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HOLMES' 1909 HANDBOOK
of SEEDS



HOLMES SEED CO.
HARRISBURG, PENNA.

VEGETABLE PLANTS AND ROOTS

We make a specialty of growing and supplying Market Gardeners and private gardens with the very best **STRONG, WELL-ROOTED, TRANSPLANTED Vegetable Plants in Any Quantity.**

While we grow enormous quantities of all varieties the demand for our plants is always greater than our supply. For this reason we advise you to **order as early as possible.**

PRICES

To the dozen prices add **6 cts.**, if wanted by mail.
The price per 100 IN FLATS means that we will ship them by express still growing in these flats or boxes.
The price per 100 OUT OF FLATS means we will ship

the plants by express, securely packed in most moss, express charges to be paid by the purchaser.
The price per 1,000 or 5,000 means by express, charges to be paid by purchaser.

A FEW TRUCKERS' TESTIMONIALS

It proves the quality and productiveness of **Holmes' Tested Seeds for Market-Gardeners**

HARRISBURG, PA., February 1, 1908

Gentlemen: From one and a half acres sown with your Onion Seed I have harvested fourteen hundred bushels of large onions which I am marketing at 70 cents per bushel. I sowed the seed in the spring with an Iron Age Seed Drill such as you describe on the last page of your catalogue and harvested the crop that same fall. Your seeds of all varieties suit me. Yours truly,

LAWRENCE WILSBACH, Market-Gardener.

I have used your seeds for a number of years and have recommended them to my neighbors and had them send for your seeds. I have been farming and gardening for thirty-one years and all this time never had such nice Cabbage as I have had for the last three years from your seeds.—MRS. GEO. H. BRUMBAUGH, Clover Creek, Pa., Blair county, April 1, 1908.

Last year I had your Golden Improved Self-blanching Celery same as advertised in your catalogue on page 7, and found it to be the best I have grown for twenty years that I have been in the business.—MR. JOHN FRANK, Cornus, N. Y., February 21, 1908.

P. S.—Last year I only had out about 4,000 celery plants and sold from the middle of August up until December 24 \$161.00 worth of the same.

I bought your Houser Cabbage last year and we never had as good a yield, fine-flavored and late keeping Cabbage as it is. I recommend it to all.—JOHN S. SHREAFER, New Bloomfield, Pa., R. F. D. No. 1, Box 72, March 15, 1908.

Your Snowball Cauliflower is the best I ever had. Every stalk brought a head 1 am very well pleased with all your seeds.—MRS. FRANK L. LIZ. Lelinton, Pa., R. F. D. No. 9, March 20, 1908.

STRONG TRANSPLANTED PLANTS

	Doz.	Doz. post-paid	Doz. by express	Per 1,000	Per 5,000
ASPARAGUS ROOTS. Strong, well developed two-year-old roots.					
Barr's Mammoth. Very large; light green.	\$0 20	\$0 15	\$0 75	\$5 00	
Conover's Colossal. A large, fast-growing variety; green.	20	15	75	5 00	
Palmetto. Very early and very fine; light green.	25	20	85	5 50	
Donald's Elmira. Very light green, very desirable.	25	20	85	6 00	
Columbian Mammoth White. Large white shoots without earthing up; early.	25	20	1 00	6 00	
Argenteull. The famous Parisian Asparagus, flavor is superb; light green.	30	25	1 50	10 00	
500 roots at 1,000 rate.					
CABBAGE, Jersey Wakefield ..	\$0 15	\$0 75	\$0 45	\$3 00	\$2 50
Early Winnigstadt ..	15	75	45	3 00	2 50
Early Flat Dutch ..	15	75	45	3 00	2 50
The Holmes Cabbage ..	15	75	50	3 50	3 00
Late Flat Dutch ..	15	75	40	2 75	2 50
Houser (set plants 2 weeks earlier than other late varieties) ..	15	85	50	3 50	3 00
CAULIFLOWER, Holmes' Early Snowball ..	25	1 25	1 00	8 00	7 50
CHIVES , per clump, 15 cts., by mail. 25 cts.					

	100 in flats	100 out flats	5,000 per 1,000	5,000 per 1,000	
CELERY, Holmes' White Plume ..	\$0 15	\$0 75	\$0 45	\$3 00	\$2 50
Improved Golden Self-Blanching Winter Green ..	15	75	45	3 00	2 50
Giant Pascal ..	15	75	45	3 00	2 50
EGGPLANT, Black Beauty ..	30	1 50	1 25	7 00	6 50
New York Improved ..	30	1 50	1 25	7 00	6 50
HORSE RADISH ROOTS ..	15		50	4 00	3 00
LETTUCE, Big Boston (head) ..	15	75	45	3 00	2 75
Curled Simpson ..	15	75	45	3 00	2 75
Giant Crystal Head ..	15	75	45	3 00	2 75
PARSLEY, Double Curled ..	15	1 00	75	4 50	4 00
PEPPER, Chinese Giant ..	25	1 50	1 25	7 50	6 75
Large Bell, or Bull Nose ..	20	1 50	1 25	7 50	6 75
Ruby King ..	20	1 50	1 25	7 50	6 75
RHUBARB ROOTS, Victoria (large red) ..	75		5 00	40 00	35 00
SWEET POTATO PLANTS. (Yellow, ready in May) ..	10		30	2 00	1 75
TOMATO, New Stone ..	20	1 00	75	4 00	3 50
Earlana ..	20	1 00	75	4 00	3 50
Matchless ..	20	1 00	75	4 00	3 50
Ponderosa ..	20	1 00	75	4 00	3 50
Dwarf Champion ..	20	1 00	75	4 00	3 50
Golden Queen (yellow) ..	20	1 00	75	4 00	3 50

The Best STRAWBERRIES

HEALTHY, VIGOROUS PLANTS THAT WILL GIVE SATISFACTION

We pack all Strawberries in baskets containing about 1,000 plants each or less, in damp moss, a much superior way to packing them in large, tight boxes. Their freshness upon arrival at destination is surprising.

Brandywine. Perfect blossom. Season late; berries large, color bright glossy red, flesh firm, excellent quality. Very productive. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Bubaeh No. 5. (P) In productiveness it is unsurpassed. Noted for its uniform and large size. The plant is hardy and the leaves endure hot sun, as it is a robust variety; does not rust. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Excelsior. Early, perfect blossoming Strawberry. Large, fine color, vigorous plant, firm, productive and desirable for home use or for market. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Gandy. One of the best late berries. Plant a good, strong healthy grower, berry large, firm, regular, bright in color, quality good. Valuable for a shipper, satisfactory to use with pistillate sorts. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Lady Thompson. Very early, large; a perfect bloomer, good grower and shipper. Season is long, and berries hold size to the last. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Marshall. Plant is large and strong, very prolific. 110 berries have been counted on a single plant. The fruit is handsome and attractive; very large, 14 berries have been known to fill a quart box. Of perfect form, dark crimson when fully ripe, but colors all over a light crimson before ripe, and is thus valuable for market. Quality and flavor excellent. It will produce fruit

for twenty five days' picking. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

McKinley. Plants are vigorous and healthy, producing heavy crops of large, dark red, firm berries of good form. Season medium. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Michael's Early. Unusually early. Berries bright scarlet, round, of excellent quality. Resists frost, drought and rust. One of the best berries to fertilize all pistillate sorts. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Nick Olmer. Large, regular, dark, glossy red, firm and of excellent flavor; very vigorous and productive. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Rough Rider. A new Strawberry from New York. Seedling of Eureka. Fertilized by Gandy. Enormously productive; berries very large, roundish, but elongated, color dark red, very firm. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Sharpless. The plant is exceedingly large, vigorous, free from rust. Fruit moderately firm, good. Mid season. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

William Belt. Berries large, conical, rather long, regular in outline, bright red, glossy, quality good, moderately firm; plants vigorous, healthy and quite prolific. It is of good quality, and will sell well in any fancy market. 60 cts. per doz., \$1.25 per 100, \$5 per 1,000.

Holmes' Tested Seeds of Known Vitality and Purity

SATISFACTION GUARANTEED OR YOUR MONEY BACK

All seeds listed in this Catalogue are sold with the understanding that should they fail to please, we will refund the price paid or duplicate your order free

Our Responsibility. Our Company is incorporated under the laws of the State of Pennsylvania and our business methods are always open to the inspection of the public. We have built a good business on honest seeds and fair treatment; therefore, will take no chance of ruining it by unfair dealings to our many customers.

Our Standing. The farmer has a right to know the standing of any business house before sending them his money. On this point, we refer you to the Harrisburg National Bank or the Security Trust Company of Harrisburg, and Dun's or Bradstreet's Mercantile Agencies or any large manufacturing or business house in this city. We feel sure that after you have once bought from us, like thousand of others, you will become our permanent customer.

Our Principle. Many people contend that it is impossible to build a business on honest principles. We do not believe this. We have, so far as we know, dealt honestly with every customer. If a mistake is made, it is our desire to correct it; and this we promise always to do, and you may depend upon it.

Quality First then the Price. Do not believe we are undersold just because other firms sometimes make lower prices on certain seeds. It looks bad for us, we will admit, but nine times out of ten, seeds of poor vitality are sent, which have been left over from past years, or an adulteration or a mixture of poor seeds with the new seeds has taken place. This kind of business we emphatically refuse to do, and we feel compelled to ask our customers always to consider the quality of an article when comparing our prices with those of any other firm, and to remember that we refuse absolutely to sell any but the highest grade of seeds.

Advantages to Mail-order Buyers. Since the many thousand rural routes have been established throughout the United States, it has become a great pleasure to the farmer to order his seeds direct from some reliable house. The little trouble that is required to make out a mail order on the order sheet which is sent with each catalogue, enclosing post office order or check to pay for same and then receive the seeds at his own door, free of all expense, should certainly be considered by the many farmers who have not as yet learned to use the rural route as it should be used. Remembering that we guarantee the safe delivery of all seeds we send to our customers, you need have no fear whatever of not receiving your goods. We cannot afford to disappoint a single customer, and if the seeds ordered are not received within a reasonable length of time, write us at once and we will trace same or refill your order, free. Will any other seed house in the country give you this same guarantee?

We Deliver Free. The prices quoted in the following list include prepayment of postage on all seeds by the packet, ounce, quarter-pound, pound, pint and quart where noted.

Safe Arrival Guaranteed. We guarantee the safe delivery of all seeds, plants, bulbs, etc., whether they may be sent by mail, express or freight.

Ask Your Dealer. If you prefer dealing with the small country store, then ask your dealer for Holmes' Seeds. If he does not have them, then send your order direct to us.

We Guarantee Our Seeds to be pure and of strong vitality. If from any cause they should fail to prove such, we will refill the order or refund the price paid us upon receipt of satisfactory evidence from any customer that such was the case, but it must be understood we do not guarantee the crop any further than to refill the order or refund the amount paid us. See top of order sheet.

How to Remit. We request that remittances to the amount of each order be sent with same and guarantee that full value will be received in good order by our customers. Money can safely be sent by post office money order, bank draft or cash by registered letter. We also accept postage stamps as cash for small amounts.

Discount. If your order is for one dollar or more, deduct 20 per cent (one fifth) from the total value, at catalogue prices, of seeds by the packet and ounce. Please remember that this discount does not apply to seeds in larger quantities than ounces.

May we have the pleasure of receiving your order for seeds? We are confident that there will be no cause for you to regret having sent it. With best wishes for a good garden and bountiful field crops to each reader of this catalogue, we remain,

Yours very truly,

Holmes Seed Co.



ARTICHOKE

Three ounces of seed will sow 100 yards of row

CULTURE.—This plant may be grown from seed sown in April, or from suckers, taken from established plants. If the seed be sown, the plants can be raised in beds and transplanted. The seedlings or sets should be planted out in rows 4 feet apart, 18 inches apart in the rows.

Large Green Globe. The standard variety now used. It is grown chiefly for the unripe flower heads, which are very delicious. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.



Large Green Globe Artichoke

ASPARAGUS

One ounce will sow 40 feet of drill; 4 to 5 pounds an acre

CULTURE.—Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, spreading out the roots, and cover gradually during the season 6 or 8 inches. On the approach of winter cover with manure or compost, fork the beds early in spring, and apply a dressing of salt at the rate of 600 pounds to an acre. Cut for use the second year after planting.

Columbian Mammoth White. A very valuable new variety because of its whiteness, there being very few green sprouts. The immense white shoots stay clear as long as fit for use without blanching. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Barr's Mammoth. This variety is especially valuable for market, the stalks being large, tender and light, making shoots fit for sale in one day. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Conover's Colossal. A mammoth green sort of the largest size, and of extra good quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

ASPARAGUS ROOTS

Special prices on larger quantities. Sent by freight or express at purchaser's expense. If sent by mail, add 40 cts. per 100

Conover's Colossal. Two-year-old roots. 75 cts. per 100, \$3 for 500, \$5 per 1,000.

Columbian Mammoth White and Barr's Mammoth. Two-year-old roots. \$1 per 100, \$1.75 for 250, \$3.25 for 500, \$5.75 per 1,000.

Donald's Elmira. Two-year-old roots. 75 cts. per 100, \$3.75 for 500, \$6 per 1,000.



Columbian Mammoth White Asparagus

old roots \$1 per 100, \$1.75 for 250, \$3.25 for 500, \$5.75 per 1,000.

Donald's Elmira. Two-year-old roots. 75 cts. per 100, \$3.75 for 500, \$6 per 1,000.

BROCCOLI

One ounce will sow a bed 40 feet square

CULTURE.—Same as cauliflower.

Early Purple Cape. Heads of medium size, close, compact, brownish purple. Best suited to our climate, and of excellent flavor. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.75.

BRUSSELS SPROUTS

CULTURE.—The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

Paris Market. Dwarf, with small, solid, tender heads, growing close along the stem. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Broccoli



Brussels Sprouts

DO NOT FAIL to include in your order a packet each of the

HOLMES' DELICIOUS EARLY SWEET CORN

The sweetest and most productive Sweet Corn grown (see illustration, front cover)

HOLMES' PROLIFIC GREEN LIMA BEAN

The most prolific Lima Bean we have ever seen, and which dries green. A most valuable Bean for any one to grow (see illustration from photograph, exact size, last cover page).

One pkt. of each of these rare Novelties, 40 cts. Be sure and give them a trial

BEANS

GREEN-PODDED DWARF or BU

one qt. to 100 feet of drill, 1 1/2 bus. to the acre, in

In many localities the low varieties are known by different names. Under this classification we show the very best sorts selected after years of careful growing of Bush, Bunch, Snap, String or Dwarf 1

CULTURE.—About the first of May select a warm, dry red spot; dig and manure slightly; make drills 2 inches and 18 inches to 2 feet apart; drop the Beans 3 inches above drills, and cover not more than 2 inches deep. Hoe by weather to keep down the weeds. Sow every two weeks for a succession until September.

Packets of Beans put up to sell at 5 cents, but contain too small a quantity. We therefore put up liberal-sized packets at 10 cents, postpaid, preferring to please rather than disappoint

New Giant Green-Pod Stringless Valentine

The Round-Pod Valentine Bean has long been the most popular with market-gardeners. This new cross-bred variety possesses all the merits of the old favorite, which is one of its parents, and has, in addition, the following points, which enhance its value: It is ready for market with a more prolific crop of pods a week earlier. The pods are one-third larger, averaging 5 to 6 inches in length. They are always absolutely stringless, unusually crisp, round, full and fleshy. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; by freight or express, qt. 25 cts., 4 qts. 75 cts., pk. \$1.35, bus. \$5.

Stringless Green-Pod Bean

THE EARLIEST GREEN-PODDED BEAN. ABSOLUTELY STRINGLESS, OF FINE FLAVOR

Without any exception it surpasses all others in crispness and tenderness. Tender and ready to market two weeks earlier than the best stock of Improved Extra-Early, even earlier than the Early Yellow Six Weeks. Stringless Green-Pod is of interest to the market-gardener and canner, who plants for profit, but also the amateur. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; by freight or express, qt. 25 cts., 4 qts. 75 cts., pk. \$1.35, bus. \$5.

