in. caliper	35	3 60	25 00
Lombardy , 6 to 8 ft.	1 50	8 00	
8 to 10 ft., 1 to 1½ in. caliper	1 60	12 00	
10 to 12 ft.	2 50	15 00	
Norway , 6 to 8 ft.	1 50	8 00	
8 to 10 ft.	1 80	12 00	
TREE OF HEAVEN . 4 to 5 ft.	35	3 60	
WALNUT , (<i>Juglans</i>). Black . (<i>J. Nigra</i>). 6 to 7 ft.	60	6 00	
7 to 8 ft.	1 00	10 00	
Japonica , 2 to 3 ft.	20	2 00	
3 to 4 ft.	35	3 60	
Sieboldii , 2 to 3 ft.	25	2 40	

CONIFERS.—For sizes and varieties, see Retail Catalog, off which prices we allow a discount of 25 per cent.

PUSSY WILLOWS—A MONEY MAKER

These furnish excellent material for window decorations, basket work, etc. Cut the branches after New Year's, put in water and keep in greenhouse or store. The Pussies will open in 3 to 4 weeks. These pussy willow branches sell at from 5 to 8 cents each at wholesale in the Chicago Market. Plant in any corner in the garden, preferably in a moist spot.

Strong bushes, 2 to 3 ft. with from 6 to 10 branches, dozen \$2.00; per 100, \$15.00.



NORWAY MAPLE



LOMBARDY POPLAR

Write for prices on lots of 50, 100, 150 and over, on all Nursery stock.

SUMMER-FLOWERING BULBS FOR WHOLESALE TRADE



CALADIUM ESCULENTUM

CINNAMON VINE

Well-known hardy climber; quick grower, with beautiful, glossy heart-shaped leaves and sweet-scented flowers. Vines will run 25 or 40 feet in one season; good roots. Doz. 100 1000

Extra strong..... \$0 45 ~~50~~ \$2 50 \$20 00

CHLIDANTHUS FRAGRANS

Of free-flowering habit, with beautiful lemon flowers, very fragrant, being a combination between the Lilac and the Doz. 100 Tuberose scent..... \$0 50 \$3 50

GLOXINIA GRANDIFLORA

Our strain of this grand Summer-blooming bulbous plant is from one of the largest collections in Europe, and includes the beautifully spotted and tigered sorts.

Separate Colors..... \$0 60 \$4 00 \$35 00
Doz. 100 1000
Mixed Colors..... 50 3 60 32 00



Caladium Bulb

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Per doz.	Per 100	1000
5 to 7 inch circumference.....	\$0 35	\$1 75	\$15 00
7 to 9 inch circumference.....	60	3 50	30 00
9 to 11 inch circumference.....	90	6 00	55 00
11 to 12 inch circumference.....	1 50	9 50	85 00
12 inch and upwards, very large.....	2 00	14 00	125 00

HYACINTHUS CANDICANS

Splendid bulb for planting in the perennial border, being perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, borne on stalks four feet high. Plant in rear on account of tall growth. 1-2 inch, Doz., 30c; per 100, \$1.60; per 1000, \$14.00.

2-3 inch, Doz., 40c; per 100, \$2.00; per 1000, \$17.00.

ISMENE CALATHINA

Flowers pure white, three and four to stem; useful for funeral work. Per doz. Per 100 Per 1000
Each 10c \$ 75 \$5 00 \$45 00

MADEIRA VINE

One of the best known climbers and a ready seller; very rapid in growth with dense and beautiful foliage. Strong tubers, Medium size 35 1 75 15 00
Selected..... 50 2 25 18 00

MONTBRETIAS

A profitable bulb for Florists to grow outdoors; treated like a Gladiolus, it will produce abundant spikes of star-shaped flowers which can be readily sold at good prices. With good culture, these blooms almost attain the size of a small flowered gladiolus. Mixed colors..... 30 1 50 12 00

MIKADO FERN BALL

Will grow and thrive under the most adverse conditions. A profitable Fern for Easter sales. Dormant, 7 to 9 inch diameter. Each 30c.... 3 00 22 00
5-inch diameter.Each 20c.... 2 00 15 00

THE following are produced on contract for Vaughan's Seed Store at Chicago and New York. They should be sound, well matured and the best selection of the crops of each sort, as thus far we have paid our growers 100 cents on the dollar.

AMARYLLIS

	Per Doz.	Per 100	Per 1000
Belladonna Major. Each 15c.....	\$1 75	\$13 00	.....
Johnsonii. Clear crimson, striped white; one of the best.			
7 to 9 inches. Fine bulbs.....	2 40	18 00	.....
9 to 11 inches. Mammoth.....	3 50	25 00	.....
KERR'S GRAND HYBRIDS. Our own introduction. Don't miss these..... Each, 60c	6 00	.....	.....
Vittata Hybrids. Each 45c.....	5 00	35 00	.....

APIOS TUBEROSA

A good hardy climber closely resembling the common Wistaria in vine and foliage, with clusters of large, bright purple flowers..... 35 2 00 \$15 00

BEGONIAS

Giant Flowering Varieties

TUBEROUS-ROOTED We import only bulbs which are grown from the finest large-flowering strains of seed and which are sure to give satisfaction. Per Doz. Per 100 Per 1000

Single Sorts—White, Scarlet, Yellow, Pink.....	\$0 50	\$3 00	\$25 00
Single Frilled.....	65	5 00	45 00
Single Butterfly.....	1 00	5 50	50 00
Single Mixed Colors.....	40	2 60	23 00
Double Sorts—White, Scarlet, Yellow, Pink.....	60	4 00	35 00
Double Frilled.....	1 00	6 50	60 00
Double Butterfly.....	1 00	6 50	60 00
Double Mixed Colors.....	55	3 50	32 00

Write for prices on started plants in May.

CRISTATA Curious strain of Single Begonia with flowers of good size, bearing on each petal a crest or beard composed of curiously twisted threads. Each, 15c..... 1 75 13 00

GRAF ZEPPELIN Of strong, vigorous, though dwarf habit, 6 to 8 inches in height. Double flowers of rich scarlet. Each 20c..... 2 00 15 00

LA FAYETTE Flowers are of a most brilliant fiery scarlet, double, and borne upright on their stalks. One of the best for bedding, as it blooms all Summer. Each 25c..... 2 50 18 00

CALLAS—For Spring Planting

Elliotiana, the giant yellow with spotted leaves. Fine pot novelty for florists. Each Doz. Per 100 1000
\$0 20 \$2 25 \$16 00

Spotted Leaf (Richardia), useful for florists..... 05 50 3 50 \$30 00



BEGONIA—Single Tuberous-Rooted

Lily Bulbs and Valley

From Ice Storage

Progressive Florists are rapidly coming to recognize the demand for Lilies for summer use, and each year an increasing number are using their empty benches for this stock to great advantage. We can ship this stock on one day's notice from New York or Chicago. When orders are placed with us for cold storage stock, we set same aside, but cannot be responsible for not being able to produce the bulbs or pips if same have been destroyed by fire or any other cause beyond our control. We accept no responsibility whatever for results in forcing cold storage stock or for damage in transit.

These Prices are for case lots only. Prices subject to change. Storage charges paid until Sept. 1st, 1917. 250 at the 1000 rate.

LILIUM LONGIFLORUM GIGANTEUM

- 7 to 9 inches—(Packed), 100 bulbs to casePer Case. \$ 5 50
 - 7 to 9 inches—(Packed), 300 bulbs to casePer Case. 15 00
 - 8 to 9 inches—(Packed), 250 bulbs to casePer Case. 15 00
 - 9 to 10 inches—200 bulbs to case (100 bulbs, \$3.50) Per Case 16 00
- Best for late work—(5 cases, 1000 bulbs, \$77.50).

LILIUM SPECIOSUM RUBRUM and AURATUM

Excellent kinds for storage purposes. Can be forced the year around. While we can only ship in case lots, the plants do not flower at the same time, so that almost everyone can buy in this way.

For cut-flower or design work both are very useful.

- 8 to 9 inches, 160 bulbs to casePer Case. \$9 50
- 9 to 11 inches, 105 bulbs to casePer Case. 9 50

LILY OF THE VALLEY PIPS AND CLUMPS

These are Chicago storage prices. Customers of our New York house will please ask for prices there. Our cases are numbered and "stock marked" and these records show on your invoice. You can thus "Repeat" your orders with assurance of receiving the same grade and packing.

☞ Book now for future dates and be sure of your supply.

- | | | | | | |
|------|---|--------------------------------------|--------|---|-------------------------|
| PIPS | { | 250 to case.Case for \$ 6 00 | CLUMPS | { | 25 in case. for \$ 5 75 |
| | | 500 to case.Case for 11 00 | | | 50 in case. for 11 00 |
| | | 1000 to case.Case for 20 00 | | | 100 in case. for 20 00 |

☞ These prices subject to change.

Above Valley is from a reliable Dutch grower whose stock in 1916 gave our customers A1 flowers.

OXALIS	Per Doz.	Per 100	Per 1000
White.	\$0 10	\$0 50	\$3 00
Pink.	10	50	3 00
Red.	10	50	3 00



LILIUM SPECIOSUM RUBRUM

LILY BULBS—General List

1916 Crop.	Repacked Cases.	Sound when Shipped.	Per 100	Per 1000
Size and Diameter	Per doz.			
AURATUM, 8 to 9 inches.	\$1 00	\$ 6 00	\$53 00	
9 to 11 inches.	1 50	8 50	80 00	
11 to 13 inches.	2 00	14 00		
AURATUM PLATYPHYLLUM				
8 to 10 inches.	1 50	9 50		
10 to 12 inches.	2 75	19 00		
SPECIOSUM Album. White,				
8 to 9 inches.	1 25	8 50	80 00	
9 to 11 inches.	1 50	10 00	95 00	
Rubrum. 8 to 9 inches.	90	6 00	54 00	
9 to 11 inches.	1 50	9 50	88 00	
11 to 13 inches.	1 75	14 00		
All our Rubrum are of the deep magnificent color.				
Melpomene. 8 to 9 inches.	1 15	7 25	65 00	
9 to 11 inches.	1 75	11 50	105 00	
HENRYI. Apricot yellow.	4 00	30 00		
HANSONI. Reddish orange.	4 00	30 00		
CANADENSE. Yellow.	1 00	6 50	55 00	
ELEGANS. Mixed.	60	4 00	35 00	
PARDALINUM.	1 00	6 50	55 00	
SUPERBUM. Orange.	75	5 00	45 00	
TENUIFOLIUM. Scarlet.	75	4 50	40 00	
TIGRINUM Splendens.	55	3 50	30 00	
TIGRINUM Fortunei. A fine Japan grown type of Tiger Lily. Large bulbs, 9-12 inch	1 60	12 50		
TIGRINUM Fl. Pl.	55	3 50	30 00	
UMBELLATUM.	75	4 50	40 00	

TUBEROSES

If shipped from New York we allow 50c per 1000 for freight.

EXCELSIOR PEARL—Dwarf. Our stock of Excelsior Pearl has been bred up for many years by carefully selecting bulbs producing the shortest stalks only, with full heads of double flowers. Prices subject to change without notice.

PRICES—FIRST SIZE BULBS (4-6 in. circ.)	Telegraphic word	100	1000
"Modern" Bulbs as received from growers	(2000, \$17 50)	\$1 10	\$9 00
Hand picked Bulbs after March 1st.			9 50

MEDIUM SIZE BULBS (3-4 in. circ.)	Telegraphic word		
"Militia" Bulbs as received from growers		75	6 00
Hand picked Bulbs after March 1st.	Write for prices.		

	Per doz.	100	1000
ARMSTRONG'S EVERBLOOMING. Blooms profusely	..	\$2 00	\$18 00
VARIEGATED LEAVED. All sound bulbs, hand picked.	..	1 75	15 00
ALBINO. All sound bulbs, hand picked	..	1 75	15 00
MEXICAN, Single	..	2 25	20 00
TIGRIDIAS Separate Colors.	\$0 40	2 50	20 00
Mixed.	30	2 00	18 00

ZEPHYRANTHUS

Rosea. Beautiful clear rose; flowers large and very handsome, blooms all summer.	75	4 50	40 00
Candida. Pure white; most profuse bloomer of all	50	3 00	25 00



TUBEROSE

Gladioli for Florists

First size measures 1 3/8 in. and up, Medium (mailing size) measures 1 1/8 to 1 3/8 in.

Our Gladiolus fields are managed for producing first-class bulbs. We plant none for cut-flower purposes and the limited number of blooms which we sell are cut with sufficiently short stems to leave ample foliage on the growing plant, without which it does not mature as strong and healthy a bulb. Our stock of bulbs grown as above will force under glass and will also give strong and healthy flower spikes, blooming early when planted early on favorably located ground.

MRS. FRANCIS KING

LEADING DECORATIVE GLADIOLUS FOR THE TRADE

This has become the most popular and effective variety for window, store and hotel decorations. The long, strong flower stalks and foliage, its effective flower spike with a good line of reserve huds continually opening, with flower 1 1/2 inches across five to six flowers well spread out on the spike at the same time, its brilliant vermilion scarlet color gives for vases, in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced in any other Gladiolus. Price, First size, per 100, \$1.50; per 1,000, \$14.00. Medium size, per 100, \$1.15; per 1,000, \$10.00

HYDE PARK

VERY EARLY BLOOMER

A frosty, sparkling white, penciled and feathered with light and dark rose—but the lower petals are much more distinctly blotched with cream—which is an added charm. It is a very early bloomer, making it of special value in the cut-flower market, as it comes in at a time when there is very little competition from other varieties; an ideal variety for Florists' use. Received certificate of merit from American Institute of New York City. Price, first size, per doz. 65c; per 100, \$4.50; per 1,000, \$40.00.



CHICAGO WHITE

PRIMULINUS "SUNBEAM"—Novelty (Vaughan's Introduction)

One of the first varieties of Primulinus blood in America to receive a name. This variety, which we introduced in 1914 for the first time, is a cross of select yellows from the Primulinus Mixture, with the variety Sulphur King. Its strong growth and clear yellow color mark it for a leader in this class. The graceful form of all the Primulinus class insures their popularity in our best American gardens as soon as they become known. Each 20c; doz. \$2.00; per 100, \$15.00.

CHICAGO WHITE (Vaughan's Introduction)

THE EARLIEST WHITE

If you want the earliest possible cut Gladiolus use this. The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks in the lower petals.

We gave this a very effective try-out the past season among some of the most important forcers of bulbs for cut flowers in and about Chicago. There is a fixed demand for this variety for early use, both in doors and out. Price, First size, per 100, \$2.25; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$15.00.

AMERICA

The finest pink Gladiolus yet introduced, being especially valuable to florists, both for sale as a cut-flower or use in design work. An easy forcer and a money maker for the florist. Price, First size, per 100, \$1.75; per 1,000, \$15.00. Medium size, per 100, \$1.25; per 1,000, \$9.00.

AUGUSTA

The best Florists' White Gladiolus. We are headquarters for this variety, having a splendid stock of large healthy bulbs. Price, First size, per 100, \$1.70; per 1,000, \$13.00. Medium size, per 100, \$1.35; per 1,000, \$10.00.

PRINCEPS (Vaughan's Introduction)

Popular beyond every other variety, both in this country and throughout Europe. It has made a class for itself, and you do not have the best until you buy it. Individual flowers are 5 1/2 inches in diameter and sometimes one inch larger, color being a brilliant scarlet crimson with three broad white blotches on the lower petals. Price, First size, per doz., 50c; per 100, \$3.00; per 1,000, \$25.00.



MRS. FRANCIS KING

RUFFLED "GLORY"

The color is a delicate pink, with a most attractive crimson stripe in the center of each lower petal, the shade of which is unique in Gladioli. The ruffling of the petals in this new strain has attracted much attention the country over. Price, First size, per 100, \$4.50; per 1,000, \$40.00.

HALLEY

This is one of the earliest of Gladioli, and we strongly recommend it for cutting on account of its exquisite color. Delicate Salmon-pink, a pale ground showing at the throat, which is marked with small red stripes. It has won the highest awards wherever exhibited and officially reported as "Magnificent all-around variety, fine constitution and color." Doz. 35c; per 100, \$2.25; per 1,000, \$20.00.

NIAGARA

In color the flowers are a delightful cream shade with the two lower inside petals or segments blending canary yellow.

The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. Price,

First size, per doz., 65c; per 100, \$4.50; per 1,000, \$40.00.

Medium size, doz., 50c; per 100, \$3.75; per 1000, \$35.00.



MRS. FRANK PENDLETON

MRS. FRANK PENDLETON (Quickest seller, highest prices. Chicago Flower Market, 1916)

One of the most exquisitely colored and formed Gladiolus in our entire list. In addition, the size of bloom is not exceeded by any other. The color is a delicately flushed salmon pink. The blooms are wide open and are arranged individually on slender but wiry stems. Each flower is strikingly marked by a rich maroon blotch on the three lower petals. Doz. \$1.00; per 100, \$7.50; per 1,000, \$70.00.

PANAMA

A new seedling of America which resembles the parent variety in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Spike very long with flowers large and well arranged. Price, First size, per doz., 50c; per 100, \$3.50; per 1,000, \$30.00.

VAUGHAN'S MIXTURES

We make all of our mixtures of these bulbs ourselves, using named varieties and mixtures of proven merit; by this method we can safely guarantee our customers satisfaction when buying our mixtures.

VAUGHAN'S XXX FLORIST MIXTURE. Made up from named white and light varieties and mixtures of light colors only, and designed to meet the demands of our florist customers for a mixture suitable to be used for cut flowers. Price, per 100, \$1.75; per 1,000, \$15.00.

RAINBOW MIXTURE. Composed of the choicest named varieties and including also the famous Childsii, Lemoine's and Nanceianus sorts. The best mixture we can make up, and is without an equal in America. Price, per 100, \$3.00; per 1,000, \$25.00.

EXTRA FINE MIXED. This mixture is specially grown for us, and is further improved by us when received from the grower by the addition of many choice new kinds, including some Childsii, insuring a wide range of colors, shades and types. Price, per doz., 35c; per 100, \$2.00; per 1,000, \$18.00.

STANDARD MIXED. This mixture contains a very complete range of colors. Price, large bulbs, per 100, \$1.25; per 1,000, \$10.00. Medium size, per 100, \$1.00; per 1,000, \$8.50.

GLADIOLI IN COLORS

	Doz.	100	1,000
Blue Shades.....	\$0.75	\$5.00	\$45.00
Lilac and Violet.....	.65	4.50	40.00
Pink Shades.....	.30	1.75	15.00
Pink and White.....	.50	3.00	25.00
White and Light, Extra Shades.....	.50	3.00	25.00
Scarlet and Red.....	.30	1.50	12.50
Scarlet with White Throat.....	.30	3.00	25.00
Yellow Shades.....	.55	3.50	30.00

Vaughan's Flower Seeds



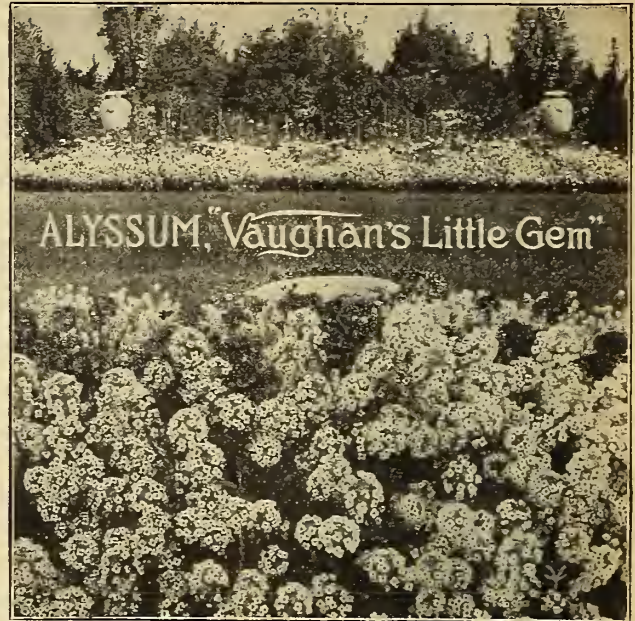
AGERATUM—Blue Perfection

The Best Flower Seeds in America.—We have made this claim for years and judging from our ever increasing business we have made good, and our constant endeavor will be to maintain the position we hold in the Flower Seed business.

Since we are depending on Europe for most of the florists' flower seeds, there is a possibility of some of the stocks not being of the usual high standard of quality, on account of the conditions prevailing there for the last two years. We have taken the greatest pains to secure the very best stocks obtainable, in a number of cases from specialists in their lines, and we are confident that no better seeds can be obtained elsewhere.

Our list contains all the best novelties that we know to be worthy of cultivation and that are improvements on the older kinds, or entirely new varieties, as well as all the standard sorts.

Flower Seeds for Summer Sowing.—Cinerarias, Primulas, etc., also Perennials. We issue a special circular in June. Should you fail to receive one, please write for it, as we have some very desirable novelties to offer.



For seeds of perennials and biennials, see page 43.
Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.
Quantities of 1/2-lb. and over are charged at the pound rate; 1/2-lb. at the oz. rate; 1/2-oz. at the oz. rate, but only when the price per oz. is 40c or more, and is not otherwise quoted.

We do not sell 1/2-oz. where the price per oz. is 15c or less.

Cash Discount.—On orders over \$2.00 for Flower Seeds, if the cash is enclosed, 10 per cent. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.

	Trade pkt.	Oz.
Abronia Umbellata Grandiflora. Carmine.....	\$.10	\$.40
Arenaria. Yellow, creeping.....	.10	
Abrus Precatorius. (Weather Plant).....	.05	.40
Abutilon (Flowering Maple). Fine mixed..... per 1/8 oz. 40c	.15	
New Hybrids, mixed..... per 1/8 oz. 60c	.25	
Acacia Lophanta Speciosa Compacta. Yellow flowers.....	.05	.20
Mixed, all colors.....	.05	.15
Acroclinium Roseum. Pink (Everlasting).....	.05	.20
Roseum Flore Albo. White.....	.05	.30
Fl. Pl. Double pink.....	.10	.30
Adonis Aestivalis (Flos Adonis). Red.....	.05	.15
Autumnalis. Red.....	.05	.15
Agapanthus Umbellatus (Blue Lily of the Nile).....	.15	.70
Ageratum Mexicanum Blue.....	.05	.20
Mexicanum Album, White.....	.05	.20
Imperial Dwarf Blue.....	.10	.40
Imperial Dwarf White.....	.10	.40
Nanum Luteum. Yellow, dwarf.....	.10	.40
Blue Perfection. Best dark blue bedder.....	.10	.70
Little Blue Star. Tiny bushes, flowers light blue with dark red center.....	.25	
Red Pearl. Dwarf, pink.....	.25	
Princess Victoria Louise. Light blue with white center.....	.10	.40
Little Dorrit. Dwarf, blue.....	.10	.40
Wendlandi Nanum Compactum Album.....	.10	.50
Lasseauxi. Fine pink, good cut-flower, 3 feet.....	.10	.40
Agrostemma Coeli Rosa. (Rose of Heaven).....	.05	.15
Agrostis Nebulosa (Cloud Grass).....	.10	.80
Alonsoa Grandiflora. Scarlet.....	.05	.25
Warscewiczii. Fine for cutting, red.....	.05	.25
Alyssum Maritimum (Sweet Alyssum)..... lb. \$1.50	.05	.15
Benthami Compactum Erectum. Dwarf..... lb. \$2.80	.10	.30
Compactum Lilacinum (Lilac Queen). Distinct variety with pale lilac flowers. The plants are dwarf and grow upright.....	.10	.60
Compactum Lutescens. Similar in growth and habit to the preceding but differs essentially in the colors of its blossoms which are pale yellow.....	.15	
Vaughan's Little Gem. Extra fine strain..... lb. \$6.00	.10	.60
Amaranthus Tricolor (Joseph's Coat).....	.05	.25
Tricolor Splendens.....	.10	.40
Atropurpureus. Blood red.....	.05	.15
Cruentus (Prince's Feather). Dark red feathery flowers.....	.05	.15
Caudatus (Love Lies Bleeding). Red.....	.05	.15
Superbus. Coleus-leaved.....	.05	.15
Salicifolius (Fountain plant). Willow-leaved.....	.10	.50
Mixed, all colors.....	.05	.15
Amaryllis Hippeastrum, New Hybrids.....	.75c	per 100 seeds

	Trade Pkt.	Oz.
Amberboa Muricata Rosea. Good cut-flower.....		
Ambrosia Mexicana.		
Ammobium Alatum Grandiflorum (Everlasting)..... lb. \$2.00	\$0.05	\$0.15
Anagallis Grandiflora. Mixed, all colors.....	.10	.40
Anchusa Capensis. Deep sky-blue.....	.10	.30
Antigonon Leptopus (Mountain Rose).....	.10	.60

ANTIRRHINUM

Large flowering. Mixed, all colors, 3 feet.....	.10	.40
Majus Grandiflorum. Carmine rose. An extra fine shade.....	.10	.60
Cerise King. Cerise pink, white throat and white lip.....	.15	
Firefly. Scarlet, white throat.....	.10	.50
Fairy Queen. Golden orange, pink and white.....	.10	.50
Golden King. Yellow.....	.10	.50
Delila. Carmine and yellow with white throat.....	.10	.50
Queen Victoria. White shaded cream with yellow lip.....	.10	.50
Brilliant Rose.....	.10	.60
Brilliant Scarlet.....	.10	.50
Dark Rose. (Coral red).....	.10	.50
Pink Pearl. White, shaded peach blossom.....	.15	
Rubin. Shining ruby red.....		
Venus. Apple-blossom pink.....	.15	.80
Striped Varieties. Butterfly, mixed.....	.10	.50
Lovely. White with pink lip.....	.10	.50
Delicata (Daybreak Pink).....	.10	.50
Maximum, Purple King.....	.15	.80
Vaughan's Special Mixture......	.10	.60
Nanum Grandiflorum, Amber Queen. Canary yellow, overlaid chamois pink.....	.15	.80
Carmine Queen. Rose carmine.....	.15	
Mauve Beauty. Clear pale mauve.....	.15	
The Fawn. Terra cotta pink and pale yellow.....	.15	
Rosy Morn. Pale rosy pink, white lip.....	.15	
Wild Rose. Light pink, white throat with yellow center.....	.20	
Rose Dore. Salmon rose.....	.15	
Aurora. Cinnabar carmine, white throat.....	.10	.60
Black Prince. Deep crimson.....	.10	.60
Queen of the North. White.....	.10	.70
Golden Queen. Yellow.....	.10	.60
Mixed. All colors.....	.05	.35
Tom Thumb. Mixed, all colors, 6 inches.....	.10	.70
Fireball. Scarlet.....	.15	
Snow Queen. White.....	.15	

Arctotis Grandis (The African Lilac Daisy). A good cut flower, flowers pure white on upper surface, reverse petals being lilac .05 .35

ASPARAGUS

Plumosus Nanus. Northern Greenhouse Crown. We handle this Asparagus both in seed and plants of all sizes, in very large quantities and make very close prices on larger amounts on application. Our seed is fresh, of best germinating quality and vitality. Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds at \$3.00 per thousand.

Hatcherii, 100 seeds, 40c; 1,000 seeds, \$2.00.

Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5000, seeds, \$3.50; oz. 50c.

Artemisia. Annual, very decorative. Trade pkt., 5c; oz. 15c.

Sacrorum Viridis (Summer Fir). Trade pkt., 10c; oz., 70c.

Asperula Azurea Setosa. Lavender blue. Trade pkt., 5c; oz., 15c.

Vaughan's ASTER SEED for Florists

We begin this list with Dwarfest kinds and follow with those of increasing height to the Tallest.

Asters must not be planted in freshly manured soil nor in soil that has been planted with Asters for two or three years previous. Unslacked lime or fresh wood ashes are beneficial if stirred in the soil a little before the planting.

DWARF AND SEMI-DWARF SECTION

		Trade pkt.	Oz.
Vaughan's Little Gem. Height 6 inches, flowers pink and white		\$0.25	\$2.00
Vaughan's Fireball. A splendid dwarf Aster		.25	2.00
Vaughan's Snowball. The best dwarf white Aster		.25	2.00

DWARF CHRYSANTHEMUM-FLOWERED

White	Light Blue and White	Crimson	} Crop failed.
White, turning to rose	Fiery Scarlet	Light Blue	
Peachblossom	White, turning to azure-blue	Azure Blue	
Rose		Dark Blue	

DWARF QUEEN

White	Flesh	Brilliant Rose	Pink	
Crimson	Lilac	Dark Blue		
Any of above		1/4 oz., 50c	.25	....
Mixed, all colors			.15	1.60

COMET—Semi-Dwarf

Carmine	Bright Brick Rose	White and Lilac	
Deep Scarlet	White	Pink Bordered White	
Light Blue and White	Bridesmaid, white, turning to lilac rose	Dark Blue	
Dark Rose,		Light Blue	
Any of above		Trade pkt.	Oz.
Mixed, all colors		.15	1.50
		.15	1.00

DAYBREAK

Purity. White	.25	2.00
Pink. Fine for pots	.25	
Salmon Pink	.25	2.00
Rose Pink	.25	2.00

GIANT COMET—Tall

This class is an improvement on the Old Comet strain, having larger flowers, better stems, and one of the finest for Florists' cut flower trade.

Rose	Dark Blue	Queen of Spain, soft yellow turning to flesh	
Crimson	White	Sulphur Yellow	
Lavender	The Bride, white, turning to pink	Salmon Rose	
Light Blue			
Any of above		.20	1.25
Mixed, all colors		.15	1.00

Gipsy Girl. Imp. Type of the Giant Comet. Flowers very large, double and pure white, Mid-season. .25 1.80

EARLY-FLOWERING BRANCHING

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. The flowers of Peony type, are produced on long stiff stems. The colors are clear and distinct.

White	Cinnabar Red	Fiery Scarlet	} Crop failed.
Rose	Silvery Lilac	Brilliant Lilac	
Any of above		Light Blue	
Mixed, all colors			

OSTRICH FEATHER

This is the finest type of Aster for all purposes, especially for market cut flowers. The graceful long petals are thickly produced.

Light Pink	} Crop failed
Malmalson Pink (soft flesh)	
Dark Blue	
Fiery Scarlet	
Rose	
White	
White, turning to rose	
Lavender	
Each of above	
Mixed, all colors	



ASTER—Giant Branching

QUEEN OF THE MARKET

The Standard Early Flowering Type

White	Dark Blue	Azure Blue	
Crimson	Scarlet	Light Blue	
Pink	Flesh		Trade pkt. Oz.
Any of above, per lb.	\$10.00,	1/4 oz., 25c	\$0.10 \$0.80
Mixed, all colors, lb.,	\$8.00		.10 .60

VICTORIA—VAUGHAN'S IMPROVED

A very useful flower either for bedding or cutting; the flowers are large and full; plants of upright and sturdy habit.

Snow White	Bright Scarlet	} Crop failed.
Miss Roosevelt, yellow turning to flesh	Light Blue	
Apple Blossom	Azure Blue	
Bright Pink	Indigo Blue on white ground	
Crimson and White	Dark Blue and White	
Dark Crimson	Dark Blue	
Any of above		
Mixed, all colors, splendid		

SEMPLER'S BRANCHING

White	Rose Pink	Daybreak (Mary Semple)	
Lavender	Crimson	Purple	
Carmine	Azure Blue	Deep Rose	
Any of above lb.,	\$10.00;	1/4 oz., 25c	.10 .80
Mixed, all colors lb.,	\$8.00;	1/4 oz., 20c	.10 .60

OTHER TALL ASTERS

Upright Branching. White	.15	.80
Soleil d'Or (Golden Sun). Best yellow	.25	1.50

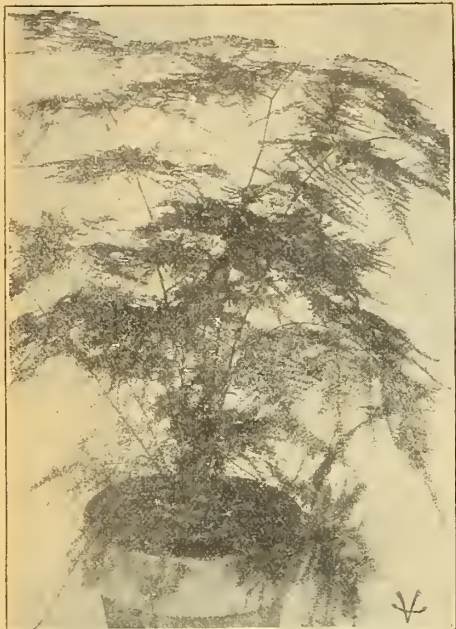
SAFETY FIRST!

The quality of our Aster Seed is known to every Florist of repute from Coast to Coast. We take special care in keeping our stocks true by strict contracts with our growers. Every seed is tested for germination by experts in our own testing department before distributing.

We have many customers who send thousands of miles to us for our Aster Seed alone.

Prices Commensurate with Value.

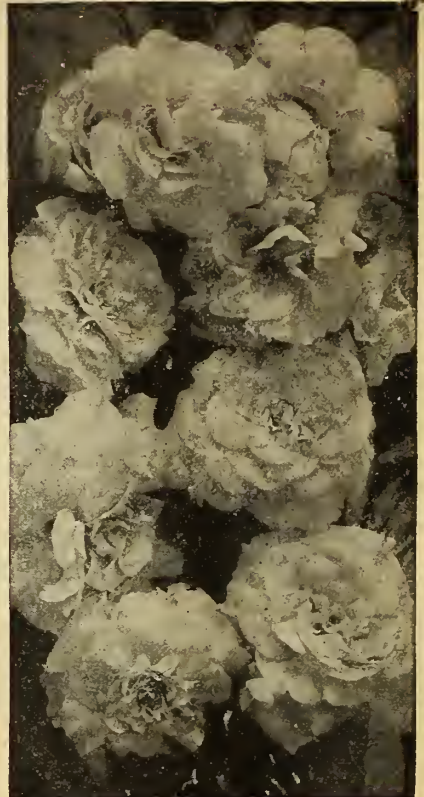
Vaughan's Asters are the Best in America



ASPARAGUS Plumosus Nanus



BEGONIA Gracilis—Prima Donna



BALSAM—Vaughan's Invincible Mixed

ASTER, Tall Section—Continued

CARLSON OR INVINCIBLE

White,	Lavender,	Trade pkt. Marquis Pink.	Oz.
Any of the above.....	.....	1/4 oz. 40c	\$0.25 \$1.50

CREGO

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect.

White	Crimson		
Shell Pink.	Azure Blue.		
Dark Pink.	Purple.		
Lavender.	Mixed.		
Any of the above.....	1/4 oz., 35c	1.25

Hercules, White.....	1/8 oz. 75c	.35
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HOHENZOLLERN

White.	Soft Pink.	Silvery Lilac.	
Bride, White turning to pink.	Crimson.	Light Blue.	
Any of the above.....	.....	.25	1.60
Mixed, all colors.....	.....	.15	1.20
Extra Early White.....	.....	.25	1.80
Extra Early Rose.....	.....	.25	1.80
Quilled German, mixed, all colors.....	.....	.10	-.40

THE MIKADO

Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl on each other in such magnificent disorder as to make the fluffiest aster we have ever seen.

White.....	.15	1.20
Pink Rochester.....	.15	1.20

PAEONY-FLOWERED PERFECTION

Snow White	Gravelotte, blood red.	} Crop Failed
Sunlight, sulphur-yellow.	Light Blue and White.	
Delicate Rose.	Amethyst.	
Surprise, chamois, turning to pink.	Light Blue.	
Pink (La Superbe)	Dark Blue.	
Crimson.	Shining Blue-black.	
Brilliant Scarlet.		

THE KING

The habit is similar to the popular Giant Branching, vigorous in growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large.

Rose.	Pink.	Violet.	White.	Crimson.	
Any of the above.....	.....	.....	.....	.....	1/4 oz, 35c .15 1.25

AMERICAN ASTERMUM

An attractive and descriptive name for a new race of asters which belong to the Comet family. The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form. The seed we offer has been carefully grown, rogued and selected.

Snow White.	Rose Pink.	Dark Lavender.	
Any of the above.....	.....	.....	.25 2.00

ANTIRRHINUMS

STOCK
Four of
Vaughan's
Specials

THE ROYAL

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-shoots from the main stem like other varieties. A medium early.

Purple.....	Trade pkt. \$0.25	Oz. \$1.80
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OTHER AMERICAN VARIETIES

American Beauty.....	Pkt., 20c
Lavender Gem. One of the most charming sorts. The flowers are of a true lavender shade and the petals are gracefully curled and twisted, and the blooms are borne on long stems.....	.25	2.00
Peerless Pink. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink. First flowers appear about the middle of August, but the plant is at its zenith about four weeks later.....	.20	1.40
Crimson Giant. This shade has been one which has seemed to lack intensity of color, but in this variety the blood red blossom is particularly bright.....	.15	1.40
Sensation. Bushy and branching plant about two feet high, flowers double and incurved, and the flower a lively cardinal red.....	.20	1.80

ASTERS IN MIXTURES

Vaughan's Florists' Mixture.....	.15	1.20
White Tall Varieties, Mixed.....	.15	1.00
Vaughan's Excelsior Mixture, Dwarf Asters. It is comprised of the most distinct and desirable colors of the different classes of Dwarf Asters specially selected for this mixture.....	.25	1.60
Vaughan's Excelsior Mixture, Tall Asters. This is a mixture of the most beautiful, striking and distinct colors of the tall growing Asters, selected from the cream of the Victoria, Giant Comet, Hohenzollern, Ostrich Plume, Carlson, Branching and other desirable sorts, includes many kinds separately purchased for this mixture.....	.25	1.60
Elegance, Single White.....	.15	1.20
Rose.....	.15	1.20
Lavender.....	.15	1.20
Dark Blue.....	.15	1.20
Bachelor's Button. Mixed (see also Centaurea).....	lb., \$1.80	.05 .15
Balloon Vine (Cardiospermum Halicacabum).....	.05	.15

BALSAM

Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue, Light Lemon.....	.10	.50
Alba Perfecta. This is the largest and best double white Balsam.....	.10	.60
Atro-sanguinea plenissima. Double blood red.....	.10	.50
The Queen. Salmon pink.....	.10	.60
Prince Bismarck. Salmon rose.....	.10	.60
Double Camellia-flowered. Mixed, all colors. Improved.....	.10	.60
Rose-flowered. Mixed, all colors.....	.10	.40
Dwarf. Mixed, all colors.....	.05	.30
Goliath. White, gigantic size.....	.10	.80
Scarlet.....	.10	.80
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form.....	.15	.75
Balsam Apple (Momordica). Curious climbers.....	.05	.25
Pear.....	.05	.25
Bartonia Aurea. Bright metallic yellow blossoms.....	.05	.30

BEGONIA

	Trade pkt.	Oz.
Rex Hybrids. Saved from a very fine collection	500 seeds	\$0.30
Gracilis Luminosa. Foliage lustrous reddish brown, the flowers are a fiery dark scarlet	$\frac{1}{4}$ oz.	\$1.25 .25
Prima Donna. Large transparent rose flowers, shading to carmine	$\frac{1}{4}$ oz.	\$2.00 .25
Semperflorens Alba. . . . . .		.10 \$1.50
Atropurpurea Vernon. Red-leaved and red-flowered . . . . .		.10 2.00
Berna. Foliage is very dark, flowers are very bright carmine red		.25
Melaine. White with pink edge . . . . .		.35
Eriordia. Rosy carmine flowers, very free flowering	$\frac{1}{2}$ oz.	75c
Gloire de Chatelaine. Silvery pink . . . . .		.50
Single Tuberos Rooted. Finest mixed	$\frac{1}{2}$ oz.	\$1.80 .50
Single Tuberos Rooted. Frilled. . . . . .		.50
Double Tuberos Rooted. Best mixed . . . . .		.25
Hybrida Gigantea Duplex. Double frilled flowers . . . . .		.20
Fl. Pl. Pendula. A drooping tuberous rooted Begonia . . . . .		.25
Bellis, see page 43.		
Bidens Atrosanguinea, (Black Dahlia) . . . . .	.10	.50
Dahlionides. Mixed . . . . .	.25	2.40
Bird of Paradise. (Poinciana Gillesii) . . . . .	.10	.50
Blue Daisy. See Agatheia.		
Brachycome Iberidifolia. (Swan River Daisy). Blue . . . . .	.10	.60
Iberidifolia. White . . . . .	.10	.50
Pink . . . . .	.10	.60
Snow Star, new . . . . .	.15	1.20
Blue Star, new . . . . .	.15	1.20
Briza Maxima. Ornamental grass . . . . .	.05	.15
Browallia Speciosa Major. For indoor or bedding out, 500 seeds . . . . .	.25	
Mixed . . . . .	.10	.50
Byronopsis Laciniosa. Fine annual climber . . . . .	.10	.50
Caecalia (Tassel Flower) Mixed . . . . .	.05	.40
Calampelis Scaber. A splendid climber . . . . .	.10	.50
Calandrinia Grandiflora. Rose . . . . .	.05	.40
Umbellata . . . . .	.10	.60

CALCEOLARIA HYBRIDA

Mixed, extra choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and, we know, will give entire satisfaction.
 Price, trade pkt. (1,000 seeds), 50c; 3 trade pkts. for \$1.35.