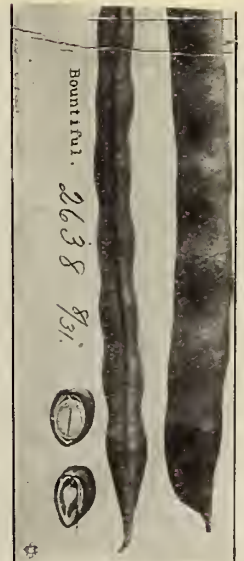
LIBERAL-SIZED PACKETS OF ANY VARIETY OF BEANS 10 CENTS

One quart to 100 feet of drill, one bushel per acre in drills

DWARF GREEN-PODDED SNAP SHORT

	Days from planting to maturity.	\$0 25	\$0 30	\$0 25	\$1 25	\$4 50
Improved Round-Pod Red Speckled Valentine. Earlier, more uniform and prolific than the old Red Valentine.....	47	\$0 25	\$0 30	\$0 25	\$1 25	\$4 50
Refugee, or 1,000-to-1. Medium early, hardy, productive.....	69	25	35	25	1 25	4 50
Early Mohawk. Very early and hardy; long, flat, straight pods.....	48	20	35	20	1 25	4 25
Long Yellow Six Weeks. Early, with full, flat green pods.....	45	20	35	20	1 25	4 25
Round Yellow Six Weeks. Very prolific; semi-round pods.....	57	20	35	20	1 25	4 50
Emperor William. Early, with large, long flat pods, white seed.....	40	20	35	20	1 25	4 25
Best of All. Round, long, glossy green, fleshy pods.....	51	20	35	20	1 25	4 50
Early China Red Eye. Very early old standard sort.....	49	20	30	20	1 25	4 25
Dwarf Horticultural. An excellent green-pod sort.....	49	20	35	20	1 50	5 00
Low Champion Bush. Exceedingly fine; prolific.....	58	25	40	25	1 35	4 50
Large White Marrowfat. For winter use.....	54	25	30	25	1 25	4 25
Refugee Extra-Early. Nearly two weeks earlier than 1,000-to-1. Almost certain to produce a crop even in unfavorable seasons; enormously prolific, exceptionally free from string and meltingly tender.....	48	20	35	25	1 50	4 75
BLACK VALENTINE. Very prolific and vigorous grower; very early and a profitable market variety.....	40	25	40	25	1 50	4 75
BOUNTIFUL. A fine flat-podded Bean, and the best in its class; first in the spring and last in the fall; tender and excellent flavor.....	45	25	40	25	1 35	4 50
LONGFELLOW. Perfectly round, early and very prolific; pods solid, fleshy, averaging 6 1/2 inches.....	40	25	40	25	1 25	4 50

TO BE ON TOP you must plant the choicest new varieties. Do not fail to read about Holmes' Delicious Sweet Corn and Holmes' Prolific Green Lima Beans. See illustrations of both on covers.



New Round-Pod Kidney

WONDERFULLY EARLY AND

Our customers have frequently asked for a possessing the excellent market and shipping quality well's Kidney wax, and this is the first Bean that will fill the bill. The plant grows tall, sturdy, round, handsome, **stringless pods** of large size, crisp, brittle and free from rust, wonderfully early. There is no other round-podded Wax Bean in the market of good qualities of this Bean. **Pkt. 10 cts., pt. mail, postpaid; by freight or express, qt. 30 cts., pk. \$1.75, bus. \$6.**

Currie's Rust-Proof

ABSOLUTELY FREE FROM

It is positively proof against rust—for while other Wax Beans, with other Wax Beans, all of them more or less, many of them completely ruined by it, this Bean is free from rust. Not only is it rust-proof, but it is of a quality of being exceeding crisp and tender, with a richness of greenness, and of a most delicious flavor. **Pkt. 10 cts., postpaid; by freight or express, qt. 30 cts., pk. \$1.75, bus. \$6.**

Improved Stringless Refugee

Strong bush growth; very productive. Slender, round, five inches long, solidly meaty, brittle, and stringless. It is of a quality of being exceeding crisp and tender, with a richness of greenness, and of a most delicious flavor. **Pkt. 10 cts., postpaid; by freight or express, qt. 30 cts., pk. \$1.75, bus. \$6.**

Davis' White Wax B

Immensely productive, bearing large, handsome straight pods. The pods are, however, tough with decided strings. The Bean is desirable for winter market as a shell Bean. **Pkt. 10 cts., pt. mail, postpaid; by freight or express, qt. 30 cts., pk. \$1.75, bus. \$6.**

Burpee's White Wax

LARGE-SEEDED STRINGLESS BUSH BEAN

Of sturdy, upright growth, the bushes are heavily laden with a magnificent crop of large, handsome wax pods. The pods are straight, of a bright lemon yellow, brittle, meaty, and entirely stringless at all stages of growth. It is what the canners and truckers have been seeking for years,—as it combines quantity, quality and purity in the pods, which can be used as a string-bean until large enough to shell, while the seed, being large and pure white, is most desirable as shell beans, both for summer and winter use. **Pkt. 10 cts., pt. 35 cts., postpaid; by express or freight, not prepaid, qt. 40 cts., 4 qts., \$1.25, pk. \$2.25.**

General List of Dwarf Wax-Podded Snap Short Beans

One quart to 100 feet of drill, one bushel per acre in drills

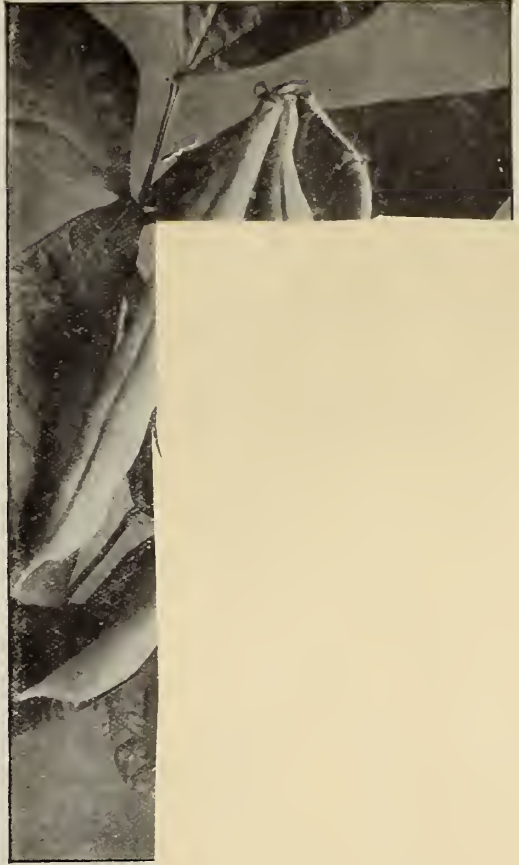
	Days from planting to maturity.	BY MAIL PREPAID		BY EXPRESS OR FREIGHT		
		Pt.	Qt.	Qt.	Pk.	Bus.
Golden Wax. The well-known old sort; popular for market.....	40	\$0 25	\$0 40	\$0 25	\$1 50	\$5 25
Improved Rust-Proof Golden Wax. A greatly improved strain; more prolific and superior to the old Golden Wax.....	47	25	40	25	1 50	5 25
Dwarf German Black Wax, or Butter. Well known.....	40	25	40	25	1 50	5 25
New Prolific German, or Cylinder Wax. Very early and prolific; pods round, full and stringless. One of the best early Wax Beans.....	40	25	45	30	1 00	5 50
Yosemite Mammoth Wax. Very large pods of fine quality.....	52	25	45	30	1 75	6 50
Golden-Eyed Wax. Early, hardy, prolific; popular market sort.....	46	30	50	35	1 50	5 75
Perfection Wax. Large, handsome pods, very showy.....	49	25	45	35	1 50	5 50
Wardwell's Kidney Wax. Very robust and hardy; one of the very best large-podded varieties.....	48	25	45	35	1 50	5 50
Saddleback Wax. Entirely stringless, of fine quality.....	45	25	40	35	1 50	5 50
Valentine Wax. A perfect Valentine Bean with a wax pod; valuable for both market gardeners and private planters.....	40	25	40	35	1 35	5 75
Holmes' Improved Silver. Pods silver white, very crisp and tender.....	57	25	40	35	1 50	6 00
Pencil-Pod Black Wax. Hardier and more prolific than the old German Wax. Pods long, pencil-like, tender and brittle.....	48	25	45	35	1 50	6 00

HAVE YOU INCLUDED HOLMES' PROLIFIC GREEN LIMA BEAN? Entirely new. The most prolific Lima Bean grown. Pods average five Beans, which dry green. A very valuable novelty. Give them a trial this year. No garden is complete without this Bean. For illustration see last page of cover, and full description on page 6. **INCLUDE IT IN YOUR ORDER THIS YEAR.**

POLE, or RUNNING BEANS

CULTURE.—Pole Beans are even more sensitive to cold and wet, as well as to drought and hot winds, than the dwarf varieties, but are of superior quality and productiveness. After settled warm weather, set poles 4 to 8 feet long in rows 4 feet apart and extending north and south, the poles being 3 feet apart in the row. Let the poles slant slightly toward the north. Set in this way the vines cling better, and the pods are straighter and more easily seen. Around each hill plant five to eight Beans 2 inches deep. When well started thin to four plants, and see that they all climb around the pole in the same way, for they will not grow if tied up in the opposite direction. Another plan is to plant in rows thickly enough so that there will be one plant to 8 or 10 inches. Set posts 5 feet high firmly at each end of the rows and drive stakes made of 2 x 2 lumber at intervals of 16 feet along the rows. Stretch a wire, size number 10 or 12, between posts along each row, and fasten it to the tops of the stakes in the row with wire staples. Run a light wire or twine along the row about 6 inches from the ground and fasten to the posts and stakes with wire staples. Tie twine to the wire above and the wire or twine below, wherever there is a plant. The vines will run up these until they reach the top wire, when they will care for themselves. Another way is to omit the bottom wire and stick small stakes 2 to 6 inches in the soil and fasten to the top wire.

One quart to 150 hills, 10 to 16 quarts to an acre



Old Homestead, or Kentucky Wonder

CORN HILL BEANS. VERY PRODUCTIVE

This splendid variety, introduced in 1885, has since been offered as Seek-no-Further, and was introduced in 1891 as a novelty under the name of Old Homestead. Vine vigorous, climbing well and very productive, bearing its pods in large clusters; blossoms white; pods green, very long, often reaching 9 or 10 inches, nearly round when young, and very crisp, becoming very irregular and spongy as the Beans ripen. Dry Beans long, oval, dun-colored. An early and very prolific sort, with showy pods which are most excellent for snaps. It is sometimes catalogued as being the same as Southern Prolific, but this is an error, as the latter is two weeks later and has shorter pods. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.50, bus. \$5.75.**

Lazy Wife's Pole Bean

FOR CORN HILLS. DRIED BEANS WHITE

The pods are produced in large clusters in great abundance and are from 4 to 5 inches in length. Dark green, rather flat but broad, quite thick, fleshy and entirely stringless, retaining their brittleness until fully developed; of unusually rich flavor. The dry Beans are pure white in color; excellent for winter use. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.50, bus. \$5.75.**

White Creaseback Pole Bean

KNOWN IN SOME SECTIONS AS THE FAT HORSE BI

This is the earliest and best early green-podded pole Bean for snapshirts. It is of rapid grow clusters and are from 5 to 6 inches in length, perfectly round, being deeply creased or "saddle-back stringless and of the finest quality. The dry seed is pure white and excellent for winter use. **Pt paid; by freight or express, qt. 25 cts., pk. \$1.75, bus. \$5.**

White Sickle Pole Bean

ONE OF THE BEST POLE BEANS IN CULTIVATION

Similar to Kentucky Wonder, except that the dry Beans are white, more slender and curved a than those of that variety. We think this sort an improvement over the Kentucky Wonder in that and so does not discolor in cooking. It is certainly a splendid variety, and is grown with great succ the best pole Bean in cultivation. **Pkt. 10 cts., pt. 30 cts., qt. 45 cts., by mail, postpaid; by fr 80 cts., pk. \$1.50, bus. \$5.75.**

Half-pecks and half-bushels supplied at peck and bushel rate. Early orders are advisable. Some main varieties very shor.

LIBERAL PKTS. OF ANY VARIETY POSTPAID FOR 10 CTS.

WAX POLE BEANS

Golden Butter Wax. Rapid grower; productive; round-podded.....
German Wax. An old standard sort, with flat pods.....
Early Golden Cluster Wax. Early; thick flat pods; prolific.....

GREEN-PODDED POLE BEANS

Horticultural, or Wren's Egg. Best for corn Beans.....
Southern Prolific. Continuous bearer.....
White Dutch Case Knife. Flat pods.....
Red Speckled Cut-short, or Corn Hill. Old variety; popular.....
Golden Carmine-Podded Horticultural. A new climbing Bean of robust growth; an early and prolific yielder of large, fleshy, stringless pods of a handsome golden color, mottled with carmine; unsurpassed both as a "snap" and shell Bean.....

HOLMES' GREEN PROLIFIC

Pole Lima Bean

GROWS GREEN, KEEPS GREEN AND DRIES GREEN. THE ONLY
LIMA BEAN THAT IS ABSOLUTELY GREEN WHEN DRIED

The most productive Pole Lima Bean, as early as the Early Jersey and unquestionably the most prolific of all Pole Limas

Origin. This Pole Lima was originated in Philadelphia over sixty years ago by Mr. Lafferty, a market-gardener, in the "Neck,"—that portion of South Philadelphia lying between the Delaware and Schuylkill rivers. Mr. Lafferty was a gardener of renown who made a specialty of growing Lima Beans for family and hotel trade, and being a very careful gardener succeeded in the course of his lifetime in producing this Bean. Through careful selection of the Beans, close observation and long years of application, he finally became known in his locality as the best grower of Lima Beans in the "Neck." He cherished this Lima Bean and was careful to keep it to himself until he died, when his son, Godfrey, brought it to Mr. Wm. K. Harris, the noted florist in Philadelphia, about twenty years ago, and he has used his best endeavors to keep it as true as the original type.

What we found out. In our crop, which we grew this year, we find the Bean equals the Early Jersey or any other variety for earliness, and is by far more productive than any other Pole Lima we have ever seen grow. It is not like the Mastodon Lima, which retains only a portion of the green coloring in the dry Bean, but each and every Bean of **Holmes' Green Prolific Pole** has that

Pods. true, distinct, deep green color which insures the color when the Beans are shelled for market. The large pods hang in clusters of from five to eight, which makes them easy to gather, each having five to six Beans in a pod.

Quantity we have to sell. We have only one bushel of these Beans to sell this year, and after careful consideration we decided that we must retain a certain amount for stock seed for next year, and for this reason we cannot spare a single Bean more than what we have laid aside. The first orders will, of course, be given the preference, and those that are tardy in sending their orders in.

Do not be disappointed. expecting to get this Bean, must not be disappointed if their money is returned. It is a novelty which the seedsmen throughout this country have been trying to obtain for years, and yet we are the only ones that have this genuine Lima Bean of true green color when dried,—absolutely pure. As our thousands of customers will be wanting this Bean, we have decided to distribute it in small packets containing enough Beans for two hills, which will enable each and every one to give it a trial, and **positively only three papers will be sold to any one person.**

WHAT THE GROWERS SAY

MESSERS. GEO. R. PEDRICK & SON, who grew this Bean for us this year, write: "The Holmes' Green Prolific Pole Lima Bean, which we grew for you this past season, was one of the most productive Pole Limas we have ever seen growing, bearing large clusters, six to eight pods, containing five to six perfect formed Beans as large as the King of the Garden or Large White Lima of true dark green color, which has long been sought by many seedsmen, and we believe this is one of the novelties which has come to stay that has merit. In flavor they are delicious and tender."

SPECIAL NOTE. Recollect, our stock of this wonderful novelty is limited, and as stated above we positively can not fill any orders after our stock has become exhausted, nor can any customer secure more than three packets

PRICES FOR 1909. Per pkt. containing six Beans, 25 cts., 3 pkts. 50 cts.

The forepart of the history of this Bean was given us by Mr. Wm. K. Harris.

See illustration on back of cover, taken from nature, which shows the characteristics, size and prolificness of this wonderful Lima Bean.

Fordhook Bush Lima Bean

THE ONLY STIFFLY ERECT BUSH FORM OF THE POPULAR "POTATO" LIMA PODS AND BEANS ARE TWICE THE SIZE OF DREER'S BUSH LIMA AND MOF HALF AGAIN AS LARGE AS THE CHALLENGER POLE LIMA.