Calendula (Pot Marigold) Meteor lb.	\$1.00	.05	.15
Sulphurea Plena. Double sulphur yellow lb.	\$1.00	.05	.15
Prince of Orange. Bright orange lb.	\$1.00	.05	.15
Orange King. Grandiflora, fl. pl. The best inside lb.	\$1.20	.05	.15
Pongei fl. pl. Double white lb.	.80c	.05	.25
Mixed, all colors lb.		.05	.15
California Poppy. See Escholtzia.			
Calla Aethiopicia (White Calla) . . . . .		.10	.40
Calliopsis. Mixed, all colors lb.	\$1.00	.05	.10
Bicolor Nana. Golden Ray . . . . .		.05	.25
Radiata Tigrina. Tiger Star . . . . .		.05	.30
Dwarf Sorts. Mixed . . . . .		.05	.15
Double. Mixed, all colors . . . . .		.05	.15
Golden Wave. A good cut-flower lb.	\$1.50	.05	.15
Hybrida Superba . . . . .		.05	.20
Coronata Maxima. Splendid cut-flower. Pure golden yellow, 2 in. across, on long, wiry stems; hardy and blooms nearly all season . . . . .		.10	.25
Vaughan's Special Mixture . . . . .		.10	.30

Callirhoe Involucrata.
 Trade pkt., 10c; oz., .60c.
Campanula Speculum
 (Venus' Looking Glass) mixed.
 Trade pkt., 5c; oz., 15c.
 For other Campanulas see Perennials.
Canary Bird Flower. Fine climber for shade.
 Trade pkt., 5c; oz., 20c.

CANDYTUFT GIANT HYACINTH FLOWERED



CELOSIA—Pride of Castle Gould

CANDYTUFT

	Trade pkt.	Oz.
Giant Hyacinth-Flowered or Empress. The flower heads are pure white, 6 inches long and about 3 inches across. lb., \$2.40; \$0.05		\$0.25
Giant Hyacinth-Flowered. Extra selected stock lb., \$5.00	.15	.50
Queen of Italy. The plants form dwarf, compact bushes which are covered with very large pink blooms . . . . .	.10	.45
Lilacina. Lilac . . . . .	.05	.25
Dwarf Hybrids. Mixed . . . . .	.10	.50
Snowflake. About 7 inches high, with the finest white flowers . . . . .	.05	.25
White Rocket. lb., 80c	.05	.15
Carmine . . . . .	.05	.25
Crimson . . . . .	.05	.20
Rose Cardinal, new . . . . .	.25	
Mixed Colors. lb., \$1.20	.05	.15

Canna Crozy's. Best mixed lb., \$1.40	.05	.15
Hungaria. Dwarf pink lb., \$3.00	.10	.30
Cardinal Climber. Bright and delicate climber. \$3.00 per 1,000 seeds; 100 seeds, 50c.		

CARNATION

We call special attention to our Carnation Seed, which is raised by specialists.

Perpetual or Chabaud. Extra choice mixed $\frac{1}{4}$ oz., 50c	.25	1.50
Fine double mixed . . . . .	.10	1.00
Mixed, extra choice . . . . .	.20	2.00
Margaret—Red, Rose, Striped, White, Yellow each	.15	1.50
Giant Mixed. An extra choice strain . . . . .	.25	1.50
Giant White. Large and double . . . . .	.25	2.00
Giant Malmaison. Mixed, extra fine . . . . .	.15	1.00

Marie Chabaud. The best yellow $\frac{1}{4}$ oz., 65c .25
Glowing Coal. Intense, brilliant scarlet. $\frac{1}{4}$ oz., 50c .15

Giant of Nice. Blooms in four to five months from sowing. The colors are varied . . . 250 seeds, 50c

American New Varieties. Seeds saved from the best varieties, with large flowers borne on long stems; unsurpassed quality. 100 seeds, 65c; 1,000 seeds, \$5.00.

Vaughan's Special Mixture. A mixture of Giant Margaret, Malmaison, Giant of Nice and Chabaud 500 seeds, 50c

For other varieties of Carnations see Hardy Perennials.

Cardiospermum. See Balloon Vine.

Castor Oil Bean. See Ricinus.



CENTAUREA IMPERIALIS

CELOSIA

	Trade pkt.	Oz.
Cristata (Coxcomb). Tall sorts, mixed	\$.05	\$0.30
Cristata Nana . Dwarf sorts, mixed, extra choice	.25	1.75
Nana , President Thiers. True	.25	2.00
Empress . Extra choice dwarf, crimson	.25	2.40
Aurea . Dwarf, golden yellow	.25	
Rosea . Dwarf, rose-colored combs	.25	
Fire King . The most brilliant of all	.25	
Plumosa . Triumph of the Exposition	.10	.40
Nana Mixed . For pots	.15	
Mixed, feathered varieties	.05	.25
Thompsoni Magnifica Nana , Salmon. Dwarf feathered salmon colored Celosia. Good for pot plants	.25	.60
Thompsoni Magnifica . Makes fine pot plants	.10	
Pride of Castle Gould . A remarkable new strain of the Ostrich plume Celosias	.1/2 oz., \$1.00	.25
Ostrich Plume . Crimson	.10	1.00
Ostrich Plume . Orange	.10	1.00
Spicata . Vivid rose, turning to silvery white	.10	.50
Woolflower (Celosia Childsii). Plants grow about 3 ft. tall and branch freely, each branch bearing at the end a ball of scarlet wool which remain on the plant until frost	.25	

CENTAUREA

Americana . Purple	.10	.50
Alba . White, splendid cut-flower	.25	1.00
Gymnocarpa	.10	.50
Candidissima (Dusty Miller)	.25	2.00
Clementei . Leaves white, makes a fine border around a red-leaved Canna bed	.10	.75
Cyanus (Corn Flower), Emperor William, blue	.05	.20
Fl. pl. , mixed, semi-double	.10	.30
Bachelor's Button , mixed	lb., \$2.00	.05
Pink	.10	.30
Double White	.15	1.00
Double Blue , extra fine	.10	.60
Double Lawson Pink	.15	1.00
Dwarf Victoria , Blue	.10	.30
Margaret . White	.10	.50
Moschata . Mixed Sweet Sultan	.10	.40
Suaveolens . Yellow Sweet Sultan	.10	.40
Imperialis (Sweet Sultan). Mixed, all colors	.10	.50
Alba . Pure white, better than Margaret	.10	.40
Lilacina . Lilac	.10	.60
Favorita . Dark rose	.10	.60
Splendens . Purplish crimson	.10	.60
Rose and White	.10	.60
Vaughan's Special Mixture . Includes most of the above	.10	.60
Centrosema Grandiflora	.10	.60

CHRYSANTHEMUM

Coronarum . Double White	.05	.15
Double Golden Yellow	.05	.15
Double Sulphur Yellow	.05	.15
Double mixed	.05	.15
Pumilum Luteum pl. (Golden Ball)	.10	.60

Chrysanthemum—Continued

	Trade Pkt.	Oz.
Dunnett Album pl. Double white	\$.10	\$0.50
Aureum, pl. Double yellow	.10	.50
The Sultan . Crimson maroon	.05	.30
Carinatum . Eclipse (Chameleon)	.05	.30
Golden Feather	.05	.30
Single mixed	.05	.25
Inodorum Plenissimum . Double white	.10	.40
Bridal Robe . Fine cut-flower	.25	1.00
Segetum Gloria (Morning Star). White	.05	.20
Helios (Evening Star). Yellow	.05	.20
Vaughan's Special Mixture, Double and Single . Annual sorts	.10	.35
Frutescens (Paris Daisy). White	.10	.40
Chinese Double Mixed (Indicum)	1/2 oz., 75c	.25
Japanese Double Mixed (Japonicum)	1/2 oz., \$1.00	.25
Japanese Double Early Flowering		.50

CINERARIA

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest English, French and German strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.
Trade pkt. (500 seeds), 50c; 3 pkts., \$1.40.

Large-Flowering White	500 seeds	.35
Pompadour Blue striped on pink	500 seeds	.50
James' Giant Mixture	500 seeds	.50
Crimson		} Each per trade pkt. (500 seeds) 35c.
Blue		
Blood-Red		
Flesh		
Stella . Varieties with waved and twisted petals		
Matador . Brilliant scarlet. Trade pkt	500 seeds	.50
Old Rose . Pink to rich coppery red	500 seeds	.50
Gigantea . Dark Red Shades with White	150 seeds	.30
Dark Blue Shades with White	150 seeds	.30
Hybrida . Fine large-flowering mixed	500 seeds	.25
Grandiflora, Semi-Dwarf . Mixed		.35
New Miniature	500 seeds	.50
Star Cineraria (Cineraria Hybrida Stellata). Fine, small flowering varieties, for cutting and decorative purposes		.50
Maritima Candidissima , for bedding		.10
Diamond . Leaves pure white		.10

Clarkia Elegans . Double mixed	.05	.30
Appleblossom . Double	.10	
Delicate Pink	.10	.60
Scarlet Queen . Double brilliant scarlet	.10	.80
Brilliant . Double crimson scarlet	.10	.60
Salmon Queen . Double salmon orange scarlet	.10	.60
White Prince	.10	.60
Pulchella . Single mixed	.05	.20
Cleome Pungens (Giant Spider Plant), true stock	.05	.25
Clianthus Dampieri (Glory Pea of Australia)	1/4 oz., 65c	.20
Cobaea Scandens . Purple	lb., \$4.00	.10
Scandens Flore Albo . White		.10
Coccinea Indica . Fine climber		.10
Cockscomb . See Celosia Cristata		
Coix Lachrymae , Job's Tears	lb., 60c	.05
Coleus, Vaughan's Rainbow Mixture	1/32 oz., 75c	.25
Fine Mixed		.15
Extra Choice Mixed . Large leaved	1-16 oz., \$1.00	.25
Large-leaved Copper-colored		.25
Laciniated and Fringed		.25
Collinsia . Mixed, all colors		.05
Columbine . See Aquilegia		
Commelina Sellowiana . Of the finest blue	.25	
Coelestis . Blue	.05	.25
Convulvulus . Tricolor mixed, Dwarf Morning Glory	.05	.10
Minor Monstrosus . Beautiful blue with white throat	.05	.15
Rose Queen	.05	.15
Mauritanicus . For hanging baskets	.10	.50
Major (Morning Glory). Single Mixed	lb., 50c	.05
Double Mixed		.05
Cosmidium Burridgeanum , Orange Crown. Golden yellow with a broad circle of a rich orange around the disc	.10	.40
Cordylina . See Dracaena		

COSMOS

Giant-flowered . White	.05	.20
Pink	.05	.20
Crimson	.05	.20
Mixed, all colors	.05	.15
Pink Lady Lenox	.05	.20
White Lady Lenox	.05	.20
Early-Flowering		
White	.10	.25
Crimson	.10	.25
Pink	.10	.25
Mixed, all colors	.10	.25
Early-Flowering Mammoth		
White	.10	.40
Pink	.10	.40
Crimson	.10	.40
Double Pink	.10	1.20
Double White	.10	1.20
Klondyke . Yellow	.10	.60
Marguerite . Fringed flowers	.10	.40
Striped	.05	.30
Cuphea Platycentra (Cigar plant)	1-16 oz., 65c	.15
Purpurea		.10



HELIOTROPE—Mammoth Flowered



HELICHRYSUM (Straw Flower)



IPOMOEA—Moonflower

FREESIA SEED

	Trade pkt.	Oz.
Refracta Alba. Seedlings bloom the first year.	\$0.05	\$0.25
Raglioneri Hybrids. The new colored Freesias.	.15	.80
Fuchsia. Double and single mixed. 1,000 seeds, \$3.00; 200 seeds, 70c		
Double mixed. 1,000 seeds, 3.25; 200 seeds, 90c		
Single mixed. 1,000 seeds, 3.00; 200 seeds, 70c		
Fuchsias will bloom from seed the first year.		
Gaillardia Lorenziana. Double mixed.	.10	.30
Picta. Single mixed.	.10	.30
Amblyodon. Fine red.	.10	.30
Gaura Lindheimeri. White. Fine for large groups.	.05	.20
Cazania Hybrida. Mixed. 100 seeds, 60c		
Splendens Grandiflora. For borders. 100 seeds, 75c		
Lengiscapa, 6 to 8 in. in height, well covered with long stemmed flowers 2 1/4 in. in diameter. The color of the flower is a lovely golden yellow, at the base of the ray florets, close to the yellow disk, there is a brown zone with silvery white spots which is surrounded by a blackish brown ring.		
Geranium. Apple scented. 100 seeds, 35c		
Zonale. Single, fine mixed.	.10	1.00
Double mixed. 1,000 seeds, \$4.00; 100 seeds, 50c		
Single, extra large-flowering, mixed, extra choice.	.25	2.00
Lady Washington. 100 seeds, \$1.25		
Gerbera Jamesoni Hybrids. 1,000 seeds, \$6.00; 100 seeds, 75c		
Jamesoni. 1,000 seeds, \$5.00; 100 seeds, 60c		
Gilia. Mixed.	.05	.15
Gadiolus. Primulinus Hybrids.	.25	2.00
Glandensis and Childsi.	.15	.80
Pracox.	.20	1.20
Glacium Luteum (Horn Poppy).	.05	.15
Globe Amaranth (Gomphrena). Mixed, white and red.	.05	.20

GLOXINIA HYBRIDA

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Pkt. (1,000 seeds), 50c; 3 pkts. for \$1.25

	Trade pkt.	Oz.
Godetia. Mixed, many sorts.	.05	.20
New Dwarf Hybrids. Mixed.	.05	.25
The Bride. White and crimson.	.10	.50
Duchess of Albany. Satiny white.	.10	.50
Gloriosa. Glowing dark red.	.10	.50
Rosamunde. Bright carmine.	.10	.50
Lady Satin Rose.	.10	.50
Gomphrena. See Globe Amaranth.		
Gourd, small sorts, mixed.	.05	.15
Mixed, all sorts.	lb., \$1.25	.05
Grasses, Ornamental varieties, mixed.	.05	.20
Crevillea Robusta (Silk Oak).	.10	.60
Cypssophila Muralis, dwarf pink.	.10	.50
Elegans (Angel's Breath) white.	lb. \$0.50	.05
Rosea.	lb. .80	.05
Grandiflora Alba. fine for cutting.	lb. .80	.05
Carminea, new carmine.	.05	.15
Helenium Tenuifolium.	.10	.40
Helianthus. See Sunflower.		
Helichrysum Monstrosum fl. pl., double mixed.	.10	.40
Silver Ball. Golden Ball. Salmon Queen.		
Fireball. Rose Queen. Violet Queen.		
Each of the above.	.10	.75
Vaughan's Special Mixture.	.10	.60
Heliotrope, finest mixed.	1/4 oz., 25c	1.00
Mammoth Flowered, mixed.	.25	1.50
Centifleur, rich purple.	.25	.25
Giant Fire Queen.	.25	.25
King of the Blacks.	.15	.15
Lemoine's Giant White.	.15	.15
Heliotropes will bloom from seed in four months.		
Helipterum Sandfordii.	.10	.40

	Trade pkt.	Oz.
Humulus Japonicus (Japanese Hop), green leaved.	\$0.05	\$0.25
Japonicus fol. variegata.	.05	.30
Hunnemannia Fumariaefolia (Bush Escholtzia).	.10	.35
Hyacinth Bean. See Dolichos.		
Iberis. See Candytuft.		
Ice Plant (Mesembryanthemum Crystallinum).	.05	.20
Impatiens Sultani, brilliant carmine.	.500 seeds	.25
Holstii, very fine.	.500 seeds	.25
New Hybrids, extra choice.	.500 seeds	.25
These Impatiens will make splendid pot plants for Christmas.		
Ionopsisidum Acaule (Diamond Flower).	.15	.15
Ipomoea Noctiflora (Moonflower), white seeded.	lb., \$4.50	.10
Noctiflora, black seeded.	lb., 3.50	.10
Hybrid Moonflower, Early Blooming.	lb., 4.50	.10
Giant Pink (Northern Light).	.10	.40
Leart, dark blue, splendid.	.25	1.25
Bona Nox, large blue flowers.	lb., \$1.40	.05
Setosa (Brazilian Morning Glory).	.10	.30
Rubra-coerulea or Heavenly Blue.	.10	.50
Early Flowering Blue.	.15	1.00
Imperialis (Japanese Morning Glory).	lb., \$1.00	.05
Japanese, fancy fringed, extra.	lb., 2.00	.05
Coccinea, scarlet, very free.	.05	.15
Ipomopsis Elegans Mixed.	.10	.10
Job's Tears (Coix Lachrymae).	lb., .50	.05
Kochia Trichophylla (Summer Cypress).	lb., .75	.05
Lantana Hybrida, mixed.	.10	.30
Bruant's New Dwarf Hybrids, mixed.	.10	.40
Larkspur, Emperor, extra choice mixed.	.05	.15
Double Dwarf Rocket, best mixed.	.05	.15
Tall Rocket, best mixed.	.05	.15
Giant Hyacinth-Flowered, mixed.	.05	.15
Stock-Flowered, Newport Pink.	.10	.60
Flesh		
Lilac	White	Dark Blue
Each of the above.	.10	.40
See also Delphinium.		
Lavatera Arborea Variegata.	.10	.80
Rosea Splendens.	.10	.80
Alba Splendens.	.10	.60
Trimestris Grandiflora Rosea.	.10	.10
Layia Elegans.	.10	.75
Leptosyne Maritima.	.10	.10
Stillmani.	.10	.10
Lemon Verbena (Aloysia Citriodora).	1/4 oz., 50c	.15
Linum Grandiflorum Rubrum (Scarlet Flax).	lb., \$1.00	.05

LOBELIA

Erinus Crystal Palace Compacta, true.	1/8 oz., 25c	.15	1.25
Speciosa, dark flowers and foliage, true.	.10	.70	
Emperor William, dwarf, choice strain.	1/8 oz., 25c	.10	.10
White Lady, dwarf.	.10	1.00	
Pumila Splendens, Bedding Queen. The plant is very dwarf and compact, forming handsome little bushes which are entirely covered with large flowers of deepest purple, contrasting with the pure white eye 1/8 oz., 25c.	.15	1.50	
White.	.05	.60	
Gracilis, blue.	.05	.40	
Mixed.	.05	.40	
Hamburgia, good for hanging baskets, etc.	1/8 oz., 40c	.25	
Hybrida, Sapphire, new, best for hanging basket.	1-16 oz. \$1.00	.25	
Heterophylla Major, clear blue, good bedding sort.	.15	.15	
Lophospermum Scandens, rose.	.20	1.40	
Lupinus, Annual sorts mixed, tall.	.05	.15	
Annual Sorts Mixed, dwarf.	.05	.25	
Hybridus Roseus, annual pink.	lb. \$3.00	.05	.30
Atro-coecineus.	.05	.25	
Hartwegi, Blue.	.05	.25	
Alba.	.05	.25	
Malope Grandiflora Rosea.	.05	.15	
Grandiflora Alba.	.05	.25	

MARIGOLD

	Trade pkt.	Oz.
Double, Tall African, mixed	\$.05	\$0.20
Double, Dwarf African, mixed (Pride of the Garden)	.05	.25
Tall African, Lemon Queen	.05	.35
Tall African, Orange Queen	.05	.35
Eldorado, a fine strain	.05	.30
French mixed, Tall	.05	.25
Dwarf French, Gold Striped	.05	.30
Dwarf French, Aurora	.05	.40
Dwarf French, Electric Light	.05	.40
Dwarf French, mixed	.05	.20
Single, Legion of Honor	.05	.25
Golden Star	.10	
Silver King	.05	.25
Signata Pumila	.10	.40
Golden Lilliput	.05	
Vaughan's Special Mixture, Tall Sorts	.10	.40
Vaughan's Special Mixture, Dwarf Sorts	.10	.40

Marvel of Peru. See Four O'Clock		
Mathiola Bicornis (Evening Scented Stock)	.05	.25
Maurandia, mixed	.15	1.25
Barclayana, blue	.15	
Alba	.15	
Purpurea Grandiflora	.15	
Melothria Punctata, splendid annual climber	.10	1.00

MIGNONETTE

Grandiflora, large flowering	lb., 70c	.05	.10
Bismarck, an improvement on Machet		.10	.60
Defiance		.10	.40
Golden Queen, yellow		.10	.40
Golden Machet		.10	.50
White Pearl, Machet type		.15	1.00
Miles' Spiral		.05	.20
Gabriele, splendid for out-doors		.10	.40
Giant Pyramidal		.05	.25
Red Goliath, fine		.10	.80
Giant White Spiral		.05	.15
Mixed, all sorts	lb., \$1.00	.05	.15

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment.
 Packet (1,000 seeds), 50c; oz., \$7.00; 1/2 oz., \$1.00.
 Vaughan's Selected Machet—See below.

	Trade pkt.	Oz.
Mimosa Pudica, (Sensitive Plant)	\$.10	\$.50
Mimulus Moschatus, (Musk Plant)	.15	
Trigynus, mixed	.10	1.20
Fl. Pl., (Double Monkey Flower)	.15	1.50
New Large Flowering, single	.25	1.75
Mina Lobata	.10	.80
Sanguinea, one of our best annual climbers	.05	.20
Mirabilis. See Four O'Clock		
Moon Flower. See Ipomoea		
Morning Glory. See Convolvulus and Ipomoea		
Musa Ensete, per 100 seeds, 80c; 1,000 seeds, \$6.50.		
Myosotis. See Forget-Me-Not.		

NASTURTIUM — TALL SORTS
Tropaeolum Majus

Any of the following per oz. 5c, except where noted

	1/4 lb.	Lb.
Chameleon, a splendid mixture, produces different colored flowers on the same plant	oz., 10c	\$0.20
Coccineum, bright scarlet	.15	.60

MIGNONETTE — True Machet, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Finest in every way for florists' use and for pots. Trade Pkt., 10c; 1/2-oz., 40c; oz., 75c



VAUGHAN'S MACHET MIGNONETTE

SMALL ORDERS—WE LIKE THEM
 Thousands of seed planters think that a 10 to 50 cent seed order is too small to send. It's not. We are glad to have your order, no matter how small, and the better results produced make it worth while for you to send to VAUGHAN'S.



LUPINUS—Hybridus Roseus

TALL NASTURTIUM—Continued

	1/4 lb.	Lb.
Dunnett's Orange, bright orange, also called Sunlight	\$.15	\$0.60
Edward Otto, brownish lilac	.15	.60
Fordhook Fashion, terra cotta on yellow ground	.20	.70
Golden Cloth, scarlet flowers, yellow foliage	.15	.60
Heinemanni, chocolate color	.15	.60
Hemisphericum, orange, very handsome	.15	.60
Jupiter, best and largest yellow	.20	.70
King Theodore, rich deep red, dark foliage	.15	.60
Luteum, yellow	.15	.55
Pearl, whitish, also called Moonlight	.15	.60
Prince Henry, light yellow, marbled scarlet	.15	.60
Regelianum, rich crimson, one of the best	.15	.60
Scheuermani, straw-color, spotted	.15	.60
Coccineum, scarlet striped	.15	.60
Shillingi, bright yellow, maroon blotches	.15	.55
Twilight	.20	.70
Vesuvius, the most gorgeous fiery rose imaginable	.20	.60
Von Moltke, bluish rose	.15	.60
Tall Sorts in Finest Mixture	10 lbs., \$4.20	.15
Vaughan's Special Mixture of Tall Nasturtiums	oz., 10c	.25
Madam Gunther's Hybrids, true. Extra choice strain	.20	.70

DWARF SORTS—Tropaeolum, Tom Thumb

Aurora, deep chrome-yellow blotched carmine	.20	.70
Beauty, scarlet splashed canary	.20	.70
Chameleon, mixed	.20	.70
Cloth of Gold, flowers scarlet, foliage yellow	.20	.75
Coccineum, bright scarlet	.20	.70
Crystal Palace Gem, sulphur spotted maroon	.20	.65
David Burpee, velvety dark scarlet flowers and emerald green foliage	oz., 10c	.40
Empress of India, deep crimson, dark-leaved	.20	.75
Golden King, rich color	.20	.75
King of Tom Thumbs, scarlet, dark-leaved	.20	.80
King Theodore, rich red, dark bluish foliage	.20	.75
Pearl, whitish	.20	.70
Prince Henry, light yellow, marbled with scarlet	.20	.70
Queen of Tom Thumbs, crimson flowers, variegated foliage	oz., 10c	.30
Regelianum, purplish violet	.20	.70
Ruby King, a peculiar, blue-tinted red	.20	.70
Spotted King, a handsome sort	.20	.70
Vesuvius, rich, fiery rose	.20	.75
Yellow (Luteum)	.20	.60
Spencer Varieties Mixed	oz., 10c	.40
Dwarf Nasturtiums, mixed, all colors	10 lbs., \$5.50	.10
Vaughan's Special Mixture of Dwarf Nasturtiums	oz., 10c	.25
Lilliput, flowers small, rich colors	.20	.70

Tropaeolum Lobbianum

Asa Gray, yellowish white	.15	.50
Black Prince. Velvety black flowers	.20	.60
Giant of Battles, sulphur with red	.15	.60
Brilliant, dark scarlet	.15	.60
Cardinal, dark scarlet	.15	.60
Golden Queen, yellow	.15	.60
Ivy-leaved, Scarlet	oz., 10c	.35
Lucifer, very dark scarlet	.20	.60
Napoleon III, golden, spotted with brown	.15	.60
King of Blacks, black-brown	.20	.60
Firefly, dark orange, spotted and flamed blood-red	.15	.60



PETUNIA—Triumph of the Giants

Tropaeolum Lobbianum—Continued

	1/4 Lb.	Lb.
Princess Victoria Louise. Pale yellow, spotted blood-red	\$.20	\$0.60
Primrose. Creamy white and brown	.20	.60
Queen Wilhelmina. White variegated foliage	.25	1.00
Virchow. Ruby red, very fine	.25	.60
Princess Juliana. Dark ivy leaved foliage, flowers golden orange with velvety red brown spot	.50	2.00
Queen Alexandra. Flowers blood red, marbled and mottled	.25	.85
Queen Emma. Flowers deep crimson scarlet	.20	.80
Queen of the Morning. Flowers superb aurora colored	.25	.80
Queen of Spain. Golden yellow spotted brown	.25	.85
Queen Type. Mixed	.20	.80
Mixed, all colors	.15	.50

	Trade pkt.	Oz.
Nemophila (Grove Flower) mixed	\$.05	\$0.15
Insignis. Blue	.05	.15
Nicotiana Affinis. Large, white, very fragrant	.05	.20
Affinis Hybrids	.10	.40
Sylvestris. Very beautiful, sweet, ure white	.05	.20
Sanderae	.10	.40
New Hybrids, mixed	.10	.40
Nierembergia Gracilis. Light blue, dwarf	.10	.90
Nigella. Mixed	.05	.15
Hispanica. Blue	.05	.15
Alba	.05	.15
Miss Jekyll. Blue, fine cut-flower	.05	.20
Nolana. Mixed	.05	.15
Nycteria Capensis. White, very sweet	.10	.80
Oenothera (Evening Primrose). Mixed	.05	.15
Rosea, (Mexican Primrose)	.10	.60
Acaulis Alba. Large, white, dwarf	.10	.80
Bistorta Veitchii. Flowers yellow, spotted crimson	.05	.30
Lamarckiana. Bright yellow	.05	.20
Ornamental Grasses, mixed	.05	.15
Ornamental Grasses, see Agrostis Nebulosa, Briza Maxima, Coix Lachrymae, Pennisetum Longistylum, Pennisetum Ruppelianum, in the annuals, and Arundo Donax, Erianthus Ravennae, Eulalia Japonica Zebrina, Eulalia Japonica Variegata, Gynerium Argenteum and Stipa Pinnata in the perennials.		
Oxalis Tropaeoloides. Dark yellow, brown foliage	.15	1.00
Rosea. Very fine	.25	.25
Alba. White	.25	.25
Valdiviana. Yellow, sweet	.10	.50
Papaver. See Poppy		
Passiflora Grandiflora (Passion Flower), blue	.25	1.00
Gracilis. Ornamental fruits	.10	.75
Incarnata	.10	.30
Pennisetum Ruppelianum. (Purple Feather Grass)	.10	.30
Longistylum	.10	.30
Pentstemon Hartwegi. Newest, large flowering hybrids	.25	1.80

PETUNIA

Small Single Flowered Sorts

	Trade pkt.	Oz.
Hybrida. Good mixed	\$.10	\$0.60
Hybrida. Finest mixed (part from named sorts)	.10	.80
Hybrida Alba. White	.10	1.00
Blotched and Striped (Inimitable)	.10	.80
Carmen Sylva. Baby blue, with white throat	.15	1.20
Dwarf Inimitable. Blotched and striped	.25	1.50
Editha. A pleasing rose with dark carmine star, veined carmine	.25	
Snowball. Dwarf white	1/2 oz. 35c	.10
General Dodds. Blood-red	.15	1.00
Norma. Blue with white star. Dwarf	.15	
Countess of Ellesmere. Pink with white throat	.10	.60
Venosa. Light red, veined	.10	1.00
Illustris. Carmine rose	.10	.60
Howard's Star. One of the best for hanging baskets	.25	2.40
Rosy Morn	1/2 oz. 30c	.15
Vaughan's Special Dwarf. Mixed, small flowering	.25	3.00

Large Single Flowered Sorts

We call particular attention to our large flowering strains of these which are unsurpassed for size, shape and variety of color.

	Trade pkt.
Large-Flowering, finest mixed	1/4 oz., \$1.60
Fringed, mixed, extra choice	1/4 oz., 1.80
Giants of California, true	1/4 oz., 2.00
Pink	.25
White	.25
Ruffled Giants, mixed	1/2 oz., \$2.00; 1,000 seeds
Triumph of the Giants. The finest strain of single Petunias; the flowers often measure 6 inches across; some of its colors cannot be found in any other mixture.	1,000 seeds .50
German Empress. Bluish white, veined purple	.50
King Edward. Deep blood-red with white center	.50
Balcony Queen. Rich velvety violet with white blotches	.50
Karlsruher Rathaus. Very large flowers, deep violet blue	.25
Victoria. The flowers are of extraordinary size, nicely fringed, white, and brilliant crimson shaded. The throat, widely opened, shows a magnificent net-work on a broad golden-yellow ground	.25
Fimbriata Nana Mixed. Dwarf large flowering fringed	.30
Vaughan's Best Mixture. Large-Flowering Single Petunias. This mixture is made up by ourselves and includes all the best sorts and colors of the Large-Flowering and Fringed sorts, and the unsurpassed Superbissima varieties with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no Petunia Mixture can produce flowers with as wide a range of colors as our Vaughan's Best.	Trade pkt. (1,000 seeds), 50c; 3 pkts. for \$1.35... 1/2 oz. \$2.00

Large Double-Flowered Sorts

Please note that the smallest and weakest of seedlings of Petunias usually produce the best double flowers. The same is true of the single-flowering sorts, the strong seedlings being inclined to be weedy.

Double large-flowering. Mixed, extra choice. 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1/4 oz., \$3.00.
Double large-flowering. Fringed. Best mixed. 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1/4 oz., \$3.00.
Lady of the Lake, Double-fringed. Pure white. 1,000 seeds, \$1.40; 500 seeds, 75c.
Double-Fringed Perfection. 10,000 seeds, \$12.00; 1,000 for \$1.50; 500 80c.
Double-Fringed Pink. 500 seeds, \$1.00.
Double Liliput. Rose, 1,000 seeds, 50c.
Double Liliput. Blotched and striped, 1,000 seeds, 50c.
Vaughan's Special Mixture Double. Extra choice. 1,000 seeds, \$1.50; 500 seeds, 80c; 1/4 oz., \$4.00.

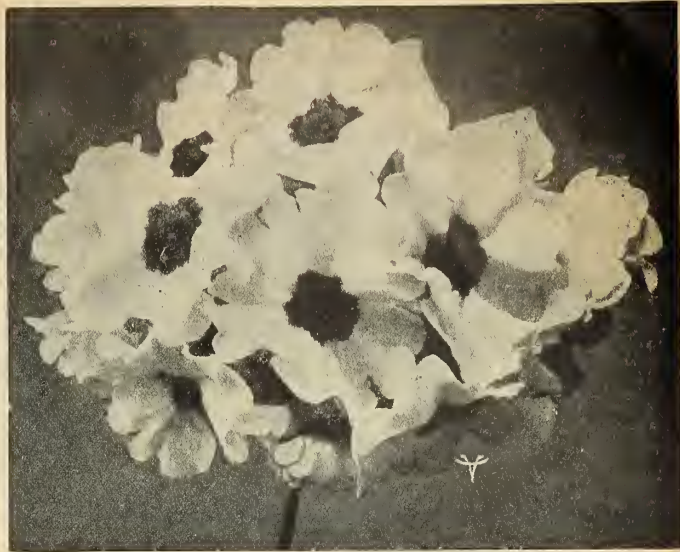
Pepper, Vaughan's Christmas. Trade pkt., 15c.
Perilla Nankinensis. Trade pkt., 5c; oz., 15c.
Phacelia Tenacetifolia. Blue. Trade pkt., 5c; oz., 15c.
Pheasant's Eye Pink. See Dianthus Plumarius.

PHLOX DRUMMONDI GRANDIFLORA

	Trade pkt.	Oz.
White.		Brilliant rose, darkeye.
Pink.		Yellow.
Scarlet.		Flesh, oz. \$1.50.
Kermesina Splendens.		Chamois Rosa Alba Oculata.
Crimson, White Eye.		Orbicularis Atro-rosea.
Skyblue Striped White.		Orbicularis Purpurea.
Scarlet Striped.		Orbicularis Violacea.
Atro-purpurea (Alba Oculata).		
Each of above, except as noted, trade pkt., 10c; 1/4 oz., 30c; oz., \$1.00.		
Rosea Aurea Stellata (Gold Star)	\$.20	
Best Large-flowering. Mixed	.10	\$0.80
Drummondii. Fine mixed	.10	.70
Star of Quedlinburg (Star Phlox). Mixed	.10	.80
Nana Compacta (Dwarf). Snowball. White	.25	2.00
Fireball	.25	2.00
Cerulea Stellata. A most beautiful sky-blue with white eye	.25	2.40
Cecily. Mixed, best large-flowering Dwarf Phlox	.20	1.40
Crimson white eye	.25	
Rose with white eye	.25	
Mixed	.20	1.80
Hortensia-flowered. Mixed, extra choice	.10	.80
Vaughan's Special Mixture. Includes all the varieties listed and others, (Excepting the Nana Compacta Sorts)	.20	1.40



TYPE OF INTERNATIONAL PRIMULA



PRIMULA OBCONICA GRANDIFLORA MAGNIFICA

PRIMULA—Chinese Giant

The finest strain from the very best sources in England.

Trade pkt. of any of the following, 500 seeds, each 50c. 3 for \$1.40.

- Covent Garden White.
 - True Blue. The best blue Primula
 - Chiswick Red. Improved Red.
 - Queen Alexandra. The largest Giant White.
 - Giant Pink. Extremely large petals of great substance.
 - Giant Salmon. Massive heads of flowers of great substance.
 - King George. Beautifully fringed crimson.
 - Crimson King. Deep, rich, crimson, with dark brown eye.
 - Ruby Queen. Fiery, intense scarlet, with bright yellow eye.
 - Delicata. A beautiful soft pink color.
 - Orange King. Orange color in the bud, orange-salmon shade around the edge of terra-cotta petals.
 - Queen Mary. Rose pink.
 - Giant Mixed. Includes this year a number of new shades.
- Vaughan's International Mixture.** This mixture is composed of the most salable colors of single flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. We have taken special pains to make this mixture as complete as possible, and unreservedly recommend it to everyone. Pkt. of 500 seeds, 50c; 3 for \$1.40; per 1/4 oz., \$3.50.

POPPY—Papaver

	Trade pkt.	Oz.
Glaucum (Tulip Poppy). Deep scarlet flowers.....	\$0.10	\$0.35
King Edward. Single crimson, black spot.....	.05	.30
Laevigatum. Persian or Firedragon.....	.05	.20
Mephisto. Deep scarlet with blackish violet spots.....	.05	.15
Murselli, fl. pl. Mikado. White, crimson striped.....	.05	.15
Paeoniflorum, fl. pl. Double. White.....	.05	.25
Yellow.....	.05	.25
Pink.....	.05	.25
Scarlet.....	.05	.25
Mixed.....	lb., 80c	.15
American Flag. White with scarlet.....	.05	.15
Rhoeas, fl. pl. Double French mixed.....	.05	.15
Shirley, Shades of pink rose and mixed.....	.05	.15
Santa Rosa, improved Shirley.....	.05	.15
Somniferum, fl. pl. Double Carnation-flowered, mixed.....	lb., 80c	.05
Nanum, fl. pl. Cardinale. Scarlet.....	.05	.15
Fl. Pl. White Swan.....	.05	.15
Hansa. Pure white ground color, passing towards the finely slit edge to a deep crimson.....	.05	.15
Umbrosium. Bright vermilion with black spots.....	.05	.15
Single Poppies. Many sorts, mixed.....	lb., 80c	.05
Double Poppies. Many sorts and colors, mixed.....	lb., 80c	.05
Vaughan's Special Mixture. Single Poppies.....	.10	.25
Vaughan's Special Mixture. Double Poppies.....	.10	.25
Vaughan's Special Mixture. Double and Single.....	.10	.25

PRIMULA—Various Sorts

	Trade pkt
Forbesii. The Baby Primrose.....	1/4 oz., 50c \$0.25
Rubra.....	.25
Kewensis. Large yellow flowers.....	1,000 seeds, 50c ..
Malacoides. An improved Forbesii.....	1/4 oz., 60c .25
Alba.....	.25
Rosea.....	.50

PRIMULA OBCONICA

On account of prevailing conditions in Europe, we are not in position to supply this season that superior strain of Primula Obconica which has given such universal satisfaction. What we offer below has been secured from a very reliable French grower and is, we believe, as good Primula Obconica seed as can be obtained this year. This stock will not reach us until about February 20th (excepting those preceded by an X which are ready now).

If we should succeed in getting some of the extra fancy stock (we are making efforts to that effect) we shall advertise it in the trade papers when the stock is received.

PORTULACA

Single, White, Rose, Golden, Scarlet.....	.10	.40
Large-flowering sorts, mixed.....	.10	.40
Parana. Large-flowering, rosy carmine.....	.10	.75
Double large-flowering sorts, finest mixed.....	.25	2.00
White, Pink, Scarlet, Yellow, each.....	1/2 oz. 50c.	.25

"VAUGHAN'S SPECIAL MIXTURES"

Means the Best in Existence.

All of "Vaughan's Special Mixtures" are made up by ourselves from separate colors and specially fine strains, combined in desirable proportions. We spare no trouble or expense to secure for them the newest and choicest sorts, the widest possible range of shade and color. "Vaughan's Special Mixtures" are full of life. We pride ourselves upon them, and our customers may depend upon it that any mixture listed as "Vaughan's Special Mixture" is the best of its kind in existence.



	Trade pkt.	Oz.
xGrandiflora. Mixed.....	1/2 oz., \$1.00; 1,000 seeds	\$0.50
Bright Rose.....	1/2 oz., \$1.25; 1,000 seeds	.50
Kermesina.....	1/2 oz., \$1.25; 1,000 seeds	.50
White.....	1/4 oz., 75c 600 seeds	.50
xFire Queen.....	500 seeds	.50
xCoerulea.....	600 seeds	.50
xCrispa Rosea.....	1/2 oz., 85c 500 seeds	.50
Apple-blossom.....	1/2 oz., \$1.00; 500 seeds	.50
xGigantea Rosea. Mixed.....	1/2 oz., \$1.50; 600 seeds	.50

Pyrethrum Parthenifolium Aureum (Golden Feather).....	.10	.30
Selaginoides.....	.10	.40
Rhodanthe. Mixed.....	.10	.40
Manglesi. Rose.....	.10	.50
Maculata. Alba.....	.10	.50

VAUGHAN'S GIANT PANSIES

NEW
Early-Flowering
Giant Pansies

THE new strain produces its giant flowers about four weeks earlier than other known types. In the early part of March last year, when the old type pansies hardly showed any buds the plants of the new strain bore from three to five of their giant flowers.

Early Flowering Giant White, Yellow, Light Blue, Dark Blue and Mixed.
 Trade Pkt., (500 seeds) 50c.

VAUGHAN'S INTERNATIONAL PANSIES

VAUGHAN'S International Pansy Mixture was first offered by us in 1889. We import from all the best European sources, and personally inspect the fields of French and German specialists. Each year has added to the quality of its flowers and variety of its colors. We buy every year, novelties of known merit to improve the mixture; it is always complete, always the latest and always the best mixture. We add to all Pansy Mixtures which we now buy more than fifty per cent of the choicest named kinds obtainable, each in correct proportion. This is one of the Specialties that has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully.

Trade Pkt., 50c; 1/2 oz., \$1.50; 1/4 oz., \$5.00; oz., \$10.00.

VAUGHAN'S GIANT PANSY MIXTURE

EMBRACES, besides all the separate shades and colors, five special strains not listed elsewhere, and which can only be had in this and our International Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau and the splendid Cassier strain.

Trade Pkt., 25c; 1/2 oz., 60c; oz., \$4.00; 1/4 lb., \$14.00.

VAUGHAN'S CUT FLOWER MIXTURE

THIS mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of the flowers. Pansies are as easily grown as violas, require less care and bring better results.

Trade pkt., 25c; 1/2 oz., 85c; oz., \$5.00.

PRINCESS PANSIES

OF the Cassier and Masterpiece type, habit remarkably erect, which is its distinguishing characteristic. Extensive range of colors with yellow predominating.

Trade pkt., 25c; 1/2 oz., 75c.

IMPROVED GERMAN MIXTURE

THIS is a mixture of three strains from different German growers and is made up mostly of separate colors, with a sufficiently large percentage of white and yellow. Trade pkt., 10c; 1/2 oz., 20c; 1/4 oz., 35c; oz., \$1.25.

	Trade pkt.	1/2 oz.	oz.
Adonis, light blue with a white center.....	\$0.10	\$0.25	\$1.80
Andromeda, delicate apple-blossom.....	.15	.35	2.40
Atrou-sanguinea, blood red.....	.15		
Aureola, carmine, white stripe.....	.25	.65	5.00
Auricula Colors, metallic shades.....	.10	.25	1.60
Aurora, pure white without blotches.....	.10	.25	1.60
Black, large true black.....	.10	.25	1.60
Beaconsfield, upper petal light lavender; lower ones deep rich purple.....	.10	.25	1.50
Boulogne, Giant mostly 3 and 5 blotched, delicately veined; colors rich and varied.....	.50	2.00	
Bridesmaid, rosy white, dark blotches.....	.15	.35	2.40
Bugnot, shades of red, bronze and reddish cardinal....	.15	.50	3.40
Cardinal, brightest red.....	.15	.35	2.40
Cassier, 3 and 5 spotted, an A1 strain.....	.15	.35	2.40
Comet, porcelain white with fine blue stripes on lower petals.....	.15	.30	2.00
Diana, same color as Marechal Niel rose.....	.10	.25	1.60
Emperor Francis Joseph, pure white with a large blotch of brilliant violet blue on each petal.....	.20	.50	
Emperor William, dark navy blue.....	.10	.25	1.40
Eros, deep velvety brown, edged golden.....	.10	.25	1.60
Fiery Faces, very rich scarlet, with a gold edge and yellow center.....	.10	.25	1.60
Freya, deep purple violet, with white margin.....	.10	.25	1.60
Golden Queen, clear golden-yellow.....	.10	.30	2.00
Indigo King, indigo blue.....	.10	.25	1.40
Mad Perret, lovely shades of pink and rose.....	.10	.25	1.60
Masterpiece—Giant Curled or Spencer. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The colors are superb, mostly red and brown shades....	.25	.75	5.00
Mauve Queen, a most pleasing mauve.....	.10	.25	1.80

	Trade pkt.	1/2 oz.	oz.
Minerva, bright red ground color, each petal marked with a large violet blotch.....	\$0.50		
Orchid-Flowered, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge.....	.20	\$0.35	\$2.50
Orchid Flowered Almond Blossom, delicate rose.....	.20	.40	3.00
Orchid Flowered Mammoth, an odd combination of light greenish yellow ground, with deep purple blotches.....	.20	.40	3.00
Orchid Flowered Superba, this is an improvement on the original Orchid Flowered mixed, containing light shades not known so far.....	.15	.35	2.60
Paris Market, an improved strain of Trimardeau, with better flowers and more compact habit.....	.10	.20	1.40
Pink, lovely shades of pink, same as Hydrangea....	.15	.30	2.00
President Carnot, five blotched white.....	.20	.40	3.00
President McKinley, five blotched yellow.....	.25	.55	4.20
Pretiosa, a very large blotch of deep violet with pure white edge.....	.15	.50	2.60
Prince Henry, darkest blue.....	.10	.25	1.60
Psyche, the five velvety violet blotches are surrounded by broad white edge.....	.20	.50	3.50
Purple, very large, rich deep purple.....	.10	.25	1.80
Raphael, blue veins and violet blotches on white ground..	.50		
Rosy Morn, a bright purplish crimson margined with a clear white edge.....	.15	.30	2.00
Ruby Red.....	.15	.30	1.80
Siegfried, 5 spotted with a clear white margin. The colors are rich brown shades.....	.25	.50	
Striped, mahogany striped and flaked white.....	.10	.25	1.40
Trimardeau, mixed.....	lb., \$14.00	.10	.20 1.00
Victoria, claret red.....	.15	.30	2.00
Violet Blue, a very pleasing shade.....	.10	.25	1.40
Volcano, red flowers, each petal being marked with a very large dark blotch.....	.15	.30	2.00
White, very large, with violet eye.....	.10	.25	1.60
Yellow, immense flowers with dark eye.....	.10	.25	1.60



SCABIOSA—Double Large Flowering

SCHIZANTHUS—Garaway's Large Hybrids

STOCKS—Beauty of Nice

RICINUS

	Trade pkt.	Oz.
Zanzibariensis, mixed	lb., \$1.00	\$0.05 \$0.10
Zanzibariensis Enormis		.05 .15
Borbonienseis Arboreus, Green foliage	lb.,	80c .05 .10
Sanguineus, Green leaved, red stems and seeds	lb.,	50c .05 .10
Cambodgensis. Very dark	lb.,	80c .05 .10
Panormitanus, Bronze leaved, blue stems		.10 .20
Laciniatus Foliage deeply cut		.10 .
Gibsoni, Mulberry colored foliage	lb.,	80c .05 .10
Mixed, many kinds	lb.,	50c .05 .10

Rosa Polyantha Nana		.35 2.40
Rudbeckia Bicolor Superba, large		.10 .30
Bicolor Superba, semi-plena		.10 .60

SALPIGLOSSIS

Large-Flowering, mixed extra choice		.10 .60
Superbissima (Emperor). Crimson	1/8 oz.,	25c .10 .
Faust. Black	1/8 oz.,	25c .10 .
Lilac and Gold		.25 .
Pink	1/8 oz.,	25c .10 .
Velvety Violet	1/8 oz.,	25c .10 .
Golden Yellow	1/8 oz.,	25c .10 .
Emperor. Mixed, very fine		.15 .80
Gloxiniiflora. Mixed	1/8 oz.,	40c .15 .
Vaughan's Special Mixture		.25 2.00

SALVIA

Splendens (Scarlet Sage)	lb.,	\$16.00 .15 1.25
Splendens Clara Bedman or Bonfire		.25 2.00
Drooping Spikes. Very fine		.25 2.00
Fireball. Dwarf	1/4 oz.,	75c .25 3.00
Maroon Prince		.25 3.00
Zurich. Very dwarf and early		.25 3.00
Cocinea, Scarlet, annual		.10 .40
Farinacea, Blue		.15 1.00
Horminum Violaacea (Clary)		.05 .20

Sanvitalia Procumbens fl. pl.		.15 .80
Saponaria Multiflora Calabrica Red		.10 .30
Vaccaria Rose, fine for cutting		.05 .20

SCABIOSA

Double Dwarf, mixed		.10 .40
Large Flowering, Double Tall mixed		.10 .40
Atror-purpurea Major, Tall mixed		.05 .30
Snowball. Best double white		.10 .50
Double Fiery Scarlet		.10 .60
Black Prince		.10 .60
Cherry Red		.10 .60
Flesh		.10 .60
Mauve		.10 .60
Yellow (minor aurea pl.)		.05 .35

Schizanthus. (Butterfly Flower) mixed	1/8 oz.,	.05 .15
Wisetonensis	1/8 oz.,	30c .15 .
Garaway's Large Flowering Hybrids. A grand strain producing large flowers with handsome markings on white, buff, brilliant rose, blue or purple grounds. 1,000 seeds, \$1.00	1/4 oz.,	60c .15 .
Sedum Coeruleum (Stone Crop)		.15 .50
Senecio. ELEGANS fl. pl., double mixed		.10 .40
Sensitive Plant (Mimosa Pudica)		.10 .40
Shamrock		.10 .50

	Trade pkt.	Oz.
Silene Pendula Alba		\$0.05 \$0.15
Pendula Rosea		.05 .15
Armeria (Catefly), mixed		.05 .15
Smilax. New crop	lb.,	\$3.20 .10 .30
Snaptdragon. See Antirrhinum		
Solanum Capsicastrum Nanum, (Jerusalem Cherry)		.10 .30
Capsicastrum Melvini, better than above, plants smaller, berries pointed and do not drop easily		.25 .
Statice Sinuata. Blue, fine cut-flower; used largely in London		.05 .20
Sinuata Pride of Chamois		.10 .
Sinuata Rosea		.10 .30
Bonduelli, Golden yellow		.10 .30
Suworowia, Russian. Flowers bright rose color		.25 1.40
Stevia Serrata. White, fine cut-flower		.15 .80
Lindleyana, white, better than Serrata in color and foliage		.15 .

STOCKS

**DOUBLE LARGE FLOWERING
DWARF GERMAN TEN WEEKS**

Canary Yellow	Dark Blue	Crimson	Brilliant Rose
Light Blue	Blood Red	White	Flesh
Each of above, trade pkt., 25c; 1/8 oz., 40c. 1/4 oz., 75c;			
Collection, One Trade pkt., each of the above 8 for \$1.50.			
Mixed, all colors. Extra Choice..... 1/8 oz., 40c; 1/4 oz., 75c; .25 .			

GIANT PERFECTION—Cut and Come Again

If sown in March or April these will begin flowering in July and continue until fall. They throw out numerous side branches. A splendid variety for cutting.

Brilliant Lilac	Light Blue	Flesh
White (Princess Alice)	Dark Blue	Canary Yellow
Pink	Scarlet	
Price, each of above, trade pkt., 25c; 1/8 oz., 40c.		
Giant Perfection. Mixed, all colors.	Trade pkt., 25c;	1/8 oz., 35c; oz., \$2.40
BISMARCK		Trade pkt. Oz.
Pure White	1/8 oz.,	\$0.40 \$0.25 \$3.00
Gold Ball. Yellow	1/8 oz.,	.40 .25 3.00
Lavender		.25 .
Rose		.25 .
Column Gloria. Shining blood red		.25 4.00
Mammoth White Column. Of luxuriant growth, attaining in the open ground a height of 3 feet, and producing only a single sturdy spike of bloom, closely furnished with enormous faultless, double flowers of purest white.	1/8 oz.,	50c .25 3.40
Crimson Column	1/8 oz.,	50c .25 .
Rose Column	1/8 oz.,	50c .25 .

BEAUTY OF NICE

Early Large Flowering, Winter

Pink	1/4 oz.,	60c .25 2.20
Mont Blanc	1/8 oz.,	40c .25 2.50
Crimson	1/8 oz.,	35c .15 2.50
Empress Augusta Victoria, Silvery lilac		.25 .
Old Rose Improved		.25 .
Dark Violet		.25 .
Cote d'Azur. Blue	1/8 oz.,	40c .25 .
Queen Alexandra. Lilac rose	1/8 oz.,	40c .25 2.50
Monte Carlo. Yellow	1/8 oz.,	45c .25 3.00
Abundance. Brilliant lilac rose	1/8 oz.,	40c .25 2.80
Beauty of Nice. Mixed		.25 2.40
EMPEROR or Winter. White, Pink, Crimson, Mixed, ea.	1/8 oz.,	70c .25 4.50
Empress Elizabeth. Brilliant carmine rose	1/8 oz.,	75c .25 .
Large-Flowering Winter, White Lady	1/8 oz.,	75c .50 .
Streptocarpus. Vaughan's Giant Hybrids		.25 .

Spencer Varieties

	Oz.	¼ lb.	Lb.
Afterglow. Bright violet standards shaded rosy amethyst, wings paler blue, waved; requires shading.....	\$0.25	\$0.75	\$3.00
Agricola. Faint lavender and blush.....	.30	.85	3.20
America. White ground, heavily striped and flaked with bright crimson scarlet.....	.15	.50	1.80
Apple Blossom. Standard very bright rose, wings primrose with a flush of rose tint.....	.15	.50	1.80
Asta Ohn. A soft pinkish lavender self. Flowers very large and beautifully waved.....	.15	.50	1.80
Aurora. Flowers white, mottled and flaked with bright orange pink.....	.15	.55	2.00
Barbara. Salmon.....	.40	1.50	6.00
Bertrand Deal (Improved). Rosy mauve.....	.20	.65	2.60
Blanche Ferry. A giant type of Spencer form, with rose standard, and white wings suffused and tinted with light pink.....	.15	.55	2.00
Blue Picotee. White, edged violet.....	.25	.85	3.40
Captain of the Blues. Pure purple, the margin of the petals is marbled. Very large and distinct.....	.20	.65	2.40
Chas. Foster. Pale blush pink, flushed lavender.....	.35	1.25	5.00
Clara Curtis. A beautifully waved cream of good substance, usually has four blossoms on a stem.....	.15	.45	1.80
Countess Spencer. The original giant flowered Spencer, with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self colored.....	.15	.55	2.00
Dainty. White ground, with beautiful picotee edge of rose pink, splendid form.....	.20	.65	2.40
Dobbie's Cream. Deep cream or primrose, waved.....	.15	.55	2.00
Dobbie's Sunproof Crimson......	.25	.85	3.40
Doris Usher. Apricot and buff.....	.25	.85	3.40
Earl Spencer. Rich orange and salmon.....	.20	.70	2.80
Edith Taylor. Bright salmon rose.....	.20	.70	2.80
Edrom Beauty. Salmon orange.....	.20	.60	2.20
Elfrida Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of buff.....	.20	.70	2.80
Empress Eugenie. Light gray flaked with lavender....	.25	.85	3.40
Ethel Roosevelt. Cream ground, daintily striped with soft crimson.....	.15	.55	2.20
Evelyn Hemus. Cream with a picotee edging of terra cotta pink.....	.20	.60	2.40
Fiery Cross. Intense orange scarlet. Trade Pkt., ¼ oz., 50 cents.....	.15	.50	2.00
Flora Norton. Light blue.....	.15	.50	2.00
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft blush pink.....	.15	.50	1.80
Florence Nightingale. A very large, finely waved bluish lavender.....	.20	.60	2.40
George Herbert. Rose crimson, suffused with magenta and showing veins in wings.....	.15	.50	1.80
Helen Lewis. Blooms large orange salmon with pink, especially bright orange standard.....	.15	.50	1.80
Hercules. A pale rosy pink flower of giant size; this is really a giant type of the Countess Spencer.....	.20	.80	3.00
Illuminator. Rich salmon pink.....	.25	1.00	
King White. Produces gigantic flowers absolutely pure white. The standard is of finest form, decidedly frilled and waved, and terminates beautifully at the throat. Wings large, waved and gracefully cover the keel.....	.20	.65	2.50
King Edward VII. The best pure red Spencer, very large, with especially immense wings.....	.15	.50	2.00
Margaret Atlee. Rosy salmon pink on a creamy buff ground, immense wavy standard inclined to double.....	.20	.70	2.80
Margaret Madison. A beautiful self colored azure blue.....	.20	.75	3.00
Marie Corelli. A bright glowing crimson, almost a self color.....	.20	.60	2.40
Maud Holmes. Rich crimson Spencer, fine large flower and quite sunproof.....	.15	.50	1.80
May Campbell. Standard and wings marbled and veined carmine on cream ground.....	.20	.75	3.00
Miriam Beaver. Light apricot and buff.....	.25	.90	3.60
Mrs. A. Ireland. Standard bright rose pink, with creamy base, wings blush.....	.15	.55	2.20
Mr. C. W. Breadmore. Buff ground, edged with pink.....	.20	.60	2.40
Mrs. Cuthbertson. Standard rose pink, wings nearly white; improvement on Blanche Ferry.....	.20	.60	2.40
Mrs. Hugh Dickson. A light salmon pink on cream ground, strong grower, throws four flowers to a stem.....	.15	.50	2.00
Mrs. Routzahn. Buff or apricot ground flushed and suffused with delicate pink.....	.15	.50	2.00
Mrs. Townsend. White, suffused and edged with blue..	.20	.60	2.40
Nubian. Fine chocolate color.....	.20	.60	2.40
Othello. Of immense size, with large drooping wings, rich maroon. One of the best dark sweet peas.....	.15	.55	2.20
Primrose. Deep primrose or creamy yellow.....	.15	.45	1.80
Rainbow. Soft rose color in fine hair lines on ivory white.....	.20	.65	2.60
R. F. Felton. Lilac standard, grey wings.....	.40	1.50	
Robert Sydenham. Rich orange self.....	.35	1.25	5.00



Sweet

	Oz.	¼ lb.	Lb.
Rosabelle. A very fine large rose-colored flower, giant size and a strong grower producing abundance of sprays of four.....	\$0.20	\$0.65	\$2.60
Royal Purple. Rich purple.....	.35	1.25	5.00
Senator. Claret and chocolate stripe on French grey ground, large and most distinct.....	.15	.50	2.00
Stirling Stent. A deep salmon colored flower; less influenced by weather than any other variety of its class ...	.20	.70	2.80
Tennant. Purplish mauve, a large, fine flower, and a good grower.....	.20	.60	2.40
Thomas Stevenson. Bright orange scarlet, almost a self.....	.15	.55	2.20
Vermilion Brilliant. A brilliant scarlet Spencer of splendid form.....	.20	.70	2.80
Wedgwood. A lovely blue self.....	.20	.75	3.00
White. Flowers very large and of magnificent Spencer waved form. Stems as a rule carry four blossoms....	.15	.45	1.80

VAUGHAN'S FLORIST'S MIXTURE OF SPENCER VARIETIES.
 In offering this mixture we are giving our customers the cream of the commercial varieties, and are confident it will please those who desire a mixture of the self colored ruffled sorts with the light shades predominating.....

	.20	.60	2.40
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Inoculate Sweet Peas with

Insure a good yield of strong hardy plants

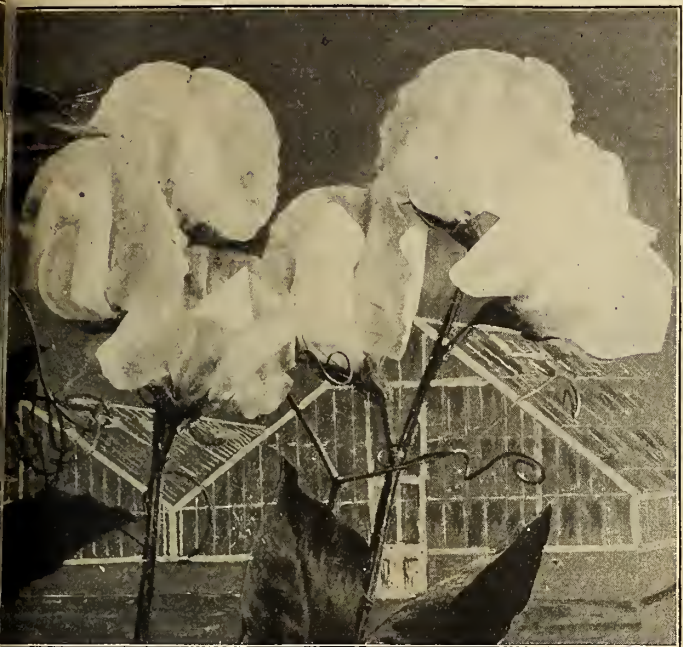
Life and health of bacteria guaranteed by Armour Fertilizer works for six months from date marked on can

"Nitragin" supplies you with billions of nitrogen-gathering germs, packed in proper food to keep them alive, active and healthy. Get the original pure culture—a granular medium, packed in ventilated can, bearing the Armour Oval Label.

DIRECTIONS FOR USING. Use a clean dish holding about one quart. In this put a quarter pint of clear pure water. Empty contents of garden size can into the water, stir thoroughly until well mixed. Pour mixture over the seeds and with the hands stir until every seed is moistened with the mixture. Then spread seeds out on clean table to dry. When dry, plant as usual and as soon as possible after treating. Do not expose the seeds to the direct rays of the sun after treatment and plant seeds on a cloudy day as the sunlight kills the nitragin germs.

Garden Size Can, 50c.

Peas



Early Flowering Sorts

New Early Flowering Long Season Spencers

The originator says: "One thing we are absolutely sure of is that these we are offering have come absolutely true for three consecutive years."

Early Morning Star The color is a deep orange scarlet or flame color in standard, with rich orange pink wings. The flower is practically the same color as the late flowering Spencer "Dobbie's Thomas Stevenson." It does not burn badly out in the open and under glass will be magnificent. The flowers are large and of best Spencer form and borne in threes and fours in wonderful profusion. Under artificial light it is superb. **25 Seeds, 25c; Trade pkt. (1/4 oz.) \$1.25; oz. \$4.50 net.**

Early Song Bird We are sure this will be the leading pale pink for Florists. The flower is the same color as "Florence Morse Spencer" and a bit lighter than "Elfrida Pearson". It has the same excellent form and features of Mrs. Hugh Dickson but is on white ground. The placement of the flowers is splendid for packing and the flowers are borne on long stems in threes and fours. When in full growth it seems as though every stem carried four large blossoms. **25 Seeds, 25c; Trade pkt. (1/4 oz.) \$1.00; oz. \$3.50 net.**

Early Melody This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer" and near "Hercules". It might be described as rose pink on white ground. The effect when bunched is most pleasing. It is very floriferous. The flowers are borne on long stems and mostly four large well-waved blossoms to each stem. **25 Seeds, 25c; Trade pkt. (1/4 oz.) \$1.00; oz. \$3.50 net.**

Early Spring Maid The color is light pink on a cream ground and the blossoms have the same splendid characteristics of "Mrs. Hugh Dickson" for a florist's flower. It is a most effective flower and carries a great wealth of blossoms borne in fours on long stems. There is no Early Spencer cream pink which is as attractive as "Early Spring Maid." **25 Seeds, 25c; Trade pkt. (1/4 oz.) 85c; oz. \$3.00 net.**

Early Snow Flake This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form. The flowers are borne in wonderful profusion on long stems. **25 Seeds, 25c; Trade pkt. (1/4 oz.) \$1.25; oz. \$4.50.**

Early Heather Bell This will be one of the most popular shades with all Florists as it will be so useful for making up for any occasion. The flowers are very large, borne in fours and threes on long stout stems and are of beautiful bold Spencer form. The color is a rich but pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender. **25 seeds, 25c; Trade pkt. (1/4 oz.) \$1.25; oz. \$4.50 net.**

Unwin and Grandiflora Types

	Oz.	1/4 lb.	Lb.
Blanche Ferry. Pink and white.....	\$0.10	\$0.20	\$0.60
Captain of the Blues. Purplish mauve.....	.10	.20	.70
Dainty. White, with pink edge, unique.....	.10	.20	.60
Dorothy Eckford. One of the best whites.....	.10	.20	.60
Emily Henderson. White, early and free.....	.10	.20	.60
Frank Dolby. Largest and finest pale blue.....	.10	.35	1.25
Flora Norton. A very bright blue.....	.10	.25	.80
Gladys Unwin. Pale rosy pink.....	.10	.30	1.00
Helen Pierce. Blue, with dark grain markings.....	.10	.25	.80
Henry Eckford. Of extraordinary orange color.....	.10	.30	1.00
Hon. Mrs. E. Kenyon. Yellow.....	.10	.20	.70
King Edward VII. Bright red.....	.10	.20	.60
Lady Grisel Hamilton. Lavender.....	.10	.20	.60
Lord Nelson. Deeper and richer than Navy Blue, same as Brilliant Blue.....	.10	.20	.60
Lottie Eckford. White suffused lavender.....	.10	.20	.60
Lovely. Soft shell pink.....	.10	.20	.65
Mrs. Geo. Higginson, Jr. Delicate light blue.....	.10	.25	.80
Miss Willmott. Richest orange pink, shaded rose.....	.10	.20	.70
Navy Blue. Deep violet blue.....	.10	.20	.70
Nora Unwin. Giant white.....	.10	.25	.90
Prima Donna. Soft pink.....	.10	.20	.65
Queen Alexandra. Giant size, scarlet.....	.10	.20	.70
Saint George. Brilliant orange salmon.....	.10	.35	1.25
Salopian. One of the best of the dark bright reds.....	.10	.20	.60
Shasta. Pure white, open form.....	.10	.20	.75
White Wonder. The many-flowered white.....	.10	.20	.70

Sweet Peas In Mixture

	Oz.	1/4 lb.	Lb.
VAUGHAN'S PRIZE MIXTURE. This mixture contains the cream of the new and standard sorts, including some of the new Spencer varieties. It is made up entirely of separate named sorts, carefully proportioned as to its composition.....	.10	.25	.80
VAUGHAN'S FLORISTS' MIXTURE OF SPENCER VARIETIES. This is a mixture made by ourselves of light-colored varieties, suitable for florists' cut-flower trade. It is a very carefully proportioned mixture and gives satisfaction.....	.20	.60	2.40
ECKFORD MIXTURE. This mixture contains over thirty varieties, including some of the novelties of 1916 and other choice sorts 10 lbs., \$4.50.....	.15	.50	
MIXED. All choices 10 lbs., \$4.00.....	.15	.45	

WINTER FLOWERING—Spencer Type

Trade Packets contain one-quarter ounce

	Trade Pkt	Oz.	Lb.
Mrs. A. A. Skaach. Flowers bright shell pink.....	\$0.20	\$0.65	\$8.00
Mrs. J. Manda. Light shell pink, extra long stems.....	20	65	8 00
Mrs. Woodrow Wilson. Appleblossom pink.....	25	80	
Mrs. William Sim, Salmon pink.....	20	65	8 00
Mrs. M. Spanolin, Black-seeded white.....	20	65	8 00
Pink and White. Blanche Ferry type.....	25	1 00	14 00
President Woodrow Wilson. Magenta rose.....	25	80	
Selma Swenson. Clear light soft pink.....	20	65	8 00
Venus. Standard white, slightly blushed pink wings....	20	65	8 00
White Orchid. White flowers of good substance.....	20	65	
Yarrowa. The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff with blush wings.....	20	65	8 00
MIXED. Winter Flowering Spencers.....	20	65	8 00

WINTER FLOWERING—Unwin Types

	Oz.	1/4 lb.	Lb.
Blue Jay. Bright blue self color.....	\$0.35	\$1.25	\$5.00
Lavender Nora. Most pleasing lavender, long stems, a splendid commercial variety.....	20	75	....

WINTER FLOWERING—Grandiflora Types

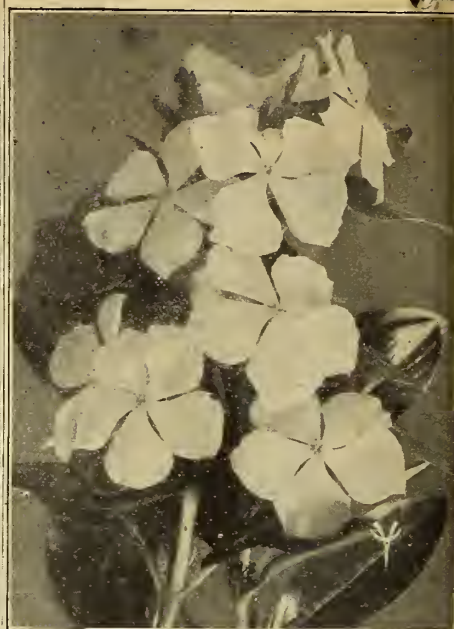
	Oz.	1/4 lb.	Lb.
Canary Bird. Early yellow.....	\$0.10	\$0.35	\$1.20
Christmas Countess } Sky blue.....	10	35	1 20
Mrs. C. H. Totty }			
Earliest of All... } Pink and white.....	10	30	1 00
Christmas Pink }			
Christmas Meteor. Brilliant red.....	10	30	1 00
Christmas Prima Donna } Daybreak pink.....	10	30	1 00
Mrs. F. J. Delansky..... }			
Christmas White } Pure white.....	10	30	1 00
Mont Blanc }			
Florence Denzer. }			
Mrs. Alexander Wallace. Lavender.....	10	30	1 00
Mrs. E. Wild. Bright rose.....	10	35	1 25
Mrs. W. W. Smalley } Salmon pink.....	15	40	1 40
Mrs. William Sim... }			
Snowbird..... } Black-seeded white.....	10	35	1 25
Burpee's Earliest White }			
Mrs. Geo. Lewis. Black-seeded white.....	10	30	1 00
Le Marquis. Navy blue.....	10	30	1 20
MIXED. Winter-Flowering Grandiflora Type.....	10	30	1 00



VERBENA—Vaughan's Best Mixture



ZINNIA—Vaughan's Giant-Flowered



VINCA ROSEA

SUNFLOWER

	Trade pkt.	Oz.
Miniature Sunflower (Cucumerifolius)	\$0.05	\$0.25
Cucumerifolius Stella.....	.05	.25
Orion.....	.05	.25
Double Hybrids.....	.10	.40
Purpureus.....	.10	.60
Mixed Varieties.....	.10	.30
Annus Purpureus (Red Sunflower).....	.10	.50
Argyrophyllus (Silver-leaved).....	.05	.15
Californicus, fl. pl. Double Californian.....	.05	.15
Globosus Fistulosus, fl. pl. Fine double.....	.05	.15
Double Dwarf (Nanus fl. pl.).....	.05	.15
Double Chrysanthemum-Flowered.....	lb., \$1.20	.05

Swainsonia Grandiflora Alba.....	250 seeds, 35c	
Thunbergia. Mixed.....	.10	.50
Torenia Fournieri Grandiflora.....	1/4 oz., 40c	.10
White Wings.....	1/8 oz., 40c	.10
Bailloni.....	.25	

VERBENA

Mammoth. Mixed.....	.10	.90
White. Extra choice.....	.10	1.00
Purple shades.....	.10	.90
Striped on Red Ground.....	1/4 oz., 40c	.15
Italian Striped.....	1/4 oz., 25c	.10
Aurora Borealis. Fiery-red. Very fine.....		Sold out.
Commandant Marchand. Dark purple. Especially good.....	.25	
Defiance. Brilliant scarlet, true.....	.10	1.00
Firefly. Brilliant scarlet, white eye.....		Sold out.
Hybrida Gigantea. A mixture of a new Giant strain in which red shades with a white eye predominate.....		Sold out.
Auricula-Flowered. Mixed.....	.10	.80
Mayflower. Beautiful pink.....	.10	1.00
Carmine with White Eye.....		Sold out.
Violet with White Eye.....		Sold out.
Dark Blue with White Eye.....	.10	.80
Lutea. Yellow.....	.10	.80
Mixed, extra choice.....	.10	.80
Nana Compacta. Dwarf mixed.....	.15	1.25
Venosa.....	.10	.80
Lemon (Citriodora).....	1/4 oz., 60c	.25
Erinoides (Moss Verbena). Purple.....	.10	.50
White.....	.10	.60
Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains and colors of the Mammoth type, the Mayflower, the best European introductions of last year, all grown separately, and mixed in the right proportion.		
Trade pkt., 25c; 1/4 oz., 50c; oz., \$2.00; 2 ozs., \$3.50.		

"Last year I purchased among other seeds some assorted Snapdragons. The plants proved very fine and the flowers large and beautifully colored."
J. MOFFITT, Piedmont, Cal.

VINCA

	Trade Pkt.	Oz.
Vinca Rosea. Mixed.....	\$0.10	\$0.60
Rosea Pink.....	.10	.60
Fl. Albo. White with pink eye.....	.10	.60
Alba Pura. Pure white.....	.10	.60
Delicata. Soft pink (new).....	.15	1.00
Viscaria Cardinalis.....	.10	
Mixed.....	.05	.20
Virginia Stocks. Mixed.....	.05	.15
Xeranthemum. Double mixed.....	.10	.40
Zea Japonica (Variegated Corn).....	lb., 60c	.05
Japonica Quadricolor Perfecta.....	.05	.15

ZINNIA

Elegans. Double White, Scarlet, Golden Yellow, Rose, Flesh and Crimson.....	each	.10	.30
Black Knight.....		.10	.50
Burnt Orange.....		.15	
Fleshy White (Apple Blossom).....		.15	
Salmon rose.....		.15	
Elegans, fl. pl. Double mixed.....	lb., \$2.50	.05	.25
Pumila fl. pl., Mixed. Double dwarf, extra choice.....		.10	.40
Alba plena. Snowball.....		.10	.50
Coccinea plena. Fireball.....		.10	.50
Rosea plena. Pinkball.....		.10	.60
Aurea plena. Goldenball.....		.10	.50
Robusta Plenissima Mixed. Double, extra large.....		.10	.50
Queen Victoria. White.....		.10	.60
Colossal White.....		.10	1.00
Golden Yellow.....		.10	1.00
Sulphur Yellow.....		.10	1.00
Flesh color.....		.10	1.00
Crimson.....		.10	1.00
Scarlet.....		.10	1.00
Purple.....		.10	1.00
Violet.....		.10	1.00
Vaughan's Special Mixture. Colossal varieties.....		.10	.85
Zebra or Carnation Striped.....		.10	.50
Crested and Curled.....		.10	.60
Double Pompon (Darwin), mixed.....		.10	.40
Lilliput. Mixed.....		.10	.50
Scarlet Gem.....		.15	
White Gem.....		.15	
Golden Gem.....		.15	
Gracillima fl. pl. Coccinea (Red Riding Hood).....		.10	.90
Mexicana (Haageana) fl. pl.....		.10	.60
Hybrida. New Mexican Hybrids.....		.15	

Sweet Peas for the past three summers bought of you were surpassingly lovely and the admiration of all passers-by. The Spencers in particular.
J. J. DOYLE, Connersville, Ind.

Vaughan's "FIREBIRD" is the most notable Canna since we distributed King Humbert. Your best customers must have it. Call on us for all Cannas.



AQUILEGIA—Columbine



CAMPANULA—Canterbury Bell



SHASTA DAISY

SEEDS of BIENNIALS and HARDY PERENNIALS

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
<i>Acanthus Latifolius</i> , very ornamental.....	\$0.05	\$0.15	Aster , Perennial Mixed (Michaelmas Daisy).....	\$0.10	\$0.80
Mollis, fine foliage.....	.05	.15	Large Flowering.....	.25	1.60
<i>Achillea Ptarmica</i> , fl. pl., The Pearl.....	$\frac{1}{16}$ oz., 25c	.10	Alpinus, dwarf species, purple flowers.....	.10	.35
Ageratum, yellow.....	.15	.15	Speciosus, rich purple.....	.35	.35
<i>Aconitum Napellus</i> (Monk's Hood), blue.....	$\frac{1}{4}$ oz., 25c	.15	Bessarabicus, deep blue.....	.15	.15
Wilsoni.....	$\frac{1}{8}$ oz., .30c	.15	Novae Angliae, purplish blue.....	.20	2.00
Fischeri.....	$\frac{1}{4}$ oz., 50c	.15	Parmicoides, pure white.....	.25	1.20
<i>Adenophora Potaninii</i> , light blue.....	.10	.10	Subcoeruleus.....	.20	.20
<i>Adlumia Cirrhosa</i> (Allegheny Vine).....	$\frac{1}{4}$ oz., 80c	.15	Townshendi, pinkest lilac.....	.25	2.40
<i>Adonis Vernalis</i> , bright yellow.....	.10	.60	Auricula , extra choice mixed.....	$\frac{1}{8}$ oz. 75c	.25
<i>Agathea Coelestis</i> (Blue Daisy).....	.10	1.00	<i>Baptisia Australis</i> (False Indigo), blue.....	.10	.50
<i>Agrostemma Coronaria</i> , mixed.....	.05	.20	Bellis or Double Daisy , Vaughan's Mammoth Mixture.....	.25	2.40
Flos Jovis, pink.....	.05	.15	Vaughan's Mammoth, White.....	$\frac{1}{8}$ oz., 50c	.25
<i>Alyssum Saxatile Compactum</i> , yellow.....	.10	.40	Vaughan's Mammoth, Pink.....	$\frac{1}{8}$ oz., 50c	.25
<i>Ampelopsis Veitchii</i> (Boston or Japan Ivy).....	lb., \$2 20	.05	Double Extra Choice, mixed mixed.....	$\frac{1}{8}$ oz., 25c	.15
<i>Anchusa Angustifolia</i>.....	.10	.35	Longfellow, dark pink.....	$\frac{1}{8}$ oz., 30c	.15
Italica, Dropmore variety.....	.25	1.75	Snowball, double white.....	$\frac{1}{8}$ oz., 30c	.15
Italica, Opal, pale blue.....	.50	1.75	Monstrosa, White, giant double.....	$\frac{1}{8}$ oz., 75c	.25
<i>Anemone Sylvestris</i> , white.....	.25	1.80	Pink, giant double.....	$\frac{1}{8}$ oz., 75c	.25
Coronaria, mixed.....	.10	.40	Double Rosy White, quilled.....	.25	.25
St. Brigid's Hybrids.....	.20	1.50	Double red.....	.25	.25
Pulsatilla, violet lilac.....	.15	1.00	Betonica Grandiflora Superba , deep purple.....	.25	1.50
<i>Anthem. Tinctoria</i> (Golden Marguerite).....	.10	.60	Bocconia Japonica (Plume Poppy), fine foliage plant.....	.10	.50
Kelwayi, yellow.....	.10	.40	Boltonia Asteroides , white.....	.20	2.00
<i>Aquilegia Canadensis</i> , scarlet and yellow.....	.25	1.80	Latisquama, delicate pink.....	.20	2.00
Chrysantha (Golden Columbine).....	.25	2.00	Bupththalmium Cordifolium , yellow.....	.10	.50
Chrysantha Grandiflora Alba, white.....	.25	2.00	Salicifolium, yellow.....	.10	.60
Fl. Pleno, double.....	.25	2.00	Calampelis Scaber.....	.10	.50
<i>Coerulea</i> , Rocky Mountain Columbine.....	.25	2.00	Campanula Carpatica (Hare Bell).....	.10	.60
Hybrida (Haylodgensis).....	.15	1.50	Carpatica Alba, white.....	.10	.60
Rose Queen, pink.....	$\frac{1}{8}$ oz. 75c	.25	Crystalocalyx, blue.....	.25	.25
Blue Shades.....	$\frac{1}{8}$ oz. 60c	.25	Fragilis.....	$\frac{1}{8}$ oz. 50c	.25
Candidissima, snow white.....	$\frac{1}{8}$ oz. 50c	.25	Glomerata Dahurica, dark purple.....	.25	.25
Pink Shades.....	$\frac{1}{8}$ oz. 60c	.25	Speciosa Superba.....	$\frac{1}{8}$ oz. 75c	.25
<i>Nivea Grandiflora</i> , large white.....	.05	.40	Grandis, blue.....	.25	.25
Skinneri, scarlet tipped green.....	$\frac{1}{8}$ oz. 60c	.25	Lactiflora Alba.....	.25	.25
<i>Vervaeana Atrorivloacea Plenisima</i> , double dark violet.....	.10	.80	Alba Magnifica, new.....	$\frac{1}{8}$ oz. \$1.00	.25
<i>Vulgaris Alba Plena</i> , double white.....	.10	.50	Coerulea.....	$\frac{1}{8}$ oz. 35c	.15
Fl. Pl., double mixed.....	.05	.40	Macrantha, blue, large flowers.....	.05	.30
Single mixed.....	.05	.30	Medium (Canterbury Bell), single mixed.....	.05	.25
Truncata, orange scarlet with yellow.....	.25	.25	White, Blue, Striped or Pink.....	each	.10
Scarlet and Pink Shades.....	$\frac{1}{8}$ oz. \$1.00	.25	Double mixed.....	.15	.80
Long Spurred, Mrs. Scott Elliot's strain.....	$\frac{1}{8}$ oz. \$1.00	.35	Double and Single mixed.....	.10	.60
Long Spurred varieties.....	.15	1.00	Calycanthema (Cup-and-Saucer), choice mixed.....	.15	1.20
Vaughan's Special Mixture	$\frac{1}{4}$ oz. 75c	.25	Calycanthema, Pink, Striped, Blue, White.....	each	.20
<i>Arabis Alpina</i> (Alpine Rock-Cress), white, sweet scented.....	.10	.35	Præcox (early flowering) white.....	.15	.15
<i>Grandiflora Superba</i>	$\frac{1}{8}$ oz. 30c	.10	Blue.....	.15	.15
<i>Arenaria Caespitosa</i> , pure white, trailing.....	.25	.25	Rose.....	.15	.15
Montana.....	.25	.25	Mirabilis, beautiful blue.....	1,000 seeds, 50c	.20
<i>Aristolochia Siphon</i> (Dutchman's Pipe).....	.10	.60	<i>Persicifolia Grandiflora Alba</i> , white, excellent cut flowers.....	.20	1.60
<i>Armeria Maritima</i> (Cushion Pink), purple.....	.15	1.40	Coerulea, blue.....	.20	1.60
Formosa (Sea Pink).....	.10	.40	Mixed.....	.15	1.40
Laucheana, crimson flowers.....	.25	2.00	Moerheimi, double white.....	$\frac{1}{8}$ oz., \$1.50	.50
<i>Artemisia Lactiflora</i> , pure white.....	.50	.40	<i>Pyramidalis</i> , double.....	.15	1.00
<i>Arundo Donax</i> , Ornamental Grass.....	.10	.40	Alba, white.....	.10	.80
<i>Asclepias Tuberosa</i> , orange.....	.25	2.00	Trachelium, blue.....	.10	.60
<i>Asperula Odorata</i> (Woodruff or Waldmeister).....	.15	.75	Perennial varieties, mixed.....	.15	1.20
<i>Asphodelus Luteus</i> , fragrant yellow flowers.....	.15	.15			



DIGITALIS (Fox Glove)



HOLLYHOCKS



DELPHINIUM (Larkspur)