The introducer describes this wonderful Novelty as follows :

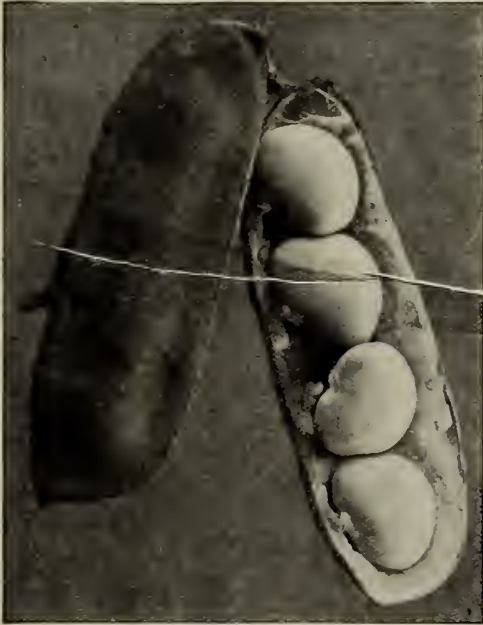
FORDHOOK BUSH LIMA is altogether unique. Nothing like it has ever been seen. Of strong, erect, true bush-like growth (never prostrate or running), the bushes average inches in height by 20 to 24 inches across the top. Foliage heavy and very dark green.

Like Burpee's Bush Lima, the stalks that produce the blossoms are thrown out from the main stalks; the pods are borne in clusters of from four to eight. The pods resemble those of the Dreer's Bush Lima, but average more than double the size, measuring from 4 to 5 1/2 inches long, about 1 1/4 inches wide, by as much as three-quarters of an inch thick. The pods contain three to five large beans, with an average of four.

FORDHOOK BUSH LIMA is fully thirty-three and one-third per cent heavier and, therefore, is bound to entirely displace the Kumerle (Dreer's or Thorburn's) Bush Lima. In season it is from four to six days earlier. **Pkt. 15 cts., 1/2 pt. 25 cts., pt. 45 cts., by mail paid; by freight or express, pt. 35 cts., qt. 60 cts., 2 qts. \$1.10, 4 qts. \$2, pk. \$3.50, bus.**

The New Burpee-Improved Bush Lima

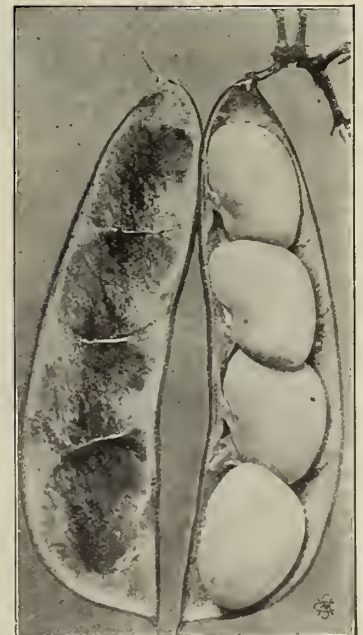
Earliest, largest and the best of all large Limas! The sturdy bushes are loaded with pods that are truly enormous in size! The luscious green beans are larger than any Limas ever known before! **Burpee-Improved** is a distinct new creation and not merely an improved selection made by man. It differs from the best strains of Burpee's Bush Lima having uniformly much larger pods, producing more Beans, while both pods and Beans are not only larger in size but also considerably thicker. The stiffly erect upright bushes are more vigorous in growth, with heavier foliage. Full-grown bushes measure 30 inches in height and 24 inches across the top. **Pkt. 15 cts., 1/2 pt. 35 cts., pt. 60 ct by mail, postpaid; by express, 1/2 pt. 30 ct pt. 50 cts., qt. 85 cts., 2 qts. \$1.50, 4 qts. \$2.75 pk. \$5.**



Henderson's Bush Lima

Extra-Early Lima Bean, Trucker's Delight

The green-shelled beans are of immense size, tender and succulent. In earliness, ease of shelling, size, beauty and quality of green beans, this variety is far in advance of all other sorts. It is recognized as the best of all Limas for either garden or market. **Pkt. 10 cts., pt. 25 cts., qt. 40c., postpaid; by freight or express, pt. 20 cts., qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.**



Trucker's Delight Lima Bean

General List of Bush and Pole Lima Beans

	BY MAIL POSTPAID		BY EXPRESS OR FREIGHT		
	Pt.	Qt.	Qt.	Pk.	Bus.
BUSH LIMA					
Henderson's Bush Lima. A true bush variety, 18 to 20 inches high, requiring no support; enormously productive and early...	\$0 25	\$0 40	\$0 25	\$1 50	\$5 50
Burpee's Bush Lima. Bushes grow 18 to 20 inches high; immense yielder, having 80 or more handsome pods on a bush. A good standard sort.....	25	40	25	1 75	6 00
Dreer's Bush Lima. A bush form of the pole sort of same name..	25	40	25	1 75	6 00
POLE LIMA					
King of the Garden Lima. Very prolific and heavy bearer....	25	40	25	1 50	5 50
Dreer's Improved Lima. A thick, almost round Bean; fine quality.	25	40	25	1 50	5 50
Large White Lima. The old favorite.....	25	40	25	1 50	5 50
Extra-Early Jersey Lima. Much earlier than Large White Lima..	25	40	25	1 60	5 75
Small White, or Carolina Sieva. A small seeding variety.....	25	40	25	1 60	5 75

A TRULY DELICIOUS SWEET CORN is something that every Gardener and Farmer wants. Do not fail to include in your order **HOLMES' DELICIOUS.**



and 5 or 6 inches apart. In October the roots may be taken up and stored

SEEDS OF BEETS ARE UNIFORM AND OF FINE QUALITY

We are now working on strains of Beets to secure stocks which grow uniform and reliable. We believe now we have as fine stock as can be produced in the world, growing in France. Our French-grown Beet seed is far superior to that which is grown in America, uniform in every respect. Ours is French seed.

Order 1 lb. from these prices if ordered by express or freight at purchaser's expense

SEEDS FOR MARKET-GARDENERS

Beet EXCEEDINGLY TENDER, MAGNIFICENT FORM AND BLOOD-RED FLESH

This Beet we sent out several years ago and reports we received convinced us that it was a Beet worthy of introduction. It was a Beet far superior to anything we had yet introduced. Pkt. 10 cts., 5 lbs. \$2.50.

On Oct. 27, was duly received and planted. I can truthfully say that it is the finest early blood beet about the same time as your Harrisburg Market. It has an exceedingly short top, is of a very smooth, while it attains good size rapidly. It readily sells on the market on its merits. It was a Beet at all, but customers pick it up and buy it without asking any questions. (Signed) G. W. HOOPER, Fort Hunter, Pa.



Holmes' Deep Blood Turnip Beet

A VALUABLE MARKET-GARDEN VARIETY

We have been trying, at the instigation of many of our market-gardening customers, to secure a Beet which comes early, is of deep blood color and has small tops. We have succeeded in securing a variety that, while not so early as the Harrisburg Market, has the color and texture desired. From trials made, it proves to be the best deep blood Beet for market-gardeners. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 30 cts., lb. 80 cts., 5 lbs. by mail, postpaid; 5 lbs. by express, \$3.50.

Holmes' Early Surprise Beet

FOR EARLY OR LATE PLANTING

This extra-early Blood Turnip Beet has become wonderfully popular with both market gardeners and private planters. It is a rich blood red Beet, with fine grain and delicious flavor. Equally as good as the famous Harrisburg Market Beet. Available for market on account of earliness and size. (See illustration) Pkt. 5 cts., oz. 10 cts., 1/2 lb. 30 cts., lb. 80 cts., 5 lbs. by mail, postpaid; 5 lbs. by express, \$3.50.



Harrisburg Market Blood Turnip Beet

THE EARLIEST, HANDSOMEST NEW BEET IN CULTIVATION

The Harrisburg Market Beet is true turnip shape, has a single tap-root, a smooth skin, a rich, tender quality and is free from the woodiness so often found in early varieties. It is ready to use in 15 days from time of planting. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 30 cts., lb. 80 cts., 5 lbs. by mail, postpaid; 5 lbs. by express, \$3.50.

General List of Garden Beets

PRICES, DELIVERED FREE IN THE U. S. UNLESS NOTED
One ounce to 50 feet of drill, five pounds per acre in drills

Bastian's Blood Turnip. A fine second-early, following Egyptian and Eclipse.....

Crimson Globe. The finest table Beet grown. Early, of medium size, uniformly round; color deep crimson throughout; exceedingly tender and sweet and a good keeper....

Crosby's Egyptian. The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness; it is larger, lighter-colored and more nearly spherical. One of the best for early planting out-of-doors. It is a most excellent sort, becoming fit for use sooner than any other variety, but it is not so well suited for forcing in hotbeds or for transplanting as the Egyptian.....

Dark Stinson. This is a finely bred variety for summer market. The roots grow to a good size, with the smallest amount of top or foliage of any large Beet; they average 2½ inches in diameter, with leaves only 5 inches in length. On account of the small foliage they can be grown closely in the row, with rows nearer together. Roots are smooth and regular in form, tapering gracefully at the base, with small tap-root. Flesh is fine-grained, free from any woodiness, even when fully grown, and is of dark red coloring. The roots remain in good condition for a long time after attaining their full size, while the fine foliage is as richly colored as are the leaves of the dark varieties used for ornamental planting.....

Dewing's Improved Blood Turnip. Handsome, smooth and round, tapering at the base; flesh strongly zoned, of fine quality.....

Detroit Dark Red. A fine strain of turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine-grained, tender and remaining so for a long time. One of the best for either early or late planting.....

Dirigo. Deep blood-red; very hardy.....

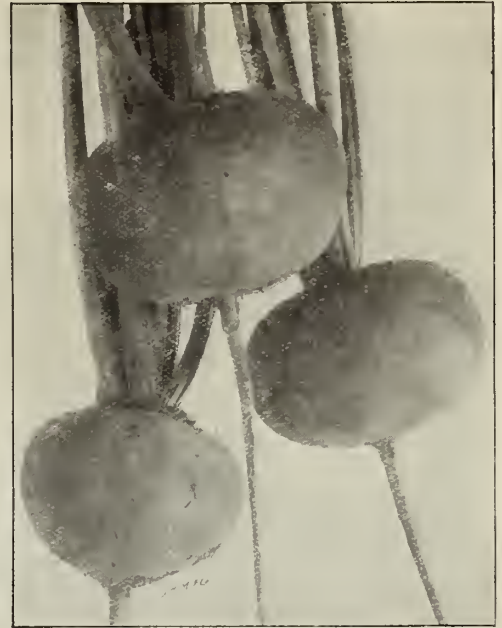
Early Blood Turnip. A standard variety, following Eclipse in earliness; quality excellent; color deep blood-red; the tops make excellent greens.....

Early Eclipse. Tops small, dark purplish green, shading to lighter color on outside of leaves. Roots nearly globular, with a small tap-root and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender, especially when young.....

Edmand's Early Blood Turnip. Tops low, small, spreading; leaf-stalks and ribs dark red; blade of leaf bright green, having markedly wavy edge; roots dark red, interior color purplish red, zoned with a lighter shade; crisp, tender and sweet. One of the best Beets for winter and an excellent keeper.....

Egyptian. A standard extra-early sort, being 10 to 12 days earlier than the old Blood Turnip. The roots are round and flattened, of good size and deep crimson in color; tops unusually small.....

	Pkt.	Oz.	¼lb.	Lb.
Bastian's Blood Turnip.....	\$0 05	\$0 10	\$0 25	\$0 75
Crimson Globe.....	05	15	35	1 00
Crosby's Egyptian.....	05	10	30	90
Dark Stinson.....	05	10	25	85
Dewing's Improved Blood Turnip.....	05	10	25	75



Crosby's Egyptian Beet

Ford's Perfected Half-Long. Has many distinctive points of great value. In size the roots are remarkably uniform; the color is a very deep red, several shades darker than the Bastian's Half-Long. It is also earlier, maturing a few days after the early turnip varieties.....

Lentz. Leaves and roots are pale in color, but of delicious quality.....

Long, Smooth Blood-Red. An excellent late variety, of intense dark red color.....

New Columbia. Skin, flesh and top are like Egyptian, but the roots are larger, longer, of much better quality and more uniform in growth. Excellent for market-gardeners.....

	Pkt.	Oz.	¼lb.	Lb.
Ford's Perfected Half-Long.....	\$0 05	\$0 10	\$0 30	\$0 90
Lentz.....	05	10	25	85
Long, Smooth Blood-Red.....	05	10	25	75
New Columbia.....	05	10	25	75
Ford's Perfected Half-Long.....	05	10	20	70
Lentz.....	05	10	25	75
Long, Smooth Blood-Red.....	05	10	25	75
New Columbia.....	05	10	25	80



Mangel-Wurzels and Sugar Beets FOR STOCK FEEDING

CULTURE.—Sow in drills 2 feet apart and about 2 inches apart in drills, thinning to 12 or 15 inches in the row. Long varieties are best suited to deep soil; globe sorts succeed better than long ones on sandy soil. They make a heavy growth, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivation.

	Five or six pounds of seed will sow an acre Five pounds, freight or express, \$1.25		BY MAIL POSTPAID	
	Oz.	Lb.	Oz.	Lb.
Mammoth Prize Long Red. Enormously productive, yielding 30 to 40 tons to the acre.....	\$0 10	\$0 35		
Golden Tankard. Distinct; highly prized by dairymen....	10	35		
Golden Giant Intermediate. Excellent keeper; grows more than half above ground.....	10	35		
Lane's Imperial Sugar Beet. American sort; productive....	10	35		
Klein Wanzleben. Easier grown than any other variety; 15 to 18 per cent of sugar.....	10	35		
Vilmorin Improved Sugar. Not so large as other varieties, but as much sugar.....	10	35		

PURE
AMERICAN - GROWN

TESTED CABBAGE SEED

One ounce of seed will sow a bed of 40 feet, and produce 2,000 plants

For years we have made the selection of Cabbage Seed one of our specialties. There is no other crop upon which the market gardener so much depends for profits. After exhaustive trials, we have selected only such varieties as are certain to be of great value to all growers. Our seed is grown from stocks carefully selected on Long Island, and it is from that place that our extra-select Cabbage Seed comes.



CULTURE—In sections where the temperature never falls to 20 degrees below freezing point, seed may be sown in the open border in October and transplanted to rows very early in spring, but in northern states we sow in hotbeds in February, or, still better, from September to to 20, and winter the plants over in a coldframe. Transplant March 15 to April 15, about 18 inches apart, in rows 2 feet wide; this earliest crop matures in June. For second-early crop, to mature in July and August, sow seeds of early kinds early in April and plant out in May. For a late crop to mature from September to December, sow late varieties early in May and plant out in July; the plants 2 and the rows 3 feet apart. Cabbages should be hoed every week and the ground stirred as they advance in growth, drawing up a little earth to the plants each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads. Of late years many crops of early Cabbages have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply an emulsion of kerosene, made as follows: Add one quart of kerosene oil to two quarts of boiling soft soap, which has been thinned to the consistency of cream. Stir the oil thoroughly by churning or other method, until it has united with the soap and forms a cream-like substance. Then dilute with five times as much water. To accustom, ashes, slacked lime and coal dust, are all recommended as preventives, and, with us, have proved valuable in the order named. These are scattered about the plants, leaving one here and there untreated for the flies to congregate around and deposit their eggs upon, when the plants should be pulled up and destroyed. The cabbage worms which destroy the leaves and heads later may be killed by dusting with pyrethrum powder, slug-shot or Paris green. The last two are poison, and should not be used in large quantities, or late in the season. If the disease called club root should get a foothold, do not plant the land with any of the cabbage family for a year or two. This is usually an effective remedy. To preserve Cabbages during winter, pull them on a dry day and turn them over on the heads a few hours to drain. Set them out in a cool cellar, or bury them in long trenches in a dry situation, covering with boards or straw so as to keep out frost and rain.

Remember to deduct 10 cts. per lb. from these prices if ordered by express or freight

Holmes' Houser Cabbage

NAMED AND INTRODUCED BY US IN 1897. FAMOUS FOR ITS SOLIDITY, FINE GRAIN, SMALLNESS OF HEART AND KEEPING QUALITIES. MARKET-GARDENER'S IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

This famous Cabbage, named and introduced by us nine years ago, has gained steadily in popular favor. No other variety can approach the Holmes' Houser in quality, size, productiveness, smallness of heart and keeping qualities. Our original stock produced heads exactly as reproduced here, and it is remarkable what enormous crops are produced from this particular stock. To keep this seed pure requires a great deal of attention and selection, inasmuch so that we have contracted with Mr. Houser, the originator of this Cabbage, to grow for us yearly, one pound of stock seed, for which we pay him about \$60. This seed is then sent to one of our very best growers on Long Island, where it undergoes the second selection. Our contract with this grower is that he shall not allow a single grain of this particular seed to be sold to any other seedsmen; consequently the pure and genuine stock can be had only from us direct, or from some of our regular wholesale dealers, to whom we sell the seed. It is very fine-grained, sweet flavored, has but few loose leaves, is good for shipping, and is just the variety and quality to suit market-gardeners, farmers and all lovers of good Cabbage.