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

	Trade Pkt.	Oz.		Trade pkt.	Oz.
Candytuft Sempervirens (Hardy Candytuft). White.....	\$.025	\$2.00	Dianthus Barbatus (Sweet William).		
Gibraltarica . Large flowers, lilac, shading to white.....	.25	1.60	Albus. White.....	\$.10	\$0.4
Carnation , Vienna. Dwarf mixed.....	.15	1.20	Atro-sanguineus. Blood red.....	.10	.3
Vienna White.....	.25	2.00	Carmine Beauty.....	¼ oz., 50c	.15
Grenadin Red.....	.25	1.60	Coppery Red.....	.10	.8
White.....	.25	1.80	Diadematus. Rose sprinkled white.....	.15	1.2
Cassia Marylandica . Yellow.....	.10	.30	Harlequin or Mutabilis.....	.05	.2
Catananche Coerulea . Fine cut flower.....	.10	.80	Johnson's Giant.....	.15	1.0
Coerulea Bicolor. White.....	.10	.80	Nigrescens. Velvety black maroon.....	.05	.2
Centaurea Pulcherrima . A fine pink cut flower.....	.25		Oculatus Marginatus.....	.05	.2
Macrocephala. Golden yellow.....	.10	.40	Rose.....	.10	.4
Montana Blue.....	.10	.70	Salmones. (Scarlet Beauty). Salmon.....	.15	1.0
White.....	.25	1.80	Sutton's Scarlet.....	.15	1.0
Ruthenica . Straw color.....	.15	.80	Single Mixed.....	lb., \$1.80	.05
Centranthus Ruber (Valeriana).....	.10	.40	Single Giant Flowered, mixed.....	lb., 4.00	.10
Ruber Albus.....	.10	.40	Albus, pl. Double white.....	.10	.6
Cephalaria Alpina . Yellow.....	.10	.80	Atro-sanguineus pl. Double blood red.....	.15	.8
Cerastium Tomentosum (Snow in Summer).....	.25	2.00	Oculatus Marginatus fl. pl.....	.10	.6
Chelone Barbata , New Hybrids. Mixed, varying from flesh-color, pink to dark red and violet.....	.10	.40	Roseus pl. Double rose.....	.15	.8
Lyonii. Rosy purple.....	.25		Double Mixed.....	lb., \$6.00	.15
Torreyi. Brick red.....	.10	.40	Double Giant Flowered. Mixed.....	lb., \$12.00	.25
Chrysanthemum Maximum (Ox-Eye Daisy).....	lb., \$3.00	.10	Vaughan's Special Mixture . Double and single.....	.25	1.00
King Edward VII. Robust, fine.....	lb., \$6.00	.10	Barbatus X Chinensis.....	.10	.6
Market Favorite. A splendid cut flower variety.....	.20		Dianthus Plumarius (Pheasant's Eye). Single mixed, lb., \$2.40.....	.10	.25
Mrs. C. Lothian Bell. Large white.....	.15	1.00	Plumarius Double. Fine mixed.....	.15	1.0
Leucanthemum (Spring Marguerite).....	.10	.40	Cyclops. Best single.....	.10	.8
Early Flowering. Single mixed. 1000 seeds, 50c; ½ oz., \$1.00.....	.10	.50	Nanus fl. pl. Early-flowering sorts.....	.20	1.6
Cineraria Maritima Candidissima.....	.10	.50	Semperflorens. Single and double mixed.....	.15	1.2
Maritima, Diamond. Leaves pure white.....	.10	.50	Albus Plenus. Double white.....	.25	2.4
Clematis Jackmanii Hybrids.....	.10	1.60	Mrs. Sinkins. Double white.....	100 seeds, 60c	
Paniculata. White.....	lb. \$4.00	.10	Perfection (new). Very fine.....	.15	
Coreopsis Lanceolata . Golden yellow.....	lb. \$4.00	.10	Diadematus (new).....	.15	1.0
Lanceolata Grandiflora (Harvest Moon).....	lb. \$4.00	.10	Vaughan's Special Mixture.....	.20	1.6
Grandiflora Eldorado. Orange yellow.....	.15	.80	Dianthus Deltoides.....	.25	
Crucianella Stylosa . Bright crimson dwarf growing.....	.10	.30	Neglectus. Brilliant rose.....	100 seeds, 25c	
Daisy —See Bellis.			Dictamnus Fraxinella (Gas Plant). Red.....	lb., \$2.80	.05
Shasta Alaska. Best of all the Shasta Daisies.....	.25	1.50	Alba. White.....	lb., \$2.80	.05
Delphinium (Larkspur) Elatum Hybridum. Mixed.....	lb. \$4.00	.05	Caucasica. Rosy lilac.....	.10	.60
Belladonna. Light Blue.....	¼ oz., 60c	.25	Digitalis Grandiflora (Golden Foxglove).....	lb., \$3.00	.05
Hybrids.....	.25	2.00	Gloxiniæflora. Mixed.....	lb., \$4.00	.10
Elatum Hybridum. Double Hybrids. Mixed, very choice.....	.25	1.50	White, Pink, Purple.....	each	.10
Indigo.....	.50	5.00	Lanata.....	.10	.40
Formosum. Blue, 3 feet.....	.15	1.00	Maculata Iveryana. Spotted.....	.10	.40
Coelestinum. Sky-blue.....	.25	1.60	Purpurea Monstrosa. Mixed.....	.10	.40
Chinese. Single blue. Fine cut-flower.....	.10	.60	Purpurea Mixed.....	lb., \$3.00	.05
Single white.....	.10	.40	Vaughan's Special Mixture.....	.10	.60
Nudicaule. Scarlet.....	½ oz., 50c	.25	Dodecatheon Meadia (American Cowslip).....	.50	
Caucasicum. Sky blue.....	.10	.50	Echinacea Hybrida (Cone Flower).....	.15	1.00
Zalil. Sulphur yellow.....	½ oz., 50c	.25	Purpurea.....	.25	1.40
Cashmerianum. Dark blue.....	½ oz., 50c	.25	Echinops Ritro . Blue; fine.....	.05	.20
Speciosum Glabratum. Blue.....	.10		Sphaerocephalus. Light blue.....	.10	.30
Sibericum Hybridum. Blue shades.....	.15		Edelweiss (Gnaphalium Leontopodium).....	.15	
Vaughan's Special Mixture of Larkspur.....	.35	4.00	Erianthus Ravennae (Pampas Grass).....	.05	.30
Vaughan's Gold Medal Hybrids , Best English strain.....	.50	3.00	Erigeron Aurantiacus Hybridus . Large flowering hybrids of the Orange Daisy.....	.25	
			Grandiflora Elator. Bluish lilac.....	.10	.50
			Eryngium Amethystinum . Large blue flowers.....	.25	1.60



PLATYCODON



STOKESIA Cyanea



RUDBECKIA Purpurea Grandiflora

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

	Trade pkt.	Oz.		Trade pkt.	Oz.
POPPY —Continued					
Oriente (Oriental Poppy). Scarlet.....	\$0.10	\$0.60	<i>Salvia</i> Argentea. (Silver-leaved sage).....	\$0.10	\$0.30
Hybrids. New varieties, mixed.....	.10	.80	Patens. Sky-blue.....	.25	
Princess Victoria Louise. Soft lilac rose.....	.25		Azurea Grandiflora.....	.25	3.00
Bracteatum. Scarlet.....	lb., \$2.40	.05	<i>Santolina</i> Maritima. Silvery white foliage.....	.10	.50
Pentstemon <i>Gentianoides Grandiflora</i> . Newest large-flowering varieties in splendid mixture.....	.25	1.80	<i>Saponaria</i> <i>Ocymoides Splendens</i> . Clouds of pink flowers.....	.05	.40
Pubescens. Lilac.....	.10	.60	Caucasica fl. pl. (Bouncing Bet).....	.15	1.00
Pulchellus Hybridus.....	.10		<i>Scabiosa</i> <i>Caucasica</i> . Lavender.....	.25	2.60
Digitalis. Flesh colored.....	.05	.50	Caucasica Alba. White; fine cut-flower.....	.25	
Peony , Double Chinese. Mixed.....	lb., \$4.50	.10	Japonica. Lilac.....	.15	1.00
Phlox <i>Decussata</i> . Perennial varieties mixed.....	.25	1.20	Senecio <i>Clivorum</i>.....	.20	1.20
Physalis <i>Franchetti</i> . Large orange balloon-shaped fruit-pods.....	.10	.40	<i>Silene</i> <i>Orientalis</i> . Dark rose.....	.05	.15
Physosteria <i>Virginica</i> (<i>Speciosa</i>). Pink.....	.10	.60	Schafta. Purple.....	.25	
<i>Virginica</i> Alba. Fine cut-flower.....	.15	.80	Stachys <i>Lanata</i> . Silver leaves.....	.05	.15
Platycodon <i>Mariesi</i> . Dwarf blue.....	.20	1.20	<i>Statica</i> <i>Latifolia</i> . Blue.....	.10	1.00
<i>Mariesi</i> flore albo. White.....	.15	1.00	Tartarica.....	.10	.30
<i>Macranthum</i> (<i>majus</i>).....	.25	2.00	<i>Incana</i> . Dwarf Mixed.....	.05	.15
Grandiflorum . Blue.....	.15	1.00	Stipa <i>Pennata</i>.....	.10	.60
Album.....	.15	1.20	Stokesia <i>Cyanea</i> (Stokes' Aster). Blue.....	.25	1.00
Mixed. Single.....	.15	1.00	Alba.....	.25	1.00
Album Plenum. Double white (produces only a small percentage of double flowers).....	.25	2.80	Sweet William . See <i>Dianthus Barbatus</i> .		
<i>Coeruleum Plenum</i> . Double blue.....	.25	2.80	Thalictrum <i>Adiantifolium</i> (Meadow Rue).....	.25	1.60
Polemonium <i>Coeruleum Grandiflorum</i> . Blue.....	.10	.30	<i>Dipterocarpum</i> . Rosy purple.....	.25	2.00
<i>Coeruleum Album Grandiflorum</i> . White.....	.10	.30	Thermopsis <i>Caroliniana</i>.....	.15	1.00
Polyanthus , Giant Red Shades ("Chenies").....	.50		Tritoma <i>Uvaria Grandiflora</i>.....	.15	.60
Giant Yellow Shades.....	.50		Trollius <i>Europaeus</i> . Soft yellow.....	.20	1.00
Potentilla <i>Formosa</i> . Cherry rose.....	.10	.60	Valeriana <i>Rubra</i> fl. albo (Garden Heliotrope).....	.05	.35
Single mixed.....	.10	.60	<i>Rubra</i> fl. coccinea.....	.05	.35
Double mixed.....	.25	2.00	Verbascum <i>Olympicum</i> . Small golden yellow flowers.....	.10	.80
Miss Willmott.....	.25		Miss Willmott.....	.15	
Poppy . See Papaver.			Veronica <i>Spicata</i> . Mixed.....	.25	1.40
Primula <i>Japonica</i> . Mixed.....	½ oz., 65c	.25	<i>Spicata</i> <i>Rosea</i>.....	.15	
<i>Japonica</i> . Special strain.....	.25		<i>Elegans</i>.....	.35	
<i>Sieboldi</i> (<i>Cortusoides amoena grandiflora</i>).....	1,000 seeds \$1.15, 250 seeds, 40c		<i>Longifolia</i>.....	.10	.30
<i>Veris</i> . Fine mixed.....	.10	1.00	Viola <i>Odorata Semperflorens</i> . Blue.....	.15	1.00
Grandiflora . An extra choice strain; fine for pots for Easter sales.....	1,000 seeds, 35c; ½ oz., 60c		<i>Cornuta</i> , White Perfection.....	.20	1.80
<i>Lutea Gigantea</i> . Yellow.....	.25		Golden Yellow.....	.15	1.00
<i>Vulgaris</i> . Yellow Primrose.....	½ oz., 60c	.20	Blue Perfection.....	.15	1.40
Pueraria <i>Thunbergiana</i> (Kudzu Vine).....	lb., \$4.50	.10	Admiration. Dark blue.....	.15	1.50
Pyrethrum <i>Roseum</i> . Single mixed.....	.15	1.25	<i>Rosea</i>.....	.15	1.60
<i>Roseum Hybridum Grandiflorum</i> . A new giant-flowered strain.....	.25	1.60	<i>Mauve Queen</i>.....	.15	1.00
<i>Roseum Hybridum</i> . Double mixed.....	¼ oz., \$1.00	.25	<i>Thuringia</i> . Dark blue with white eye.....	.20	
<i>Roseum</i> . New Hybrids.....	½ oz., \$1.00	.50	Mixed.....	.10	1.00
<i>Uliginosum</i> . Fall bloomer.....	.25	2.20	Improved mixture of face types.....	.25	1.40
Rehmannia <i>Angulata</i> . Rose and red shades.....	½ oz., 50c	.25	Wahlenbergia . See <i>Platycodon</i> .		
Rheum <i>Palmatum Tanguticum</i> . Brown red leaves.....	.05	.25	Wallflower . Best double mixed.....	.25	2.00
Romneya <i>Coulteri</i> (Californian Giant Poppy).....	.25	1.00	Single mixed.....	lb., \$2.00	.05
Rosemary (<i>R. officinalis</i>).....	.10	.45	<i>Parisian Forcing</i>.....	.10	.30
Rudbeckia <i>Lacinata</i> . Yellow.....	.05	.25	Single Annual, Blood Red.....	.10	.40
<i>Newmannii</i> . Vivid yellow, a long bloomer.....	.15	.85	Annual. Yellow.....	.10	
<i>Purpurea</i> (<i>Echinacea</i>).....	.15	1.40	Wistaria <i>Chinensis</i>	lb., \$2.40	.10
<i>Grandiflora</i>.....	.25	1.50	Yucca <i>Filamentosa</i> (Adam's Needle).....	.10	.40
<i>Fulgida</i> . Yellow.....	.10	.60			
Large Flowered Yellow.....	.25	1.80			

SEED INSURANCE

The Best Seed, no matter what you pay for it, is the Cheapest Crop Insurance you can get; it is lower in actual cost than any other insurance, and in addition Secures You Against Disappointment and Waste.

ASPARAGUS—Bonvallet's Giant

Bonvallet's Giant is the one really great Asparagus on the market, whether cut green or blanched. Our seed is usually sold out before the planting season is half

over, so great is the demand for this one of our well known specialties. Order early, plant it sure, it is a great money maker for the market grower. Price, oz. 15c, ¼ lb. 35c, lb. \$1.25.

EARLY GIANT ARGENTEUIL

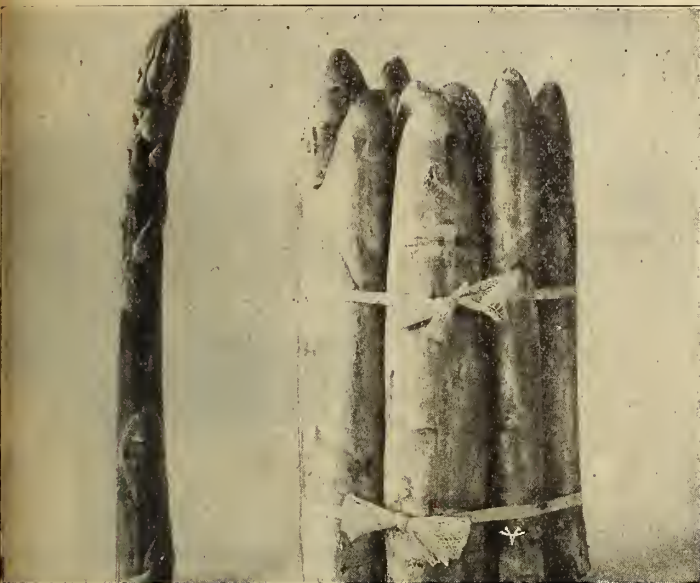
We import direct from one of the largest plantations near Paris. This sort is very large and is splendid for either green or white grass. Price, Oz. 10c, ¼ lb. 25c, lb. 75c.

Asparagus Seeds March or April is the time to sow Asparagus Seed and it should be sown in good, rich, mellow soil. As soon as the ground can be worked the seed should be planted in drills one foot part and then covered with earth from ½ to ¾ of an inch deep.

	Oz.	¼ lb.	Lb.
Conover's Colossal	\$0.10	\$0.15	\$0.40
Barr's Mammoth	.10	.15	.40
Palmetto	.10	.15	.40
Columbian Mammoth, white	.10	.20	.50
Early Giant Argenteuil	.10	.25	.75

ASPARAGUS ROOTS

	Per 100	Per 1,000
Bonvallet's Giant.		
1-year-old Roots	\$0.65	\$ 5.00
2-year-old Roots	1.00	8.00
3-year transplanted	2.25	18.50
Palmetto.		
1-year-old Roots	.45	3.75
2-year-old Roots	.65	5.00
3-year transplanted	1.50	12.00
Conover's Colossal.		
1-year-old Roots	.45	3.75
2-year-old Roots	.65	5.00
3-year transplanted	1.50	12.00
Columbian Mammoth, white		
2-year-old Roots	.75	5.50
3-year transplanted	1.50	12.00
Barr's Mammoth.		
2-year-old Roots	.75	5.50
3-year transplanted	1.50	12.00
Giant Argenteuil.		
2-year-old Roots	.80	6.00
3-year transplanted	1.65	15.00
Artichoke, Green Globe. Pkt., 10c, oz. 75c.		



BONVALLET'S GIANT—Compared with Ordinary Sort.

VAUGHAN'S BEANS

A few types toward which we select our beans are shown in the illustration. Our growing station is at Ovid, Mich. Reading left to right, Wardwell's Wax, Davis Wax, Longfellow, Stringless Green Pod, Black Valentine.

On account of the short bean crop we are pricing beans only by the peck this year. We reserve the right to reject orders for beans alone. Our prices are lower in many cases than the wholesale prices to seedsmen, kept so purposely for our regular customers.

GREEN POD BEANS

	2 lbs. Qt.	7½ lb. ½ Pk.	15 lbs. Peck
Black Valentine	\$0.40	\$1.25	\$2.50
Improved Earliest Valentine	.40	1.40	2.75
Longfellow	.40	1.25	2.50
Extra Early Refugee	.40	1.25	2.50
Early Round Pod Six Weeks	.40	1.25	2.50
Early Mohawk	.40	1.25	2.50
Refugee, 1000 to 1	.45	1.50	3.00
Long Yellow Six Weeks	.40	1.25	2.50
Stringless Green Pod	.45	1.50	3.00
White Marrow	.40	1.25	2.50
White Kidney	.40	1.25	2.50
Red Kidney	.40	1.25	2.50
Dwarf Horticultural	.40	1.40	2.75
English or Broad Windsor	.40	1.40	2.75
Improved Navy	.35	1.15	2.25
Triumph of the Frames, for forcing	.65		
Bountiful (new)	.40	1.40	2.75
Giant Stringless Green Pod	.45	1.60	3.25
Full Measure	.45	1.60	3.25
Stringless Refugee (1,000 to 1)	.45	1.50	3.00

BUSH LIMA BEANS

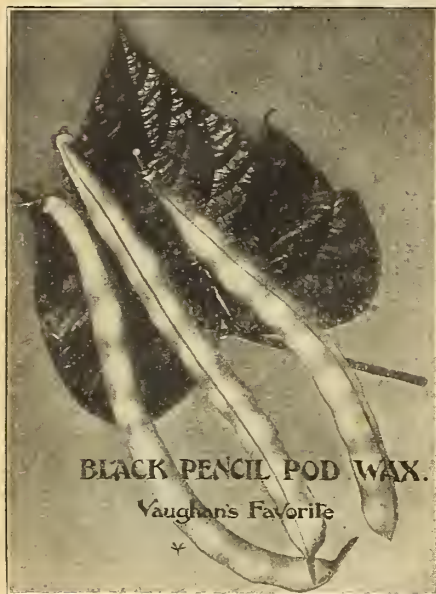
In the small early Sieva type—Henderson's Bush Beans; for Potato type—the New Fordhook or Dreer's Bush Lima; for large Limas—New Wonder, Burpee's Improved and Burpee's Bush Lima, are the best sorts.

	2 lbs. Qt.	7 lb. ½ Pk.	14 lbs. Pk.	100 lbs.
Henderson's Bush Lima	\$0.35	\$1.00	\$2.00	\$14.00
Burpee's Bush Lima	.35	1.00	2.15	15.00
Dreer's Bush Lima	.40	1.25	2.25	16.00
New Wonder Bush Lima	.35	1.10	2.15	15.00
Fordhook Bush Lima (new)	.40	1.20	2.40	17.00
Burpee's Improved Bush Lima (new)	.40	1.25	2.40	17.00



TYPES OF STRING BEANS

BEANS Bush Wax Variety



BLACK PENCIL POD WAX.
Vaughan's Favorite

THE PRINCIPAL WAX VARIETIES—Crop Very Short

The principal wax varieties used by market gardeners are: Flat Pods—Davis Kidney Wax, having long straight pods, and white seeds, very prolific, does best on light soil; Wardwell's Kidney Wax, early stringless, pods about 5½ inches long, very productive, best adapted to a heavy soil; Hodson, a late season, wonderfully prolific wax bean, pods very similar to Davis. Round Pods—Among the earliest: Round Pod Kidney Wax, Stringless and Prolific Black Wax—for a main crop: Pencil Pod, Currie's Rust Proof, Improved Golden Wax, Valentine Wax, a very early variety in the South; Horticultural Wax, early as Wardwell's, hardier, but not stringless.



DAVIS KIDNEY WHITE WAX

	2lbs.	½ Pk. (7½ lbs.)	Pk. (15 lbs.)
Currie's Rust Proof.....	\$0.55	\$1.50	\$3.00
Challenge Black Wax.....	.55	1.75	3.50
Davis Kidney Wax.....	.55	1.75	3.50
Flageolet Wax.....	.65	1.90	3.75
Golden Eye Wax.....	.55	1.75	3.50
Hodson Wax.....	.60	1.90	3.75
Improved Golden Wax.....	.55	1.75	3.50
Pencil Pod Wax.....	.55	1.75	3.50
Prolific German Black Wax.....	.55	1.75	3.50
Round Pod Kidney Wax.....	.60	1.90	3.75
Stringless Refugee Wax.....	.60	1.90	3.75
Valentine Wax.....	.55	1.75	3.50
Wardwell's Kidney Wax.....	.60	2.00	4.00
Michigan White Wax. (New).....	.60	2.00	4.00
Sure Crop. (New).....	.60	1.90	3.75
Webber Wax.....	.60	1.75	3.50

POLE BEANS

	2lbs.	1.15	2.25	100Lbs.
GREEN POD—Burger's Stringless.....	.40	1.15	2.25	\$16.00
Dutch Case Knife.....	.30	.90	1.75	12.00
Horticultural Cranberry.....	.40	1.15	2.25	15.00
Kentucky Wonder or Old Homestead.....	.40	1.15	2.25	15.00
Lazy Wife.....	.60	.....	.....	.....
White Creaseback.....	.35	.95	1.85	12.00
WAX POD—Early Golden Cluster Wax.....	.45	1.50	3.00	20.00
Kentucky Wonder Wax.....	.40	1.25	2.50	16.50

	2 lbs.	½ pk. (7 lbs.)	pk. (14 lbs.)
POLE LIMA—Carpinteria.....	.40	1.10	2.15
Dreer's Improved Lima.....	.35	.95	1.85
Extra Early Jersey Lima.....	.30	.90	1.75
Early Leviathan Lima.....	.40	1.10	2.15
Ford's Mammoth Lima.....	.30	.90	1.75
Ideal Pole Lima.....	.40	1.10	2.15
King of the Garden Lima.....	.35	.95	1.85
Large Lima, Selected Seed.....	.30	.90	1.75
Siebert's Early Lima.....	.30	.90	1.75
Scarlet Runner, 2 lbs., 40c; ½ pk. (6½ lbs.), \$1.00; pk. (12½ lbs.), \$2.00;			

100 lbs., \$15.00.

BEETS



Crosby's Egyptian.

The best early market Beet. The color is deep red, almost black, and the flesh is of much finer quality than the Old Flat English, being sweeter and smoother. For small beets for early market it has no equal. It reaches marketable shape earlier than any other, and has large tops, so that bunching is easy.

CROSBY'S EGYPTIAN, Vaughan's Selected Stock. Oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lb., \$4.50.

CROSBY'S EGYPTIAN, Regular Stock. Oz., 10c; ¼ lb., 25c; lb., 75c; 5 lb., \$3.50.

DETROIT DARK RED TURNIP.

A grand Beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin dark red; flesh bright red; Quality is of the very best; tender and lasting. One of the best for the market gardener.

VAUGHAN'S Selected Stock. Oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

CRIMSON GLOBE.

One of the most popular sorts with Market Gardeners for a main crop variety. The roots are medium size; almost globe shape and entirely free from rootlets, leaving the skin entirely smooth. The flesh, blood red, slightly zone, and of highest quality.

	Price, ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.	¼ lb.	lb.	5 lbs.
Arlington.....	\$0.20	\$0.65	\$3.00	
Improved Early Egyptian.....	.25	.75	3.50	
Eclipse Extra Select Stock.....	.25	.75	3.50	
Vaughan's Chicago Market. Sold out.....	.....	.....	.....	.....
Dewing's Early Blood Turnip, Select.....	.25	.65	3.00	
Half Long Blood Red. Very Deep Red.....	.25	.65	3.00	
Long Smooth Dark Blood.....	.25	.65	3.00	
Edmund's Turnip. Select Stock.....	.25	.75	3.50	
Electric, true. Early as Egyptian, round, rich red.....	.25	.75	3.50	
Fireball.....	oz. 15c .40	1.50	.....	.....
MANGEL—Vaughan's Mammoth Long Red.....	.15	.50	4.50	
Champion Yellow Globe.....	.15	.50	4.50	
Golden Tankard.....	.15	.50	4.50	
Giant Yellow Intermediate.....	.15	.50	4.50	
Giant Eckendorf.....	.20	.55	5.00	
Giant Half Sugar Rose.....	.15	.50	4.50	
Barres Sludstrup. Danish Crown.....	.20	.60	5.50	
SUGAR BEETS—Vilmorin's Imperial White.....	.15	.50	4.50	
French Red Top.....	.15	.50	4.50	
Lane's Improved White.....	.15	.50	4.50	
Klein's Wanzleben. Best German.....	.15	.50	4.50	
BORECOLE or KALE—Dwarf Green Curled.....	.10	.20	.70	
Tall Green Scotch.....	.10	.20	.70	
Siberian.....	.10	.15	.50	
Vaughan's Excelsior Moss Curled, best.....	.20	.35	1.25	
BROCCOLI—Purple Cape.....	.35	1.10	4.00	
White Mammoth.....	.30	.85	3.00	
BRUSSELS SPROUTS—Paris Market.....	.15	.45	1.60	
Improved Dwarf.....	.15	.45	1.60	
Improved Danish.....	.20	.60	2.25	

ONE OF OUR
LEADING SPECIALTIES

CABBAGE

VAUGHAN'S SURE
HEADING SEED

NOTE.

We supply the most critical market gardeners in the United States, whose success depends upon buying the best, with our well known special stocks of Cabbage Seed. No greater proof of quality, than increasing business with experts.



Vaughan's
Dutch Winter
or Hollander



Early
All Head
Cabbage

WINTER OR DUTCH HOLLANDER

ALL HEAD OR FAULTLESS

Earliest Large Flat Head

This Cabbage leads in popularity, and it does so for the reason that it is a sure-to-head sort.

The heads are uniform in shape, large size and of remarkably good quality. Fine for Kraut.

It is a flat head cabbage, has few outer leaves, permitting closer planting to the acre than is possible with other varieties. It is early, so it combines the necessary features of a profit making sort. Everything considered it is the best one variety cabbage. Oz 25c, 2 ozs 45c, ¼ lb 75c, 1 lb \$2.50.

DANISH BALL HEAD

Our strain of this cabbage is grown for us in Denmark by the most reliable grower there. It is the best late cabbage, for late spring sale and for shipping.

Has long stem, medium size head, extremely solid, long keeper. Oz 25c, 2 ozs 40c, ¼ lb 70c, 1 lb \$2.50.

Early Oblong Varieties

	Oz.	2-oz.	¼ lb.	Lb.
Early Jersey Wakefield.....	\$0 30	\$0 50	\$0 75	\$2 50
Extra Early Express.....	15	25	50	1 60
Extra Early Estampes.....	15	25	50	1 60
Early Winnigstadt.....	20	30	50	1 75
Early York.....	15	25	40	1 60

Early Flat and Round Varieties

	\$0 35	\$0 60	\$0 90	\$3 50
Copenhagen Market.....	20	35	50	2 00
Early Spring.....	20	35	50	2 00
Early Summer.....	20	35	50	2 00
Early Flat Dutch.....	20	35	50	2 00
New Early Flathead.....	25	45	70	2 50
Succession.....	20	35	50	2 00
Vandergaw or All Seasons.....	20	35	50	2 00

Main Crop Sorts

	\$0 35	\$0 50	\$1 75
Fottler's Improved Brunswick.....	\$0 20	\$0 35	\$0 50
Vaughan's Premium Flat Dutch, 5 lbs., \$9.00.....	20	35	50
Warren's Improved Stone Mason.....	20	35	50
Chinese or Celery Cabbage.....	40	75	1 25
Autumn King or World Beater.....	20	35	50
The Lupton.....	20	35	50
Bridgeport Drumhead.....	20	35	50
Large Late American Drumhead.....	20	35	50
Louisville Drumhead.....	20	35	50
Marblehead Mammoth.....	20	35	50
Surehead.....	20	35	50
All Head.....	25	45	75
Improved American.....	25	40	65
Iron Head.....	25	40	65
Marvin's.....	20	35	50
Small Early Ulm.....	20	30	50
Black Diamond.....	30	55	85
Extra Early Red Dark Erfurt.....	20	35	50
Dark Red Dutch.....	25	40	65
Mammoth Rock Red.....	20	35	50
Red Drumhead.....	20	35	50
Zenith Red.....	30	55	85
Danish Stonehead (new).....	35	60	1 00

VAUGHAN'S SELECT EARLY JERSEY WAKEFIELD

This is the best early cabbage in cultivation. It forms fine solid heads of good size and pointed shape, not many outer leaves. Of the extra early conical shaped head varieties, this is the best in the United States.

We offer an extra fine strain of this seed, grown from selected hard heads. Oz 30c, 2 ozs 50c, ¼ lb 75c, 1 lb \$3.00.

LARGE JERSEY OR CHARLESTON WAKEFIELD

This sort is larger heading than the Early Jersey Wakefield. It matures a few days later, with larger heads; brings higher prices in the market.

It is popular with Southern planters. Re-selected seed. Oz 30c, 2 ozs 50c, ¼ lb 75c, 1 lb \$2.50.

DUTCH WINTER OR HOLLANDER

HOLLAND GROWN

This cabbage is most universally grown throughout the Wisconsin, Michigan, Illinois and Indiana Cabbage growing districts.

The heads are very solid, but not large, they are the right size and shape to meet the demands of the consuming public. Short stem.

Our strain of this cannot be surpassed; it has produced most successful results in every district. Oz 30c, 2 ozs 55c, ¼ lb 85c, 1 lb \$3.00.

DUTCH WINTER OR HOLLANDER

DANISH GROWN

Vaughan's Private Stock Seed, a strain grown for us from selected seed heads, the best picked from the field. Grown in Denmark exclusively for Vaughan's Seed Store. Oz 40c, 2 Ozs 65c, ¼ lb. \$1.15, 1 lb. \$4.00.

DWARF AMAGER OR SHORT STEMMED

DANISH BALL HEAD

A variety very similar to the Dutch Winter or Hollander. We import the Seed direct from Amager Island, Denmark. Oz 25c, 2 ozs 40c, ¼ lb 70c, 1 lb \$2.50.

VAUGHAN'S BRIDGEPORT DRUMHEAD

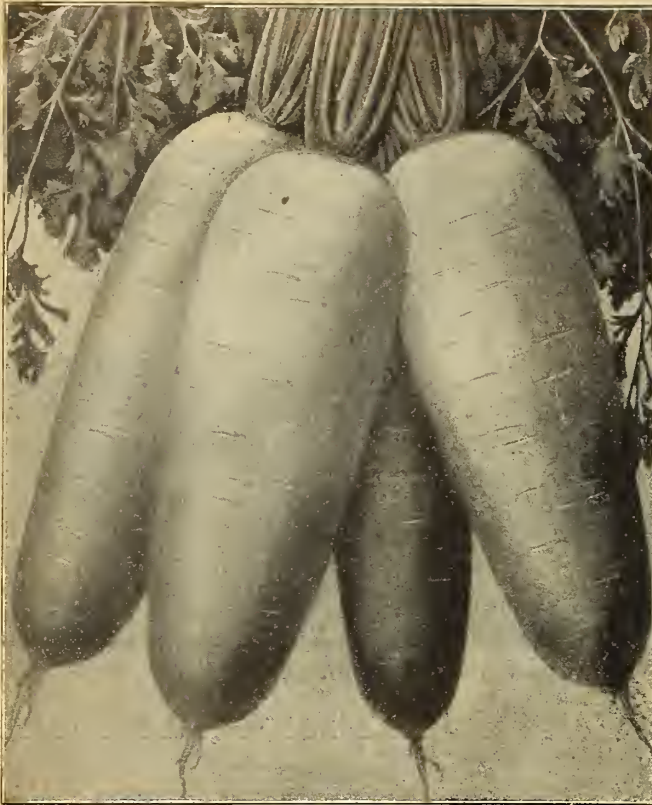
The best large, fall shipping cabbage in existence. Our strain of this cabbage, of which we are the introducers, has been selected by us for twenty years, and the original type has not only been kept up but improved. A field of them is more uniform than any other sort.

Fine for slicing, for Kraut; for general table use it is unsurpassed. Oz 20c, 2 ozs 35c, ¼ lb 50c, 1 lb \$2.00.

Glory of Enkhousen. A round-headed, very solid, fine ribbed, best quality early cabbage. We think this about the earliest heading, long keeping, early sort. It might be called a late strain of Second Earlies. Live gardeners should give it a trial. Oz. 25c, 2 ozs. 40c, ¼ lb. 70c, 1 lb. \$2.50.

Danish Summer Ball Head. This is the Danish Ball Head of early cabbages. It closely resembles the Winter Ball Head, except that it is smaller and may be brought in with the very early flat head sorts. There is a trace of curliness in its outer leaves and a delicate flavor that suggests Savoy blood. Our market gardeners who have tried this are very enthusiastic. 1 oz. 25c, 2 ozs. 40c, ¼ lb. 70c, 1 lb. \$2.50.

For full descriptions see our large illustrated descriptive catalog.



EARLY CHANTENAY

CARROTS
FOUR LBS. TO THE ACRE

For early bunching, gardeners will find Chantenay unsurpassed. For general crops, our Select Danvers; for feeding, Mastodon and Belgians.

Our Carrot Seed is raised by the most careful and experienced growers, who know the importance of selection. The Early Scarlet Forcing is the earliest, followed by Early Short Scarlet, about three inches long; Oxheart, Nantes, and Chantenay follow, these being from four to six inches. Select Danvers is a little longer, and Long Orange the longest of all.

The present season's crop in Europe is a practical failure. Order your supply early.

CHANTENAY.	Oz.	¼ Lb.	Lb.	5 Lbs.
The best for early bunching purposes.....	\$0.15	\$0.40	\$1.25	\$5.75



CAULIFLOWER—Dry Weather



VAUGHAN'S SELECT DANVERS

VAUGHAN'S SELECT DANVERS The Gardener's favorite strain. This has been one of our special strains of seed during our 38 years in business. As a Carrot to fill every general purpose it is unexcelled. Since it has been bred for the greatest yield per acre, it will produce a larger amount of marketable roots than any other kind—due to its ideal shape for producing the largest possible root in a given space. The roots are a rich orange color, 6 to 7 inches long with a blunt point.

VAUGHAN'S SELECT DANVERS.	Oz.	¼ Lb.	Lb.	5 Lbs.
Best strain of this sort. Uniform. Good color and a splendid yielder.....	\$0.15	\$0.40	\$1.25	\$6.00
Ins. Long.				
2. Very Early Scarlet (French Horn).....	.20	.45	1.50	7.00
4. Early Short Stump Rooted (Dutch Horn)...	.15	.40	1.25	6.00
5. Guerande or Oxheart.....	.15	.35	1.10	5.00
6. Nantes Half Long Scarlet, stump rooted..	.15	.35	1.10	5.00
8. Danver's Half Long, regular stock.....	.15	.35	1.10	5.00
14. Improved Long Orange.....	.15	.35	1.10	5.00
10. White Intermediate or Mastodon.....	.10	.25	.75	3.00
16. Long White Belgian, green top.....	.10	.25	.75	3.00
16. Long Orange Belgian.....	.10	.25	.75	3.00

CAULIFLOWER No seed is more important than this. It is one of the seeds in buying, in which price should never be questioned.

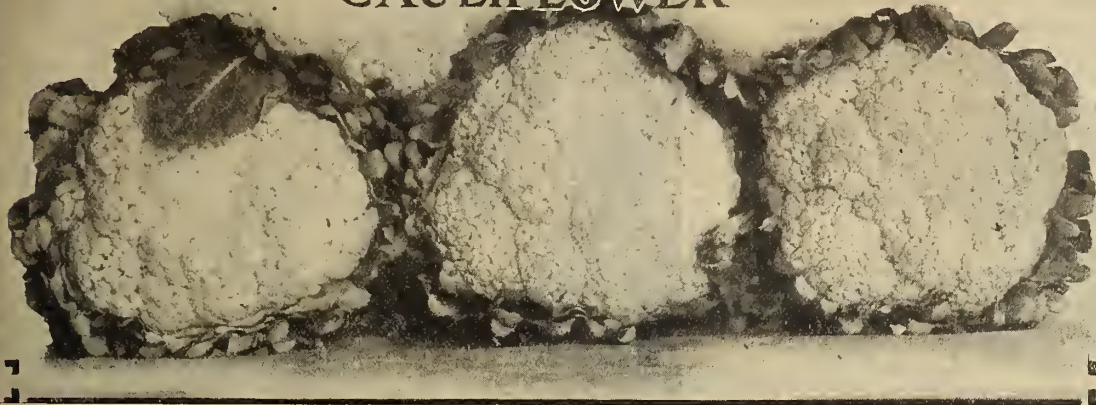
Vaughan's Earliest Dwarf Erfurt Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort. Pkt., 20c.; ¼ oz., 50c.; oz., \$1.75; ¼ lb., \$7.00; lb., \$26.00.

Dry Weather For dry climates and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow white. Pkt., 20c.; ¼ oz., 60c.; oz., \$2.00.

Danish Snowball This is a grand second early. It is the result of long, careful selection, and uniformly produces even regular heads. Through many seasons it has proven itself reliable. Pkt., 10c.; ¼ oz., 60c.; oz., \$1.50; 2 oz., \$2.75; ¼ lb., \$5.00; lb., \$20.00.

	Oz.	¼ Lb.	Lb.
Danish Snowball, Pkt., 10c; ¼ oz., 60c; 2 oz; \$2.75	\$1.50	\$5.00	\$20.00
Extra Early Paris.....	.40	1.50	
Half Early Paris, a standard sort.....	.40	1.50	
Algiers, large late.....	.45	1.75	
Lenormand's Short Stem Mammoth.....	.50	2.00	
Autumn Glant, very large and productive.....	.70	1.00	
Extra Early or Second Erfurt, Pkt., 10c; ¼ oz., 35c	1.25	4.50	16.00
Large Early Erfurt, ¼ oz., 30c	.75	2.50	
Vaughan's New Snowball, Pkt., 25c; ¼ oz., 65c;			
½ oz., \$1.25.....	2.00	8.00	32.00

VAUGHAN'S NEW SNOWBALL CAULIFLOWER



THE seed of this strain was saved with the greatest care only from perfectly developed heads, which yield but little seed. Good Cauliflower seed is always high in price; cheap Cauliflower is a poor investment, because it cannot be good.

The best seed of this type of Cauliflower comes from Amager Island, near Copenhagen, Denmark. There the winters are mild, causing little loss from rot in the seed heads, and the cool, moist summers give ideal growing conditions for this vegetable.

Available ground is scarce and values high, so intensive culture is necessary.

Vaughan's Snowball is the result of years of careful selection by an experienced and most painstaking gardener, under these conditions.

Vaughan's New Snowball Cauliflower is a specialty of our house. It is on such particular seed as Cauliflower, in which the least variance from the true strain results in great injury to the grower, that a seed house builds up its reputation. We know our Cauliflower is the equal of anything that can be produced. In our trial ground tests we have tried nearly every strain of cauliflower offered on the market and, while we have found a few equals, we have never found a superior to Vaughan's Snowball. We pay more for our seed than probably does any large seed house in the United States just so that we can have it as near perfection as it is possible for man to grow it. High bred Cabbage and Cauliflower does not germinate as well as less carefully bred strains. Nevertheless we have taken such pains to reclean and re-sift our seeds after receiving them from the grower that our seed is always up to standard of growth. Head usually 9 to 10 inches across, perfectly white and very solid, deep and compact.

Vaughan's New Snowball. Pkt., 25c; 1/4 oz., 65c; 1/2 oz., \$1.25; oz., \$2.00; 1/4 lb., \$8.00; lb., \$32.00.

Vaughan's New Snowball Cauliflower is put up in special packages, sealed with our TRADE MARK with distinctive paper and printing, as follows: PACKETS, QUARTER OUNCES, HALF OUNCES, ONE OUNCES.

Vaughan's New Snowball Cauliflower

The best general purpose variety either for Spring or Fall planting.

White Plume, Self-Blanching—Vaughan's Selected Stock

We have not yet found a Celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell large quantities of this seed to market gardeners, who find it uniformly white and free from green or hollow stalks. It is not a good keeper, but it is excellent for Fall and early winter use. 1/2 oz., 12c; oz., 20c; 2 oz., 30c; 1/4 lb., 50c; lb., \$2.00.

WHITE PLUME.—Regular Stock. 1/2 oz., 10c; oz., 15c; 2 oz., 25c; 1/4 lb., 40c; lb., \$1.50.

Golden Self-Blanching—Vaughan's Selected Stock

This is the best Celery for early use. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing dwarter and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness, and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. 1/2 oz., 60c; oz., \$1.00; 2 oz., \$1.85; 1/4 lb., \$3.50.

GOLDEN SELF-BLANCHING—Regular Stock. 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.50; lb., \$6.00.

"Winter Queen" This is without doubt the most valuable variety of Celery for Winter and Spring use. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is of close habit and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Grow Winter Queen once and you will always grow it. 1/2 oz., 12c; oz., 20c; 1/4 lb., 50c; lb., \$2.00.

Vaughan's Giant Golden Heart The best Celery for Winter Storage. Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart; grows much larger than its parent. Oz., 15c; 2 oz., 25c; 1/4 lb., 40c; lb., \$1.50.

STANDARD CELERIES

	Oz.	2 oz.	1/4 lb.	Lb.
Giant Pascal. Self-blanching and a fine keeper. Best for Winter.	\$0.15	\$0.25	\$0.40	\$1.50
Chicago Giant Self-Blanching. Largest early white.	.25	.45	.80	3.00
Dwarf Golden Heart. An old favorite; large and solid.	.15	.25	.40	1.50
Pink Plume. Similar to White Plume, except color.	.20	.30	.50	2.00
Rose Ribbed Paris. Very handsome. Best of this class.	1/2 oz., 30c	Short crop		
Evans' Triumph. A large, solid Winter sort.	.15	.25	.40	1.50
Perfection Heartwell. Very large and solid; an excellent variety.	.15	.25	.40	1.50
Solid Ivory or Kalamazoo. Half dwarf, white, late and solid.	.15	.25	.40	1.50
Crawford's Half Dwarf. Solid yellowish-white, fine flavor.	.15	.25	.40	1.50
French's Success. A fine keeping late white.	.25	.45	.80	3.00
Boston Market. Very dwarf and white.	.15	.25	.40	1.50
Perle le Grand. A fine large, Winter, golden-hearted sort.	.15	.25	.40	1.50
Far Superior Many Heart. Late, popular around Philadelphia.	.15	.25	.40	1.50
Schumacher. Firm, golden-yellow heart, immense size, good keeper.	.15	.25	.40	1.50
Giant White. Solid and late. Tall, of large size, pure white.	.15	.25	.40	1.50
Old Seed, for flavoring.			.15	.50
Smallage. Green, for soups.	.12	.20	.35	1.25

CELERIAC, TURNIP ROOTED CELERY

Delicatess. Produces perfectly smooth, oval roots with very few side roots. A delicious flavor, much superior to other sorts. Pkt., 10c; 2 for 15c; oz., 35c; 1/4 lb., \$1.00.

Large Erfurt. A standard large growing variety. Oz., 20c; 1/4 lb., 65c; lb., \$2.50.

Earliest of All. Very early, ready in June. Pkt., 10c.

Giant Prague. (Prager Reisen Sellerie.) The largest of all Celeries. Flavor excellent. Price, Oz., 25c; 1/4 lb., 60c; lb., \$2.25.

Peoria Ill, July 13, 1916.
 "For several seasons past we have grown Vaughan's Telephone Peas, but never had such a crop as they produced this year. I enclose a small photograph of a section of a row and if you will note the two-yard sticks, you will see that many of the vines exceed 6 feet."
 R. BAILEY CARSON.



WHITE PLUME, Vaughan's Selected Stock.

VAUGHAN'S CELERY MANUAL—

Written by a practical grower of 20 years' experience. Revised and published by J. C. Vaughan. Price, post-paid, 50c. Will be sent free if requested with a Celery seed order of \$3.00 or with any general order for other seeds amounting to \$5.00.

SWEET CORN

Vaughan's
Extra Selected

CROP IS THE SHORTEST FOR MANY YEARS
THE FOUR BEST GARDEN VARIETIES

Mammoth White Cory. One of the largest and best extra early varieties. Each stalk furnishes two or more large fine shaped ears ready days before other large sorts. The ears are 12 rowed, very symmetrical and handsome, with no opening between the rows at the base. The grain is large, broad, very white and of remarkably good quality for such an early sort. The size and beauty of this variety gives it ready sale even when the market is over stocked. Vaughan's Special strain is early and large. Qt., 30c; ½ pk., \$1.00; pk., \$2.00; bu., \$8.00.

Improved Early Champion. The Earliest Large Sweet Corn Produces ears 12 in. long in 60 days. The new variety is without question the earliest large sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth; 12 rowed; pure white kernels, with medium size white cob; very sweet, tender and full of milk; yielding two and three ears to the stalk. The best kind for early and late planting. Qt., 35c; ½ pk., \$1.15; pk., \$2.25; bu., \$9.00

Stowell's Evergreen. The most popular main crop Sweet Corn. Ears numerous, kernels large, deep white and of fine flavor. A late sort. To supply the right seed of this favorite has been our effort for many years. Seed grown near the Eastern Atlantic Coast has always shown by its flavor and shriveled, ripened kernels the highest percentage of sugar known. We offer both selected seed from Eastern grown stock and Western grown seed from original Eastern stock. Eastern grown. Qt., 50c; ½ \$1.65; pk., \$3.25; bu., \$13.00. Western grown. Qt., 45c; ½ pk., \$1.50; pk., \$3.00; bu., \$12.00.

Country Gentleman. One of the sweetest of all Sweet Corn, and also one of the most productive sorts, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white, cob small, kernels deep, ears average nine inches in length. Qt., 50c; ½ pk., \$1.75; pk., \$3.50; bu., \$14.00.

EXTRA EARLY VARIETIES

	Qt.	½ Pk.	Pk.	Bu.
Early Iowa. The earliest large corn.....	\$0 35	\$1 00	\$2 00	\$8 00
Malakoff. The earliest of all.....	35	1 00	2 00	8 00
Peep O' Day. Very early.....	30	1 00	2 00	8 00
Golden Bantam. Yellow, very sweet.....	45	1 50	3 00	12 00
Premo. One of the earliest sweet.....	30	1 00	2 00	8 00
Adams. Extra early, not sweet but early.....	20	45	85	3 25
Adams Early. A little later than preceding.....	20	45	85	3 25
Early Cory. or First of All. Very early.....	30	90	1 75	7 00
Minnesota. Nearly as early as Cory.....	30	90	1 75	7 00
Crosby's Extra Early. Of very best quality.....	50	1 75	3 50	14 00
Perry's Hybrid. Large and early.....	35	1 15	2 25	9 00
Metropolitan. Large and early and productive.....	35	1 15	2 25	9 00

CUCUMBERS

Improved Long Green. Selection from Long Green. Vines vigorous and productive, nearly as large as the Shorter Sort; fruit about 12 inches long, firm and crisp. Young fruits make excellent pickles, and when ripe the best sweet pickles. Oz., 15c; ¼ lb., 30c; lb., 90c.
Cool and Crisp. Skin dark green, almost black, covered with knobs, on which the spines set, giving the pickles a very attractive appearance. Very early and prolific, as a cucumber it is splendid. Oz., 10c; ¼ lb., 25c; lb., 75c.

PICKLING VARIETIES

Westerfield's Chicago Pickle. One of our specialties. The leading pickling concerns in the country buy our selected seed, it is the best. Oz 10c, ¼ lb 25c, lb 80c.
Snow Fancy Pickling. Our selected strain of the Chicago pickle—true stock. Oz 10c, ¼ lb 30c, lb 90c.
Vaughan's XXX Pickling. A fine pickle sort, easy to pick, the fruits protruding from beneath the foliage. Oz 10c, ¼ lb 25c, lb 80c.
Nichols Medium Green. Oz 10c, ¼ lb 25c, lb 75c.
Jersey Pickling. A popular pickle. Oz 10c, ¼ lb 25c, lb 80c.
Cumberland Pickle. A white spine. Oz 10c, ¼ lb 25c, lb 75c.
Extra Early Green Prolific. Dark green. Oz 10c, ¼ lb 25c, lb 75c.
Fordhook Pickle. Medium size, very prolific. Oz 10c, ¼ lb 25c, lb 75c.
Green Prolific or Boston Pickling. Oz 10c, ¼ lb 25c, lb 75c.



West India Gherkin. Very small with many spines. Oz 15c, ¼ lb 40c, lb \$1.35.
Early Frame. Short green sort. Oz 10c, ¼ lb 25c, lb 75c.
Other Sorts
Emerald. Smooth dark green. Oz 10c, ¼ lb 25c, lb 80c.
Early Cluster. Small fruit, borne in clusters. Oz 10c, ¼ lb 25c, lb 75c.
Japanese Climbing. Small fruits, very prolific. Oz 15c, ¼ lb 30c, lb \$1.00.



STOWELL'S EVERGREEN

SECOND EARLY VARIETIES

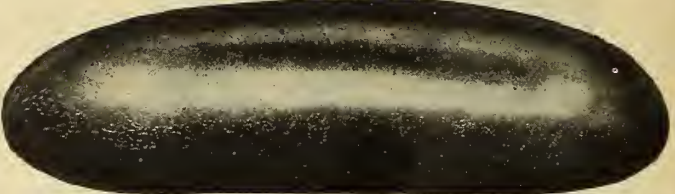
	Qt.	½ Pk.	Pk.	Bu.
Early Mammoth. Earlier than late Mammoth.....	\$0 35	\$1 25	\$2 50	\$10 00
Moore's Early Concord. Still hard to beat.....	35	1 25	2 50	10 00
Old Colony. Ten days earlier than Evergreen... ..	45	1 50	3 00	12 00
Early Evergreen. Second early large corn.....	40	1 50	3 00	12 00

LATE OR GENERAL CROP VARIETIES

	Qt.	½ Pk.	Pk.	Bu.
Black Mexican. Fine for home use.....	\$0 35	\$1 15	\$2 25	\$9 00
Hickox. A splendid canning sort.....	35	1 25	2 50	10 00
White Evergreen. Excellent for main crop.....	50	1 65	3 25	13 00
Late Mammoth. The largest of all, very sweet... ..	35	1 25	2 50	10 00
Sweet Fodder. Write for prices on large lots.....	30	1 00	2 00	8 00

USEFUL VEGETABLES

	Pkt.	Oz.	¼ Lb.	Lb.
Chervil.....		\$0 10	\$0 40	\$1 25
Chicory, Magdeburg.....		15	45	1 50
Chicory, Witloof.....		25	75	2 50
Corn Salad. Round leaved, large seeded.....		10	25	75
Cress. Curled Garden.....		05	15	50
Cress. Water Cress.....	\$0 10	30	..	..
Upland Cress.....		10	20	65
Collards.....		10	25	75



IMPROVED LONG GREEN

WHITE SPINE STRAINS

Evergreen, or Extra Long White Spine. One of the best table sorts, splendid for forcing under glass. A strain producing fruits frequently 12 in. long, smooth, round, handsomely colored, very regular in size and form, excellent quality. Oz., 10c; ¼ lb., 25c; lb., 80c.
Davis Perfect. The finest type of extra long white spine. Our seed is raised under our direct supervision. Oz., 15c; ¼ lb., 30c; lb., 90c.
Vaughan's Famous Arlington. The best of all medium length White Spine Cucumbers. Oz., 15c; ¼ lb., 30c; lb., 90c.
Improved White Spine. Medium length, vines vigorous, very productive, even shaped fruits, light green. Oz., 10c; ¼ lb., 25c; lb., 75c.
Early Cyclone. Early, short, of dark green color which it holds well. The earliest of all Cucumbers. Oz., 10c; ¼ lb., 25c; lb., 80c.
Boston Forcing White Spine (Vaughan's). Darker than Arlington. More slender and smooth; very fine and regular in form. Length 10 to 11 in. Oz., 15c; ¼ lb., 30c; lb., 90c.
Fordhook Famous. Extra long, good dark green color. One of the best for market gardeners. Oz., 15c; ¼ lb., 30c; lb., 90c.
Rockyford. Selection of Extra Long White Spine. Very prolific. Retains color well; a shy seeder. Oz., 10c; ¼ lb., 20c; lb., 80c.
New Century. A long, thick strain of White Spine. Oz., 10c; ¼ lb., 25c; lb., 75c.

ENGLISH FRAME CUCUMBERS

Rollison's Telegraph. Pkt., 50c; ½ oz., \$1.00; ¼ oz., \$1.75.
Noah's Forcing. Very prolific. ¼ oz., 75c.
Carter's Model. The best of all English sorts. Pkt., (25 seeds) for 25c; 3 for 65c; ¼ oz., \$1.00.
Vaughan's Prolific Forcing. Pkt., 25c; ½ oz., 75c.

EGG PLANT

Vaughan's Improved New York Large Purple

Very large and smooth, fine dark color. Ours is the spineless kind, most preferred by our market gardeners, both east and west. We have made the most careful selection possible of our stock plants, and know this sort is unsurpassed for the market. Lb., \$4.50; ¼ lb., \$1.15; oz., 35c; ½ oz., 20c.

Black Pekin. Lb., \$3.50; ¼ lb., 90c; oz., 30c.

Very Early Dwarf. Earliest of all; it resembles the New York in shape and color. Oz., 25c; ¼ lb., 85c; lb., \$3.25.

Black Beauty

From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, and of the finest flavor. The skin is a rich, purplish black, entirely free from spines or thorns. The fruits set most freely and are ready to market early, so that the entire crop can be gathered before there is any danger of frost. ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$5.00.



Improved New York, The Standard Variety.

HORSE RADISH

Horse Radish Sets. 100, 65c; 500, \$2.75; 1,000, \$5.00; 5,000, \$24.50.

Maliner Kren, New Bohemian Horse Radish. 100 roots, 75c; 500, 3.25; 1,000, \$6.00.

ENDIVE—Endivien

	Oz.	¼ Lb.	Lb.
Staghorn. Best for early	\$.10	\$0.30	\$1.00
Green Curled Summer	.10	.30	1.00
Green Curled Winter	.10	.30	1.00
Moss, very fine curled	.10	.30	1.00
Broad-leaved White	.10	.30	1.00
Ever White Curled	.10	.30	1.00
Giant Fringed	.10	.35	1.25

KOHLRABI

	Oz.	¼ Lb.	Lb.
Short-leaved Early Erfurt	\$.20	\$0.65	\$2.50
Early White Vienna	.20	.50	2.00
Early Purple Vienna	.20	.50	2.00

LEEK

	Oz.	¼ Lb.	Lb.
Broad Scotch	\$.15	\$0.40	\$1.50
Large Musselburg	.15	.40	1.40
Rouen Large Winter	.15	.40	1.40
New Mezieres Winter	.15	.45	1.60
Bulgarian Winter, new. ½ oz., 10c			Crop Failure.

DANIELION. Thick Leaved or Cabbaging. Crop very short. Pkt., 10c; oz., 50c.

GARLIC. Selected Bavarian. Originally came from Wurzburg, Bavaria, and has been grown in an old German settlement of Illinois for a number of years. It is larger and more even than ordinary garlic, keeps much longer without shriveling, and is of snow whiteness. Lb., 20c; 3 lbs., 55c; 10 lbs., \$1.50; 100 lbs., \$14.00.

Ordinary Garlic. Write for prices.



HERBS

Very short. Write for pound prices.

	Lb.	Oz.	Lb.	Oz.
Anise	\$.10		Peppermint... 100 seeds,	
Balm	.20		30c.	
Bene	.40		Pennyroyal... ¼ oz., 35c.	
Bohnen Kraut	.15		Pimpinella	\$.15
Borage (Gurkenkraut)	.15		Rosemary	.45
Caraway	.10		Sage	.20
Catnip or Catmint	.30		Holt's Mammoth Sage	
Chives	.60		Plants. 100, \$6.00;	
Coriander	.10		doz., 85c.	
Dill	\$.15		Summer Savory	.20
Fennel Sweet	.10		Sweet Basil	.15
Fennel Florence	.20		Sweet Marjoram	.20
Horehound	.15		Tarragon Plants	
Hyssop	.20		doz., 85c; 100 for \$6.00	
Lavender Spica	.15		Thyme	.30
Lavender True	.45		Wormwood	.25

LETTUCE

LEAF VARIETIES

GRAND RAPIDS FORCING

The best forcing Lettuce for Western Markets. Very hardy, grows large, and its handsome appearance gives it a ready sale. Keeps from wilting longer than other sorts.

Vaughan's Extra Selected Stock. Oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.25.

Ordinary Stock. Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.25.

BLACK SEEDED SIMPSON

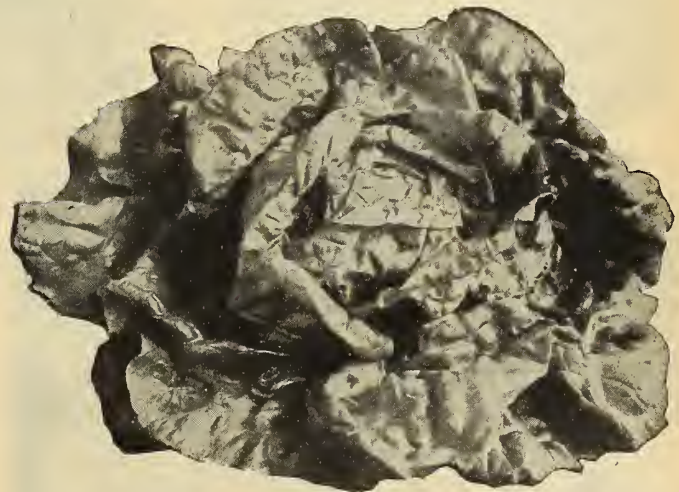
Vaughan's Selected Stock

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. As this kind varies when growing we have our stock seed all hand picked. Lb., \$1.00; ¼ lb., 30c; oz., 10c.

Black Seeded Simpson. Regular Stock. Oz., 10c; ¼ lb., 25c; lb., 80c.

OTHER LEAF SORTS

	Oz.	¼ Lb.	Lb.
Prizehead. Center portions of crinkled leaves brown	\$.10	\$0.25	\$0.80
Early Curled Silesia. Dwarf crisp golden leaves	.10	.25	.80
Early Curled Simpson. White seeded. A fine sort	.10	.25	.80
Tilton's White Star. Black Seeded Simpson type. Used for forcing	.10	.25	.85
Denver Market Forcing. A loose heading sort	.10	.25	.80
The Morse. A forcing selection of Black Seeded Simpson	.10	.25	.80



Vaughan's All Seasons Lettuce.

VAUGHAN'S ALL SEASONS LETTUCE

Re-selected Stock.

This lettuce is the best of All Head Lettuces. Known every where from its large solid head and desirable color. Market gardeners who have purchased this seed from other sources always come to us the next season for the true stock. We have been very careful in seed selection and this year we are offering a special re-selected stock for the most critical trade. Oz., 10c; 2 ozs., 15c; ¼ lb., 25c; lb., \$1.00.



LETTUCE

CABBAGE OR HEADING VARIETIES

Wayhead. A large extra early Head Lettuce. Superior to May King. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

St. Louis Butterhead. The head is large and solid as a cabbage with beautiful crumpled, yellow inside leaves of the finest quality. An especially fine strain of this variety. Oz., 10c; ¼ lb., 25c; lb., 80c.

Improved Hanson. The most planted of all head lettuces. A good heat resister which forms large, firm heads with broad leaves, crumpled and exceedingly tender and crisp. In the central core sections the best general purpose variety. Oz., 10c; ¼ lb., 25c; lb., 80c.

The Deacon. A very sure heading, buttery variety. The interior blanches to a beautiful golden yellow and is of fine flavor. Oz., 10c; ¼ lb., 25c; lb., 80c.

Maximum or Immensity. A popular variety, especially in the East. Very large, solid heads and a good heat resister. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

STANDARD KINDS

Prices on any of the following sorts, except where noted: Oz., 10c; ¼ lb., 25c; lb., 80c.

- Blonde Beauty. California Cream Butter.
- Brown Dutch. Iceberg.
- Buttercup. Salamander.
- Golden Queen. Oz., 10c; ¼ lb., 20c; lb., 80c.
- Mignonette. Oz., 10c; ¼ lb., 30c; lb., \$1.00.
- Perpignan or Summer Defiance.
- Tennis Ball, White Seeded or Boston Market.
- Tennis Ball, Black Seeded. White Cabbage.
- Unrivaled. Oz., 10c; ¼ lb., 30c; lb., \$1.00.
- New York or Wonderful. Oz., 10c; ¼ lb., 30c; lb., \$1.00.
- Mammoth Black Seeded Butter. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

COS LETTUCE

Upright Habit. The highest quality of all lettuces.

- PARIS WHITE COS. Oz., 10c; ¼ lb., 30c; lb., \$1.00.
- TRIANON COS. Oz., 10c; ¼ lb., 30c; lb., \$1.00.
- EXPRESS COS. Earliest. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

BIG BOSTON—Vaughan's Selected Stock

The best large heading, early variety. The most popular variety for the Southern gardener who ships North. Also very valuable as a first early in the North. Plants are large, vigorous; leaves are bright, light green, very tender. Our strain is unsurpassed. Many gardeners in the South will plant only Vaughan's Big Boston. Oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00.

May King. The best extra early head Lettuce. Small, solid heads; outer leaves with a brown tinge, oz., 10c; ¼ lb., 30c; lb., \$1.00.

MUSKMELON

Netted Gem—Rocky Ford—Selected Stock

This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most careful shippers. It is well known that much seed offered as Rocky Ford stock has been saved by local growers from surplus or cull Melons by men who know nothing of the responsibility of the seed business. Careful planters should avoid such stock.

VAUGHAN'S SELECTED STOCK. From best melons in field. Oz., 15c; ¼ lb., 40c; lb., \$1.50.

REGULAR STOCK. Seed from entire field planted only for seed. Oz., 10c; ¼ lb., 25c; lb., 75c.

UGHAN'S HOODOO MELON. (Introducer's Strain.) As like as peas in a pod. The finest of the Green type of Salmon flushed melons and just right in size to ship and to serve cut in two. Slightly smaller and rounder than a Rocky Ford. Nearly every fruit is of uniform high quality and sweetness.

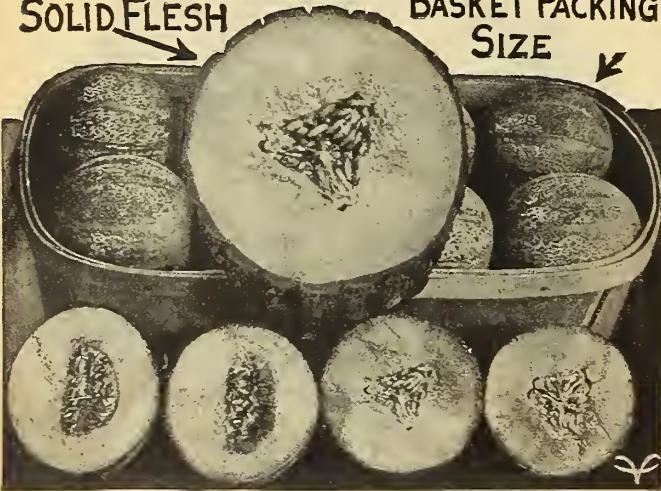
Select Stock, oz., 20c; ¼ lb., 60c; lb., \$2.00.
Regular Stock, oz., 10c; ¼ lb., 25c; lb., 80c.

THE OSAGE GEM. Early as Netted Gem; same size and shape. Flesh, orange, solid and of best flavor. Price, oz., 10c; ¼ lb., 30c; lb., \$1.00.



ROCKY FORD MUSKMELON

SOLID FLESH BASKET PACKING SIZE



VAUGHAN'S ORIGINAL OSAGE

This famous Melon is our own introduction, and we take special pride in maintaining the quality and superiority of our stock. We pay many times the prices given ordinary seed growers to get our seed raised in the best locality and then selected from merchantable early Melons. Seed obtained from culls left in the field after marketing is over can be bought cheaply, but is high at any price. However, seed taken from early choice market melons must bring a high price, though really a hundred times cheaper than the other. Salmon flesh, high table quality; during the last season was the best Melon on the Chicago Market. Our strain is dark skinned, but netted.

Vaughan's Selected Stock. Oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., \$2.25.

Regular Seed. Entire field grown for seed, but seed not chosen from special melons. Oz., 10c; ¼ lb., 30c; lb., 90c.

	Oz.	¼ lb.	Lb.
Osage, Special Shipping Strain. Slightly more netted than regular osage; selected especially for shipping.	\$0.15	\$0.45	\$1.50
Tip Top, Selected Stock. A large size melon of excellent quality, salmon flesh, moderate netting and evenly ribbed.	.10	.30	1.00
Extra Early Hackensack. An early selection of Hackensack. Melons large, weight 4 to 10 lbs. Well netted, green flesh.	.10	.30	.90
Hackensack. A popular, large, well netted, green fleshed cantaloupe.	.10	.30	.90
Emerald Gem. Dark green, early melon. Delicate salmon flesh. Not good for shipping. Of high table quality.	.10	.30	1.00
Milwaukee Market. For local market use, nothing better. Salmon flesh, good size. Is not a good shipper.	.20	.60	2.00
Vaughan's Chicago Market. A large, early nutmeg.	.15	.40	1.25
Oval Gem. The Eastern grown Rocky Ford.	.10	.25	.75
Honey Dew. New.	.35	.85	3.00
Extra Early Nutmeg. Small and early.	.10	.30	.90
Early Citron. Landreth's Early Flat, fair quality.	.10	.30	.90
Champion Market. A very large, netted Gem.	.10	.30	.90
Jennie Lind, Improved. A flattened, good shipping variety.	.10	.30	.90
Montreal Market. The largest of Nutmegs.	.15	.35	1.10
Round Gem. The standard round Netted Gem.	.10	.25	.75
Banana. Cucumber shape, late.	.15	.35	1.10
Mango Melon, or Vegetable Peach. For pickles and preserves.	.15	.40	1.25
Forcing Melons. Emerald Gem Forcing, A1 Superb, Best of All, Blenheim Orange, Diamond Jubilee, Invincible Scarlet, Royal Sovereign. Trade pkt., each 25c.			

VAUGHAN'S PAUL ROSE or PETOSKEY

The best and most uniformly high quality table Melon introduced in ten years. This is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has also the firmness of meat, salmon color, and cheesy structure peculiar to the Osage. In this respect it is superior to any Melon in existence, because of this thick, solid flesh, free from stringiness, which does not become watery or "break down" in keeping, retaining its form twice as long as any other shipping Melon.

• Vaughan's Selected Seed, oz., 20c; 2 oz., 40c; ¼ lb., 60c; lb., \$2.00.
• Regular Stock, oz., 10c; ¼ lb., 30c; lb., 90c.

VAUGHAN'S LIVE MUSHROOM SPAWN



Make Bed in Basement or any Out-Building—Temperature 55° to 65° Fahrenheit

The growing of mushrooms has now become a profitable business and there are many successful growers in all parts of the country making large profits on this table delicatessen merchandise. Vaughan's Seed Store has been very successful in supplying both the American Pure Culture and the imported English spawn. We receive monthly shipments of American and a shipment every two months of English spawn from our manufacturers. Our spawn is always fresh.

LAMBERT'S PURE CULTURE SPAWN

Lambert's Pure Culture Spawn. This is made in America from selected Mushrooms grown under cultivation. The bricks are inoculated with tiny threads from a young specimen fruit, so that the special sorts are produced true to type, theoretically, in practice they run nearly true to type. American Spawn is much fresher than English as it is not necessary to dry out the bricks for a long transportation trip.

Order by number. The following list will be a guide to those who desire to grow the best mushrooms and secure the best business and profits. We are in close touch with the best growers in the country and through them can furnish important information as to the latest methods of growing. Write to us; we will give free the information that will make you successful.

7. Brown (Bohemia) hardy, good producer, very heavy.
8. Cream-White, Mammoth Strain.
9. White (Alaska) Mammoth Strain.
11. Cream (Columbia) similar to No. 8, slightly darker.

Price: Direct Bricks (weight 1 1/4 lbs. per brick), inoculated from laboratory cultures. Brick, 30c; 5 bricks, \$1.25; 10 bricks, \$2.00; 25 bricks, \$4.25; 100 bricks, \$15.00. Ask for special prices in case lots

WATERMELON

In watermelons for market there has been a considerable change in varieties the past few seasons due to the introduction of the Alabama Sweet and Tom Watson, good shipping varieties of the long type melon, a type long associated with high quality but heretofore too poor shippers. Growers who intend to ship carloads away to market should be careful to find out what their receiving market demands.

Kleckley Sweets. The quality melon for home and local market. Without doubt this is the highest quality melon both as to texture, firmness with no stringiness, and sweetness, in which respect it has no equal of all melons on the market today. In shape it is oblong, of good size, skin dark green, flesh bright scarlet, ripening close to the skin. The large heart does not crack open when ripe. Its one fault is that the shell is thin—will not ship without breaking. Oz., 10c; 1/4 lb., 25c; lb., 75c; 5 lb., \$3.25.

Alabama Sweets. A popular, rather new, long oblong melon with hard shell, which makes it a good shipper. In color dark green, size large and excellent quality. Especially popular in Texas districts. Select stock. Oz., 10c; 1/4 lb., 20c; lb., 60c.

Vaughan's Black Diamond. Its prominent points of merit are its extreme size and productiveness. Melons weighing 75 to 90 pounds are frequent. It is the most prolific Water Melon. Its color is a rich, dark green, almost black. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs., \$2.50.

Sweetheart. A standard shipping melon of the round type. Vine vigorous and productive. The melons are large, uniform and heavy, mottled light and dark green. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs., \$2.50.

Improved Kolb's Gem. The best known shipping melon of the old type. Color, dark with yellow blotch on bottom. Oz., 7c; 1/4 lb., 15c; lb., 50c; 5 lbs., \$2.25.

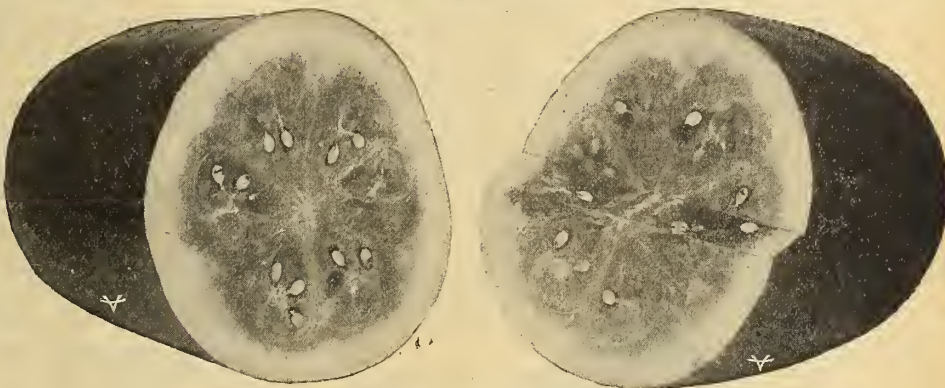
Triumph. One of the largest and handsomest of the large round shipping melons. Dark green. Oz., 10c; 1/4 lb., 20c; lb., 60c.

Winter Water Melon (Novelty). A small round light colored melon of high quality, which can be kept until Christmas. Oz., 15c; 1/4 lb., 40c; lb., \$1.25.

New Chilian. Nearly round melon, ours is the early strain. A very fine flavored melon; something different and attractive for local market. Oz., 10c; 1/4 lb., 30c; lb., \$1.00.

7c the ounce on any of the following:

	Oz.	1/4 lb.	lb.		Oz.	1/4 lb.	lb.
Citron, red seeded	.10	.20	.60	Rattlesnake	.10	.20	.60
Colorado Citron	.10	.20	.60	Gray Monarch	.10	.20	.60
Cuban Queen	.10	.20	.60	Ice Cream	.10	.20	.60
Dark Icing	.10	.20	.60	Jones' Jumbo	.10	.20	.60
Dixie	.10	.20	.60	Peerless	.10	.20	.60
Duke Jones	.10	.20	.60	Phinney's Improved	.10	.20	.60
Florida Favorite	.10	.20	.60	Mountain Sweet	.10	.20	.60
Early Fordhook	.10	.20	.60	McIver's Sugar	.10	.20	.60
Halbert Honey	.15	.30	.85				



TOM WATSON

Watermelon, Tom Watson. Considered one of the most important introductions of recent years. A variety which has in the last few years become the most popular of all shipping melons. In appearance it resembles somewhat the Kleckley Sweets except that it is much fuller at the ends. Its extreme value is in its shipping qualities. The rind is very thick and growers prefer this variety to Kleckley's or Halbert Honey for shipping to a long distance. The fruits are cylindrical in shape and the rind is a dark green. The flesh is a deep red, very sweet and melting. Oz., 15c; 1/4 lb., 30c; lb., 85c; 5 lbs., \$3.75.

COLE'S EARLY

Cole's Early. This is the best Early Watermelon for the home market. For sweetness and delicate texture of flesh it has no equal in the earlys. The rind is thin and brittle, and therefore this variety is not suitable for shipping. We have an extra early strain. Oz., 10c; 1/4 lb., 25c; lb., 75c; 5 lbs., \$3.25.

MARTYNIA FOR PICKLES

The young and tender seed pods make a very fancy pickle. Oz., 15c; 1/4 lb., 40c; lb., \$1.50.

MUSTARD

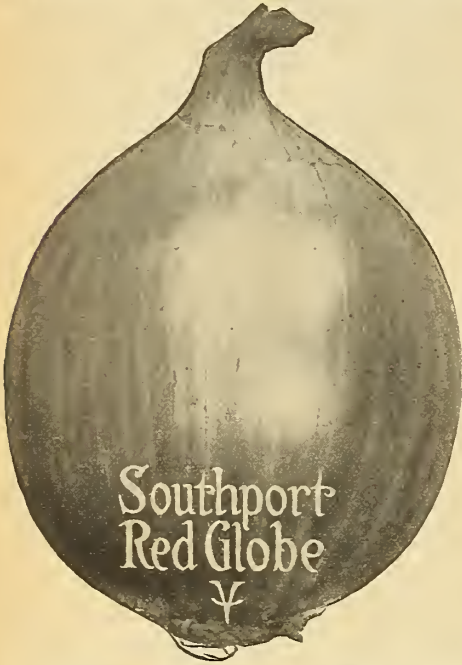
	Oz.	1/4 lb.	lb.
White London	\$0.05	\$0.15	\$0.40
Brown	.05	.15	.40
Giant Southern Curled or Chinese	.05	.15	.45
Fordhook Fancy	.05	.15	.45

OKRA

	Oz.	1/4 lb.	lb.
White Velvet	\$0.05	\$0.15	\$0.40
Dwarf	.05	.15	.40
Tall (Perkin's Mammoth)	.05	.15	.40

VAUGHAN'S PEDIGREE ONION SEED

Vaughan's strains of Globe Onions have no superior. Our Eastern seed is grown in the large growing districts seed bulbs are sorted from hundreds of bushels (an impossibility with small growers) color and shape are ideal when planted and placed far apart, the unavoidable mixtures in close western plantings are eliminated. Greater cost to produce seeds in this manner than those under other conditions is justified; it is worth many times such cost to the market planter



Southport Red Globe.

Has a beautiful dark red skin; the onions are large size, very solid and firm, making them first sellers and excellent keepers.

Yield—800 to 1,000 bushels per acre is not uncommon with our seed. It is grown under our supervision by a specially equipped expert in this line.
 Eastern grown, Oz 20c, ¼ lb 60c, lb \$2.00, 5 lbs \$9.25, 10 lbs \$17.50.
 Western grown, Oz 15c, ¼ lb 45c, lb \$1.50, 5 lbs \$6.75, 10 lbs \$12.50.

Ohio Yellow Globe.

(See illustration.) Best of all yellow onions. Entirely distinct from old type Yellow Globe

Danvers. Earlier, smaller necked, perfect globe shape, uniform as to size and color and a greater cropper. Vaughan's Special Ohio-grown Seed of this type is an extra fine selection of this most excellent sort, for color, shape and yield. Seed growers regard it the superfine strain of yellow Onion Seed. Eastern grown, Oz 20c, ¼ lb 65c, 1 lb \$2.25, 5 lbs \$10.50, 10 lbs \$20.00. Western grown, Oz 20c, ¼ lb 50c, lb \$1.75, 5 lbs \$8.00, 10 lbs \$15.00.

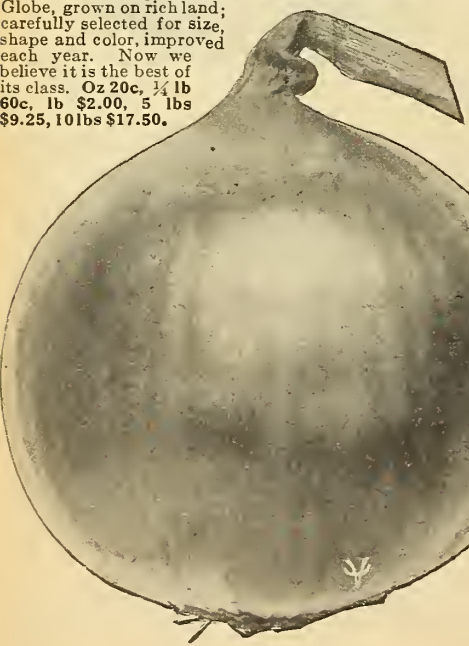
Ohio Red Globe.

A very uniform Red Globe Onion similar in shape to the Ohio Yellow Globe. Lake County Seed, grown by the originator. Oz 20c, ¼ lb 65c, lb \$2.00, 5 lbs \$9.25, 10 lbs \$17.50.

Vaughan's Apple Shaped Red Globe.

The most perfect market type of Red Globe Onion. Ideal shape for maximum yield. Color is absolutely darkest blood-red. Its size equals any of the largest types of Red Globe.

History—first planted in the west (1896) under the name of Extra Early Red Globe, grown on rich land; carefully selected for size, shape and color, improved each year. Now we believe it is the best of its class. Oz 20c, ¼ lb 60c, lb \$2.00, 5 lbs \$9.25, 10 lbs \$17.50.



VAUGHAN'S APPLE SHAPED RED GLOBE ONION

Vaughan's Ideal White Globe

Onion is

land-someness personified; true globe form, pure white, hard, small necked, ripens very early, evenly and is a good keeper. We supply the largest market gardeners in Chicago and the west. Don't plant inferior stock with only low price to recommend it; it is far more expensive than our high class seed.

Eastern grown, Oz 35c, ¼ lb 85c, lb \$3.25, 5 lbs \$15.50, 10 lbs \$30.00.
 Western grown seed, Oz 20c, ¼ lb 65c, lb \$2.40, 5 lbs \$11.50, 10 lbs \$22.50

Southport Yellow Globe.

A main crop, late, large, round

Will satisfy the small buyer or the grower for car-load shipments. Truly a grand onion whose large golden yellow sphere make a beautiful appearance sacked or barreled for market.

Best of all yellow onions for keeping. Our Eastern strain comes from a grower with twenty-five years' experience who makes a specialty of this variety. Eastern grown, Oz 20c, ¼ lb 60c, lb \$2.00, 5 lbs \$9.25, 10 lbs \$17.50. Western grown, Oz 15c, ¼ lb 45c, lb \$1.50, 5 lbs \$6.75, 10 lbs \$12.50.

PRIZETAKER ONION

Vaughan's Selected Stock.

Handsome and largest yellow Globe

Onion Fair keeper, of finest flavor good shape and enormous size, many weighing five pounds or more each, and raised from seed the first year. Is of the same type as those immense onions (imported) seen in fruit stores. Always commands a high price.

Prizetaker nearly always grows to a perfect globe shape with a bright straw colored skin; necks are very small; the onions always ripen up hard. American grown seed. Oz 20c, ¼ lb 50c, lb \$1.75, 5 lbs \$8.00, 10 lbs \$15.00.

Australian Brown Globe.

A very early

maturing variety. Bulbs are good size, very solid, heavy. Keeping quality excellent, one of the very best.

The onions are thin necked and ripen evenly in all soils. Oz 15c, ¼ lb 50c, lb \$1.60, 5 lbs \$7.75, 10 lbs \$15.00.

OHIO YELLOW GLOBE



Special Yellow Globe.

One of our last year's introductions; and it has made a splendid record. It is two weeks earlier than Southport Yellow Globe and flatter. One grower praises it with enthusiasm, because of its early maturing habit, which enabled it to escape the Aphid which attacked and badly injured the Southport variety. Oz 20c, ¼ lb 60c, lb \$2.00, 5 lbs \$9.25, 10 lbs \$17.50.

Mammoth Silver King.

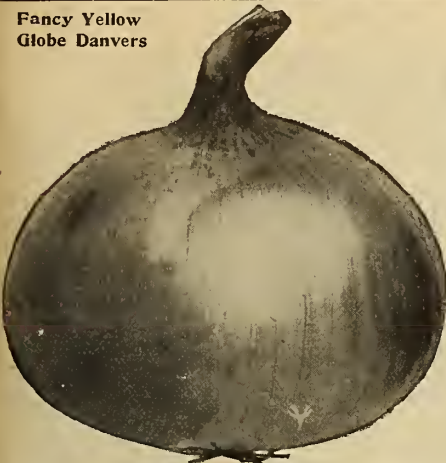
The largest of the white Onions. Specimens weigh 2 to 4 pounds each. Mild flavor. Fine for fancy market. Crop failure. Yearly seed test 65%; oz 30c.

Ailsa Craig. Vaughan's Re-Selected Seed. Very short crop. A better keeping and larger Onion than Prizetaker. Unexcelled for exhibition. Sow early in hotbed and transplant. ½ oz 35c, oz 60c, ¼ lb \$2.00, lb \$7.50.

Bermuda Onions. Ours is true Tenerife Grown Seed of popular southern onions. White Bermuda lb. \$2.50. Red Bermuda Sold out. Crystal White oz 20c, ¼ lb. 65c, lb \$2.50.

VAUGHAN'S PEDIGREE ONION SEED

Fancy Yellow Globe Danvers



"Fancy" Yellow Globe Danvers. The shape is uniformly round; color a fine brown, orange yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed. **Oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$8.00; 10 lbs., \$15.00.**

Yellow Globe Danvers. This strain of Globe Danvers is equal to any usually sold and may be relied upon as a first class cropper. **Oz., 15c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.75; 10 lbs., \$12.50.**

Early White Welsh Onion. For Green Onions. This kind does not form a bulb, but is one of the best kinds for "Green Onions." The plants are perennial and can remain in the ground for years. This is the sweetest of all Onions. **Oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.50.**

EARLY MILD ONIONS. European Grown.

Vaughan's Pickling. This is a uniform early small round, hard, crisp, tender and very handsome variety, with an opaque white skin, which does not turn green upon exposure to the sun. Failure.

White Queen. Remarkable for its earliness and very mild flavor; it is small and white skinned. Every family should sow an ounce or two for pickling in jars; a fine table relish. Failure.