A WARNING.—It is absolutely necessary to plant out the Holmes' Houser Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the Flat Dutch types or any other late variety.

Seed grown from the original as selected stock and procurable only from us or one of our wholesale dealers, under SEAL, pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.50, lb. \$5; by mail, postpaid, to your address.

New Large Holmes' Early Cabbage

Three years ago, under the number of 138, we sent out samples of this new Cabbage. Before listing this Cabbage, we desired to get the sentiment of practical growers. From our own tests, and the reports received, it has far exceeded our expectations. This new Cabbage combines two good qualities,—large and very early. The heads are large, round, or globe shaped, almost as solid as the Holmes' Houser, finely ribbed, and of a yellowish green color. The plants produce very few outer leaves. The great weight of the heads, for an early variety, will make it one of the most desirable sorts for the market gardener. It is an excellent variety to resist the blight and drought. (See illustration.) Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.25, lb. \$4.



Holmes Early Cabbage

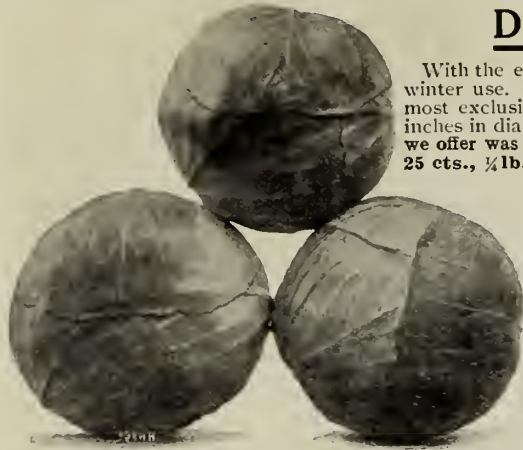
Holmes' Collection of Cabbages

FOR PLANTING IN SUCCESSION

The three varieties below will produce a supply of Cabbage from early spring until late winter. Holmes' Early Cabbage, All-Head Second-Early, Holmes' Houser Late. One packet each of three varieties, 25 cts.; one ounce each of three varieties, 75 cts.

Danish Ballhead Cabbage

With the exception of the Houser, this variety has few equals for winter use. It is highly prized in Denmark and is grown there almost exclusively for winter Cabbage. The heads are round, 8 to 10 inches in diameter, and very solid, with few outer leaves. The seed we offer was grown by the originator in Denmark. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.



Danish Ballhead Cabbage

Danish Roundhead Cabbage

AN EARLIER, SHORTER-STEMMED TYPE OF THE FAMOUS "DANISH BALLHEAD"

"Danish Roundhead" has less outer foliage and is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. Pkt. 10 cts., oz. 35 cts., ¼lb. \$1, lb. \$3.50, postpaid.



Danish Roundhead Cabbage

OUR STOCK of both the above Cabbages is imported direct from Denmark and grown by the most careful growers abroad. Gardeners requiring quality can get it in our Cabbage stocks.

Remember our prices are for seeds, postpaid by mail. If ordered by express or freight, deduct 10 cts. per pound from prices quoted

PRICES, DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

One ounce produces 1,500 plants, ¼lb. to be transplanted for an acre

	Pkt.	Oz.	¼lb.	Lb.
EXTRA-EARLY VARIETIES				
Early Jersey Wakefield. This famous Cabbage still retains its lead as the best Early in cultivation. The heads are of pyramidal shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather. Our seed is from highly bred, selected stock and is unequalled.....	\$0 05	\$0 20	\$0 70	\$2 25
Early Charleston Wakefield. This is the largest Early Cabbage, which we bred from the Early "Jersey" Wakefield, to meet a demand for a larger heading sort. It possesses all the valuable characteristics of the parent with the advantage of the heads being fifty per cent larger, though a few days later. Our strain of seed is very superior.....	05	25	75	2 50
Extra-Early Express. Earliest of French Cabbage; small, pointed head.....	05	15	40	1 40
Early York. Very early, producing small, oval-shaped heads.....	05	25	75	2 25
Early Winnigstadt. An old, popular, medium early variety, with large, pyramidal heads of excellent quality; good to succeed the extra earlies.....	05	15	50	1 50
Allhead Early (Burpee's). A flat head, coming in with Early Summer; much larger.....	05	25	75	2 20
Early Flat Dutch. We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; most valuable for forcing or for general crop.....	05	20	60	1 50
SECOND EARLY, or SUMMER VARIETIES				
Holmes Early No. 138. This new Cabbage combines two good qualities, large and early; heads globe-shaped; very solid. (See special description.).....	10	40	1 50	5 25
Early Summer. This peerless variety was introduced by us; it makes a large, solid, round, flat head, coming about ten days later than Wakefield.....	05	20	50	1 75
Fottler's Improved Brunswick. Heads large, flat and solid; a sure header, long-standing; short stem.....	05	20	50	1 75
Succession, Henderson's. Universally conceded to be the grandest Cabbage in existence for either summer or winter use; heads hard and uniform, 10 to 12 pounds in weight; quality extra-fine and a good keeper.....	05	20	60	2 00
Acme Flat Dutch. Earlier than other varieties; superior strain.....	05	20	60	2 00
Fall Seasons (Vandergaw). One of the finest; growing to a large size quickly.....	05	20	60	2 00
Fottler's Improved Flat Brunswick. Large, solid heads; fine for early or late. Considered by many gardeners as second to none of the second-early varieties.....	05	20	60	2 00
Limited Mail. A superb second-early variety. (See special description).....	10	25	75	2 50
Stein Early Flat Dutch. An excellent variety for winter use and valuable for market-gardening.....	05	25	75	2 40
LATE, or WINTER VARIETIES				
Autumn King, Henderson's. The acknowledged "King" of all Winter Cabbages, producing enormous solid heads, weighing 25 to 30 pounds; interior crisp, fine-grained, white; splendid keeper.....	05	25	75	2 50
Holmes Perfection Late Flat Dutch. Our improved highly-bred strain of this old favorite Winter Cabbage will be found very superior.....	05	20	60	2 00
Short-Stem Drumhead. Selected strain; ripens early.....	05	20	60	2 00
Marblehead Mammoth. The largest known; fair quality.....	05	20	50	1 75
Mammoth Dark Red. Hard-heading; round; deep red.....	05	25	75	2 50
Red Dutch. For pickling.....	05	20	60	2 00
Surehead. Fine large solid heads with few outside leaves.....	05	20	60	2 00
Safe Crop. (Same as Houseman Late Flat Dutch.) A good strain.....	05	20	50	1 75
SAVOY VARIETIES. The quality and flavor of these "Crumpled Leaf" Cabbages is very superior; grown in fall and allowed to be touched by frost, they are sweet, delicate and most delicious.				
Perfection Drumhead Savoy. The largest heading Savoy; a general favorite for both private use and marketing.....	05	20	60	2 00



CARROTS

One ounce will sow 100 feet of drills; 3 pounds an acre

CULTURE.—A good, light, well-enriched sandy loam is the best for this crop. Market-gardeners sow in drills about 18 inches apart, and cultivate by hand. For field culture, sow in drills from 3 to 5 feet apart, so as to cultivate by horse. For early crops, over one-half inch deep, thin to 6 inches apart. For late, cover three-fourths of an inch.

Please remember to deduct 10 cts. per lb. from these prices if ordered by express or freight at purchaser's expense

PRICES, DELIVERED FREE IN THE UNITED STATES UNLESS OTHERWISE NOTED

	Pkt.	Oz.	1/4 lb.	1 lb.
Early Half-Long Scarlet. A distinct, slender, cylindrical variety, with few and small leaves, skin glossy and smooth; flesh red and without core; extra fine. Fine for forcing and frame...	\$0 05	\$0 10	\$0 30	\$0 00
Chantenay Half-Long Scarlet. A stump-rooted variety of handsome shape, medium early, very productive and of fine quality.....	05	10	30	00
Danvers Half-Long. A handsome, smooth, cylindrical stump-rooted variety of rich, dark orange color; flesh of close texture, good quality with but little core.....	10	15	40	1 25
Early French Forcing. The earliest, and largely grown for forcing. Small, almost globular; roots orange red in color.....	05	15	35	1 00
Early Scarlet Horn. A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching for market and is sometimes forced. A fine table Carrot, and when pulled young is excellent for soup.....	05	10	30	00
Long Red Altringham. A shapely stump-rooted variety of medium size and the best for private gardens, for summer use; medium early.....	05	10	30	00
Long Orange Improved. An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper....	05	10	30	00
Oxheart, or Guerande. Very distinct and desirable Carrot. Smooth, handsome, very thick and blunt-rooted; about 6 inches long, rapid grower and of fine quality; color orange-red; good all-season Carrot.....	05	10	30	00
White and Yellow Belgian. (See Field Carrots.).....	05	10	20	00

CAULIFLOWER

One ounce of seed will produce 1,000 plants and sow about 40 square feet

CULTURE.—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to the open ground as soon as danger of hard freezing is over; after plants are set, put a little shell lime around each plant. For late crop sow at same time as for late cabbage and treat in the same manner. After the heads begin to form, draw the leaves over and pin or tie them together to protect the heads. Our Cauliflower seed is produced by the most experienced growers in Europe, and the greatest care is taken to save seed from perfectly developed plants only.

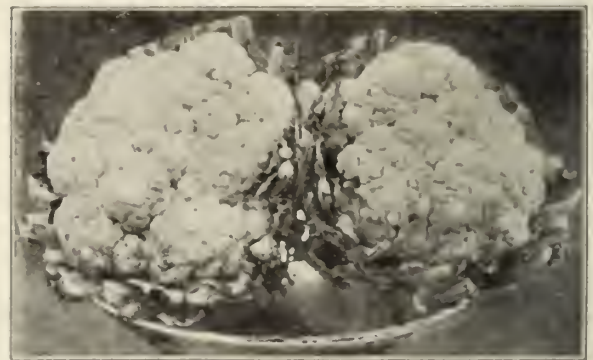
Deduct 10 cts. per lb. if seeds are ordered by express or freight at purchaser's expense

Danish Giant, or Dry Weather Cauliflower

Similar to Snowball in size, quality, etc., but matures about one week later and is a better drought- and heat-resister. It can invariably be depended on in producing large fine heads which bring the highest prices in the market Pkt. 20 cts., 1/4 oz. 90 cts., oz. \$3.50.

PRICES, DELIVERED FREE IN THE UNITED STATES UNLESS OTHERWISE NOTED

	Pkt.	Oz.	1/4 lb.
Holmes' Improved Early Snowball. Beyond question the best Cauliflower for either family or market-gardens, for early or late, for either forcing, coldframe or open-ground culture; its heads where others fail.....	\$0 20	\$3 00	\$10 00
Extra-Early Dwarf Erfurt. Until we produced Snowball this was considered the best early variety; plants dwarf and compact, forming good-sized heads; fine for open ground fall crop.....	10	1 75	6 00
Extra-Early Paris. Heads uniform, but quality and size inferior.....	05	80	2 75
Lenormand's Short Stem. A strong-growing variety for late fall use, producing large, fine heads; popular with canners.....	10	80	2 75
Veitch's Autumn Giant. A large growing late variety, succeeding better in southern climates than any other variety.....	05	60	2 00



Snowball Cauliflower

CELERIAC, or TURNIP-ROOTED CELERY

Produces large turnip-like roots which keep well for winter use; it is highly esteemed either cooked for flavoring soup or sliced and used as a salad

Large, Smooth Prague. A highly developed and larger form, almost round, uniform, smooth skinned and free from side roots. Pkt. 10c., oz. 50 cts., 1/4 lb. \$1

COLLARDS

Georgia. A tall, loose form of cabbage grown in the South as a substitute for cabbage. The leaves when cooked are tender and delicate. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1

CHICORY

Large-rooted, or Coffee. The roots when dried, roasted and ground are largely used as an adulterant or substitute for coffee. The young leaves are excellent when used as a salad. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1

CORN SALAD

Large-leaved Feticus, or Lamb's Lettuce. Hardy little plants, grown for late fall, winter and spring use. They form rosettes of tender edible leaves, which are used as a substitute for lettuce. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.

CELERY

One ounce will sow nine square yards and produce 4,000 plants

CULTURE.—Sow the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed-bed out-of-doors, in straight rows, so that the small plants may be kept free from weeds. See to it that the seed is not covered too deep, and that the bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. When about 2 inches high, thin out and transplant so that they may stand 3 inches apart, and when the plants are 4 inches high, cut off the tops, which will cause them to grow stocky.

The crop is usually made to succeed some earlier one, but in order to grow good Celery, the soil must be made as rich as possible, the essentials to success being very rich soil and plenty of water. If good plants are used, they may be set out as late as the middle of August, but the best results are usually obtained from setting about the middle of June or the first of July. The most desirable time will depend upon local climate, and is that which will bring plants to maturity, during cool, moist weather. In setting prepare broad, shallow trenches about 6 inches deep and 4 to 6 feet apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots.

When the plants are nearly full grown they should be "handled," which is done by one man gathering the leaves together, while the second draws the earth about the plant to one-third its height, taking care that none of the earth falls between the leaves, as it would be likely to cause them to rust or rot. After a few days draw more earth about them, and repeat the process every few days until only the tops of the leaves are visible. Or it may be blanched by pressing the leaves together with two wide boards held in place by stakes, or by wire hooks at the top. This is the method commonly used by market-gardeners, but Celery so blanched is more likely to become pithy than that blanched with earth. Care should be taken that the plants are not disturbed while they are wet or the ground is damp; to do so increases the liability to injury from rust. A part of the crop may be simply "handled," and then at the approach of severe freezing weather taken up and set out compactly in a dark cellar or an unused coldframe, which can be kept just above the freezing point, and it will then gradually blanch so that it may be used throughout the winter. Should the plants begin to wilt, water the roots without wetting the stalks or leaves and they will revive again.

Celery is sometimes grown by what is termed the new process, which consists in making a spot as rich as possible, and there setting the plants 6 to 8 inches apart each way. If the soil is very rich and there is an abundance of water, the plants will blanch each other and the product will be very white and handsome, but we think it is inferior in quality to that grown by the old method.

Please remember to deduct 10 cents per lb. from these prices if ordered by express or freight at purchaser's expense



New Celery, Snowwhite

New Celery, Snowwhite

BEAUTIFUL WHITE

The new Snowwhite is a pure white, self-blanching variety, introduced in 1902 after five years of careful selection and improvement. It is without a rival in purity of color. The originator says on this point: "In the season of 1900 I set 7,000 plants of Snowwhite and found seven green stalks; in 1901, 3,000 plants and only one green stalk, and, in 1902, 6,000 plants, and not a single stalk that was not pure white. It does well where others fail." Mr. E. J. Hollister, the noted Celery grower, and author of our book on Celery Growing, also says: "The pearly whiteness of the stalks of your Snowwhite Celery denotes good constitution, and, together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Our picture, made from a portion of a photograph of one dozen stalks, gives some idea of the beauty of this variety, but not of the size. The dozen stalks weighed 20 pounds. Single stalks sometimes weighed 2½ pounds, and quite frequently 2 pounds each. It grows solid on all kinds of soil and keeps better than many standard varieties. (See illustration.) Pkt. 10 cts., oz. 30 cts., ¼lb. 75 cts., lb. \$2.75.

PRICES, DELIVERED FREE IN THE UNITED STATES UNLESS OTHERWISE NOTED

EARLY SELF-BLANCHING VARIETIES

These grow quickly, blanch easily and are especially adapted for fall and early winter use.