White Barletta. It is a beautiful waxy-white color, much admired by housewives. Price, same as that of White Queen. Failure.

Nov. 4, 1916.

"It is with pleasure that I report a good crop of onions from your seed. I am just sending some to you, so you can see for yourself. People who already have enough onions will buy mine, because they like them. **Good stock is a great item, especially with onions.**"
H. D. CLAUSSEN, Paulina, Iowa.

From Carefully Selected Seed Bulbs

ONION SET SEED

Highest Germination Every Bag Tested

Our Onion Set Seed is strictly California-grown from carefully selected bulbs. We particularly pride ourselves on germination—due to up-to-date cleaning machinery. Every bag must test satisfactorily before it leaves our establishment.

FLAT ONION SET SEED.

White Portugal or Silverskin. A large flat onion of mild flavor and great beauty, its clear white skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles. It is also a good keeper and fine for fall and early winter use. **Oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$8.00; 10 lbs., \$15.00.**

Philadelphia Silverskin. Special strain of White Portugal. **Oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$8.00; 10 lbs., \$15.00.**

Large Red Wethersfield. This is the standard Red Flat Variety; large; skin, deep purplish red; form, round, somewhat flattened; flesh, purple-white; moderately fine grained, and stronger flavored than any of the other kinds. It is more inclined to form large necks, if planted on unsuitable soil, than the Danvers, but it is the best variety on poor or dry soil. **Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

Extra Early Flat Red. Ours is an especially early dark red strain, carefully selected. The earliest marketable red onion. **Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

FLAT YELLOW SORTS.

Strassburg or Flat Dutch. A standard flat yellow onion. Flesh white and fine grained. Excellent set onion. **Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

Yellow Danvers. A fine productive variety of medium size; skin, coppery yellow. Excellent for yellow sets. **Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

Australian Brown Flat. The longest keeping flat onion. Extra early and fine yielder and a sure cropper. Much used for "Brown Sets." **Oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

Yellow Cracker. The earliest flat yellow; desirable in climates where season is short. **Oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.50; 10 lbs., \$8.50.**

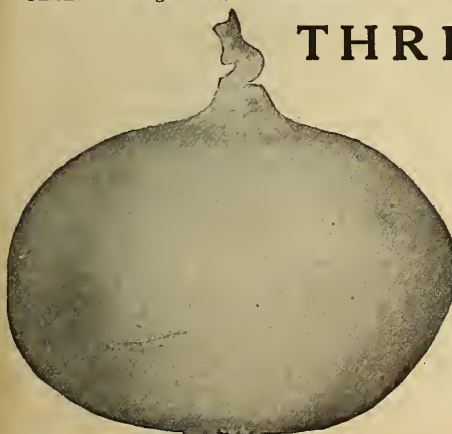
Bolton. The ideal set onion. Brown color, sell for yellow, early maturing, heavy yielder and the best of all for keeping. Failure.

ONION SETS

Onion sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders. These are the product of seed and are used for "Green Onions" or to produce large Onions, which they do much more quickly than can be grown from seed. Our sets are small, dry and unspouted.

	½ Pk.	Pk.	Bu.		½ Pk.	Pk.	Bu.
White Bottoms. Bushel, 32 lbs.....	\$0.60	\$1.10	\$4.00	Egyptian, or Winter Hardy Onions. Perfectly hardy. Do not form large onions. Bushel, 28 lbs.....	\$0.30	\$0.55	\$2.00
Yellow Bottoms. Bushel, 32 lbs.....	.45	.85	3.25		Shallots or Yellow Multipliers. For green and large onions. Bushel, 32 lbs.....	.50	.90	3.50
Red Bottoms. Bushel, 32 lbs.....	.50	.90	3.50	Yellow Potato Onions. Makes very early large onions	.60	1.10	4.00
Red Summer Top Sets. Planted for both "Green Onions" and large bulbs. Bushel 28 lbs.....	.60	1.10	4.00	White Multipliers. A very productive onion for "Green Onions," earlier than bottom sets. ....	.60	1.10	4.00

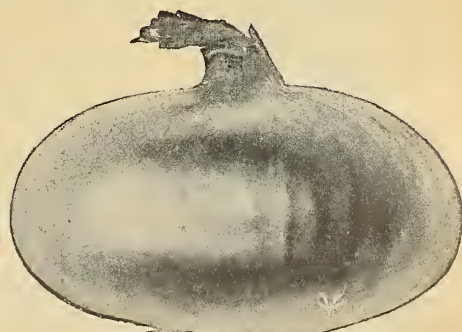
THREE FINE SET ONIONS



WHITE PORTUGAL



LARGE RED WETHERSFIELD



YELLOW FLAT DANVERS

THE CROP

With the exception of Canning varieties like Alaska, Advancer and Horsford's Market Garden, peas are in much shorter supply than last year. The large podded dwarf sorts like Laxtonian are very short, also Gradus, Thomas Laxton and the Telephone Types.

PEAS

NORTHERN GROWN

PRICES

Last year our pea prices were the lowest in many years; this season we have been compelled to make some slight advances on a few kinds—prices are still low however and the price of seed should deter no gardener from planting peas liberally

EXTRA EARLY TALL SORTS

GRADUS—VAUGHAN'S RE-SELECTED STOCK

Gradus is the best extra early wrinkled pea for the market gardener. It is within three to five days of the first earlies, Alaska Maude S and is pretty nearly twice as large. The pods are so large that they sell for Telephones on the market. The quality is unsurpassed and our stock is always top-notch. Continual reselection is necessary to keep this pea free from small pods and runners. Beware of cheap strains, they cannot be good. 2 lbs., 35c; pk., \$2.00; 100 lb3., \$14.00.

THOMAS LAXTON Similar to Gradus, only pods are blunt shaped instead of pointed or tapering. On the market it does not sell up to Gradus unless known. It is a better yielder however, and in ordinary seasons the pods contain from one to two more peas. 2 lbs., 35c; pk., \$2.00; 100 lbs., \$14.00.

ALASKA This is the standard market extra early. The seed is round and bluish in color, being smooth it does not rot in the ground like a wrinkled pea and hence may be planted very early. In season our Alaska is as early as any other sort except Velocity. Pod 2½ inches long. Uniform and even ripening stock. 2 lbs., 30c; pk., \$2.00; 100 lbs., \$13.00.

VAUGHAN'S SELECT EXTRA EARLY (MAUD S.) The early seeded round peas are generally known as the "extra earlies," and they go by many different names. Vaughan's Maud S strain is a very early, reselected stock, bred especially for uniformity in ripening so that the crop may be harvested at one picking. The pods are 2½ in. long, and the peas are of good quality, superior to Alaska of the same season. 2 lbs., 35c; pk., \$1.50; 100 lbs., \$10.00.

AMEER 'A large podded Alaska.' A few days later in season than Alaska. The pods are large, trifle smaller than the Telephone and usually sell better on the market than Alaska or Extra Early. The peas are round and green and the quality like Alaska. 2 lbs., 30c; pk., \$1.65; 100 lbs., \$11.00.

VAUGHAN'S NEW LATE GRADUS This new pea fills in the space which has hitherto existed in the time when Gradus was over and before Telephone came in. A quality pea the equal of Gradus; it has Telephone pods and yields very nearly as well. 2 lbs., 40c; pk., \$2.25; 100 lbs., \$16.00.

OTHER EARLIES

	2 Lbs.	Pk.	100 Lbs.
Surprise. The earliest wrinkled variety	\$.35	\$2.00	\$14.00
First and Best. Choice extra early, white seed	.30	1.50	10.00
Premium Gem. Semi-dwarf, early wrinkled pea	.35	1.65	11.50

MARKET GARDEN DWARF VARIETIES

LAXTONIAN The Dwarf Gradus—a new giant podded, early dwarf pea; almost as early as the popular tall variety Gradus and a better yielder. The pods are large and sell equally as well as Gradus, being of dwarf habit this pea may be grown between other crops and will be out of the way when other crops are just well started. Vaughan's Seed Store introduced this pea in America, and we are headquarters for the right stock. A low priced Laxtonian is usually something else. 2 lbs., 50c; pk. \$2.75.



NOTT'S EXCELSIOR Heaviest yielding, early dwarf wrinkled pea; very prolific. 2 lbs., 35c; pk., \$1.75; 100 lbs., \$12.50.

SUTTON'S EXCELSIOR Large pod dwarf; because hardy, some prefer this to tender Gradus. 2 lbs., 35c; pk., \$2.00; 100 lbs., \$14.00.

IMPROVED STRATAGEM Late, large, high quality, dark green pods. Hard to keep straight because small podded vines grow rapidly. Our stock the best. 2 lbs., 35c; pk., \$1.75; 100 lbs., \$12.50.

OTHER DWARFS

	2 Lbs.	Pk.	100 Lbs.
American Wonder. (True) Standard early dwarf	\$.35	\$1.75	\$12.50
Little Marvel. (New) An improved Nott's Excelsior, dark pods	.35	2.00	14.00
Advancer. Second heavy yielder, fair size pods	.35	1.65	11.50
Horsford's Market Garden. Mid-season, heavy yielder	.35	1.65	11.50
Dwarf Telephone. (Very short)	.35	2.00	14.00
Heroine. Late Dwarf, good pods	.35	1.65	11.50
Juno or Dwarf Champion. Late Dwarf	.35	1.65	11.50
Dwarf Gray Sugar Pioneer. Similar to Laxtonian	.50	2.75	....



VAUGHAN'S IMPROVED TELEPHONE

TELEPHONE TYPES

The early season, heavy yield, large pods, and fine flavor of Telephone Peas have placed this variety in the greatest favor for both market and home use. Following are the best selections of this popular sort:

VAUGHAN'S IMPROVED TELEPHONE

Standard high quality has been maintained for this most popular favorite, notwithstanding the unfavorable seasons of the past few years. This excellent sort has exceptional qualities, and is the best main crop. The pods immense in size, fine dark green color, more desirable than the light green of ordinary Telephone, and they are well filled with delicious, sweet peas. Height four feet. Our stock is uniform. 2 lbs., 35c; pk., \$1.65; 100 lbs., \$11.50.

ALDERMAN Best of the Duke of Albany type. Large dark pods. Uniform strain. 2 lbs., 35c; pk., \$1.65; 100 lbs., \$11.50.

TELEPHONE Light green colored pods, less uniform than Improved Telephone. 2 lbs., 35c; pk., \$1.65; 100 lbs., \$11.50.

ADMIRAL DEWEY Similar to Vaughan's Improved Telephone. Large dark pods. 2 lbs., 35c; pk., \$1.65; 100 lbs., \$11.50.

PRINCE EDWARD Largest pods of the Telephone Type; does not yield as heavy as Vaughan's Improved. 2 lbs., 35c; pk., \$1.65; 100 lbs., \$11.50.

LATE OR MAIN CROP VARIETIES

CHAMPION OF ENGLAND Tall, vigorous and an enormous yielder; a very superior strain, one of the best and one of the oldest before the public. Late. 2 lbs., 35c; pk., \$1.50; 100 lbs., \$10.50.

EVERBEARING Medium height, pods 3 inches long, very prolific. 2 lbs., 35c; pk., \$1.50; 100 lbs., \$10.50.

QUITE CONTENT The largest podded of all Peas. Quite Content is an English exhibition variety which does very well in the United States. The vine's habit is slightly stronger than Telephone—the pods are truly prodigious in size. 2 lbs., 35c; pk., \$2.00; 100 lbs., \$14.00.

Long Island Mammoth. A smooth seeded Telephone. 2 Lbs. Pk. 100 Lbs. \$0.35 \$1.50 \$10.00

Yorkshire Hero. Wrinkled standard sort; keeps in good condition for a long time. .35 1.65 11.50

Black Eyed Marrowfat. Ordinary quality, great yielder. .25 1.35 8.50

White Marrowfat. Similar to Black Eye. .35 1.75 12.50

Mammoth Podded Sugar. Largest podded Sugar Pea, pods edible. .35 2.00 14.00

PARSLEY

The Champion. Is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes. **Oz., 10c; ¼ lb., 25c; lb., 75c.**

Vaughan's XXX Parsley. An extra selected and dwarf strain of moss curled parsley. It is without question the handsomest garnishing variety to be found. Its size makes it especially desirable for greenhouse and frame use. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

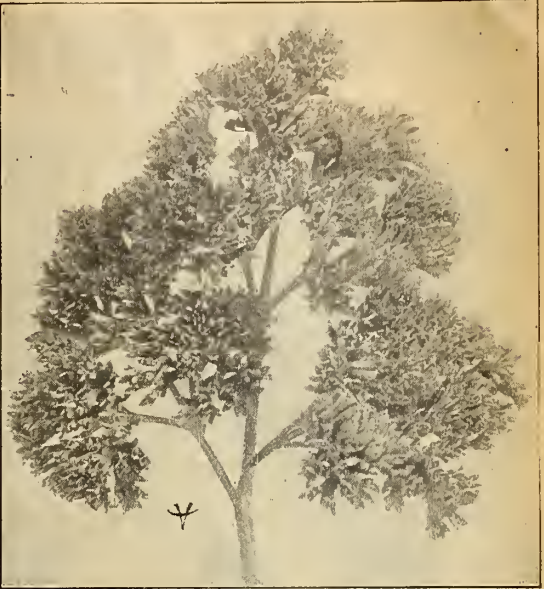
Double Curled. **Oz., 10c; ¼ lb., 25c; lb., 75c.**

Fern-Leaved. **Oz., 10c; ¼ lb., 25c; lb., 85c.**

Plain. **Oz., 10c; ¼ lb., 25c; lb., 75c.**

Hamburg Rooted or German Parsley. The root resembles a small parsnip and is the edible part of this sort; extensively used for flavoring soups. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

MARKET GARDENERS' STRAINS



Champion Moss Curled Parsley

PARSNIPS

Magnum Bonum. A very fine and greatly improved strain of Hollow Crown Parsnip, which we can recommend to all marketmen as a money-maker. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

Improved Guernsey. An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

Hollow Crown, or Long Smooth. (Abbot's Improved.) Smooth, large, tender and sugary; one of the best. Our stock is very fine. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

Vaughan's Marrowfat. A thick shouldered hollow crown variety. Extra fine flavor. Its handsome appearance gives it a ready sale. **Oz., 10c; ¼ lb., 20c; lb., 60c.**

PEPPER

Vaughan's Magnum Dulce Pepper

Decidedly superior to Chinese Giant or any other variety known to market in size and sweet quality. The result of many years' careful selection by a successful grower. The yield of this variety may be greatly increased by pinching out the first or king blossoms which appear. These king blossoms produce the largest peppers. However, in doing so, they reduce the yield. The flesh runs ½ to ¾ inch thick, and is exceptionally mild and pleasant in flavor. Fifteen fruits to a bushel.

Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; lb., \$5.00.

Vaughan's Improved Sweet Mountain. It is a strong grower, very productive. The peppers when young are of a bright green color, without any shade of purple; when ripe they are of a very beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care for over twenty years. **½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

Ruby King. Grows 4½ to 6 inches long, by 3½ to 4 inches thick. The peppers are bright ruby red; one of the best for stuffed pickles. The mar for walls, is quite crisp and tender. **½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

Chinese Giant. Double the size of "Ruby King." Not only is it early in ripening and productive for so large a pepper, but its size will cause it to sell most readily. The fruits are of thick blocky form and of glossy scarlet. They grow four or five inches broad at the top, and are of equal length. All uniformly large. The flesh is mild and unusually thick; it makes an excellent salad sliced and served like tomatoes. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; lb., \$5.00.**

Pepper, New Neapolitan. A great market gardeners' variety, two weeks earlier than Bull Nose or Ruby King. It is of good size, mild flavor, and the plants are of good stocky growth. Its great value lies in its prolificacy. The flesh of the fruit is quite thick, and ripens an even bright red. **Price, ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

Pepper, New Upright Sweet Salad. This pepper grows upright, and not hanging as do other sorts. It is a cross between Chinese Giant and a very mild, sweet variety. Its value to the market gardener is in its earliness and mild flavor, so mild, in fact that even the seeds may be eaten raw without inconvenience. Fruits are of medium size and are produced in good numbers. The color is a very handsome green, and turns a waxen red when ripe. A fine variety for fancy trade. **½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.**

	½ oz.	Oz.	¼ Lb.	Lb.
Large Bell or Bull Nose	\$0.20	\$0.30	\$1.00	\$3.50
Cayenne Long Red	.15	.25	.75	2.50
Cayenne Pickling	.15	.25	.75	2.50
Celestial	.15	.25	.75	2.50
Elephant's Trunk	.15	.25	.75	2.50
Golden Dawn	.15	.25	.75	2.50
Mammoth Golden Queen	.20	.35	1.10	4.00
Neapolitan Improved Upright (New)	.20	.35	1.10	4.00
Pimento	.20	.35	1.10	4.00
Red Cherry	.15	.25	.75	2.50
Red Cluster	.15	.25	.75	2.50
Spanish Monstrous	.15	.25	.75	2.50
Tabasco, Pkt., 10c	.20	.35		

PUMPKIN

VAUGHAN'S SUGAR PIE PUMPKIN

Flesh very thick, sweet and fine flavored. Makes delicious pies. **Price: Oz., 10c; ¼ lb., 20c; lb., 75c.**

	Oz.	¼ Lb.	Lb.
Winter Queen (Winter Luxury.) Fine quality	\$0.10	\$0.20	\$0.75
Calhoun. Skin, cream color; flesh, salmon yellow	.10	.20	.75
Large Field. For cattle feeding	.10	.20	.60
Large Cheese. Flat; very productive	.10	.20	.60
Sweet Potato. Bell shaped, white flesh (for pies)	.10	.30	.90
Japanese Pie. Good keeper, fine quality	.10	.25	.85
Vaughan's Mammoth Prize. Very productive	.15	.40	1.50
Small Sugar. Good for the Home Garden	.10	.25	.75
Golden Oblong. Flesh yellow, excellent flavor	.10	.20	.75
Large Tours, or Mammoth French. Very large size	.10	.25	1.00
Quaker Pie	.10	.25	.85
Cushaw White or Striped. Either	.15	.40	1.25

RHUBARB

VAUGHAN'S MAMMOTH. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**
CHICAGO GIANT. Failure.
LINNAEUS. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**
RHUBARB ROOTS. 1-yr., per 100, \$4.00; 2-yr., \$7.50; 3-yr., \$15.00.
RAMPION. Roots and leaves used for Salads. **Oz., 20c; ¼ lb., 70c.**
SORREL. Broad leaved French. Cultivated for its leaves. Used like Spinach. **Oz., 15c; ¼ lb., 50c; lb., \$1.60.**
SAGE. For seasoning. **Oz., 20c; ¼ lb., 45c; lb., \$1.50.**



BEST TYPES

VAUGHAN'S RADISH

BEST QUALITY



VAUGHAN'S SELECT SCARLET GLOBE



ICICLE RADISH



SCARLET TURNIP WHITE TIP

EARLY VARIETIES

IMPROVED EARLY SCARLET GLOBE

Vaughan's Selected Stock

For greenhouse and hotbed forcing, and also for outdoors this is a most desirable sort.

Very early, mild, crisp, juicy and tender; top small and will stand heat and not become pithy.

Its bright scarlet color and handsome shape make it most attractive and one of the best sellers.

Our stock is selected with greatest care, as to size, shape, color and earliness, it is the very best; it is the right one in every respect and a money maker for market gardeners.

Oz. 10c, ¼ lb. 25c, lb. 80c, 5 lbs. \$3.75, 10 lbs. \$7.00.
Scarlet Globe, Ordinary. Oz. 5c, ¼ lb. 20c, lb. 60c, 5 lbs. \$2.75, 10 lbs. \$5.00.

ICICLE

The finest of the White Radish variety; has long slender pure white roots, crisp to the bite, and remain so until they grow larger. The tops are short, permitting close planting; early maturing, mild. The roots keep a long time before getting pithy.

Many of our customers consider it the finest quality radish they have ever planted.

Owing to its exceptional qualities as a perfect Radish for eating, being mild, crisp, white, it is a great favorite, and a profitable sort for the market gardener with a private trade.

Oz. 5c, ¼ lb. 15c, lb. 55c, 5 lbs. \$2.50.

STANDARD TURNIP SORTS

	Oz.	¼ lb.	Lb.	5 lbs
Vaughan's Early Scarlet Globe, White Tip	\$0.10	\$0.25	\$0.70	\$3.25
Earliest Carmine Turnip	.10	.25	.70	3.25
Crimson Giant Forcing	.10	.25	.70	3.25
Earliest White Turnip (White Box)	.10	.25	.70	3.25
Triumph (Variegated)	.10	.25	.70	3.25
All Seasons		Crop Failed		
Non Plus Ultra	.10	.25	.70	3.25
Early Deep Scarlet Turnip	.10	.25	.70	3.25
Yellow Turnip	.05	.20	.60	2.75
Golden Yellow Summer Turnip	.05	.20	.60	2.75
Vaughan's Cardinal Forcing	.10	.25	.75	

EARLY VARIETIES

SCARLET TURNIP WHITE TIP

Vaughan's Sparkler Strain

This is the most popular Radish for outdoor planting. It combines those qualities of attractive appearance, both color and shape which make it a splendid seller.

It is bright scarlet with white tip, just enough white to give sharp contrast to the red.

The tap root is very slender. We sell many thousands of pounds of this Radish annually to the most critical market gardeners, proving our stock is the very best.

Our seed is most carefully grown from transplanted roots, just right in color, size and shape. Oz. 5c, ¼ lb. 15c, lb. 50c, 100 lbs. \$45.00.

Scarlet Turnip White Tip, choice stock. Oz. 5c, ¼ lb. 15c, lb. 45c, 100 lbs. \$40.00.

EXTRA EARLY OLIVE SHAPED RADISHES

	Oz.	¼ lb.	Lb.	5 lbs.
Vaughan's 20-Day Forcing	\$0.10	\$0.25	\$0.70	
Improved French Breakfast	.10	.25	.70	\$3.25
French Breakfast	.05	.20	.60	2.75
Earliest White Olive	.10	.25	.80	3.75
Olive Yellow May	.10	.25	.70	3.25
Oval Deep Scarlet	.10	.25	.70	3.25
Vaughan's Olive Crystal				Crop Failure

EARLY LONG RADISHES

	Oz.	¼ lb.	Lb.	5 lbs.
ICICLE. The best early white Radish, the very highest quality and the roots keep a long time without becoming pithy	\$0.05	\$0.15	\$0.55	\$2.50
Brightest Long Scarlet (Cardinal)	.05	.15	.50	2.25
Early Long Scarlet (Short Top)	.05	.15	.50	2.25
Cincinnati Market	.05	.15	.50	2.25
Vaughan's Market (Long White)	.05	.15	.50	2.25
Wood's Early Frame	.05	.20	.60	2.75
Half Long Deep Scarlet	.05	.20	.60	2.75

SUMMER VARIETIES

	Oz.	¼ lb.	Lb.	5 lbs
Improved Chartier	\$0.05	\$0.20	\$0.60	\$2.75
Long White Vienna	.05	.15	.50	2.25
White Strassburg	.05	.15	.50	2.25
White Stuttgart	.05	.15	.50	2.25

WINTER RADISHES

Do not sow until last of June

	Oz.	¼ lb.	Lb.	5 lbs.
Chinese Mammoth, or Celestial	\$0.10	\$0.25	\$0.70	\$3.25
California Mammoth White Winter	.10	.25	.70	3.25
Rose, or Scarlet China Winter	.05	.20	.60	2.75
Round Black Spanish	.10	.25	.70	3.25
Long Black Spanish	.10	.25	.70	3.25
Half Long Black Winter	.10	.25	.75	3.50
Long White Spanish	.10	.25	.70	3.25
The Munich	.15	.30	1.00	...

For Garden and Greenhouse Tools, Market Gardeners' Supplies, Fertilizers, etc., see pages 23 to 26. We carry only high grade, dependable stock.

SALSIFY OR OYSTER PLANT



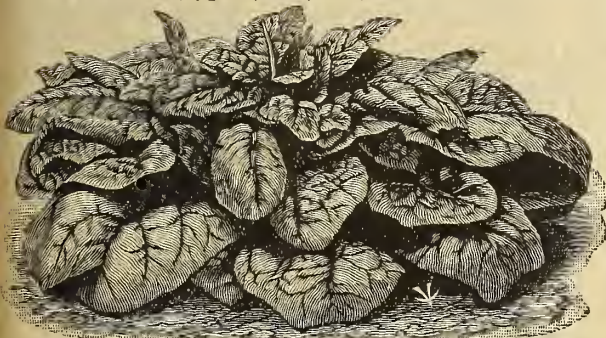
Sandwich Island Mammoth. Grows uniformly to an extra large size, averaging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Oz., 15c; ¼ lb., 45c; lb., \$1.50.

LONG WHITE SALSIFY. Oz., 15c; ¼ lb., 45c; lb., \$1.50.
Scorzonera. (BLACK SALSIFY). Oz., 15c; ¼ lb., 50c.

SPINACH Crop Very Short

Giant Fill Basket. (New). Considered in Germany the best Spinach ever produced. Our customers and trial grounds report phenomenal results. Its broad thick leaves are produced in remarkable abundance.

Price, oz., 15c; ¼ lb., 40c; lb., \$1.25.



For spring planting—Norfolk Savoy or Bloomsdale, Large Round Leaf and Victoria are most generally planted.

Vaughan's new Fill Basket, produces much larger plants in the same time and Vaughan's Triumph does not run to seed as quickly as others.

For Fall Season—Norfolk Savoy, Large Round Leaf and Prickly or Winter are good sorts.

Vaughan's Giant Fill Basket. As early as any and produces the largest plants of all spinach. Oz., 15c; ¼ lb., 40c; lb., \$1.25.

VAUGHAN'S NORFOLK SAVOY SPINACH

The popular Southern Spinach. The leaves remarkably thick and blistered, extremely hardy. Do not settle in the barrel in shipping as do other varieties. Our strain is right. Very early. Oz., 10c; ¼ lb. 30c., lb., \$1.00.

Extra Large Round Leaved—The most popular western variety much planted around Chicago. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Vaughan's Triumph (new)—Stands summer heat without running to seed longer than any other. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Bloomsdale—Same as Norfolk Savoy. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Large Round Viroflay—Early and large. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Victoria—Large and long seasoned thick leaves. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Long Standing—Slow to run. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Prickly Seeded—Late planting. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

New Zealand—A particular branching type for summer use. Price, oz., 15c; ¼ lb., 40c. lb., \$1.25

SWISS CHARD—A Money Crop

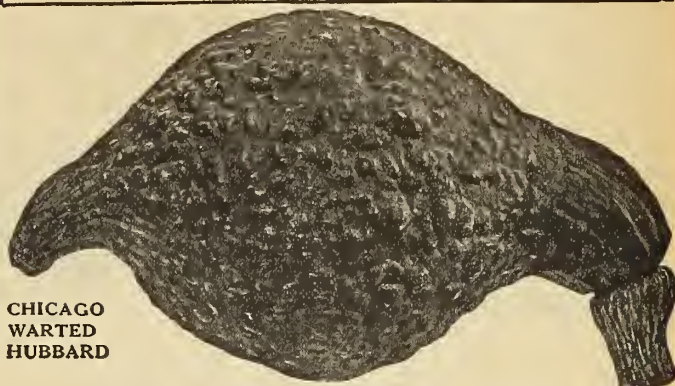
Cut and Come Again Spinach, as it is sometimes called, is far superior to the common Beet for greens and equal to Spinach. Planted like Beets, it may be cut throughout the entire summer and fall when no spinach is to be had. Often used as a catch crop.

Large Leaved or Sea Kale Chard. Oz., 10c; ¼ lb., 35c; lb., \$1.00.

Lucullus—A very curled sort, very large leaves, broad mid-ribs. Price, oz., 15c; ¼ lb., 40c; lb., \$1.25.

Lyon—A new variety especially selected for its broad mid-ribs and stems which are cooked like asparagus. Oz., 15c; ¼ lb., 40c; lb., \$1.25.

SQUASH



CHICAGO WARTED HUBBARD

SUMMER VARIETIES

Vaughan's Giant Summer Crookneck. The best of the Yellow Summer Crookneck varieties. A large and fine strain. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

Mammoth White Bush. (Patty Pan.) An improved selection of the early White Bush, being considerably larger and deeper, has less scallops, saving waste, and produces more heavily. Oz., 10c; ¼ lb., 30c; lb., 90c.

Giant White Summer Crookneck.	A white selection	Oz.	¼ lb.	Lb.
of Yellow Summer Crookneck		\$0.10	\$0.30	\$1.00
Yellow Summer Crookneck.	Smaller than Giant	.10	.30	1.00
Straightneck Summer		.10	.30	1.00
Mammoth Yellow Bush.	Large strain of Yellow Bush	.10	.30	.90
Yellow Bush Scalloped.	(Orange Patty Pan)	.10	.30	1.00
Early White Bush.	(White Patty Pan)	.10	.30	1.00
Fordhook.	An all year round variety	.10	.30	1.00
Bush Fordhook.	Bush form of Fordhook	.10	.30	1.00
Delicata.	Small fruited and early	.10	.30	.90
Vegetable Marrow.	An English vegetable	.10	.30	1.00

WINTER VARIETIES

Chicago Warded Hubbard. A selection of the largest, heaviest dark rough skinned specimens of the old Hubbard. We are and have been headquarters for years. Price, oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c; 10 lbs., \$7.00.

Hubbard. An extra choice strain, none better. Oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$6.50.

Golden Hubbard. A form of Hubbard. Almost bug-proof. Price, oz., 10c; ¼ lb., 30c; lb., 90c.

Delicious. The quality squash. \$0.10 \$0.30 \$1.00

Boston Marrow. Fall orange sort. .10 .25 .75

Chicago Orange Marrow. Large as Hubbard. .10 .25 .75

Pike's Peak. Large oval fruits. .10 .30 .90

Faxon's Brazilian. Long keeping. .10 .25 .75

Golden Bronze. Very sweet. .10 .30 1.00

Essex Hybrid. (Turk's Cap.) Large fall sort. .10 .25 .75

Marblehead. Fine quality, blue, olive shape. .10 .30 .90

Cocozelle, Italian Square. .10 .30 1.00



SWISS CHARD—Nothing better for "Summer Greens"

VAUGHAN'S TOMATO SEED

Our seed is raised by the most experienced growers, some of whom specialize on particular varieties only. Cheap tomato seed is very dear for the market gardener.



NEW GLOBE TOMATO (The Most Perfect Table Variety)

Certain Tomatoes sell much better on some markets than do other sorts For example, a red tomato sells well in New York while a purple sort is wanted in Chicago. Find out what your customers want.

New Globe. An entirely new shaped purple tomato. The majority of fruits being elongated in shape. Medium in season it is exceedingly prolific and bears large sized fruit throughout the season. In the few seasons since its introduction it has become the most popular high quality purple sort. Every gardener raising tomatoes should have a planting of this new kind. $\frac{1}{2}$ oz., 12c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

June Pink. The earliest pink tomato. We have a fine strain Our Chicago customers have made good money on this sort the last few seasons $\frac{1}{2}$ oz., 12c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

Early Detroit. (New) See page 4—novelties. A new second early producing even more marketable fruits than that old standard. $\frac{1}{2}$ oz., 12c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

Vaughan's Select Earliana. The earliest large smooth red Tomato variety is without equal as an early. Our strain has been most carefully bred early in season and produces a large percentage of smooth fruit. $\frac{1}{2}$ oz., 12c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

Bonny Best. An improved type of Chalk's Early Jewel Tomato. A red variety ripening right after Earliana and producing a fine large smooth fruit. It bears for a much longer period than Earliana, lasting well into the main crop season. $\frac{1}{2}$ oz., 12c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

POPULAR STANDARD

	Per pkt., 5 cents for any of the following except when noted:	$\frac{1}{2}$ Oz.	1 Oz.	$\frac{1}{4}$ lb.	Lb.
ACME. Early, large, smooth pinkish, purple in color, always a favorite.	\$0.12	\$0.20	\$0.60	\$2.00	
Atlantic Prize. Good size; early smooth red.	.12	.20	.60	2.00	
BEAUTY. Fine strain of this popular large sized smooth purple main crop sort.	.12	.20	.60	2.00	
Buckeye State. Round, smooth red.	.12	.20	.70	2.60	
CHALK'S EARLY JEWEL. Later but better yielder than Earliana.	.12	.20	.60	2.00	



PURPLE TOP WHITE GLOBE TURNIP

POPULAR STANDARD—Continued

	$\frac{1}{2}$ Oz.	1 Oz.	$\frac{1}{4}$ Lb.	Lb.
CORELESS. A late crop. Round sort wonderfully prolific and of fine quality.	\$0.12	\$0.20	\$0.70	\$2.00
Crimson Cushion. Very large round scarlet.	.15	.30	.80	3.00
Cream City. Purple, large and early.	.12	.20	.60	2.00
Dwarf Aristocrat. A dwarf red.	.12	.20	.65	2.20
DWARF CHAMPION. The most popular dwarf. Purple and smooth.	.12	.20	.75	2.50
DWARF STONE. Red, largest dwarf.	.12	.20	.70	2.50
Earliest of All—Vaughan's. The earliest but rough.	.12	.20	.65	2.20
Early Michigan. Early deep red.	.12	.20	.60	2.00
Enormous. Very large, smooth red.	.15	.25	.75	3.00
Favorite. Early, large smooth red.	.12	.20	.60	2.00
Freedom. Very early bright scarlet.	.12	.20	.60	2.00
Golden Queen. Rich deep yellow.	.12	.20	.65	2.20
Ground Cherry or Husk Tomato.	.15	.25	.75	2.50
Imperial. Large smooth purple.	.12	.20	.60	2.00
Honor Bright. A fine shipper, large and good quality.	.12	.20	.60	2.00
HUMMER—New. New type round tomato. Early bright scarlet.	.12	.20	.65	2.20
MAGNUS. Large potato-leaved purple.	.12	.20	.60	2.00
MATCHLESS. A fine large bright red.	.12	.20	.70	2.50
Model—Vaughan's. One of the best dwarf reds.	.12	.20	.70	2.50
Perfection. One of the best scarlets.	.12	.20	.60	2.00
PONDEROSA. The largest of all Tomatoes. We have a fine stock.	.20	.35	1.10	4.00
STONE IMPROVED. The best main crop. The most productive of all varieties and a fine shipper. Our strain unsurpassed.	.12	.20	.60	2.00
Tall Champion. A wonderful yielder of medium sized purple Aeme colored smooth fruits.	.12	.20	.65	2.20
Trophy. An old favorite red.	.12	.20	.60	2.00
Small Fruited Sorts. Red Cherry, Red Currant, Yellow and Red Pear, Yellow and Red Peach, Yellow and Red Plum, any one.	.15	.25	.75	2.50
Forcing Sorts. Comet, Sunrise, Sterling Castle, Hubert's Marvel, Lister's Prolific, Frogmore Select, each, pkt., 25c; 1 oz., 50c				
Lorillard, Sutton's Best of All, pkt., 10c; oz., 35c.				



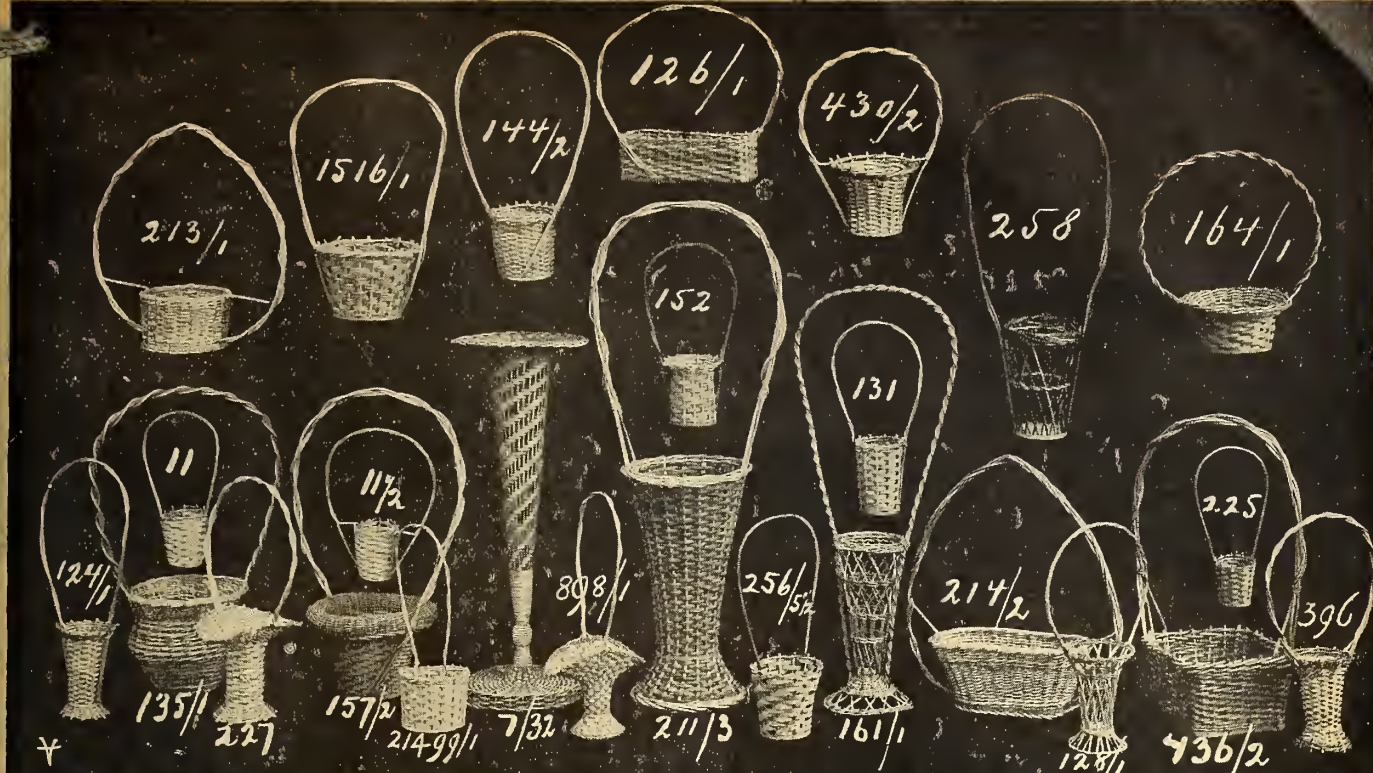
JUNE PINK (Best early Pink Tomato)

TURNIP

	Oz.	$\frac{1}{4}$ lb.	Lb.
White Milan. Earliest of all	\$0.10	\$0.30	\$0.90
Early Extra Purple Milan	.10	.30	.90
Purple Top Strap Leaf, 10 lbs., \$4.50	.10	.15	.50
White Egg	.05	.15	.50
Purple Top White Globe, 10 lbs., \$4.50	.08	.20	.50
White Flat Dutch, 10 lbs., \$4.50	.05	.15	.50
Amber Globe	.05	.15	.50
Yellow Aberdeen	.05	.15	.45
Golden Ball	.05	.15	.45
Large Yellow	.05	.15	.50
Long Cowhorn	.08	.20	.50
Early Snowball	.05	.15	.50
Seven Top	.05	.15	.50
Yellow Stone	.05	.15	.50
White Norfolk	.05	.15	.50
Teltow	.10	.25	.75

RUTABAGA, OR SWEDE

	Oz.	$\frac{1}{4}$ lb.	Lb.
Monarch, 10 lbs., \$4.50	\$0.05	\$0.15	\$0.50
Laing's Swede	.05	.15	.50
New Breadstone	.05	.15	.50
Carter's Imperial Swede	.05	.15	.50
American Improved, 10 lbs., \$4.50	.05	.15	.50
Skirving's Rutabaga	.05	.15	.50
White Swede	.05	.15	.50
Rhode Island Rock	.08	.20	.60
Sutton's Champion	.05	.15	.50
Sweet German	.05	.15	.45
Vassar (New)	.08	.20	.60
Bangholm Danish	.08	.20	.60



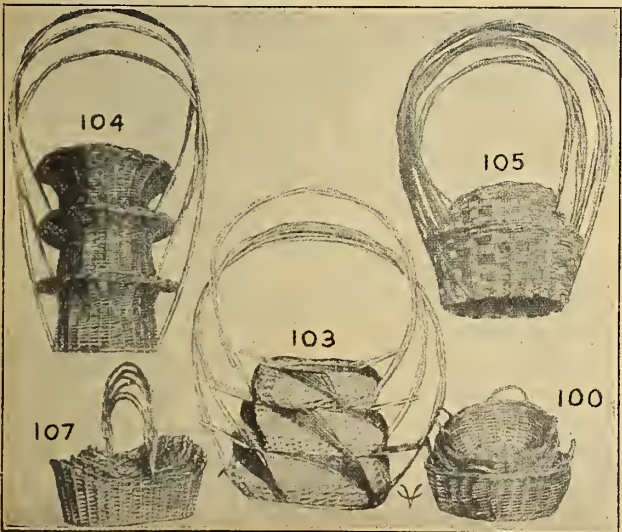
FLOWER BASKETS—NEWEST PATTERNS. The Baskets we illustrate on this page are mostly staple and well known styles which have proven satisfactory when used for Cut Flowers and Plants. We can fill orders promptly and satisfactorily. Give us a trial order.