	Pkt.	Oz.	¼lb.	Lb.
HOLMES' SELECTED WHITE PLUME. The earliest variety grown, and can be blanched for the table in September. It is a self-blanching variety, requiring no "banking-up," easily grown by any one; stalks and inner leaves white, crisp and delicious.....	\$0 05	\$0 25	\$0 75	\$2 25
Holmes' Scarlet Plume. Practically identical with White Plume, with the added merit of the solid, stringless, ivory-white stalks being tinged with pink, rendering it most beautiful. Flavor delicious, crisp and nutty; a strong, healthy, compact grower, self-blanching, early and a good keeper.....	05	20	70	2 25
IMPROVED GOLDEN SELF-BLANCHING. (Selected strain.) A valuable early variety, of compact, stocky habit, thick, solid and brittle. The large heart, thick stalks and inner leaves are of a beautiful golden yellow; flavor rich.....	10	40	1 00	3 50

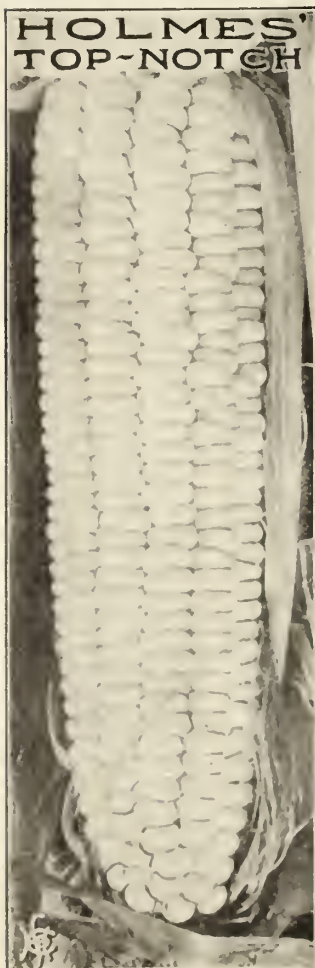
SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES

Winter Queen. The best late or winter keeper. Stouter, thicker, heavier and contains more heart than any other Celery. Ribs thick and very solid.....	05	25	75	2 50
Perfection Heartwell. Magnificent, large, golden-yellow heart; of very superior quality; excellent winter market sort.....	05	20	50	1 75
GIANT PASCAL. A desirable, long-keeping, green Winter Celery; robust, healthy, stocky; about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches easily to a pearly white, when it is crisp and of fine nutty flavor.....	05	20	70	2 25
Golden Dwarf. A popular standard variety with a large heart and solid cylindrical stalks, blanching waxy golden-yellow; crisp and fine, and a splendid keeper.....	05	25	75	2 50
Kalamazoo Large-ribbed. Half-dwarf white; grown largely in Michigan.....	05	15	50	1 50
Boston Market. Solid half-round green stalks, blanching white; crisp and tender; habit dwarf and robust.....	05	20	70	2 25
Giant White Solid. A long-stalked, large-growing variety, often 3 feet high and one of the best for growing in the South; excellent for soup greens.....	05	20	60	1 75
New Rose. A splendid variety for late use and an excellent keeper. The color is a beautiful shade of rose and, like all red Celeries, it is of exceptionally fine flavor; solid, crisp and stringless.....	05	20	60	1 75
Perle le Grand. A new, large, green Celery for early and late use; unparalleled by any of the other sorts.....	05	25	70	2 25
Evans' Triumph. A new, large, solid green variety; very large ribs.....	05	20	60	2 00
Monarch. Produces large stalks and magnificent bright golden-yellow hearts.....	10	30	1 00	3 75
Schumacher. Immense size; solid, crisp; firm golden-yellow heart; a fine keeper; very popular in New York..	05	25	50	1 75
Soup Celery. (Old seed.) Excellent for flavoring.....	05	05	15	50



Holmes' Premo Sweet Corn

MUST BE PLANTED AT THE SAME TIME AS THE ADAMS' EXTRA-EARLY, TO SECURE THE BEST RESULTS. THE EARLIEST AND BEST SWEET CORN IN EXISTENCE, EXCEPT HOLMES' DELICIOUS. NAMED AND INTRODUCED BY US IN 1900. THE BEST SEED CAN BE HAD ONLY FROM THE INTRODUCERS. MARKET-CARDENERS WILL MAKE NO MISTAKE IN PLANTING THIS CORN FOR A MARKET CROP; IT IS PAST THE EXPERIMENTAL PERIOD.



PREMO is of the best quality, the ears measuring 7 to 9 inches, and being well filled to the end, as is shown in the photograph.

HOLMES' PREMO,—World's Earliest Sweet Corn up to 1909,—not only combines all the merits of the early varieties, but it is also really superior to them all in size, quality and yield. It can be planted fully as early as the Adams, for the young plants withstand slight frosts, while the other varieties are tender, and the seed will not rot if planted before the soil becomes warm. The stalks grow about 5 feet high and generally bear two well developed ears to the stalk.

HOLMES' PREMO SWEET CORN is a distinct novelty of great merit, and one which will be hailed with delight by every farmer and gardener who desires an extra-good Sweet Corn for early market.

For years, seedsmen throughout the country have been searching for a really first-class Sweet Corn which would come in with Adam's Extra-Early. All such efforts were unsuccessful, however, until about six years ago, when we secured a small quantity of this new Corn, which, by actual tests, both on our own trial grounds, and with Mr. C. S. Clark, the noted Corn-grower, has proved earlier by a week than any other varieties.

PRICES FOR 1909: Pkt. 10 cts., pt. 25 cts., qt. 35 cts., by mail, postpaid; by freight or express, qt. 20 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$4.75

Holmes' Top-Notch Sweet Corn

DELICIOUS FLAVOR. EARS FROM 10 TO 12 INCHES LONG

For several years we have been growing this variety. The **Top-Notch** strongly favors the Early Mammoth Corn and is much longer in the ears. The one from which our illustration was made measured 11 inches, although Mr. Clark had a number of dried ears that he was saving us for seed, which measured 12 inches long. The grains are rather deep, and, as one gardener pronounces it, "the most delicious Corn, for a late variety, I ever used." It comes in about the same season as the Early Evergreen, and is the largest and best Sweet Corn grown. Any one desiring Sugar Corn producing ears of immense size, delicious flavor and earlier than the Evergreen, will do well to give the **Top-Notch** a trial. Fodder good and strong, standing up well against storms and heavy rains. It comes in at the time when Sweet Corn brings its best price.

Using Mr. Clark's words, when the writer visited him last winter, he states: "You have a Corn there which is going to take the place of a long-felt want."

We believe from the reports we have had this year, as given below, that this variety has come to stay, the same as Premo, which we introduced three years ago, and of which Messrs. A. W. Livingstone & Sons state in their letter: "This is one of the best varieties of this class that has ever been introduced, and you certainly have a good thing in the Premo."

PRICES FOR 1909: Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid. By freight or express, qt. 20 cts., pk. \$1.25, bus. \$4.50



HOLMES' DELICIOUS EARLY SWEET CORN AN ENTIRELY NEW AND DISTINCT VARIETY. READY FOR MARKET 55 DAYS FROM DATE OF PLANTING

Without exception the most delicious Early Corn grown. Fully equals our Premo in size—
 twelve rows to the cob and the first in the market

Read carefully. We have made it a rule never to introduce a novelty of Vegetables or Flowers that did not have merit and was fully up to our representation. We can truthfully say in placing this grand early Corn, **Holmes' Delicious**, in our list this year, that we do so knowing it will grow in public favor, same as our many other novelties which we have introduced, such as **Holmes' Premo Corn**, **Houser Cabbage**, etc. The mere fact that both these novelties are listed by the large majority of the best seed houses, not only in the United States but also in Germany and other parts of the world, substantiates our claims made in the past.

Claims of past Novelties. Nine years ago we introduced **Holmes' Premo Corn**, the earliest Corn at that time known, and offered in 1902 three hundred and fifty dollars (\$350) in cash to any one who could produce an earlier Corn with the same merits as those of the **Holmes' Premo**. We are proud to say this offer was never accepted by any one,—not even seedsmen of this country who claim an earlier variety; and although they list early Corn, the question has often come to our mind "if they had an earlier Corn why did they not come forward and claim our cash offer?" However, we have been yearly looking vigorously for a Corn earlier combining earliness and sweetness, and last year we succeeded in securing a few ears of a Corn which had been in one family for generations, as is given below. At first we were a little doubtful about this Corn being all that was represented, but, after planting, we find we have succeeded in securing a Corn not only earlier than the **Premo**, but much larger in circumference in the ear, and the grain being fully one-third larger. The illustration is exact size of an ear ready for market and a sectional view dried.

Limited stock. Having a limited stock we at first decided to wait another year before placing this variety on the market. But believing our efforts to introduce new novelties of vegetables would be fully appreciated, we decided this year to give each one of our customers a chance to try this valuable Corn in a very small way, by selling small packets only. Positively

Only three packets sold to one person. not more than three packets will be sold to a customer, as we have only one bushel of seed to put out this year and cannot use another grain of our stock seed, as we desire to grow a crop of it for next year, when the price of the seed will be low enough to permit all to plant for market or their private gardens should they be pleased with results obtained. We would like each and every one to give this truly delicious Corn a trial.

Give a trial. The private gardener is always on the lookout for something superior to anything he has had before. The **Holmes' Delicious** meets this requirement.

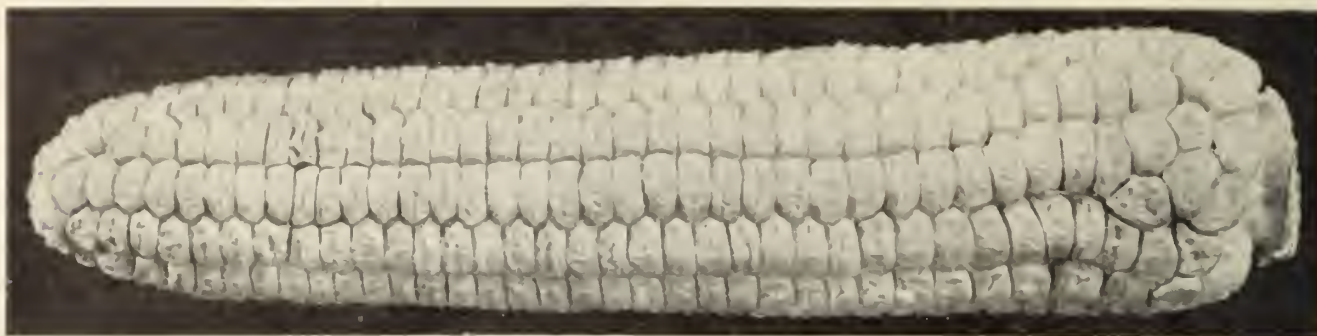
The market-gardener is also always on the lookout for something extremely early. This also meets his wants. The farmer, as well as the private and market-gardener, is just as eager to secure a good article, and to him we can truly say: the **Holmes' Delicious** meets his requirements. From personal observation of our crop this year we describe the Corn as follows:

Drought-proof. The stalks grow about 5 to 6 feet, and in the entire crop that we grew we found the ears to be free from smut. It evidently was a drought-proof Corn, as it did well through the entire dry season; it is extremely hardy and can be planted at the same time as **Premo**; each stalk bears from two to three well-developed ears. Now we took particular notice to this one fact, that each stalk had at least two ears that were marketable,—not as the usual growth of Corn,—that is, one small and one large ear, but both grew large and in many instances three well-developed ears were on the stalk. The following letter substantiates our claims for this **HOLMES' DELICIOUS EARLY SWEET CORN**:

Gentlemen: "Referring to the Corn obtained from me a year ago, would say my honest opinion is that it is the most delicious Corn I have ever eaten. It is very tender, juicy and sweet, and had a flavor most pleasing to the palate. It ranks far ahead of any of the varieties that have yet come before my notice. I have given this Corn to a great many of my friends, and they have all pronounced it superior to anything they have ever eaten. This Corn originated (as far as we know) with one Mr. DeHart, our next-door neighbor, about sixty years ago, and he gave us some of his seed Corn so that our own Corn and his would be alike, to prevent his from mixing—he thought so much of his prize that he never allowed any of the seed to fall into any other hands but his own and ours,—and during all these years of cultivation we have continued to improve this Corn through careful selection each and every year. We have been very particular to keep it pure, and we are very glad that you are the possessors of this truly delicious Corn."—WM. K. HARRIS.

My dear sirs: "Your favor of the 17th inst. duly received on my return to the city. Mr. Harris undoubtedly told you the exact truth about the Corn. I never saw its equal for quality and sweetness; the ears are not as large as some others, but fine goods come in small packages."—C. H. FAHNESTOCK, Cashier Fidelity Trust Co.

PRICES FOR 1909. Single packets containing seed enough for three (3) hills 25 cts., 3 pkts. for 50 cts. Positively only three packets sold to one customer. This Corn can be had this year only from ourselves, the introducers, and we claim the name given, **HOLMES' DELICIOUS EARLY SWEET CORN**.



Stowell's Evergreen Sweet Corn

SWEET, or SUGAR CORN

CULTURE.—Sugar Corn requires a good soil and a warm situation. Begin for first-early by planting the early varieties about May 1, and for a continuous supply all summer make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart, and make the hills about the same distance apart in the rows.

On varieties not quoted by mail, postpaid, add 5 cts. per pt., 10 cts. per qt., to prices quoted

White Evergreen Sweet Corn

A HIGH-BRED, IDEAL TYPE OF STOWELL'S EVERGREEN

This variety contains all the good points of merit of the original Stowell's Evergreen. The stalks are of strong, vigorous growth 6 to 7 feet high. The ears are very large and uniformly well-filled to the tip, as shown on illustration, and of a most delicious and sweet flavor. Market-gardeners and private planters can make no mistake whatever in using this variety. When in the green state, both cob and grains are pure white. **Pkt. 10 cts., pt. 25 cts., qt. 35 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.35, bus. \$5.**

One quart for 200 hills, 8 to 10 quarts in hills for an acre

FIRST-EARLY VARIETIES

Cory Early, Red Cob. The earliest and one of the best extra-early varieties grown; ears about 6 inches long with eight broad rows of white Corn; quality sweet and tender; the plants are stocky, usually bearing two ears to a stock.....

White Cob Cory. Extremely early, usually fit to use in from 50 to 60 days from sowing. Ears about 6 to 7 inches long, with milky white kernels; sweet, tender and delicious; plants dwarf.....

Early Metropolitan. Only two days later than Cory. Ears 9 inches long, 10- to 12-rowed and filled to the tip with luscious white and milky kernels; free from smut.....

Early Minnesota. A standard early variety of dwarf growth, coming in between Cory and Crosby's, ears of fair size and good quality.....

Early Adams, or Burlington. Robust, hardy, early and productive; never smuts; handsome ears for marketing, but of inferior quality.....

Extra-Early Dwarf Adams. Not sugar Corn; small ears.....

Kendel's Early Giant. Large, handsome ears; ready in 70 days.....

MEDIUM-EARLY VARIETIES

Crosby's Early. A second-early, popular variety, ears about 7 inches long and of fine quality.....

Perry's Hybrid. A popular second-early of stocky growth, 4 to 5 feet high, with usually two ears of good size set low on the stalk; ears filled with large white kernels, sweet and tender.....

Stabler's Early. Large eared second-early of handsome appearance and sweet flavor; valuable for family use, marketing or canning.....

Black Mexican. Medium early, bearing 8-inch ears, well filled with large kernels which, paradoxically, though black when ripe, are white when green and then exceptionally sweet.....

Early Sheffield. Extra-early, hardy; plant earlier than most sorts.....

New Early Evergreen. Ears as large as Stowell's, 10 days earlier.....

Early Fordhook. Choice extra-early, quality best.....

Shakers' Early. Very large, white grain, early and productive.....

Early Mammoth, or Asylum. Much earlier than Late Mammoth.....

Clark's Nonesuch. Best large eared second-early.....

LATE-, or MAIN-CROP VARIETIES

Country Gentleman (Shoe-Peg, or Ne Plus Ultra). Ears 8 to 9 in. long, cob small and irregularly crowded with pearly white kernels of great depth; quality surpassingly sweet and tender, productive.....

Henderson Sugar. An ideal mid season Sweet Corn, uniformly large, thick ears, averaging 12 inches long, compactly filled with deep kernels, tender and milky. Seven days earlier than Evergreen.....

Mammoth. Very late, producing ears 14 inches long, well filled with large broad white kernels of superb quality.....

Stowell's Evergreen. The standard late, for home, market and canning. Strong growing, bearing two very large ears to the stalk. Kernels long, tender and sugary, remaining long in the milk.....

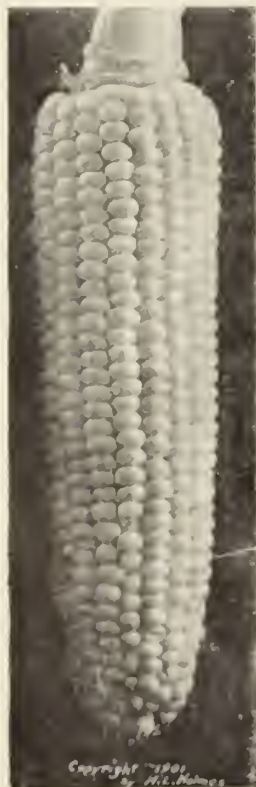
Zig-Zag Evergreen. Good sized ear, deliciously sweet.....