GERMAN BASKETS

No.	Each	No.	Each
100 Round, nest of 3	\$2.00	105-2 Round	\$0.60
103-1 Oval	.75	105-3 "	.75
103-2 "	1.00	105-4 "	.85
103-3 "	1.25	107 Oval, 1 nest of 6	3.00
104- Round	.85	109 Oval	} Each .35 Dozen 3.50
105-1 "	.50	110 Violet	
		111 "	
112-1 Oblong with cover, length 7 inch	.45	112-2 " " " 8 inch	.55
112-3 " " " 9 inch	.65	112-4 " " " 10 inch	.75

SWISS MOSS BASKETS

Doz.	Gross	Doz.	Gross
3 inch, plain	\$.35 \$3.35	6 inch, plain	\$0.70 \$7.50
3 1/2 inch, plain	.38 3.75	7 inch, plain	.85 8.25
4 inch, plain	.40 4.50	8 inch, plain	1.05 11.50
5 inch, plain	.50 5.25	9 inch, plain	1.35 14.50



No. of Basket	Height Inch	Depth Inch	Width Inch	Natural each	Stained each	Enameled any color	Two tone or gold finish	Decorated each	Liner extra
11	15	5	4 1/2					\$4.80	.05
7/18	18			\$0.95	\$1.05	\$1.20	\$3.00	1.40	.25
7/21	24			1.60	1.85	2.10	2.50	2.75	.30
7/32	32			2.00	2.30	2.75	3.25	3.75	.40
7/40	40			2.60	3.00	3.60	4.00	4.70	.50
256/5	5			per doz.	2.50	3.00	4.00	5.20	.10
256/6	6			per doz.	3.00	4.20	5.20	6.40	.15
256/7	7			per doz.	4.00	5.25	6.30	7.80	.20
256/8	8			per doz.	5.00	6.20	7.40	9.80	.25
256/9	9			per doz.	6.00	7.20	8.40	11.40	.25
128/1	22 1/2	8	6 1/2	in any color desired	.45	.65	.85	1.10	included
128/2	24	9 1/2	6 3/4	in any color desired	.60	.85	1.10	1.40	included
128/3	28	11	7 1/2	in any color desired	.85	1.10	1.45	1.80	included
128/4	30	12	8 1/4	in any color desired	1.15	1.45	1.85	2.35	included
124/1	20	8	6	.25	.30	.35	.45	.60	.10
124/2	23	8 1/2	5	.25	.30	.30	.35	.50	.05
124/2	28	10	6	.40	.45	.50	.55	.75	.10
124/3	31	12	7	.72	.80	.90	1.00	1.35	.15
124/4	36	16	7 1/2	1.15	1.30	1.50	1.65	2.05	.20
1516/1	21	7	9	.45	.55	.65	.90	1.20	.15
1516/2	24	7	10 1/2	.75	.85	.95	1.25	1.60	.20
1516/3	26	8 1/2	13	1.00	1.25	1.35	1.80	2.30	.30
131	25	6 1/2	5	in any color desired	.25	.40	.55	.70	.05
21499/1	15	4	5	.18	.25	.35	.45	.60	.10
21499/2	18	5 1/2	6	.24	.28	.35	.45	.60	.15
21499/3	20	5 3/4	8	.35	.45	.55	.75	.95	.20
227	23	9 1/2	10	.47	.50	.60	.85	1.15	.25
152	17	5	5 1/2	in any color desired	.30	.45	.60	.80	.10
126/1	16 1/2	4 3/4	5 13	.50	.55	.65	.75	1.00	.10
126/2	19 1/2	5 1/2	6 1/2 x 17 1/2	.80	.90	1.00	1.15	1.50	.15
11 1/2	15	5	4	in any color desired	.30	.45	.60	.85	.10
258	30 1/2	10 1/2	7 1/2	.40	.50	.55	.65	.85	.15
144/1	20	5	5	.25	.28	.30	.35	.50	.10
144/2	21	6	6	.30	.35	.40	.45	.65	.15
144/3	24	7	7	.38	.45	.55	.60	.90	.20
898/1	21	8	9 1/2	.45	.50	.55	.60	.80	.05
898/2	24	9	10 1/2	.50	.60	.65	.70	.95	.10
898/3	26	9 1/2	11 1/2	.65	.75	.85	.95	1.20	.10
136/1	23	8	8	.60	.70	.75	.85	1.10	.20
136/2	26	9 1/2	9 1/2	.80	.90	1.00	1.10	1.40	.20
136/3	27	10 1/2	10 1/2	1.00	1.10	1.20	1.35	1.75	.30
136/5	32	13	13	1.45	1.65	1.80	1.95	2.50	.50
214/1	16	5	7 x 11 1/2	.65	.75	.85	.90	1.15	.20
214/2	21	6	9 x 15	.95	1.15	1.25	1.35	1.70	.30
135/1	27	9	10 1/2	.95	1.15	1.30	1.40	1.80	.15
135/3	30	11	13 1/2	1.45	1.65	2.00	2.25	2.75	.30
211/1	41	16	9 1/4			1.45	1.60	2.00	included
211/2	44	19	11			1.80	2.00	2.50	included
211/3	47	21 1/2	12			2.20	2.50	3.25	included
430/1	17	6	7	.23	.27	.35	.40	.60	.10
430/2	18	6 1/2	8 1/2	.35	.40	.45	.50	.75	.15
213/1	18	4 1/2	7	.50	.60	.65	.75	.95	.15
213/2	22	5 1/2	9 1/2	.80	.95	1.00	1.20	1.50	.20
213/3	23	5 1/2	11 1/2	1.00	1.15	1.25	1.40	1.80	.30
157/1	24	7 1/2	7 1/2	.80	.90	1.00	1.10	1.40	.15
157/2	27	9	9	.95	1.10	1.20	1.35	1.75	.20
161/1	32	14	6 1/2	in any color desired	1.20	1.50	1.80	2.35	included
161/2	36	15	7 1/2	in any color desired	1.50	1.90	2.40	3.10	included
161/3	38	16	8 1/2	in any color desired	1.85	2.35	2.90	3.70	included
164/1	17	4 1/2	9 3/4	.50	.60	.65	.75	.95	.20
225	14 1/2	4 1/2	3 1/2	.13	.15	.18	.20	.30	.05

VAUGHAN'S ^{ABC}_{LIST} FLORISTS' SUPPLIES

NOTICE.—Prices quoted in this Catalogue are subject to change without notice, owing to the unsteady condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

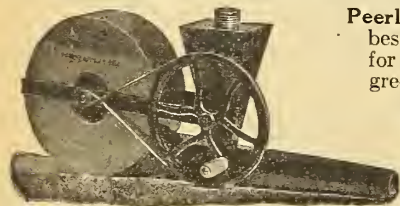
APRONS, Rubber. These are especially made for us of the best quality of Black Sheeting, and are 17/8 yards long. Each \$2.00; 3 for \$5.70. Postage, 25 cents each extra.

Waterproof, Oiled, Yellow—will give good satisfaction, each \$1.00; 3 for \$2.75

BAGS, Seed. Securely finished bags of the finest paper material for this purpose. 250 and over of one size furnished at 1000 rate. Smaller quantities at 15 per cent advance over 1000 rate. **Printing, 75c** per 1000 for 5000 or less, one color. Over 5000 at 50c per 1000. 10c for each change of copy. **All prices subject to change without notice.**

White (Miniature), 2 1/2 x 3 1/4 in., gummed flap. For small seeds. . . . \$1.50
 (No. 1530B Coin), 2 x 3 3/8 in., gummed flap. For flower seeds. . . 1.50
 (Special), 2 1/2 x 3 3/8 in., gummed flap. For flower seeds. . . . 1.60
Yellow (1/2 oz.), 2 3/8 x 3 3/8 in., not gummed. Square flap 1.20
 (1 oz.), 4 3/8 x 2 3/4 in., not gummed. Square flap 2.00
 (2 oz.), 5 1/2 x 3 3/8 in., not gummed. Square flap 2.50
Brown Kraft. 1 oz., per 1000, \$2.00; 2 oz., per 1000, \$2.50; 4 oz., per 1000, \$2.75; 1/2 pint, per 1000, \$3.50; 1 pint, per 1000, \$4.75; 1 quart, per 1000, \$5.50; 3 pint, per 1000, \$7.00; 2 quart, per 1000, \$9.00; 3 quart, per 1000, \$11.00; 4 quart, satchel bottom, per 1000, \$21.00 (not printed).

POWDER BELLOWS, American. For dusting with sulphur or like material. Three sizes, each \$1.15, \$1.40 and \$1.65.



Peerless Sulphur Blower. The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A 200-ft. greenhouse can be easily powdered in five minutes with this machine. Each \$4.25.

BIRCH BARK. Comes in sheets from 18 to 24 inches in width, runs about 10 feet long, weighs from 2 to 4 pounds to the sheet. Price, per lb. \$0.35

Write for price in full bale lots of 220 pounds.

BOOKS. For other Books, send for our Book List.

American Florist, The. Best paper for the trade; invaluable to every florist. Weekly. By the year. . . . \$1.00
American Florists' Directory. Florists should have this \$3.00
Asparagus Culture. Hexamer. Illus. Cloth, 174 pp. . . 50
Bulbs and Tuberos Rooted Plants. Allen. Cloth. . . 1.50
Carnation Culture. By L. L. Lamborn. 1.50
Chrysanthemum Culture. Herrington. Cloth, 158 pp. . 50
Forcing Book, The. By Prof. Bailey. Manual of vegetable cultivation under glass. Cloth. 266 pp. 1.25
Fertilizers. J. J. Gregory. Paper. 50
Fertilizers. By Prof. Voorhees. The best book on this important subject. Easy, comprehensible style. . . . 1.50
Floral Designs de Luxe. 355 designs. 2.50
Gardening for Profit. Henderson. Cloth, 369 pages. . 1.50
Gladiolus, The. Covers whole field of gladiolus culture. By Crawford and Van Fleet. Illustrated. 1.25
Greenhouse Construction. Taft. All the best structures fully described; 100 illustrations. Cloth. 1.50
Greenhouse Management. By L. R. Taft. Illus. Cloth. 1.50
Hand Book of Plants. Henderson's. Latest edition. . 3.00
Farm and Garden Rule Book. Contains much valuable information. By L. H. Bailey. Cloth. 2.00
Insects and Insecticides. C. M. Weed. Illus. 334 pp. . 1.50
Landscape Gardening. Maynard. 1.50
Lilies. An authoritative and instructive manual for growers. H. S. Adams. 1.10
Mushroom Growing. By B. M. Duggan. Illustrated Cloth, 250 pp. 1.50
Mushrooms, How to Grow Them. Wm. Falconer. Cloth. 1.00
Nursery Book, The. Bailey. Cloth. 365 pp. 1.50
Plant Propagation Greenhouse and Nursery Practice. By M. G. Kains. Cloth; 322 pp. 1.50
Practical Landscape Gardening. By Robert B. Criland Landscape Architect, Illustrated, Cloth. . . . 1.65
Practical Floriculture. By Henderson. 1.50
Pruning Book, The. Bailey. Illus. 545 pp. 1.50
Spraying of Plants, The. Lodeman. Cloth, 399 pp. . 1.25
The Book of Water Gardening. Peter Bisset. Cloth. 2.50
Violet Culture—Commercial. Galloway. Cloth, 239 pp. . 1.50

CAPE FLOWERS.

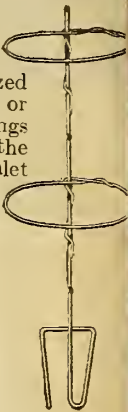
Pure White. Extra fine quality. \$1.15
Colored. Bright Shades. 1.75

CARNATION BANDS, Rubber. Tiny rubber bands, almost invisible. They are put on the buds just before the flower open or after the calyx bursts. Per lb. box of about 13,000 \$3.00 postpaid.

CARNATION STAPLE, Pillsbury's. A clever little device for mending Carnation flowers with burst calyx. The staple is practically invisible, being made of very fine hair wire. Price 1,000 staples, 35c.

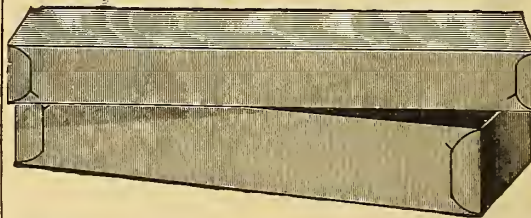
CARNATION SUPPORT, Common Sense.

The best and simplest Carnation support on the market to date. Has a 24-inch galvanized stake that will hold 1 to 4 rings. The anchor or foot holds the support erect and firm. The rings are prevented from twisting or sliding by the crimps in the stake. Write for descriptive pamphlet and prices in large quantities. Price: 2 ring supports, f. o. b. Chicago, per 100, \$2.25; per 1,000, \$19.50; f. o. b. New York, per 100, \$2.75; per 1000, \$22.50; 3 ring supports, f. o. b. Chicago, per 100, \$2.80; per 1000, \$22.75; f. o. b. New York, per 100, \$3.30; per 1000, \$25.75.



CLIP, Blake's Lever. A useful little article for fastening stakes to the cross wire. They never slip, and are a great saving in both time and money. Price \$1.50 per 1,000. Samples mailed free.

CUT FLOWER BOXES.



F. O. B. Chicago only
 Printing \$1.00 extra. In gold \$2.00 extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete

stock and can usually fill orders promptly. If required printed usually means delay of about ten to twelve days. Shipped only in original packages of 100.

Prices subject to change without notice owing to unsettled market conditions.

VAUGHAN'S "GREEN" GRADE.

Fine, green lined, moisture-proof board. Very popular.

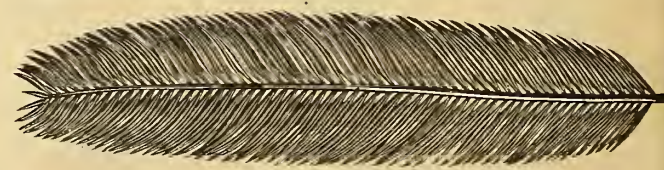
Size in inches	Weight Per 100	Per 100	Size in inches	Weight Per 100	Per 100
3 x 16x4	33 lbs	\$3.25	3 1/2 x 30x5	75 lbs	\$ 5.8
3 x 18x5	40 lbs	3.80	4 x 24x8	85 lbs.	6.4
3 x 21x5	45 lbs	4.10	5 x 28x8	105 lbs	7.9
3 1/2 x 24x5	60 lbs	5.15	5 x 36x8	125 lbs	10.2
3 1/2 x 21x7	65 lbs	5.50	6 x 40x10	179 lbs	14.0

FLORAL DESIGN BOXES.

No. 26.	5	x23x12, 110 lbs.	. . . . .	\$10.5
No. 27.	8	x20x20, 240 lbs.	. . . . .	21.00
No. 28.	5 1/2	x29x16, 170 lbs.	. . . . .	14.6
No. 29.	8	x24x24.	. . . . .	24.2

JAPANESE VIOLET BOXES (Fancy Plated Board).

5x9x6, 30 lbs.	\$1.50	5 1/2 x 11 x 8, 45 lbs.	\$6.00
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CYCAS LEAVES.

Prices subject to change without notice

Length	Each	Dozen	100	Length	Each	Dozen	100
12 to 16 in.	\$0.06	\$0.50	\$3.50	28 to 32 in.	\$0.10	\$1.00	\$6.50
16 to 20 in. . . . .	.07	.60	4.00	32 to 36 in. . . . .	.13	1.25	7.50
20 to 24 in. . . . .	.08	.80	4.75	36 to 40 in. . . . .	.15	1.50	8.50
24 to 28 in. . . . .	.09	.90	5.50	40 to 44 in. . . . .	.18	1.75	9.50

Vaughan's High-Grade Fertilizers

OUR POLICY for the many years during which we have handled Fertilizers has been to supply only the highest grades in each class, omitting the cheap and doubtful qualities and stocks into which low grade fillers have been worked for the sake of cheapening the price. Prices on Fertilizers are net cash.

Customers ordering Fertilizers can depend on receiving **THE BEST OBTAINABLE.**

ACID PHOSPHATE, 14% available. 100 lbs. \$2.00; 500, \$7.00; 1,000, \$12.50; 2,000, \$24.00.

BONE MEAL, Vaughan's Rose Grower

A special brand we have put up for our grade. Free from acid and a superb article. Made from bone accumulated in large slaughter houses, and should not be compared with Bone Meal made from cattle heads and feet gathered on the western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it so it can be ground fine, and is thus quicker in its action, and can be more evenly distributed through the soil. Analysis—Ammonia $4\frac{1}{2}$ to $5\frac{1}{2}$ per cent; total phosphoric acid, 22 to 25 per cent; total bone phosphate, 48 to 54 per cent.

Price, F. O. B. Chicago: 5 lbs., 25c; 10 lbs., 50c; 25 lbs., 80c; 50 lbs., \$1.35; 100 lbs., \$2.35; 200 lbs., \$4.25; 500 lbs., \$10.00; 1,000 lbs., \$19.00; 2,000 lbs., \$37.00.
F. O. B. New York: 25 lbs. 90c; 50 lbs., \$1.60; 100 lbs., \$2.85; 200 lbs., \$5.00; 500 lbs., \$11.75; 1,000 lbs., \$22.50; 2,000 lbs., \$44.00.

BONE MEAL, Regular Grade. A Good Article. Price, F.

O. B. Chicago: 25 lbs., 65c; 50 lbs., \$1.20; 100 lbs., \$2.15; 200 lbs., \$3.85; 500 lbs., \$9.75; 1,000 lbs., \$18.00; 2,000 lbs., \$35.00.
F. O. B. New York: 25 lbs., 75c; 50 lbs., \$1.45; 100 lbs., \$2.75; 200 lbs., \$5.25; 500 lbs., \$11.00; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

BONE FLOUR. Same grade of Bone as our "Rose Grower," only ground to a fine white flour. Very quick acting. F. O. B. Chicago: 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50; 500 lbs., \$11.50; 1,000 lbs., \$22.50. Add 50c per 100 lbs. if shipped from New York.

BONE SHAVINGS. Lasting, and especially recommended for use in palm soil and on other plants which are not shifted very often, and where a continuous supply of plant food is required. Price, 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 100 lbs., \$3.00.

BONE AND BLOOD. Recommended for mixing with potting soil, application to soil on benches for carnations, chrysanthemums, etc. Use one pound to bushel of soil for potting soils; one-fourth pound to square yard as top dressing. F. O. B. Chicago: Price, 25 lbs., 80c; 50 lbs., \$1.40; 100 lbs., \$2.40; 500 lbs., \$10.75; 1,000 lbs., \$20.00; 2,000 lbs., \$39.00. F. O. B. New York: 100 lbs., \$4.00; 1,000 lbs., \$23.50; 2,000 lbs., \$45.50.

BONE, BLOOD AND POTASH. Fertilizer Mixture (analysis 5-8-3%). Excellent for mixing into potting soil or as a pot dressing. For potting soil use about 20 lbs. to the cubic yard of soil and for the dressing scatter it about as thick as lawn grass is sown. Excellent for carnations. Can be applied as a liquid manure, using 8-inch potful to barrel of water. F. O. B. Chicago: Price, 25 lbs., \$1.35; 50 lbs., \$2.50; 100 lbs., \$4.40; 500 lbs., \$19.00. Add 50c per 100 lbs. if shipped from New York.

DRIED BLOOD. For top dressing, for mixing with the soil and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, mums, all kinds of pot plants. Price, F. O. B. Chicago: 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.60; 50 lbs., \$2.75; 100 lbs., \$4.75; 200 lbs., \$8.75; 500 lbs., \$20.00; F. O. B. New York: 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$5.50.



SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely ground, put up in 100 pound sacks. Our supply is of uniform quality, saved under shelter and not leached. Our customers using it may, therefore, be certain of uniform results. The manure we supply is not adulterated, nor has it lost its strength in any way. (Prices subject to market change.) Price, F. O. B. Chicago: 25 lbs., 60c; 50 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs., \$7.50; 1,000 lbs., \$12.50; 2,000 lbs., \$23.00. F. O. B. New York: 25 lbs., 70c; 50 lbs., \$1.10; 100 lbs., \$2.10; 500 lbs., \$9.00; 1,000 lbs., \$15.50; 2,000 lbs., \$30.00.

CATTLE MANURE, Shredded. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings, giving it an even quality. The easy way of handling the manure, not a pound being wasted, makes it cheaper than the rough manure. Price F. O. B. Chicago: 100 lbs., \$1.60; 500 lbs., \$6.00; 1,000 lbs., \$10.00; ton, \$18.00.

CATTLE MANURE, Pulverized. Price, F.O.B. Chicago, 100 lbs., \$1.65; 500 lbs., \$6.25; 1,000 lbs., \$10.00; ton, \$18.00.

VAUGHAN'S LAWN AND GARDEN FERTILIZER. Does the work of twenty times its weight of farmyard manure, and does it better, more quickly and cheaper and lasts longer. Contains no weed seeds. Easily applied. Put up in neat packages and bags. Price, F. O. B. Chicago: 25 lbs., 95c; 50 lbs., \$1.65; 100 lbs., \$2.75; 200 lbs., \$5.00; 500 lbs., \$11.00; 1,000 lbs., \$21.50; 2,000 lbs., \$42.50. F. O. B. New York: 25 lbs., \$1.05; 50 lbs., \$1.90; 100 lbs., \$3.20; 200 lbs., \$6.00; 500 lbs., \$12.75; 1,000 lbs., \$25.00; 2,000 lbs., \$49.00. If put up in 5 and 10 lb. packages, our price per 100 lbs. is \$3.65.

CLAY'S FERTILIZER. This valuable imported manure, especially recommended to all who wish to bring fruits or flowers to highest perfection. Used in potting and as top dressing. 7 lbs., 90c; 14 lbs., \$1.60; 28 lbs., \$3.25; 56 lbs., \$4.75; 112 lbs., \$9.00. If shipped from New York \$7.25.

HORN SHAVINGS. From a knife handle factory, fine clean shavings, indispensable for use in potting soft plants. Can be used freely, with only beneficial results. Quick acting and lasting. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.60; 100 lbs., \$5.60.

ICHTHEMIC GUANO. 28 lbs., \$3.00; 56 lbs., \$4.50; 112 lbs., \$8.00.

NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manures, but the cheapest and best form in which to apply Nitrogen to plants. Florists using farm manure should continue to use it, but use Nitrate of Soda in addition, as a liquid at rate of 1 ounce to 2 gallons of water. 10 lbs., 75c; 25 lbs., \$1.70; 100 lbs., \$5.75; original sack (220 lbs.), \$11.75; 500 lbs., \$24.00.

SCOTCH SOOT, (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price: 28 lbs., \$1.50; 56 lbs., \$2.25; 112 lbs., \$3.75.

SULPHATE OF AMMONIA. Used for its Nitrogen. Very desirable fertilizer for all plants in which large leaf development or rapid growth is desired. 5 lbs., 65c; 10 lbs., \$1.25; 25 lbs., \$2.00; 100 lbs., \$7.50.

UNLEACHED HARDWOOD ASHES. Per 100 lbs., \$1.50; 500 lbs., \$5.00; 1,000 lbs., \$9.25; ton, \$18.00.

VAUGHAN'S CONCENTRATED FLOWER FOOD. Handsome packages, with lithographed labels and directions for using. Is one of the best selling articles a florist can have in his store. F.O.B. Chicago only: $\frac{1}{2}$ lb. packages, each 15c, per doz. \$1.50; box, 2 doz., \$2.75; 1 lb. package, each 25c, per doz. \$2.50; box, 2 doz., \$4.75.



BOWKER' PLANTS FOOD. $\frac{1}{2}$ lb. package, each 15c; doz. \$1.50; box, 2 doz, \$2.75.
1 lb. package, each 25c, doz. \$2.50; box, 2 doz., \$4.75.

LEAF MOLD AND PEAT FOR POTTING

LEAF MOLD. For Ferns, etc.; clean stock. 6 bbls., \$12.00; bbl., \$2.25.

PEAT. Indiana or Muck Peat. For Azaleas, Rhododendrons, etc. 3 bbls., \$5.25; bbl., \$2.00.

Orchid. (Fern roots.) Best quality. Bbl., \$2.25; 3 bbls., \$6.

GLAZING TOOLS, MATERIALS AND PAINTS

ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE



DIAMOND GLASS CUTTER



PUTTY BULB

MASTICA, For Glazing Greenhouses

The use of "Mastica" avoids the necessity of repeatedly glazing the houses, saving much time and expense. With "Mastica" can be used in or use outside with a machine. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., \$1.60; 5 gals., \$7.50; 10 gals., \$14.50; 22 gals., \$30.75.

GLAZING PUTTY, Twemlow's Old English

By using this putty greenhouses can be glazed in half the time and for less money than if ordinary putty is used. It will take five gallons to glaze a house 100x20 feet at a cost of \$8.00. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., \$1.85; 5 gals., \$8.75; 10 gals., \$17.00; 25 gals., \$41.50.

PUTTY BULB, Scollay's

A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each 90c; 3 for \$2.50; doz., \$9.50. If by mail, (weight under 1 lb.)

MASTICA MACHINE—Each, \$1.45; 5 for \$6.75.

DOVES, Vaughan's Flexible

The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.

Extra Quality Birds. Each, \$1.40; 6 for \$7.50; doz., \$14.00.

First Quality Birds. Perfect in every way; on stands. Each \$1.15; 6 for \$6.00; 8 or more at rate of \$11.50 per dozen.



DUSTER—Leggett's Little Giant The best dry powder gun; can dust two rows at a time. Each, \$6.50.

JUMBO POWDER GUN..... \$0.30

CYCLONE, small size..... .15

LOWELL DUSTER. Each..... .75

FIRE EXTINGUISHER, Pyrene

is the only extinguisher that will put out every kind of fire in its incipient state, no matter how it starts or what is burning. Extinguishers are filled ready for use—easily refilled.

PRICES: Brass extinguisher..... \$7.00

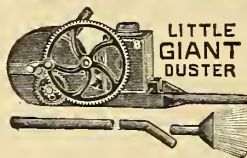
Nickel Plated..... 8.00

Liquid, per quart..... 1.00

FUMIGATOR, Sulphur. Campbell's pat. Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire.
No. 1. For houses up to 5,000 cu. ft..... \$4 50
No. 2. For houses up to 10,000 cu. ft..... 6 25
Shipped from New York city only

FUMIGATORS, Eureka. Made of galvanized iron.
Size Capacity Size Capacity Size Capacity Size Capacity
No. 1 1/2 pk., \$1.25 No. 2 1 pk., \$1.75 No. 3 1/2 bu., \$2.50 No. 4 1/4 bu., \$3.25

GARDEN LINE. Per 100 ft., 75c. if by mail (weight 1 lb.); 1000 feet \$7.00.



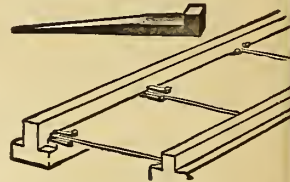
GLAZING POINTS, Vaughan's Perfection

No rights or lefts
No. 2. Large single thick glass.
No. 2 1/2. Double thick, for greenhouses and skylights.
No. 2. Price per box of 1000 (Weight 1 lb.) 55c; in lots of 5000, 50c per 1000. No. 2 1/2 per 1000, 55c; £000 at 50c.
Pinecrs or plies for same, 50c; postpaid, 60c



SIEBERT'S IMPROVED

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, 5/8 and 7/8-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of 5/8; over 1,000 points in 1-lb. pkg. of 7/8
Price: Per lb., 55c; 5 lbs., \$2.50; 20 lbs., \$9.00.



CLAMP, Peerless Repair

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.00.



DIAMOND GLASS CUTTER. With guide wheel. Each, \$4.50.

RED DEVIL GLASS CUTTER. Doz., \$1.50; each, 15c.

PUTTY KNIFE, No. 120. A very good tool. Each, 25c; 3 for 65c.

PAINT, Hammond's Greenhouse White

This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., \$2.50; 2 gals., \$4.85; 3 gals., \$7.20; 5 gals., \$11.75; 10 gals., \$23.00.

HAMMOND'S GREEN, Mount Beacon. Specially prepared for shading greenhouses. Per gal., \$1.65; 5 gals., \$8.00.

GARDEN LINE REEL. Each..... .60c.

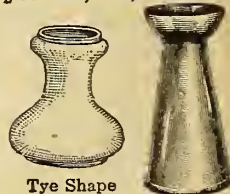
GRAFTING WAX. Per 1/4-lb. bar, 10c; 1/2-lb. bar, 18c; 1-lb., 30c.

(If by mail, see postal rates in front of catalog).

HYACINTH GLASSES

Tall American, in four distinct colors. \$1.50 per dozen; 3 dozen, \$4.25.

Tye Shape. These are preferred by some to the ordinary tall. Per doz., \$1.60; 3 dozen for \$4.50.



LETTERS AND FIGURES

IMMORTELE LETTERING. Purple. Per 4-yard pkg. 90c; 6 pkgs. \$5.00.

IMMORTELE LETTERS AND FIGURES.

1 1/2 or 2 inches in length, 3c each; 100, \$2.75.

BOSTON FLORISTS'. Patent fasteners with each letter, 1 1/2 and 2 inches, per 100, \$2.00.

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each 3 1/2c.

FELT LETTERS. Purple. For pasting on ribbon of any kind. Used when letters of other makes are not available. 1-inch, per 100, 75c; in less than 100 lots, 1c per letter.

GILT RIBBON LETTERS. Gummed. 1 1/4-in. per 100, \$1.50; 1-in. per 100, \$1.25; 3/4-in., per 100, \$1.00; 1/2-in., per 100, 75c.

CHENILLE LETTERING. Silk—Purple, scarlet, pink, light blue, yellow and white, at 75c per pkg. of 12 yds; \$7.50 per doz. pkgs.
Worsted, Large—Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 30c; per gross, \$2.50.

Worsted, Small—Same colors, 12 yards, 25c; gross, \$2.25.

Twisted Chenille, Large—Any color, 12 yds, 30c; gross, \$2.50.



RUBBER HOSE COUPLERS, NOZZLES, ETC.

ELECTRIC NON-KINKABLE GUARANTEED HOSE

A brand of hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in reels of 500 feet; order exact number of feet you require. We can cut in any length.



Guarantee—We guarantee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse.

Price 3/4 or 1/2 inch; couplings free; sample mailed free if desired.

1 to 24 feet.....	per ft. 20c	50 to 99 feet.....	per ft. 18c
25 to 49 feet.....	per ft. 19c	100 to 400 feet.....	per ft. 17 1/2c

HOSE COUPLER, The "Snap."

A new and simple coupling, easy to operate; stationary washer; cannot fall out.



- No. 1**—Screws onto hydrant or old threaded coupling; use with No. 2 or 4 in connecting hose. Each, 22c; doz., \$2.25.
- No. 2**—Screws into faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connection, No. 1 or No. 5. Can also be screwed into old threaded coupling. Each, 17c; doz., \$1.75.
- No. 3**—Gooseneck, screws into the old threaded coupling. Most useful at the hydrant. Each, 17c; doz., \$1.75.
- No. 4**—Corrugated, for insertion directly in the hose. Use with No. 5 for connecting hose. Each, 17c; doz., \$1.75.
- No. 5**—Corrugated, for insertion in the hose. Use with No. 4 for connecting hose. Each, 30c; doz., \$3.00.
- Common**—Brass, for 1/2 or 3/4-in. hose. Each, 18c; doz., \$1.85. 1-in., each, 20c; doz., \$2.00.



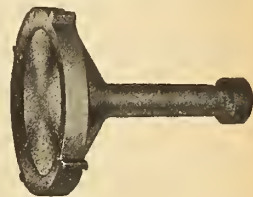
HOSE MENDER, The Cooper.

It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers or mechanical skill to adjust them. Price: For 1/2 or 3/4 inch hose, each, 10c; 4 for 35c; doz., 85c. 1-inch hose, each, 12c; doz., \$1.20.

HOSE MENDERS, Iron.—3/4-in. Each, 7c; doz., 65c; gross, \$5.25.

HOSE NOZZLES.

"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3 3/4 inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, \$2.50.



"Gem" — Throwing all variations, from fine spray to stream. Each, 50c.

Boston Rose Spray Nozzle—Brass. 3/4-inch ho State whether coarse or fine spray is wanted. Each, 50c; by mail, 60c.



Bordeaux Spray Nozzle—For spraying insecticides and white-washing. 1/2-inch hose. Each, 75c; by mail, 80c.

Vermorel Spray Nozzle—For spraying insecticides and whitewashing. For 1/2-inch hose. Each, 75c; by mail, 80c.



Standard Nozzel—Brass. Throws both stream and spray. Each, \$1.00. By mail \$1.10.

HOSE STRAPS, Caldwell. For 1/2, 3/4 and 1 in. hose. Doz., 18c.

HOSE WASHERS. 3/4-inch. Doz., 5c; gross, 50c.

HOSE REDUCERS. For connecting two lengths of hose of different diameter, 1 inch to 3/4 inch. Each, 30c; doz., \$3.25. 3/4 inch to 1/2 inch, each, 25c; doz., \$2.25.

HOSE CLAMPS. with nut and bolt. For 3/4-inch hose. Each, 8c; doz., 75c.

FLORISTS' KNIVES

Sheffield English Knives are standard the world over. The following have been made specially for our trade. Try them and you will use no other.

	Each	3 for	Doz.
Budding, Ivory Handle, No. 112	\$1 00	\$2 75	\$10 00
Budding, Ivory Handle, 2 blades, No. 166 1/2 ..	1 65	4 65	17 25
Budding, Ivory Handle, buff edged blade, No. 186	1 10	3 00	11 00



Budding, Ivory Handle, No. 109	1 50	4 25	15 50
Budding, Ivory Handle, No. 107	1 75	5 00	18 25
Pruning, Imitation Stag Handle, No. 052 ..	85	2 25	8 00
Pruning, Genuine Stag Handle, No. 017	1 65	4 65	17 25
Pruning, Genuine Stag handle, 3 blades, No. 267	1 60	4 50	16 50
Pruning, Genuine Stag Handle, 2 blades, No. 267 1/2	1 35	3 75	13 75

	Each
Asparagus —American straight cut	\$0 45
American Concave	50
Budding —English (Saynor) (400)—Ivory handle.....	1 60
Propagating —English (Saynor) (401)—Ivory handle....	1 50
Vaughan's English No. 109—Ivory handle. Per doz., \$15.50	1 50
Ivory Handle, sheep foot blade, No. 112 1/2—3 for \$2 75; doz. \$10 00	1 00
Vaughan's Florist —3 for \$2.10; 12 for \$8.00.....	75
Potato Knife —Stationary blade, beech handle, right or left handed	25
Pruning —English Stag handle, No. 812 1/2	1 40
Nurseryman's Heavy Pruner , No. 3C	1 00
German, extra strong, No. 2C	85
German, for greenhouse purposes	1 15
Putty Knife —No. 120, a very good tool; 3 for 65 cents	25

INSECT DESTROYERS

Prices on all insecticides are subject to change as season advances owing to unsteady market price of all chemicals.

NIKOTEEN. Use same as Nicotinic, 2 oz., 40c; ½ pt., 85c; pt., \$1.50; 3 pts., \$4.25. Per original case, 10 pts., \$13.00.

TO-BAK-INE. High strength Nicotine preparation. 1 pt., \$2.50; ½ gal., \$9.00; 1 gal., \$17.50.

APHINE. 1 pt., 65c; 1 qt., \$1.00; 1 gal., \$2.50

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box 25c; by mail 35c; smaller size 15c.

APHIS PUNK. Special preparation of nicotine for killing insects. Per pkg., 12 sheets, 60c; 1 case, 12 pkgs., \$6.50.

ARSENATE OF LEAD. The latest and best known insecticide for all leaf eating insects. It adheres to the foliage for weeks, thus doing away with repeated sprayings. There is absolutely no danger of burning or scorching the leaves. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.75; 100 lbs., \$16.00.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; 5 lbs., \$1.25; 25-lb. kegs, \$5.25.

BORDEAUX MIXTURE. (Liquid.) Ready for use by simply adding water. 1 gallon will make 50 gallons liquid. 1 qt., 50c; 1 gal., \$1.35; 5 gals., \$6.50.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 45c; ½ lb., 25c.

FISH-OIL SOAP, Commonly known as Whale-oil. Standard wash for trees and plants where insects and eggs affect the bark. ½ lb., 12c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c.

FIR TREE OIL SOAP. For thrip, red spider, black and green fly, mealy bugs, worms, slugs. Per ½-lb. tin, 25c; by mail, 35c 2-lb. tin, 75c.

FLOWERS OF SULPHUR. Lb., 10c; 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.50.

FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. 1 qt., \$1.25; 1 gal., \$3.50.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. Per lb., 10c; 5 lbs., 45c; 10 lbs., 75c.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25.

HORICUM. Sulphur, Lime, Salt, etc., in such proportions as make a most powerful and effectual form for use as a preventive and cure for San Jose scale. Per qt., 35c; per gal., \$1.00; 5 gals., \$4.50.

KEROSENE EMULSION. One of the best insecticides for all soft-bodied sucking insects feeding openly, so as to be within reach of actual contact, such as plant lice, flea, beetles, aphid, green fly, mealy bug; also for insects on fruit trees, including San Jose scale. Per 1-quart can, 40c; 1 gal., \$1.00; 5-gallon can, \$4.50.

LEMION OIL. Destroys mealy bug, scale thrip, red spider, etc. ½ pt., 25c; pt., 40c; qt., 75c; ½ gal., \$1.25; gal., \$2.00; 5 gals., \$9.00.

LABELS (Pot). We carry the best quality of Wooden Labels made in this country. They are smooth, strong

and neat.	In lots of 5,000 we allow a discount of 5 per cent.	Per 1000
		Plain. Painted
Wooden, 4-in., plain, 10,000	\$5.50;	\$0.60
" 4 " painted, 10,000	7.00;	\$0.90
" 5 " . . . . .		.85 1.10
" 6 "		1.10 1.60
" 8 "		3.25 4.25
" 10 "		3.75 4.75
" 12 "		5.75 6.75



LABELS (Tree).	Plain.	Painted.
Wooden, 3½ in. iron wired per 1,000	\$0.95	\$1.15
" 3½ in. copper wired per 1,000	1.20	1.45

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. ¼ lb. 50c; 1 lb. \$1.50; 4 lbs., \$5.50; 8 lbs. \$10.50.

"NICO-FUME." A tobacco Paper for Fumigating. Strips of Paper strongly saturated with Nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft long by 20 ft wide. Price 24 sheets 85c; 144 sheets, \$4.00; 288 sheets, \$7.50. Prices subject to change.

BLACK LEAF 40, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. can, 25c; ½ lb., can 75c, makes 40 to 100 gallons; 2 lb., can, \$2.50, makes 200 to 500 gallons; 10 lb., can, \$10.75, makes 840 to 2100 gallons.

LIME SULPHUR. The best remedy for San Jose scale. One gallon makes ten. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Per qt. can, 40c; 1 gal., \$1.00; 5 gal. can, \$4.00.

NICOTICIDE. Fumigating compound for killing all kinds of insects on plants in greenhouses and frames. 4 oz., 70c; ½ pt., \$1.25; 1 pt., \$2.50; qt., \$4.50; ½ gal., \$8.25; gallon, \$15.00. Fumigators for above, each, 75c.

PARIS GREEN. A poisonous insecticide in powder form, for insects which chew. When applied as a powder use one part Paris Green to 100 parts plaster or flour. As a liquid one pound of Paris Green in 150 to 300 gallons water; if used on fruit trees add one pound quick-lime. ½ lb., 35c; per lb., 60c; 5 lbs., \$2.65; 14 lbs., \$7.00.

PYROX. Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price, lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$13.50.

SCALECID. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 40c; gal., \$1.25; 5 gals., \$4.00; 10 gals., \$7.00.

SLUG SHOT, Hammond's. Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb. 15c; 5 lb. package, 45c; 25 to 50 lbs., at 6c lb. 100 lbs., \$5.85; barrel, 250 lbs. in bulk, \$14.00. Slug Shot Duster. Large size, 40c.

SOLUTION OF COPPER. For use on trees, vines, or vegetables affected with rot, blight or scab. Per pt., 40c; qt., 65c; gal., \$2.00.

SULPHO-TOBACCO SOAP. One of the best remedies for green fly on roses. Per ½-lb. box, 20c; by mail, 25c. Doz., \$2.00; 3-oz. package, each, 8c; doz., 85c.

THRIP JUICE. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c.

TOBACCO DUST, (Fumigating and Dusting). Fine dark powder of high strength and will do the work. 5 lbs. 35c; 10 lbs., 50c; 100 lbs., \$3.50.

TOBACCO DUST, (Regular Grade). 5 lbs., 20c; 10 lbs., 35c; 100 lbs., \$3.00.

TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply.
100 lbs. \$1.50
500 lbs. 6.25
1000 lbs. 10.50



TREE TANGLEFOOT. Perfect safeguard for trees. Lb., 35c; 3 lbs., \$1.00. 10 lbs., \$3.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Gal. \$3.00; quart, \$1.00.

COPPER LABELS.

Wired, indestructible. Per 100, \$1.65; larger size, per 100, \$2.15. (See under "p" for Indelible Pencil).

CYPRESS LABELS For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of ⅜ inch timber. Paint with white lead before using, and write before paint dries.

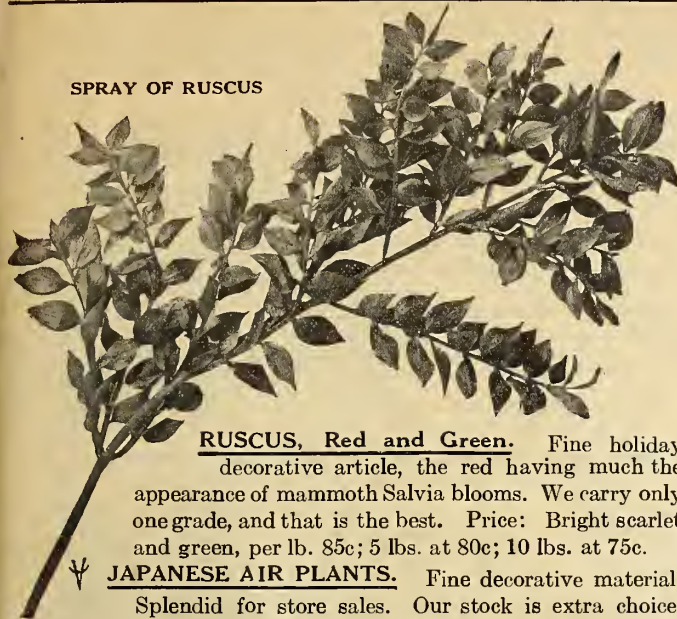
Length 16 inches per 100,	\$2.50
" 18 inches " "	3.00

ZINC TREE LABELS.