Egyptian, or Washington Market. Fine for market, ears large.....

Hickox. Earlier than Stowell's Evergreen, good for drying.....

Pop Corn, Field Corn and Fodder Corn. See Field Seeds.

	POSTPAID			BY FREIGHT OR EX.		
	Pkt.	Pt.	Qt.	Qt.	Pk.	Bus.
Cory Early, Red Cob.	\$0 10	\$0 20	\$0 30	\$0 20	\$1 00	\$3 75
White Cob Cory.	10	20	35	25	1 25	4 00
Early Metropolitan.	10	20	35	25	1 25	4 00
Early Minnesota.	10	20	30	25	1 25	4 00
Early Adams, or Burlington.	10	20	30	20	1 00	3 50
Extra-Early Dwarf Adams.	10	20	30	20	1 00	3 50
Kendel's Early Giant.	10	25	35	25	1 25	4 25
Crosby's Early.	10	20	30	20	1 10	4 00
Perry's Hybrid.	10	20	30	20	1 00	3 50
Stabler's Early.	10	20	30	20	1 10	4 00
Black Mexican.	10	20	30	20	1 10	4 00
Early Sheffield.	10	25	35	25	1 25	4 25
New Early Evergreen.	10	25	35	25	1 25	4 00
Early Fordhook.	10	25	35	25	1 25	4 50
Shakers' Early.	10	20	30	20	1 25	4 25
Early Mammoth, or Asylum.	10	20	30	20	1 25	4 50
Clark's Nonesuch.	10	20	30	20	1 00	4 00
Country Gentleman (Shoe-Peg, or Ne Plus Ultra).	10	25	35	25	1 25	4 75
Henderson Sugar.	10	20	30	20	1 25	4 25
Mammoth.	10	20	35	20	1 25	4 50
Stowell's Evergreen.	10	20	35	20	1 25	4 25
Zig-Zag Evergreen.	10	25	35	25	1 25	4 25
Egyptian, or Washington Market.	10	20	30	20	1 25	4 00
Hickox.	10	20	30	20	1 25	4 00



White Evergreen

CUCUMBERS

One ounce will plant about 50 hills; one to two pounds to the acre

CULTURE.—To obtain early Cucumbers, and at the same time avoid most of the annoyance of the striped bug, it is a good plan to plant the seeds about the first of May in frames, without much bottom heat. Small sods, turned over, may be placed close together in the frames, and upon these the seeds may be planted; or small pots may be plunged into the soil in the frame, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Set without disturbing the plants, each piece of sod into hills made 3 or 4 feet apart each way. If transplanted in the evening, and one watering given, the plants will not droop. When the plants have become well started, thin out, leaving four of the strongest in each hill. Pick all Cucumbers when large enough for use, whether needed or not, for if left on the vine to ripen they will cease to be productive. The seeds may be planted in the hills late in May, making the crop somewhat later. Use dry plaster or an infusion of powdered white hellebore in water to destroy the striped bug. For pickles, plant during the last two weeks in June.

The Davis Perfect Cucumber

UNEQUALED FOR QUALITY, SHAPE, COLOR, PRODUCTIVENESS AND SHIPPING QUALITIES

Mr. Davis, the originator of this Cucumber, describes it as follows: As a forcing Cucumber the Davis Perfect has no equal, its excellent eating qualities, shape and productiveness place it without a rival. To obtain the best results for forcing under glass, the plants should not be so close together as other forcing strains. It is a very fast grower, and if planted too close will not do as well. Mr. Davis places his plants about 5 feet apart. As a Cucumber for growing outside it has proven to be a big money-maker. Hundreds of bushels of the outdoor product were shipped to Chicago and other markets the past season, which sold for hothouse Cucumbers. A large commission merchant who handled the Davis Perfect could sell no other Cucumbers while he had these to offer. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.**



The Davis Perfect Cucumber

Holmes' Improved Arlington White Spine

More largely grown than any other variety for both market use and pickling. Comes early and is very productive; the fruit is of good size, straight and well formed, full at both ends; skin a deep green, holding color until maturity. The first fruit on the vines is unusually even in form and size. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.25.**

Holmes' Perfect Jersey Pickle

We have been developing this strain for a number of years and now have the finest pickling strain grown anywhere. It is more prolific in producing dark green pickles 2 to 5 inches long than any other we ever tested. The vines are strong, hardy, prolific growers, yielding a large supply of fruits. The skin of the fruits is free from any toughness; allowed to grow to full size, they retain their dark green color and are excellent for slicing. **Pkt. 5c., oz. 15c., ¼lb. 35c., lb. \$1.25, by mail, postpaid.**

Holmes' Selection of Cucumbers

FOR PLANTING THE ENTIRE SEASON

The three following varieties will produce Cucumbers the entire season:

Holmes' Improved White Spine (very early).
Holmes' Perfected Jersey Pickle (the best for pickling).

Holmes' Improved Long Green (the best late).
One pkt. sent of the three varieties for 10 cts. 1 oz. of each of the three varieties for 25 cts., postpaid.



Holmes Improved Arlington White Spine Cucumber

PRICES, DELIVERED FREE IN THE UNITED STATES UNLESS OTHERWISE NOTED

	Pkt.	Oz.	¼lb.	Lb.
Cool and Crisp. Extra-early, exceedingly prolific and bears the whole season; fruits straight, long, cylindrical, tapering at both ends; color very dark green. One of the best for slicing, attaining good size; tender and crisp and a grand pickler.....	\$0 05	\$0 15	\$0 35	\$1 25
Everbearing. Possesses the merit of flowering and fruiting on the same vine continuously until frost; form perfect, even when small; of rich deep green color; desirable for pickling.....	05	15	25	90
Extra-Early Green Prolific. Similar to, but an improvement on Green Prolific, and 10 to 14 days earlier; ideal for pickling.....	05	10	25	90
Early Cluster. An early, prolific, prickly short green variety.....	05	10	25	90
Green Prolific. Short green, productive pickling variety.....	05	10	25	90
Long Green. Dark green fruits 12 to 14 inches long; quality firm, crisp and excellent. It is the best variety for big yellow pickles.....	05	20	50	1 50
Nichol's Medium Green. Of medium size, straight and smooth; very productive; for pickling unsurpassed; for early forcing or slicing none is better.....	05	10	25	90
Coy's Early Cyclone. The earliest White Spine by three weeks. Wonderfully prolific.....	05	15	35	1 25
New Cumberland. Very prolific; fine for pickling or slicing.....	05	15	35	1 25
Hill's Forcing White Spine. An extra early improved strain.....	05	10	30	1 00
Livingston's Emerald. Large, smooth, deep green.....	05	15	30	1 25
Extra-Early Long Green. Very early and prolific.....	05	15	30	1 25
White Wonder. Small, smooth fruits; the best white Cucumber.....	05	15	30	1 25
Early Frame, or Short Green. For slicing or pickling; productive and early.....	05	10	25	90
West India Gherkin, or Burr. Small, prickly fruits; best for small pickles.....	05	20	40	1 75
Fordhook Famous. A type of the Extra Long White Spine. Is perfectly smooth and very dark green; fruits measure 12 to 18 inches.....	05	15	35	1 35
New Century. A variety grown around St. Louis, where it is very popular with market gardeners; fruits smooth, rich dark green color.....	10	20	35	1 35



Black Beauty Eggplant



Monstrous Carentan Leek

KALE, or BORECOLE

One ounce of seed will sow a drill of about 200 feet

The Kales are more hardy than cabbage, and will endure considerable frost without injury. When cut frozen they should be immediately placed in cold water. They do not form heads like cabbage, but an abundance of pretty curly leaves. Cultivate like cabbage.

Dwarf Green Curled Scotch. Dwarf; beautifully curled, bright green; very hardy. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 80 cts.

Holmes' Improved Dwarf German. (American-grown.) Like the above except in color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

LEEKs

One ounce will sow a drill of about 100 feet

CULTURE. Sow as early in spring as practicable, in drills an inch deep and a foot apart. When 6 or 8 inches high, plants may be set in rows 10 inches apart each way, as deep as possible. The ground can hardly be too rich.

Monstrous Carentan, or Scotch Champion. Grows rapidly and is very hardy. The edible stem is 6 to 8 inches long and 3 inches in diameter. Pkt. 5 cts., oz. 20 cts., ¼ lb. 35 cts., lb. \$1.75.

Broad London Flag. Hardy, of good quality; the whole plant is edible. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.15.

Deduct 10 cts. per lb. from these prices if ordered by freight or express

CRESS

Fine Curled (Pepper Grass) Very quick growing; leaves finely cut, dwarf, compact, ornamental, crisp, pungent, refreshing. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts., postpaid.

Water Cress. Highly esteemed as a salad in spring and fall. Also used as a garnish for meats in winter. Seed may be started rapidly in pans or boxes of very moist earth, and the young plants transplanted to shallow water along the banks of ponds or running streams, where it will grow very rapidly. Pkt. 5 cts., oz. 10 cts., ¼ lb. \$1.25, lb. \$3.50.

DANDELION

Improved Large-leaved. Grown to furnish leaves for an early spring salad. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1.10, lb. \$4.

EGGPLANT One ounce produces about 1,000 plants

CULTURE.—Sow the seed in the hotbed or greenhouse about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20.

BLACK BEAUTY. An extra-early variety for all growers. The new Black Beauty, or Cherry Black, originated in south Jersey with a very prominent trucker, who has grown it for a number of years. It combines in itself many characteristics which are very valuable in this vegetable. In the first place it is very early, in fact the earliest good market variety. By this we mean it is the earliest variety that grows to a good size suitable for market purposes. Average weight, two to three pounds. It is dwarf-growing and bears its fruit close to the main stem. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.25, lb. \$4.

New York Improved Purple. An improved variety of Round Purple, of deeper color, larger size and finer quality. The plant is low, branching and spineless; the fruits are very large, perfectly formed, and produce eight to ten on a plant. At least two weeks earlier than the old sort. Pkt. 5 cts., oz. 30 cts., ¼ lb. \$1.10, lb. \$3.50.

ENDIVE One ounce of seed will sow 150 feet of drill

CULTURE.—For early use, sow in May, scattering the seed thinly in drills 10 inches apart, covering it lightly, and for succession every two or three weeks until midsummer.

HOLMES' WINTER GOLDEN HEART. New. Far superior to any variety listed, being a very fine and exceedingly hardy variety, producing large heads of finely curled, pure golden yellow leaves. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.25, postpaid.

Green Curled. Crisp, dark green leaves; the hardest. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.

White Curled. Leaves pale green. Does not require blanching to prepare for use. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.

Broad-Leaved Batavian. More productive than above. Forms large heads of broad, thick leaves. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.

HERBS. See page 37

KOHL-RABI (Turnip-rooted Cabbage)

One ounce will sow a drill of about 200 feet

CULTURE.—Set plants 8 inches apart in rows. For later use sow seed in drills and thin out.

Green, or White. Good for table and stock feeding. Pkt. 5 cts., oz. 15c., ¼ lb. 35 cts., lb. \$1.15.

Early White Vienna. Flesh white. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.

Early Purple Vienna. Rich purple. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.



Kohl-rabi



LETTUCE

Deduct 10 cts. per lb. from prices if ordered by express or freight at purchaser's expense

CULTURE.—For early crop, seed may be sown outdoors in September; transplant to coldframes as soon as large enough to handle, and winter over like early cabbage. Seed may be sown in well-protected frames in February, and in hotbeds in March, and by careful covering up at night will make fine plants by April for spring planting. For ordinary private use in summer months, the simplest way is to sow thinly in rows a foot apart early in spring, and thin plants to stand a foot apart. If sown every two or three weeks from April 15 to August 15, Lettuce may be had in perfection the whole season.

One ounce of seed will produce about 1,500 plants

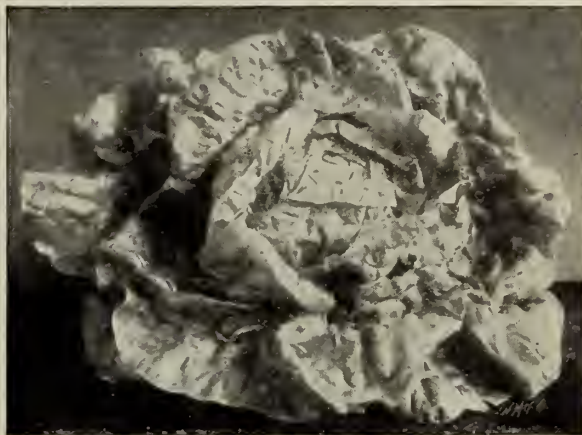
Holmes' Improved Grand Rapids Lettuce

A STRAIN OF OUR OWN SELECTION. FREE FROM ROGUES

In this we have the ideal of perfection, being free from the rogues found in almost every stock grown. This variety does not form heads. The plants make large, compact bunches of light, golden foliage, the leaves having finely curled or fringed edges. Its delicious quality and handsome appearance make it most popular in many markets during the winter. It is useful also for outdoor planting during the spring and fall. **Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1.25, postpaid.**

Giant Yellow Heart Cabbage Lettuce

Originated from the Giant Crystal Head Lettuce. This novelty is distinguished by the rich golden yellow color of the inside or heart, the outside leaves being dark green. Heads measuring up to 15 inches across. **Pkt. 10 cts., oz. 20 cts., 1/4 lb. 70 cts., lb. \$2.50.**



Holmes' Giant Yellow Heart Lettuce

HOLMES' COLLECTION OF HEAD LETTUCE

For Planting in Succession

The four varieties given below will produce supply of Lettuce from early spring until late fall.

Holmes' Boston Market. Very early. See page 20.

Holmes' Zero. Second-early. See page 20.

Holmes' Giant Crystal Head. For summer use. See page 20.

Big Boston. To follow for late. Page 20.

One packet sent of the four varieties **20 cts.**, one ounce of four varieties **60 cts. postpaid.**

DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

HEAD LETTUCES

	Pkt.	Oz.	1/4 lb.	Lb.
Black-seeded Butter. Forms good-sized, hard heads; extensively used as an early outdoor variety as well as for frame culture	\$0 05	\$0 15	\$0 35	\$1 00
Mammoth Black-seeded Butter. Similar, but larger than the above, enormous head, tender, sweet and crisp; good for all seasons, but particularly fine for late fall use.....	05	15	50	1 50
Yellow-seeded Butter. A distinct, large, dense yellow-headed sort, handsome, crisp, tender and of fine flavor.	05	15	35	1 00
Deacon. A large, firm-heading variety, for early summer or late fall use; light green outside, creamy yellow inside; fine buttery quality.....	05	15	40	1 25
Holmes' Rapid Forcing. One of the best first early head Lettuces for either open ground or frame culture and a good forcer; medium-sized, solid golden-yellow heads, crisp and tender	05	25	75	2 25
New York, Henderson's. The king of all summer Lettuces; immense heads, often 15 to 18 inches across, as solid as Cabbage; blanches beautifully; crisp, tender and delicious.....	05	15	40	1 25
Philadelphia White Cabbage. A large-heading summer variety, good for the South.....	05	15	40	1 25
Tennisball, Black-seeded. A hardy, extremely early, small, hard-heading variety. A favorite for growing in frames, hot-beds and greenhouses, as well as for early open-ground culture.....	05	15	40	1 25
Philadelphia Early Dutch Butter. Heads very compact; for forcing.....	05	15	35	1 25
Stonehead Golden Yellow. Solid, medium-sized heads.....	05	15	30	1 00
Philadelphia Dutch Speckled Butter. Fine, large heads of excellent quality	05	15	35	1 25
Thick Head Yellow. Extra fine, large summer variety.....	05	15	35	1 20
California Cream Butter. Produces large, solid heads in cool weather. Planted largely in southern markets and shipped north.....	05	15	40	1 25
Wonderful. One of the best for resisting heat. Extra large, with solid, pale green, tender heart; crisp and sweet; an excellent variety for market-gardeners.....	05	20	50	1 50
New Iceberg. Quick-growing; heads hard, handsome, tender and crisp. Leaves curly, bright light green, with slight reddish tint at the edges.....	05	15	30	1 00
New Sensation. Extremely popular; forms a solid head, even before half-grown	05	15	30	1 00
Hard-Head. Very solid, rapid grower; outer leaves tinged with brownish red	05	15	35	1 20
Denver Market. Large, solid heads; leaves crimped; good for forcing or outdoors.....	05	15	35	1 35
Defiance. Excellent summer variety; heads large and solid	05	15	35	1 20
Silver Ball. For spring and summer use. Solid, silvery white heads of rich flavor	05	15	35	1 25

CURLED, or CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically ever-bearing, as they keep growing after picking; the best of these are:

Early Curled Simpson. Forms a compact mass of yellowish green curly leaves; earlier than head Lettuces; largely grown in coldframes and the open ground	05	15	40	1 25
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Holmes' Improved Boston Market Lettuce

PRIVATE STOCK

For several years we have been working on this strain of the old Boston Market. Today we offer a strain superior to any we have ever seen grown. An ideal Lettuce for forcing; of fine quality, tender, sweet and crisp. We can recommend it as a selected strain, saved from plants started under glass. **Pkt. 5 cts., oz. 15 cts., 1/2 lb. 35 cts., 1 lb. \$1.**

New Cabbage Lettuce, Holmes' Giant Crystal Head

This excels by far every other variety in size, firmness, weight, productiveness, keeping qualities and marketable properties in general. It is quite early, producing marketable heads in seven weeks from date of planting. In habit of growth it resembles a large white cabbage variety, and its enormous productiveness is shown by the fact that one head fully equals three to five heads of other varieties. The heads remain crisp, fresh and delicious four to five weeks, in most cases producing no seed at all, careful slitting of the heads being necessary to obtain seed. Inside they are crystal white with a yellowish heart, of fine flavor, exceedingly crisp and tender. Our trial ground report shows that out of 36 varieties this was the last to go to seed. **Pkt. 5 cts., oz. 20 cts., 1/2 lb. 60 cts., 1 lb. \$2.**

Salamander Lettuce

A SPLENDID EARLY SUMMER VARIETY

Lettuces naturally thrive better during the cooler weather of spring and fall than in a torrid summer—the season really when such crisp, cooling salad is most enjoyable and in great demand; consequently there have been bred a number of heat-resisting or summer Lettuces

among which Salamander is the acknowledged leader. It forms good-sized, compact and tender heads, creamy white inside and of that desirable rich buttery flavor; outer color light green; it remains long in head without running to seed, and stands a great amount of heat without burning. **Pkt. 5 cts., oz. 20 cts., 1/2 lb. 50 cts., 1 lb. \$1.50.**



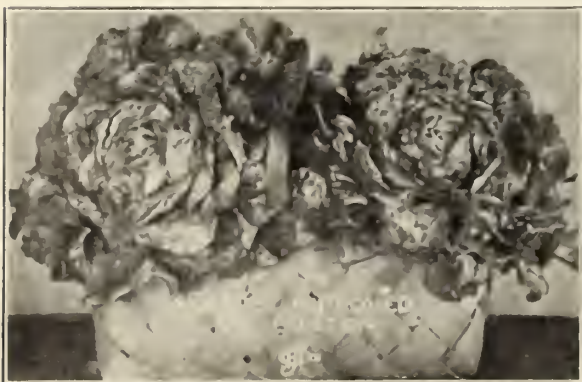
Holmes' Zero Lettuce

Holmes' Zero Lettuce

Exactly as hardy against the inclemencies of the winter weather as the winter Lettuce, Nansen, introduced a few years ago. This new variety produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Of great value for market gardeners. **Pkt. 10 cts., oz. 20 cts., 1/2 lb. 70 cts., 1 lb. \$2.50.**



Salamander Lettuce



Holmes' Improved Big Boston Lettuce

Holmes' Improved Big Boston Lettuce

A SELECTED STRAIN OF OUR OWN

We can unhesitatingly say that this new strain, which we have decided to call Holmes' Improved Big Boston, is as near perfection as could be desired in a Lettuce. It is bound to be a popular variety with those gardeners who want a large-heading forcing sort, and also for outdoor winter culture. The plants are large, very vigorous, with broad, comparatively smooth, thin and very hard leaves which are bright, light green in color. Indoors this forms a solid head. **Pkt. 5 cts., oz. 20 cts., 2 ozs. 35 cts., 1/2 lb. 50 cts., 1 lb. \$1.50.**

Improved Hanson Lettuce

Plant large, forming a large, flat head, resembling that of cabbage and so slow to form a seed stalk that it often fails to seed at all. Outer leaves bright green, with prominent, light colored veins; inner leaves white and usually curved and twisted at the base, very tender and sweet. A standard summer heading Lettuce. **Pkt. 5 cts., oz. 15c., 1/2 lb. 40c., 1 lb. \$1.25.**

MUSKMELONS One ounce for 60 hills ; 2 to 3 pounds in a hill for an acre

CULTURE.—Melons thrive best in a moderately enriched light soil; the hills should be from 3 to 6 feet apart each way, according to the richness of the soil. If soil is poor or sandy, plant at 4 feet. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May for latitude of Harrisburg (for south earlier, for further north later), and when well up thin out to three or four of the most promising plants to the hill.

Deduct 10 cts. per pound from prices quoted below if ordered by freight or express at purchaser's expense. Special prices on pound or more of seed

Paul Rose, or Petoskey

In this variety, which has already gained great popularity, are combined all the good qualities of the *Netted Gem* and *Osage*, from which it is a cross. It is finely netted like the *Gem*, and averages about the same size; flesh salmon-colored; will weigh at least one-third more than a *Netted Gem* of the same size. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., 1b. \$1.25.**

Long Island Beauty

Green flesh. This is a new variety of the *Hackensack* type. It was originated on Long Island. It is claimed for this variety that it is as early as *Extra-Early Hackensack* and is a much better melon; the flesh is thicker and sweeter. The netting is very heavy. Luscious. **Pkt. 5c., oz. 20c., ¼lb. 60c., 1b. \$2.25.**

Defender

A splendid variety. It is one of the very best yellow-fleshed sorts, and in some respects is far superior to any of this class. The medium-sized fruit is oval in shape, slightly ribbed, covered with gray netting; the flesh is firm, fine-grained, rich, deep yellow, darker than that of the *Osage*, and of higher flavor. We know of no yellow-fleshed sort so desirable for home or market-garden use. **Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., ¼lb. 40 cts., 1b. \$1.25.**

Extra-Early Hackensack

An improvement over the old *Hackensack*, or *Turk's Cap*, which it resembles, but is fully ten days earlier. The melons weigh from 4 to 10 pounds, and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardiest and most prolific of *Netted Muskmelons*. Fruit nearly round, deeply ribbed, and very coarsely netted. The flesh is green, of most delicious flavor. Our seed is from selected melons of our own growth and we think the *Extra-Early Hackensack* beats anything we have yet seen put on the market, and we recommend it to our patrons without any fear that it will not prove satisfactory. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., 1b. \$1.25.**

Netted Gem

This has become one of the most popular of small, or basket melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with fine netting. Flesh thick, green, very sweet and high-flavored. We offer an exceptionally fine stock of this early sort, fruit being very uniform in shape and quality. **Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., ¼lb. 35 cts., 1b. \$1.25.**

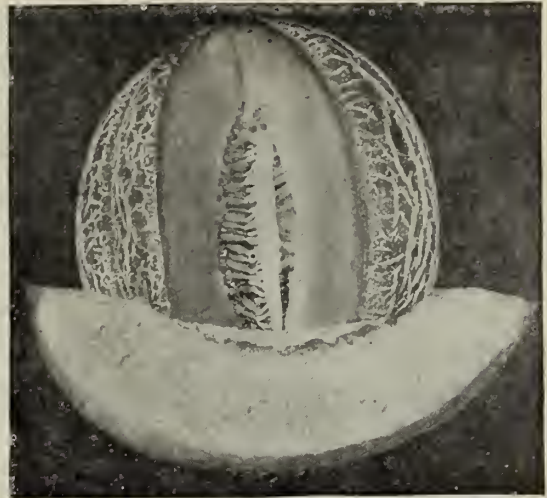
Emerald Gem

A splendid variety. Fruit small to medium-sized, globular, or slightly flattened at the ends, only slightly netted and ribbed. Skin deep green while young, becoming slightly tinged with yellow as the fruit matures; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high-flavored. This variety has steadily grown in popular favor, and in many large markets leads all other kinds, because of its sweetness and convenient size. **Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., 1b. \$2.25**

Rocky Ford

THE MELONS THAT MADE ROCKY FORD (COLORADO) FAMOUS

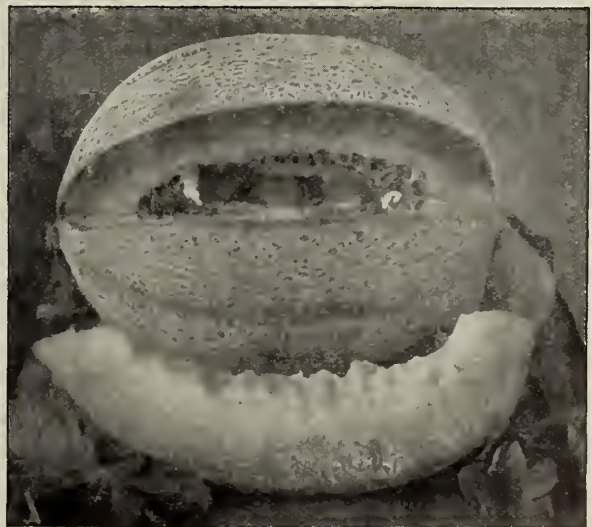
The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fruits during the entire season. It is safe to say that no melon has ever come into market which has sold so readily and at such high prices as the *Rocky Ford*. The ground-color of the skin is of a rich, greenish gold; the netting is very prominent and is light in color, which makes the outer appearance very attractive. The flesh is very deep, ripening clear to the rind, and it has an exceedingly small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character. The seed we offer was especially grown by a careful grower, and is the best type of the genuine *Rocky Ford Muskmelon*. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., 1b. 90 cts., by mail, postpaid.**



Paul Rose Muskmelon



Netted Gem Muskmelons



Rocky Ford Muskmelon

Burrell's Gem Muskmelon

THE ROCKY FORD MELON

We had Mr. Burrell, the introducer of the Burrell Gem Melon, send us a crate of these new Melons.

These photographs made of these Melons two days after their arrival prove the assertion of Mr. Burrell that they are one of the best keepers in existence. The illustration also portrays the very small seed cavity and the immense amount of meat contained in this Melon.

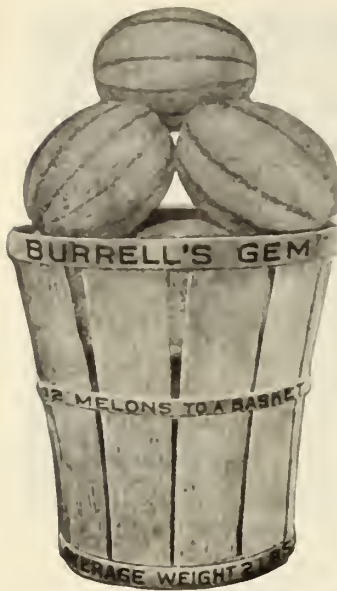
Out of the twelve Melons sent us not one weighed less than two pounds, some weighing two and a quarter pounds, and the twelve Melons filled a half-bushel basket as shown in the illustration.

Mr. Burrell writes us that this new Cantaloupe with golden yellow flesh, wherever placed on the market, sold for double the price of the Rocky Ford Cantaloupe. This Melon will ship twice as far as the old Rocky Ford Melon and retain its delicious flavor longer.

They are exceptionally fine in appearance, flavor and depth of meat. Mr. Burrell informs us that last season from twelve acres he sold \$6,000 worth of Melons.

When the Burrell Gem can be had, the Fred Harvey Eating Houses, dining cars, hotels, restaurants and grocers, use them in preference to all others. They are abundant yielders, single hills often yielding twenty to thirty Melons. The netting is similar to the thoroughbred strain of Rocky Ford, the color of the netting is a rich golden, the flavor a blend between the Rocky Ford Cantaloupe and Osage.

Price of seed direct from the originator—**Pkt. 10 cts., 3 pkts. for 25 cts., oz. 25 cts., ¼lb. 85 cts., ½lb. \$1.50, lb. \$2.50, by mail, postpaid.**



Showing Melons ready for market



With golden meat properly ripened, spicy and sweet, absolutely the finest melon ever introduced.

As they appear ready for the table

General List of Muskmelons

GREEN-FLESHED VARIETIES

	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	1 lb.
Hackensack, or Turk's Cap. About 10 days later than the above, and attains a very large size; round and flattened ends, thickly netted; productive; extra quality.....	\$0 05	\$0 10	\$0 25	\$0 90
Jenny Lind. Small, round flat fruits, deeply ribbed; flesh yellowish green and of unsurpassed flavor; very productive and bears for a long season.....	05	10	25	90
Montreal Market. A very large "green nutmeg" type almost round, heavily netted; thick, luscious flesh; late and especially adapted to cooler climates.....	05	15	35	1 25
Holmes' Improved Nutmeg. A popular old variety; skin deep green, finely netted; flesh greenish yellow, rich and sugary.....	05	15	35	1 00
Champlon Market, or Starn's Favorite. Large, globe-shaped, densely netted.....	05	10	35	1 00
Acme, or Baltimore. Early; oblong, pointed; light-green flesh. A fine shipper.....	05	10	25	85
Norfolk Button. (New). Very early; thick green flesh; fine for market.....	05	10	25	90
Bay View. Prolific; good size; oblong; green flesh; late.....	05	15	30	1 00
Anne Arundel. Oval, heavily netted, green-fleshed, firm, solid; an excellent shipper.....	05	10	25	80
Cosmopolitan. Handsome, round, netted but not ribbed; flesh green and sweet.....	05	10	25	75
New Green-Fleshed Osage. Superior in all respects to any other green-fleshed variety. It is very hardy and prolific, handsomely netted and colored, with firm, luscious flesh.....	05	15	35	1 25

RED OR SALMON-FLESHED VARIETIES

Miller's Cream, or Osage. Medium to large, slightly oval and handsomely netted; flesh rich salmon, deep, firm, sweet and melting.....	05	15	35	1 25
Tip-Top Nutmeg. Slightly oval; grows to good size; sweet, juicy; yellow flesh.....	05	15	40	1 50
Perfection, or Princess. Early; round, beautifully netted. The best red-fleshed sort.....	05	15	35	1 25
Klusman's Queen. Among the first to ripen and is very large for so early a melon. Round, with yellowish green skin; netted and slightly ribbed; deep salmon-color, tender and juicy. Very hardy, holding up well throughout the season.....	05	10	25	90
Banana. An old variety, very long..... Crop failed				

MUSTARD

Black or Brown. Large, succulent leaves, pleasantly pungent Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.
White London. The leaves are generally used while quite young in salads and for garnishing. Successive sowings furnish a continuous supply. Oz. 5 cts., ¼lb. 15 cts., lb. 40 cts.
Giant Southern Curled. A favorite in the South, where it is sown in the fall for spring salad. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

MUSHROOM SPAWN

Bricks only

English. The culture of Mushrooms is easy if you plant fresh and thoroughly reliable spawn. They can be grown in the cellar, in sheds, in hotbeds, or in the open air. English spawn is best. It comes in bricks weighing about a pound each. A single brick will plant a bed 2 x 6 feet. Special prices will be quoted on lots of more than one hundred pounds. By mail, postpaid, one brick, 25 cts. By express, 25 lbs. \$2 75, 50 lbs. \$5.

HOW WE SERVE OUR CUSTOMERS BY MAIL.

Years ago, only city people could buy direct from the seed store. Time has so revolutionized things that the farmer can buy as cheaply and secure the same quality as if he visited the city store. Even if you live a thousand miles away, your seed buying can be done more easily, and quite as satisfactorily.

This is because we give personal and careful attention to filling each order, as if the customer were a personal friend. If you are undecided as to the merits of a vegetable, you can leave it to our judgment, and we will send you a variety we know will give satisfaction.