For an enduring label these are unsurpassed. They last for many years. The writing which is done with an ordinary lead pencil gets plainer with age. They are copper wired and measure 3¼x¾ inches. Price per 100, \$1.60.

Prepared Leaves, Sprays and Mosses

SPRAY OF RUSCUS



RUSCUS, Red and Green. Fine holiday decorative article, the red having much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb. 85c; 5 lbs. at 80c; 10 lbs. at 75c.

JAPANESE AIR PLANTS. Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15c; Doz. \$1.20; 100, \$8.50.

IMMORTElLES. If shipped from New York we will allow \$1.00 off per full case of 125 bunches.

Colored White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch 35c; doz., \$3.40; 50 bunches, \$13.00; case lots (125 bunches) \$25.00 per 100 bunches.

Natural (Yellow), bunch, 30c; doz., \$3.20; 50 bunches, \$12.00; case lots (125 bunches), \$23.00 per 100 bunches.

MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Will keep indefinitely, and adapted to all weather conditions. Price: Any color per carton, \$1.35; 6 at \$1.25 each. **Red**, \$1.75 per carton.

OAK SPRAYS, Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown, from selected oak branches, Per lb., 35c; 10 lbs., \$3.00.

MOSS (Sphagnum)—See page 73.

MASTICA. (See under Glazing Materials.)

MATCH-STICKS. Either natural wood or dyed green. Natural 5-inch, 50c; 12-inch, 85c; 18-inch, \$1.25 per 1000. Dyed green 5-inch, 60c; 12-inch, 95c; 18-inch, \$1.35 per 1000.

MATTING, Porto Rico. These artistic mattings used for decorating all blooming plants.

Solid Colors, each, 20c; per doz., \$2.00.

MATS. Waterproof Duck. Made of waste wool with waterproof duck on both sides to shed rain. Size C, 40x76 inches, each \$2.00; doz., \$22.00. Size D, 76x76 inches, each \$2.90; doz., \$30.00.

Straw Mats. Rye straw, 3x6 feet, each \$1.10; doz., \$12.00. Same mat, 6x6 each \$2.10; doz., \$24.00.

MOLE TRAPS, Out O'Sight, 85c.

PAMPAS PLUMES. Natural. 30 to 36-in.—1000, \$25.00; 250 \$7.00; 100, \$3.00; doz., 75c.

PAPER. Manilla Tissue. Regular grade, 24x36 inches, f.o.b. Chicago, ream (400 sheets), \$1.50; 10 reams (4000 sheets), \$14.50. f.o.b. N.Y., ream (480 sheets), \$1.80; 10 reams (4800 sheets), \$17.00.

American Beauty Tissue. 24x36 inches, f.o.b. New York, ream (480 sheets), \$1.85; 10 reams (4800 sheets), \$18.00; f.o.b. Chicago, ream (400 sheets), \$1.55; 10 reams (4000 sheets), \$15.00;

Florists' Pure White Tissue. 24x36 inches, f.o.b. Chicago, 2000 sheets, \$10.25; 400 sheets, \$2.15; f.o.b. New York, 2400 sheets, \$12.50; 480 sheets, \$2.60.

Waxed Manilla. 24x36 inches, thin, f.o.b. Chicago, 400 sheets, \$2.65; f.o.b. New York, 480 sheets, \$3.25.

White Wax. Medium, 24x36 inches; f.o.b. Chicago, 400 sheets, \$2.75; f.o.b. New York, 480 sheets, \$3.35.

Green Wax. Beautiful shade light green, 24x36 in., f.o.b. Chicago, 400 sheets, \$3.35; f.o.b. New York, 480 sheets, \$4.00.

White Wax. On rolls; best quality paper. Three sizes: 18 in., approx. wgt., 45 lbs. 24 in., approx. wgt., 50 lbs. 30 in., approx. wgt., 60 lbs. Price, per lb., 35c.

Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 25c; 12 rolls, \$2.50.

POT COVERS, Crepe Paper. Rubber bands running through them for adjustment on the pot; are without bottom.

No. 1—To cover 5 or 6-in. pot.....	\$0.75	Doz. 100 \$5.00
No. 2—To cover 6 or 7-in. pot.....	1.00	Doz. 100 \$7.00
No. 3—To cover 8 or 9-in. pot.....	1.25	Doz. 100 \$9.00
No. 4—To cover 10-in. pot.....	1.50	Doz. 100 \$11.00

POT COVERS—The latest thing in this line, splendid sellers; neat and cheap. Will add 50 per cent to the value of your plants, they come in White, Pink, Antique Blue, Green, and Pure Blue.

Paper Pot Covers Without Handles	Doz.	100	Paper Pot Covers With Handles	Each	Doz.
No. 1.....	\$1.00	\$8.00	No. 1.....	\$0.15	\$1.50
No. 2.....	1.50	12.00	No. 2.....	.20	2.00
No. 3.....	2.00	15.00	No. 3.....	.25	2.70
No. 4.....	2.25	18.00	No. 4.....	.30	3.30
No. 5.....	3.00	20.00	No. 5.....	.35	3.90

Liners 10c each, extra

Liners 10c each, extra

Paper Bulb Pans

No. 500 a3.....	Each \$0.25	Doz. \$2.50
No. 500 a4.....	.30	3.00
No. 500 a5.....	.35	3.40

Liners 10c each, extra

Paper Tumblers

No. 304.....	Each \$0.15	Doz. \$1.70
No. 305.....	.20	2.10
No. 310.....	.45	4.80

Liners included

POT HANGER, Kramer's. Only practical device for converting ordinary flower pots into hanging baskets. Fits all standard made pots from 2 to 10 inch. Price, \$1.25 per doz., by express. Sample doz., by mail, \$1.35.

PEAT and MOLD, for potting. See page 67.

POWDER GUN. (See Dusters.)

PENCILS, Indelible. For marking labels. Each, 10c; doz., \$1.00.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns. sheet moss, etc. \$1.65 per box of about 11,000.

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 170 to 180 pounds per 1000. Price (if shipped from Chicago), per 100, 85c; 500 for \$3.25; per 1000, \$5.50 (if shipped from New York), per 100, \$1.25; 500 for \$3.75; per 1000, \$6.50. Special price on larger lots on application.

Heavy Grade. For special work, Dahlias, etc., 9 to 12 feet. weight about 250 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.75; 500 for \$7.00; 1000, \$13.00. (If shipped from New York), per 100, \$2.15; per 500, \$7.75; per 1000, \$14.50.

Japanese Bamboo. Light, strong and more durable than ordinary canes. Fine for staking Lilies. Price (if shipped from Chicago), per 100, 65c; 500 for \$3.00; per 1000, \$5.25. If shipped from New York), per 100, 60c; 500 for \$2.50; per 1000, \$4.75.

Green Painted Japanese Bamboo. Neat, strong and durable; best stake on market for pot plants. Painted green they can be used for the most critical trade.

	Per 100	1000	Per 100	1000
1 1/2-feet.....	45c.	\$4.00	3 -feet.....	\$0.80 \$7.00
2 -feet.....	55c.	4.50	3 1/2-feet.....	.90 8.00
2 1/2-feet.....	65c.	5.50	4 -feet.....	1.00 9.00

Pipe Stems, 4 to 6 ft. long, weight, per 1000, 54 lbs. F. O. B. Chicago, 100 for 60c; 500, \$2.00; 1000, \$3.50.

Wooden, Green. Handsome and convenient for Gladiolus, etc.

	Per 100	1000	Per 100	1000
Light, 1 1/2 feet.....	\$1.30		Light, 4 feet.....	\$5.95
Light, 2 feet.....	2.25		Light, 5 feet.....	6.75
Light, 2 1/2 feet.....	3.15		Heavy, 3 feet.....	5.95
Light, 3 feet.....	3.95		Heavy, 4 feet.....	7.65
Light, 3 1/2 feet.....	4.55		Heavy, 5 feet.....	9.20

Galvanized Steel Wire. Prices subject to change without notice. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible.

No. 9 Wire	100	1000	No. 8 Wire	100	1000
1 1/2 feet.....	\$0.70	\$6.00	3 1/2 feet.....	\$1.50	\$14.00
2 feet.....	.80	7.25	4 feet.....	1.65	15.50
2 1/2 feet.....	.95	8.50	5 feet.....	2.00	18.75
3 feet.....	1.30	11.75	6 feet.....	2.60	24.00

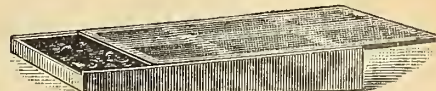
PLANT BED CLOTH

A substantial substitute for glass and, being light, can be easily and safely shipped.

Medium. 20 yds. and up, per yd., 15c; 60 yds. and up, yd., 14c.

Heavy. 20 yds. and up, per yd., 23c; 60 yds. and up, yd., 22c;

We do not sell less than 20 yards of a kind; it comes in 40 and 60-yard lengths. Samples on application.



ROLLING STANDS.

Made of wood fibre for heavy plants. Mounted on casters.

	Each	Doz.	Each	Doz.
12-in.....	\$0.80	\$7.80	16-in.....	\$1.10 \$10.75
14-in.....	.90	9.00	18-in.....	1.25 12.50

SPHAGNUM MOSS

cleanest swamps in the Wisconsin cranberry region and the Sphagnum is bright, clean, of new growth, and free from brush or dead moss. Our contract requires the bales to be of the full standard size, which is 40x15x18 inches, solidly packed, and covered with new burlap. This year, continued rains have not only filled the swamps with water but prevented prompt drying, and the increased price of burlap, about 30 per cent over last year, has added to the cost.

**VAUGHAN'S
CLEAN SPHAGNUM
FOR FLORISTS**

Burlapped Bales

BURLAPPED BALES—each, \$1.40; 5 bales for \$6.50; F. O. B. New York, 50c per bale higher. (Size, 40x15x18).

We are putting up the same quality in wired bales at a special price by the ton, for 1917 delivery.

WIRED BALES—each, \$1.25; 5 bales for \$6.00. Size of wired bales 40x16x20.

For prices on 25 bale lots and upwards of Burlapped Moss, ask us for price F. O. B. shipping station in Wisconsin. Also ask us for ton rate on Wired Bales F. O. B. shipping point in Wisconsin.

We do not carry the Wired Bales in New York.

SHEET MOSS (Green) - Freshly gathered, for Windows, Boxes etc., per sack \$2.00.

**VAUGHAN'S
CLEAN SPHAGNUM
FOR FLORISTS**

**Wired Bales
in
Ton and Carload Lots**

SPRAY PUMPS

Success Spray Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses:

Price without pail.....\$4.00.

Simplex Spray Pump. Made of brass; capacity 3½ gals. A system of air tubes inside the tank produces with every stroke of the pump a rotary motion of air and liquid around bottom of tank agitating any of the ingredients that have a tendency to settle.

Price complete, Brass Tank.....\$6.00

Price, complete, Galvanized Tank, each.... 3.75

Brass extension rod, 24 in. long, each......35

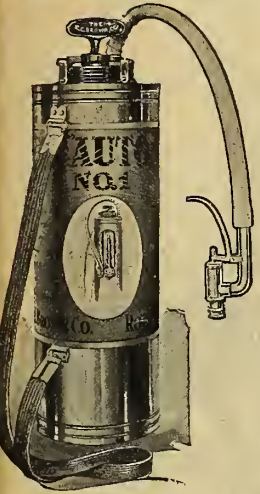
Bink's Spray. A medium price sprayer constructed of best material and will do good work. Equipped with 3 ft. discharge hose, shut-off cocks, Star spray nozzle and shoulder strap. Works with compressed air.

Price.....\$6.00

Auto Spray. Eight to ten strokes compresses enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray.

Price: Galvanized iron reservoir, \$5; with Auto Pop, \$5.75; solid copper reservoir, \$7.25; with Auto Pop, \$8.00. Brass Extension Rod, in 2-ft. lengths, each 50c.

Bottle Sprayer No. 65. A well made vapor sprayer for insecticides



and disinfectants. Made of brass, with brass valves can be attached to any quart bottle with small neck. Each, \$1.00

The Kinney. Used for spraying liquid manures.

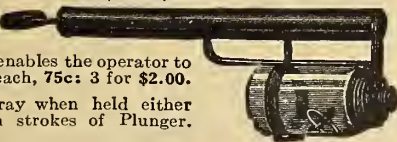
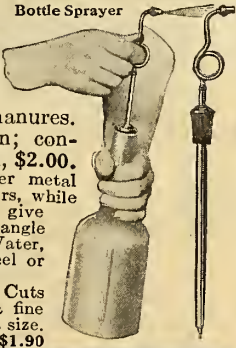
Worked by water pressure. Nicked iron; construction simple.....Each, \$2.00.

Perfection Sprayer. The tank is made of heavier metal than has been previously used for similar sprayers, while the valve and pump are of special construction to give better service. The hose is attached at such an angle that it will not kink. Unexcelled for White wash, Water, Paints, Insecticides, etc. Made in galvanized steel or brass. Galvanized Steel, \$5.50; all brass, \$8.00.

Pneumatic Sprayer. Compressed air hand sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides. 1-quart size. Galvanized Tank; each, \$1.00. Brass Tank; each \$1.90

The Lowell. For applying insecticides in the form of a mist or vapor. The reservoir of this sprayer is made of glass, which enables the operator to see ingredients mixing. Price each, 75c; 3 for \$2.00.

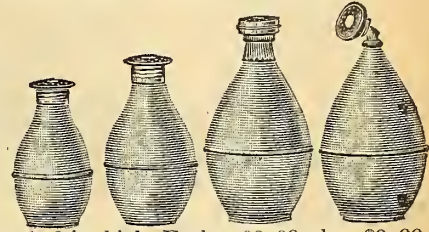
Daisy Hand Sprayer. Will spray when held either up or down. Sprays on both strokes of Plunger. Each, 65c.



SCOLLAY'S FAMOUS FLORISTS' SPRINKLER

We are General Western Agents

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market.



Large size, plain top, No. 1, 6 in. high, Each...\$0.90; doz. \$9.00
 Medium size, plain top, No. 3, 5 in. high, Each... .65; doz. 6.50
 Small size, plain top, No. 4, 4½ in. high, Each... .50; doz. 5.25
 Angle Neck, No. 1, large size, 6 in. high, Each... .90; doz. 8.75

SYRINGES

English Brass.

No. 0. Length, 12½ in.; 15-16 in. in diam.....\$2.00
 No. B. Larger; 13½ in. long, 13-16 in. in diam..... 2.50
 No. C. 14½ in. long, 15-16 in. in diam..... 3.50
 No. D. 15½ in. long, 1½ in. in diam..... 3.75
 No. 5. Best for general Greenhouse use..... 6.00
 No. 12. 14 in. long, 1 in. in diam..... 2.75
 No. 11. 18 in. long; 1 stream, 2 sprays..... 4.00



THERMOMETERS

(Can be sent by mail at a small extra charge for packing.) Tin Case, 8 in., each, 15c; 12 for \$1.50; 10 in., each, 18c; dozen, \$1.85.
 Tin Case. Standard Grade (tested.) 8 in., Each 75c; 3 for \$2.00.

Cabinet. Wood case, metal face. Each, 40; 3 for \$1.15.
Imported German. Glass, for propagating bed, 45c.
Self-Registering. With magnet, 8 in. Each, \$3.00.
Minimum. For registering cold during absence and showing present temperature. Each, \$1.75.
Hot Bed (Mushrooms). Brass point, wood frame. Each, \$2.

TIN FOIL

Price subject to change without notice. Terms cash. Cartage free.
Florists' Foil. 5, 6 or 7 in., 1 lb., 16c; 10 lbs., \$1.55; 25 lbs., \$3.75; 50 lbs., \$7.25; 100 lbs., \$14.00.
Violet or Green Foil. Per lb., 30c; 10 lbs., \$2.70; 25 lbs., \$6.50.

TOOTH PICKS.

Wired. A time and money saver. These are put up in boxes containing 10,000 wired picks ready for use. Price, \$1.85 per box; case of 50,000, \$8.00.
Wood. 1 box, 10c; 3 boxes, 25c; 7 boxes, 50c; 17 boxes, \$1.00; 35 boxes, \$2.00; 1 case, 100 boxes, \$5.00.



TREE IRRIGATOR

For conveying water and fertilizer to the roots of large trees in parkways, etc. Each \$2.00; 2 at \$1.80 each; 6 at \$1.60 each.

TREE PRUNERS.

Waters'. Length of pole, 4 ft., 50c; 6 ft., 75c; 8 ft., 90c; 10 ft., \$1.00; 12 ft., \$1.10. Extra blades, each, 20c

TRELLISES.

Fan-Shaped. 18-inch, 13c; 3 for 40c; 24-inch, 25c; 3 for 60c; 30-inch, 30c; 3 for 75c; 3 feet, 50c; 3½ feet, 21-inch wide, 60c; 4 feet, 27-inch wide, 75c; 5 feet, 32-inch wide, 85c; 6 feet, 33-inch wide, \$1.00; 7 feet, 42-inch wide, \$1.20.
Veranda. 18-inch wide, 5 feet, \$1.00; 6 feet, \$1.15; 7 feet, \$1.25; 8 feet, \$1.50; 9 feet, \$1.65; 10 feet, \$1.80.

TROWELS.

Vaughan's Steel. Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, 55c; 3 for \$1.60; 6 for \$3.10; 12 for \$6.00.
Ordinary Garden Trowel. 6-inch, 12c; dozen, \$1.15.
English Steel. An excellent trowel, neat and durable, 6-inch, each, 25c; 3 for 60c; dozen, \$2.00.

FLOWER TUBS "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York.



No.	Inside Diameter	Top Diameter	Depth.	Price Each	Four For
No. 1	6 in.		6 in.	\$0.29	\$1.10
No. 3	8 in.		8 in.	.33	1.25
No. 5	10 in.		9 in.	.42	1.50
No. 7	12 in.		11 in.	.63	2.35
No. 9	14 in.		13 in.	.92	3.50
No. 11	16 in.		15 in.	1.12	4.30
No. 13	18 in.		17 in.	1.59	6.00
No. 14	19 in.		18 in.	1.92	7.30

If handles are required add 10c per tub.

Columbian. Made of the best pine lumber. Has 12 staves in tapered shape, held together by two steel wires. Natural varnish finish. Measurements are outside of tub.



Height.	Diam.	F. O. B. Chicago only.
11	x11½ inches	Each, \$0.90; 4 for \$ 3.50
14	x14½ inches	Each, 1.40; 4 for 5.40
17	x16½ inches	Each, 1.95; 4 for 6.75
19	x19¾ inches	Each, 2.25; 4 for 8.50
24	x23 inches	Each, 2.75; 4 for 10.00

Japanese. For porches, halls or garden use—Inexpensive, durable. Exceedingly ornamental tubs, made of finest seasoned oak, and securely bound with bamboo hoops. Height, 13 inches; inside diameter at brim, 12½ inches. Ideal for palms, shrubs or plants used in hall and room decoration. Each, 75c; 10 for \$7.00.

PLANT PAILS

Made of selected White Cedar. Bound with Electric Welded Wire Hoops too strong to break and cannot fall off. The tubs are nicely painted and are well suited for shifting plants from large size pot.



8 by 6 inches } Each, \$0.30; 12 for \$3.25; 100 for \$25.00.
11 by 9 inches }

TURF EDGER American. With handle, each, 50c.

English. Steel blade only. Each, \$1.25.

TWEEZERS Four-inch, 10c; 5-inch, 15c; 6-inch, 20c.

TWINE "The Queen" White Cotton Twine. For tying parcels, flowers etc. Put up in 5-lb. sacks. Price, \$2.00.

Hemp. No. 18, for parcels. FFF. Coarse 2-oz. spools, 1lb in box, 8 spools \$1.35; FF, Medium, 2-oz. spools, 1-lb. in box, 8 spools \$1.35; F, Fine, 2-oz., spools, 1 lb. in box, 8 spools, \$1.35.

Florists Thread, Green. Similar to Silkline. Samples on application. "Yazoo" brand, 2-oz. spools, 15c; 8 spools \$1.15.



VASES

Florists' Glazed Fibre. Furnished in deep, rich brown glaze; absolutely waterproof. Largely used for displaying cut flowers. Can be used for many purposes. More desirable than glass or earthen, because they are light, strong and will not break if dropped. They pay for themselves in a short time.

No.	Depth Inside	Diameter Inside	Carton Contains	Carton Weighs	Price Per doz.
No. 0	13 in.	8 in.	1 doz.	25 lbs.	\$ 9 25
No. 1	10 in.	5½ in.	1 doz.	17 lbs.	8 25
No. 2	9 in.	4½ in.	1 doz.	11 lbs.	7 25
No. 3	6 in.	4 in.	1 doz.	7 lbs.	6 25
No. 4	4½ in.	3 in.	1 doz.	5 lbs.	5 00
No. 00	22 in.	9½ in.	1-12 doz.	10 lbs.	36 00
No. 01	20 in.	7 in.	1-12 doz.	7 lbs.	18 50
No. 11	18 in.	5½ in.	1 doz.	30 lbs.	9 50
No. 22	15 in.	4½ in.	1 doz.	16 lbs.	7 75
No. 33	12 in.	4 in.	1 doz.	12 lbs.	6 75

VASE. Flower Displayer, (Heavy Glass). Very ornamental, the separate compartments making the arrangement of flowers easy, and displaying them to the best advantage.

Round 4-inch, each, 40c; 3 for.....	\$1.10
5-inch, each, 80c, 3 for.....	2.25
6-inch, each, 95c; 3 for.....	2.65

VASE. Clara Cemetery. It is one of the most useful as well as handsome articles ever placed on the market. Of beautiful solid mounted glass, 12 inches high. Price, boxed, per dozen, \$3.50; each, 35c; 3 for \$1.00; barrel of 3 doz., \$9.00.



WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spouts. 4-qt. \$1.85; 6-qt. \$2.15; 8-qt. \$2.40; 10-qt. \$2.65; 12-qt. \$2.90.
French Style. Oval, otherwise same make as above. 6-qt. \$2.40; 8-qt., \$2.65; 10-qt., \$2.90; 12-qt., \$3.15.

WEEDERS. Excelsior Hand. Each, 12c; doz. \$1.20.
Lang's, very useful. Each, 20c; doz., \$2.00.

Hazeltine Hand. Each, 20c; doz., \$2.00

Combination. Each, 22c; doz., \$2.25.

Piqua Lawn Weeders. Each, \$1.00.

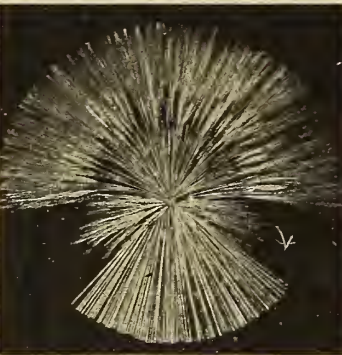
Magic Weeder and Hoe. A handy tool, weeder part having four long tines. When reversed, can be used as a hoe. Each, 35c.



Eureka. The best little hand weeder for loosening soil around plants that we know of. Thin forged steel fingers. Short handled, 30c; long handled, 40c.

WHEAT SHEAVES. The Kind that Hold their Shape.

For many years we have supplied the trade with High Grade Wheat Sheaves; employing as we do corps of experienced makers in this line, and using the choicest imported wheat enables us to turn out the Best Sheaf on the market.

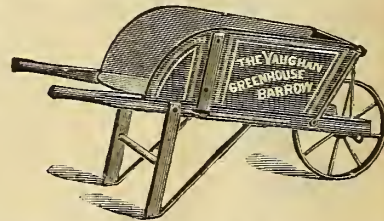


Length, inches	Each	Doz.
A—17¾	\$0 25	\$2 50
B—19	30	3 25
C—20½	40	4 25
D—22	50	5 25
E—23½	60	6 50
F—25	70	7 75
G—26½	80	8 50
H—28	1 00	10 50
I—30	1 25	13 00

WHEELBARROWS

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows:

Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch tread; the axle is 15 inches wide. The barrow is 20 inches wide over all, and is made of the best material. The legs are reinforced by iron straps. Price, \$4.50.



The Globe Garden. Measurement of box, 30 inches long, 19 inches wide at wheel, 24 inches at handles. Price with steel wheel \$4.00.

WIRE.

Bright Annealed. Prices subject to change.

Per lb. 6 lbs. 12 lbs.			Per lb. 6 lbs. 12 lbs.				
No. 18.	\$.015	\$.060	\$.100	No. 26.	\$.015	\$.080	\$.140
No. 20.	.15	.65	1.10	No. 28.	.20	.85	1.50
No. 22.	.15	.70	1.20	No. 36.	.25	1.25	2.35
No. 24.	.15	.75	1.30				

FLORISTS' CUT WIRE

Clean, extra soft, white wire, straightened and cut in lengths ready for immediate use, and in a convenient form. 12 lbs. in each box, cut in lengths of 12 or 18 inches.

No.	20	22	24	26	28	30	36
Price...	\$1.25	\$1.40	\$1.55	\$1.75	\$2.50	\$2.50	\$3.50.



Double and
Single
Wheel Hoes

IRON AGE

Hill and
Drill
Seeders

Write for Complete Catalog

We are Special Chicago Agents for Iron Age Tools

More than 30 years' experience selling garden tools has shown us that the "Iron Age" line is the best in every way. Built right, of the best materials obtainable and designed to do all the sowing and cultivating necessary in a first-class garden. They are complete adaptable tools—the kind you don't want to part with after you have once used them and know what they will do for you.

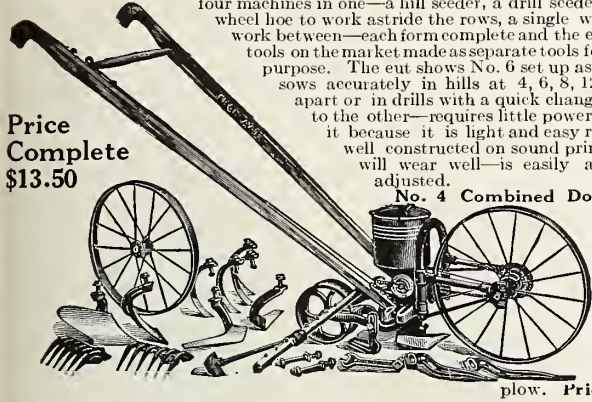
Transportation charges prepaid to any railroad stations in the United States within 500 miles of Chicago or New York, on orders for "Iron Age" tools, or for seeds and tools amounting to \$7.50.

N. B.—(Seeds are not prepaid unless so offered on other pages.)



No. 6 Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

The most practical and complete garden tool on the market—four machines in one—a hill seeder, a drill seeder, a double wheel hoe to work astride the rows, a single wheel hoe to work between—each form complete and the equal of any tools on the market made as separate tools for separate purpose. The cut shows No. 6 set up as a seeder—sows accurately in hills at 4, 6, 8, 12 or 24 ins. apart or in drills with a quick change from one to the other—requires little power to operate it because it is light and easy running—is well constructed on sound principles and will wear well—is easily and simply adjusted.



Price
Complete
\$13.50

No. 4 Combined Double and Single Wheel Hoe, and Drill Seeder is like No. 6 except it sows in drills only and has a different plow. Price \$12.25.

No. 15 Combined Single Wheel Hoe, Hill, Drill Seeder

A thoroughly practical and complete combination. Will accomplish about all the work of No. 6, except that it is a Single Wheel Tool. Takes about same tools and attachments as the No. 6. In its Seeder form sows either way, in drills or hills. Has strong hollow steel tube frame, the 16 in. wheel and it is simply and easily changed and adjusted. When wanted as well as Hill and Drill Seeder only, order No. 16. Price \$9.75.



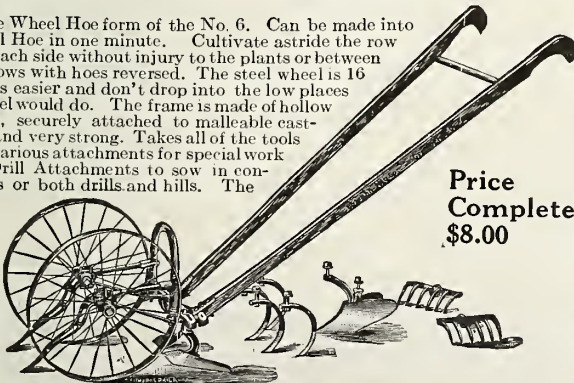
Price
Complete
\$12.50

No. 17 Combined Single Wheel Hoe and Drill Seeder is same as No. 15 except that it has no hill dropping device. Price \$11.00.

If wanted as Drill Seeder only, order No. 18. Price, \$8.50.

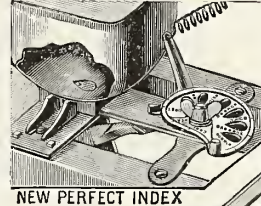
No. 1 Combined Double and Single Wheel Hoe

This is the Wheel Hoe form of the No. 6. Can be made into Single Wheel Hoe in one minute. Cultivate astride the row close up on each side without injury to the plants or between any width rows with hoes reversed. The steel wheel is 16 in. high, runs easier and don't drop into the low places as a low wheel would do. The frame is made of hollow steel tubing, securely attached to malleable castings—light and very strong. Takes all of the tools shown and various attachments for special work including Drill Attachments to sow in continuous rows or both drills and hills. The latter are \$4.50 and \$5.50 respectively. If this Wheel Hoe is wanted plain with hoes only, order as No. 3. Price, \$5.00.



Price
Complete
\$8.00

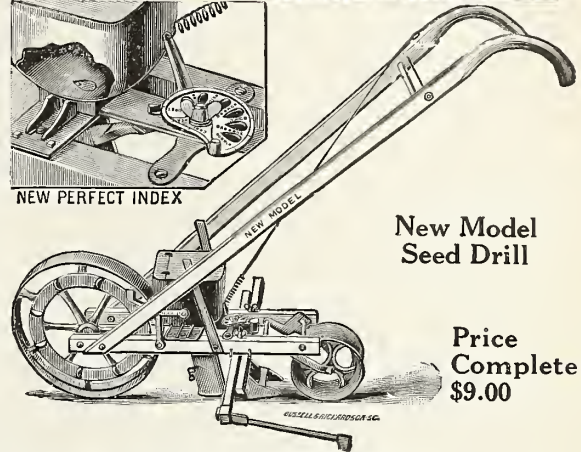
New Model Seed Drill



NEW PERFECT INDEX

Popular with seedsmen and market gardeners. Exact regulation of seed discharge by using an eccentric index or indicator which adjusts the slide for seed opening exactly where you want it.

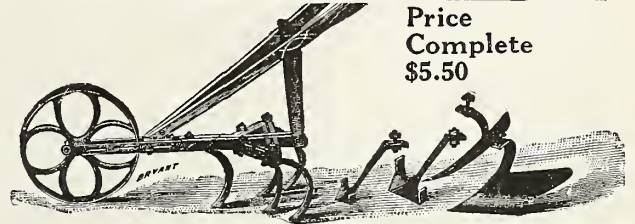
No series of holes which have to be used whether they answer or not. A swinging off-stops flow of seed—does not jam with falling seed.



New Model Seed Drill

Price
Complete
\$9.00

"Gem" Single Wheel Garden Hoe



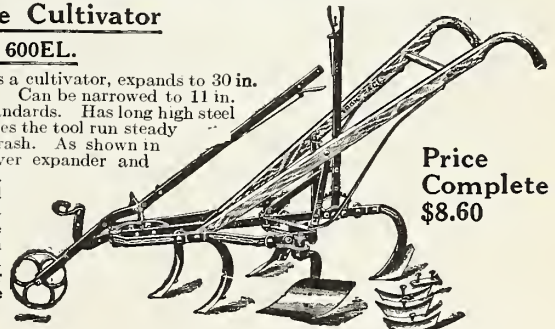
Price
Complete
\$5.50

Built largely of steel and malleable iron. Wheels and handles adjustable for height. The tools include five slender cultivator teeth, two sizes of cultivator teeth and a pair of plows which can be used separately or together.

Horse Hoe Cultivator

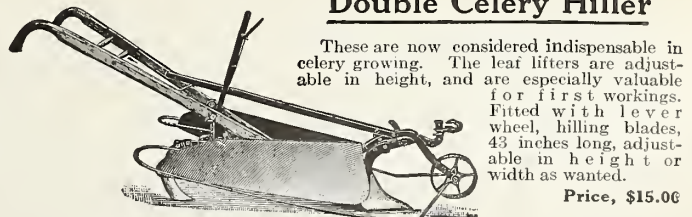
No. 600EL.

When used as a cultivator, expands to 30 in. and close to 14. Can be narrowed to 11 in. by reversing standards. Has long high steel frame that makes the tool run steady and clear of trash. As shown in the cut has lever expander and lever wheel, can be furnished with plain wheel, Price \$8.00, or with plain wheel and without lever expander, Price \$7.00.



Price
Complete
\$8.60

Double Celery Hiller



These are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. Fitted with lever wheel, hilling blades, 43 inches long, adjustable in height or width as wanted.

Price, \$15.00

Single Celery Hiller

Runs lighter than the double, and throws rather higher; it works any width rows. Where market gardeners plant close and first bleach every other row, it's "just the thing." Price, \$12.00.

VAUGHAN'S LAWN MOWERS, ROLLERS, WATER CARTS, Weeders, Scythes, Etc.

PHILADELPHIA LAWN MOWER

High Wheel (Steel). Style A.

This is the King of High Wheels. It has 10-inch driving wheels, 6 1/2-inch cylinder cutter, with four knives; constructed of steel throughout.

Width.	Weight.	Price.	Width.	Weight.	Price.
15-inch	40 lbs.	\$13.25	18-inch	44 lbs.	\$16.50
17-inch	42 lbs.	15.00	21-inch	46 lbs.	18.00

Style K—10-inch high wheel, five knife open wiper, with corrugated blades. A strictly first-class mower. Fine cut, and with its large driving wheels it is the lightest running, best single pinion mower made.

Width.	Weight.	Our price.	Width.	Weight.	Our price.
11-inch	40 lbs.	\$8.60	18-inch	44 lbs.	\$10.25
16-inch	42 lbs.	9.40	20-inch	46 lbs.	11.00

Write for complete Philadelphia Lawn Mower Catalogue.

PHILADELPHIA GRASS COLLECTOR

Has a galvanized iron bottom collector, never-rip, cloth connections. Always be careful to state size and style of mower when ordering. Price, for low wheel mower, 10-inch, \$1.55; 12-inch, \$1.65; 14-inch, \$1.80; 16-inch, \$1.90; 18-inch, \$2.00; 20-inch, \$2.10

For High Wheel and Style K and the Vaughan Mower, 14 and 15-inch, \$1.80; 16 and 17-inch, \$1.90; 18 and 19-inch, \$2.00; 20 and 21-inch, \$2.10.

WATER BARREL, HAND CART, LEAF RACK

Adjustable to One Truck

WATER BARREL

The barrel is raised from the ground, carried to the place desired and instantly detached, all without handling. The weight being balanced over the axle, no lifting or down pressure is needed in transportation. Other barrels for various purposes can be used as needed, extra trunnions being furnished if desired. The width of this truck from outside to outside of hubs is 29 1/2 inches.

Price, Barrel with trunnions \$3.50
Sprinkler attachment for barrel \$4.00. (Truck extra)

THE SPRINKLER ATTACHMENT. The Barrel Truck as a Sprinkler is invaluable for watering lawns and sprinkling walks. The water is turned on and off by a hand wheel and ball valve.

HAND-CART BOX

We can also supply a box which can be used in connection with Truck, making a very superior Dumping hand-cart. Length, 37 inches; width, 23 1/2 inches; depth, 8 inches. Price, \$4.00. (Truck extra)

LEAF RACK

Very convenient for the cartage of leaves, cut grass from the lawn etc. Rack has an average width of 28 in. by 42 ins., and is 21 ins. deep.

Price, \$7.00. (Truck extra.)
Price of Truck, adjustable to all three, \$9.00

LAWN SHEARS

For cutting grass in places which cannot be reached by lawn mower.

Two Wheels, Each, \$3.40.

BORDER SHEARS

For trimming the edges of borders and walks. 9-inch, \$2.25. With Wheel, \$3.15

Each, \$3.15

THE WONDER WEEDER

For Dandelion, Plantain, etc. in lawns. It gets the weeds, fast, clean and deep. It absolutely will not break up the sod. Just two simple movements and your weed is out. No backache, soiled hands or clothing. Each, 50c.

PIQUA LAWN WEEDER

A simple and effective device for removing all weeds from the lawn. Handle and blade made of one piece of steel tubing. Grab rod enclosed in tube. Price, \$1.00.

THE VAUGHAN MOWER

Specially made for us by a first-class firm. The mower is built of the best material only, is light running and will cut long or short grass. We guarantee every machine to do satisfactory work.

15-inch cut	\$ 8.50
17-inch cut	9.50
19-inch cut	10.50
21-inch cut	11.50

WINDOW BOXES

convenient, practical, made entirely of metal, guaranteed not to leak. Box has reservoir in bottom, which, when filled with water, will supply plants with moisture for 10 days, by means of sponges inserted in the false bottom of the box. Water being conveyed direct to roots of plants, leaves soil in a loose condition, ideal for plant growth.—8 inches Deep, 10 inches Wide.

No.	Length.	Price.	No.	Length.	Price.
1.	23 in.	\$1 25	6.	33 in.	\$1 90
2.	25 in.	1 40	7.	35 in.	2 00
3.	27 in.	1 50	8.	37 in.	2 10
4.	29 in.	1 65	9.	39 in.	2 25
5.	31 in.	1 75	10.	41 in.	2 40

WINDOW BOXES—Illinois Jr.

Slightly lighter steel, otherwise same as above, 8 in. wide, 7 in. deep. 24 in. long, \$1.00 30 in. long, \$1.20 36 in. long, \$1.40

PORCH BOXES

—9 inches Deep, 12 inches Wide.

No.	Length.	Price.	No.	Length.	Price.
21.	37 in.	\$2 60	24.	49 in.	\$3 40
22.	41 in.	2 90	25.	53 in.	3 60
23.	45 in.	3 20			

HANGING BASKETS

No.	Depth.	Sq. Price.	No.	Depth.	Sq. Price.	
8.	6 in.	80 80	12.	8 in.	12 in.	\$1 20
10.	7 in.	10 in.	14.	9 in.	12 in.	1 40

COLUMBIA SPRINKLER

Three Arm Lawn Sprinkler, which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arms throw the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. Each, \$1.25; 3 for \$3.45.

THE EVANSTON SPRINKLER

One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head with perfect ease, by the aid of a wire or cord. Each, 35c. Weight 2 lb.

LINCOLN PARK or Butterfly

Cheapest and best Sprinkler made. Each, 30c.
Mounted on stand; 2-foot, 75c; 4-foot, 85c; 6-foot, \$1.00.

THE RICHMOND SOD CUTTER

Sides and bottom are piece of steel, so that there are no openings that can get choked. A whole field can be cut with this machine without removing the sod, provided a narrow strip of about 1 inch in width is taken out at the start. Price, \$23.00.

LAWN RAKES



Automatic Self-Cleaning. A backward motion of the operator clears all the teeth at once. Each \$0.75

English Daisy. For running over lawns, tearing off disfiguring daisy and dandelion flowers; 20 teeth. Each \$3.35



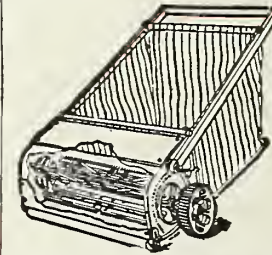
Lawn Queen. 24 steel wire teeth; reversible head. Each \$0.45

WATER WEIGHT LAWN ROLLER

This roller has a water tight steel drum, which can be filled with water to make it heavy, and emptied when storing away. The roller is fitted with steel roller bearings and is an easy-running, long-wearing machine.

No.	Diam.	Lgth.	Sec.	Weight.	Filled Water.	Price.
WB 3.	14.	20.	1.	65 lbs.	200 lbs.	8.15
WB 5.	18.	24.	1.	80 lbs.	310 lbs.	10.40
WB 7.	24.	24.	1.	115 lbs.	500 lbs.	13.60
WB 9.	24.	32.	1.	130 lbs.	650 lbs.	15.20
WB11.	18.	24.	2.	100 lbs.	630 lbs.	14.40
WB 13.	24.	32.	2.	160 lbs.	650 lbs.	18.00

GEM LAWN SWEEPER



This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner.

The rakes are flexible, the rake-heads being divided in the middle and hung on easy-swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. Price, 24-inch wide, each, \$16.00.

WEED KILLER

Herbicide for use in clearing grass and weeds from roads, gutters, tennis courts. Use with 20 to 40 parts of water.

1 qt.	50c	1 gal.	\$1.50	5 gal.	\$5.50
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EUREKA WEED KILLER

A special preparation which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc., and keeps them under for the whole season.

We have sold large quantities of this preparation, and all who have used it declare it to be the best for the purpose of anything they have tried. Large size tin, enough 100 sq. yds. of path. \$1.25; 12-lb. tin, \$3.75.



GRASS HOOKS OR SICKLES

English. Riveted back. Each, \$0.75



SCYTHE BLADES

English riveted back, 30-inch, \$1.80; 36-inch, \$1.90; 40-inch, \$2.00. Scythe Snath, each \$1.00. Scythe Stone. Natural, 10c each. Carborundum, 25c; doz., \$2.50.