WATERMELONS

One ounce will plant 50 hills; four to five pounds will plant an acre

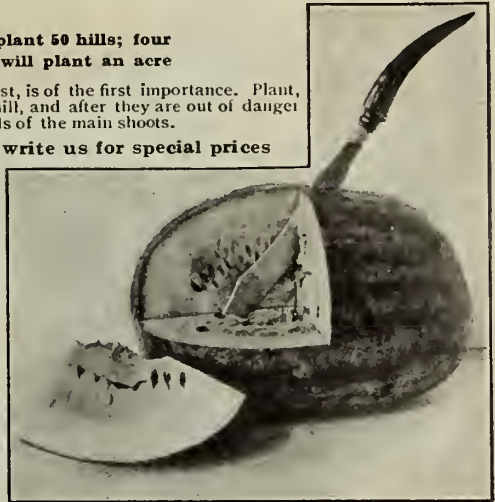
CULTURE.—A rich, deep, sandy loam, well worked and highly manured with old rotten compost, is of the first importance. Plant, when all danger of frost is over, in hills 5 or 6 feet apart each way. Scatter a dozen seeds to a hill, and after they are out of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots.

Those using larger quantities than one pound of Watermelon seeds should write us for special prices

Harris' Earliest Watermelon

SWEETEST, LARGEST AND BEST SHIPPING EARLY MELON

Harris' Earliest Watermelon was originated by crossing Kolb's Gem with Hungarian Honey, Cole's Early and a small Russian melon of the very finest flavor. The melon is oval to oblong, striped with green and gray; bright red flesh, sweet, tender and delicious. Very productive, often bearing fine melons from July until frost; weighs from 20 to 30 pounds. It bears shipment very well; early, handsome appearance and fine table qualities; always finds a ready sale at profitable prices. **Pkt. 10c., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50, by mail, postpaid.**



Harris' Earliest Watermelon

Sweetheart Watermelon

It has become very popular as a shipping melon, particularly in the south. Vine vigorously and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and very light green; rind thin but firm; flesh bright red, firm, solid, tender, melting and sweet. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts., postpaid.**

Ferry's Iceberg Watermelon IMPROVED STRAIN OF KOLB'S GEM

Shape, size and appearance, similar to the well-known Kolb's Gem, but is distinctly darker, and the skin where the melon rests on the ground, is rich yellow instead of white as in that variety; very firm, hard rind, quite as good a shipper as the Kolb's Gem; flesh is much deeper colored, extends nearer to the rind—tender and sweet. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.**

Mclver Sugar Watermelon

Large fruits and fine quality. Oblong in form, averaging 20 inches in length; skin beautifully marked with broad stripings of light green on dark ground. Flesh is of a pale pink color, very crisp, free from any stringiness, sweet and melting. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 75 cts., postpaid. By express or freight, Lb. 65 cts., 5 lbs. or more at 60 cts. per lb.**

Kleckley Sweets Watermelon

The finest melon yet introduced for home growing and table use. Vines are strong, vigorous, and the fruits grow to large size, 18 to 20 inches long and 12 inches in diameter. Skin is a rich, dark green; flesh bright scarlet, ripening close to the rind, which is but half an inch thick, so that shipping it long distances is not practicable. Crisp, sugary, melting and entirely free from stringiness. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

General List of Watermelons

Delivered free in the United States, unless otherwise noted. One ounce for 30 hills; 4 to 5 pounds in hills for an acre

	Pkt.	Oz.	¼lb.	Lb.
Fordhook Early. Very early; good size; medium green; red flesh.....	\$0 05	\$0 10	\$0 25	\$0 85
Jones' Jumbo. Round, large size; dark green skin; good quality	05	10	30	95
Dark Icing. Early, round, solid, with thin dark green skin; of superior quality	05	10	20	75
Light Icing, or Ice Rind. Round in form like the above; flesh of fine quality	05	10	20	75
Gray Monarch, or Long White Icing. Very large, long; crimson flesh.....	05	10	25	85
Black Boulder. Large, round; skin dark green; tough; red flesh; fine quality	05	10	25	85
Delaware. Oblong; striped; rind tough; delicious red flesh.....	05	10	25	85
Phinney's Early Oval. Mottled light green; large, oval, heavy; red flesh; fine shipper.....	05	10	20	75
Mammoth Ironclad. Long, striped; very large, late; red flesh; good shipper.....	05	10	25	85
Ice Cream, or Peerless. Very early; red flesh of fine quality; white seed.....	05	10	20	75
Cuban Queen. Early, solid, heavy; skin striped dark and light green.....	05	10	20	75
Dixie. Large; dark green; fine shipper; solid red flesh; popular South.....	05	10	20	75
Mountain Sweet. Old and reliable sort; flesh red; extra fine quality	05	10	20	75
Kolb Gem. Very large; flesh red; a good shipping sort; popular in the South.....	05	10	20	75
Florida Favorite. A superior strain; large oblong, striped; luscious; red flesh	05	10	25	85
Kentucky Wonder. Very large; dark green; light crimson flesh of good flavor.....	05	10	25	85
Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; bright red flesh.....	05	10	20	75
Red-seed Vaucuse (Kentucky Wonder). Medium size, oblong; rich red flesh	05	10	20	75
Colorado Preserving Citron. Green seed. Also called Apple Pie	05	10	25	75
Black Diamond. Large, round; skin dark green; tough; red flesh.....	05	10	25	85
Triumph. Crossed between Duke June and Kolb's Gem; dark green color and an excellent shipper.....	05	10	25	85

NASTURTIUM, or INDIAN CRESS

The seed-pods, gathered green, are delicious pickled and used for seasoning like capers.

Tall, or Large. Climber; 10 feet high, ornamental flowers, large seeds. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.

Dwarf. A trailer, requiring no support; smaller but more profuse. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.

OKRA, or GUMBO

White Velvet. Large, round, smooth pods; never ridged; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

Dwarf Prolific. Of dwarf, stocky growth; very early and prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 55 cts.

Lady Finger. Long, slender pale green pods, very tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.



CHOICE ONIONS Tested and of the Strongest Vitality The Finest Selected Strains

One ounce of seed will sow 100 feet of drill, five pounds will sow an acre

We pride ourselves on selling the very best Onion Seed that can be produced, and are now supplying some of the largest Onion-growers of the country. By sowing our seed, large Onions may be produced direct from the seed. See testimonials below.

CULTURE.—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart, or only a few small Onions will be the result. Manure lightly (20 loads to the acre being used by market gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 500 pounds per acre, will give splendid crops. A top-dressing of wood ashes, applied after the second weeding, is very beneficial.

The Onion Seed which I purchased from you was a surprise to me

MR. LAWRENCE WILSHACH, Harrisburg, Pa., says: "The Giant Gibraltar Onion Seed, purchased from you, has certainly been a surprise to me. From the quarter pound of seed purchased I have harvested bushels of magnificent large, fine Onions; in fact, as you know, I have been growing Onions for market for some time past and have always bought my seed from you, which has given entire satisfaction in every way, and I cannot refrain from saying that as long as you treat me right you will have the benefit of my trade."

The first time we ever succeeded in raising Onions from seed

MRS. CLARA A. MCCOY, Bald Eagle, Pa., says: "The seeds I received from you last season were of the best quality, as usual. Last summer was the first time we ever succeeded in raising Onions from seed. We had a fine bed of large Onions from the seed we purchased from you, and my neighbors who bought seeds from you last year report the finest tomatoes they ever raised, and they grow tomatoes in great quantities."

MRS. SOL. HILL, Lone Jay, Pa., says: "I have been using your seeds for the past three years, and find them to be the best I have ever handled. I have tried several seeds and have found none so good as Holmes', and I will deal with you the balance of the time that I am gardening."

MR. H. C. COCKLEY, Chambersburg, Pa., says: "This is my second order to you this spring. I have been looking through the different seed catalogues, but found that I could not do any better than to send to the Holmes Seed Company."

SOIL. A crop of Onions can be grown on any good soil which will produce a full crop of corn. We prefer a rich loam with a slight mixture of clay, manuring for two years previous, because if a sufficient quantity of manure to raise an ordinary soil to a proper degree of fertility is applied at once, it is likely to make the Onions soft. The same result will follow if we sow on rank, mucky ground.

MANURING. There is no crop in which a liberal use of manure is more essential than in this, and it should be of the best quality, well fermented and shoveled over at least twice during the previous summer to kill weed seeds. If rank, fresh manure is used, it is liable to result in soft bulbs with many scallions.

PREPARATION. Remove all refuse of previous crops in time to complete the work before the ground freezes up, and spread the composted manure evenly at the rate of about fifty cart loads to the acre. This should first be cultivated in, and then the ground plowed a moderate depth, taking a narrow furrow in order to thoroughly mix the manure with the soil.

SOWING THE SEED. This should be done as soon as the ground can be gotten ready, and can be done best by a hand seed-drill. This should be carefully adjusted to sow the desired quantity of seed about one-half inch deep. The quantity needed will vary with the soil, the seed used, and the kind of

Onions desired. Thin seeding gives much larger Onions than thick seeding. Four or five pounds per acre is the usual quantity needed to grow large Onions.

CULTIVATION. Give the Onions the first hoeing, just skimming the ground between the rows, as soon as they can be seen in the row. Hoe again in a few days, after which weeding must be begun. The weeder must work on his knees astride the row, stirring the earth to destroy any weeds that have just started. At this weeding, or the next, according to size of plants, the rows should be thinned, leaving from eight to twelve plants to the foot. In ten days or two weeks they will require another hoeing and weeding similar to the last. If the work has been thoroughly done at the proper time, the crop will not require further care until ready to gather.

GATHERING. As soon as the tops die and fall, the bulbs should be gathered into windrows. If the weather is fine they will need no attention while curing. Cut off the tops, when perfectly dry, about half an inch from the bulb.

It will not do to store Onions in large piles or masses, particularly in warm weather or if they are in the least moist, but if perfectly dry when gathered and they are spread not to exceed 2 feet in depth, they can be kept in fine condition till spring. Any arrangement will do that will keep them dry and at a uniform temperature of about 42° F., or they may be kept frozen, care being taken not to disturb them. They should be thawed gradually. Repeated freezing and thawing will spoil them.



Field of Onions going to seed on ranch where our seed is grown

Ohio Yellow Globe Onions

**UNIFORM IN SHAPE, ATTRACTIVE COLOR,
MILD FLAVOR**

Finest shape, best color and yields largest crop of any yellow Onion. The heaviest yields of Onions is always obtained from rich black lands. On such soils a globe-shaped Onion with a somewhat flattened base gives largest returns, bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange yellow color; enormous yielders and splendid keepers. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.**

Southport Red Globe Onions

The Southport Red Globe is of medium size, spherical, with small neck, very deep rich red color, and of superior quality. **Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25.**

White Globe Onions

Yield abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of mild flavor. Sometimes called Southport White Globe. **Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. \$3, postpaid.**

White Portugal or American Silver-Skin Onions

A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. \$2.75, postpaid.**

Round or Flat Yellow Danvers Onions

As grown by us, this is a fine selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market, ripening more surely in moist locations than do globe-shaped varieties, as well as earlier. It is becoming more popular also for growing Yellow Onion Sets. Our strain produces thin-necked flattened bulbs, which are quite thick through, yielding well in bulk. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.**

Large Red Wethersfield Onion

**A LEADING VARIETY PRODUCES ENORMOUS CROPS
SOLID, HEAVY AND PERFECT**

Large Red Wethersfield is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs. The cut gives an accurate idea of the shape. Our stock will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild, and it is an admirable Onion for boiling. **Pkt. 5 cts., oz. 15 cts., ¼lb., 60 cts., lb. \$2.**



Round or Flat Danvers Onions



Large Red Wethersfield Onions

American-Grown Prize-Taker

Onion

Grows Bulbs Weighing One Pound First Year From Seed
THE GRANDEST VARIETY GROWN

The Prize Taker Onion has now been several years on the market and is recognized as one of our best standard varieties. Rarely has any vegetable attained prominence more rapidly; it succeeds everywhere—East, West, North and South—and whether grown for home use or for marketing it gives universal satisfaction, yielding Onions often 14 inches around and at the rate of 1,200 to 1,500 bushels per acre—often much more under exceptionally good culture. Its immense size and mildness of flavor delight every one who raises it. Nothing short of actual knowledge of this variety will convey a really adequate idea of its great value, whether considered as a variety for commercial or private culture. Its immense size will recommend it to all, particularly when it is known that its keeping qualities are unexcelled. The exterior is pale yellow, and the interior clear sparkling white. It is easily grown, medium early in maturing; mild in flavor. By sowing early in a sheltered spot and transplanting the young plants, it can be grown to an immense size. **Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., 1 lb. \$2, 5 lbs. at \$1.85 per lb., postpaid.**

Mr. R. O. KISLER, Blain, Pa., says: "I bought Houser Cabbage Seed from you last year and must say it was fine. The Pepper Seed which you sent me on trial was very fine and produced abundantly large, fine-shaped Peppers; the nicest I ever had."



Prize-Taker Onion

General List of Onions

We pride ourselves on selling the very best Onion Seed that can be produced, and are now supplying some of the largest Onion-growers in the country. By sowing our seed, large Onions may be produced direct from the seed.

Extra-Early Flat Red. Remarkably early, of medium size, thriving in cool soils where others fail; a good keeper; shape uniform, round and flat, skin light red, flesh close-grained, white and mild; good for home gardens
Australian Brown. Medium size, almost round, rich brownish bronze skin; solid; good quality, grand keeper...
Yellow Strasburg, or Dutch. Grown extensively for sets. Skin yellow; flesh pure white, mild-flavored. 5 lbs. and over at \$1.85 per lb...

SOUTHPORT GLOBE VARIETIES

These are the handsomest and largest of the American Onions, of almost perfect globe shape, heavy, solid and fine-grained, big yielders and splendid keepers. Superior Connecticut-grown seed from perfect specimens.
Southport White Globe. Silvery-white skin; flesh firm, white and mild.....
Southport Yellow Globe. Thin, pale yellow skin; flesh white and mild.....

ITALIAN, BERMUDA AND PICKLING ONIONS

Adriatic Barletta. Very early; small, pure white with silver skin, flesh mild but firm; fine for pickling.....
Burpee's Gigante Gibraltar. While the ripened bulbs are similar to those of the Prize-Taker in size and form, it is even better adapted to growing in warm locations. Leaves are distinct from other varieties, being a deep green with a glossy surface, enabling it to withstand dry weather and the attacks of insect enemies. Fairly globular in form; thin skin of light straw color; flesh white, tender and mild.....

Silver King. White skinned, white-fleshed Onions, of flattened shape, growing to an immense size.....
Queen. A very early, small, flat, white and mild pickle Onion.....



Hollow-Crown Parsnips

Delivered free in the United States, unless otherwise noted

Pkt.	Oz.	1/4 lb.	1 lb.
\$0 05	\$0 15	\$0 50	\$1 75
05	15	40	1 25
05	20	60	2 00
10	30	75	2 75
05	20	60	2 25
05	20	60	2 00
10	25	75	2 50
05	20	75	2 25
05	20	60	2 25

ONION SETS

All Onions attain full size and maturity the same season from spring-sown seed, yet many people desire to plant out sets for earliest Onions for the table or to use green or for bunching. The price per bushel is subject to change with the market; write for quotations.

Yellow Onion Sets. Grown from our select strain of Yellow Danvers. Qt. 30 cts., postpaid, pk. \$1, bus. \$1.50, by freight or express.
White Onion Sets. Grown from our select strain of White Portugal. Qt. 35 cts., postpaid, pk. \$1.25, bus. \$1, by freight or express.

PARSNIPS

One ounce will sow 200 feet of drill; five to six pounds will sow an acre

CULTURE.—Sow early in spring, in drills 15 inches apart and half an inch deep, in a rich, deep soil, thin out to 6 inches apart in the rows.

Holmes' Hollow Crown Parsnip

This is a highly improved type, producing uniformly large and handsome roots of stocky form, heavy at the shoulder, well rounded, gradually tapering to the base. Flesh is white, of fine texture, free from core and stringiness, fine flavored; cooking tender, sweet and rich, one of the most of table vegetables for winter use. Roots may remain in the ground all winter, may be dug late in the fall and stored in sand or soil, so that they can be gotten at easily when the ground is frozen. Frost improves their quality. Recommended for both garden and field culture. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., 1 lb. 55 cts.**



PEPPER

One ounce will produce about 2,000 plants

CULTURE.—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or when all danger of frost is past, sow in open ground and thin.

New Chinese Giant Pepper

THE FINEST, LARGEST AND MILDEST PEPPER OF ALL GROWING TO THE ENORMOUS WEIGHT OF 18 OUNCES

Chinese Giant is certainly a wonder. The plants are of strong, stocky growth, of bushy, erect habit, growing 18 inches to 2 feet in height, with abundant foliage. The compact plants are very prolific, setting three to four extra-large fruits at the base quite early in the season, which ripen while a second crop is setting on the branches. The fruit is well shown in the illustration herewith, being quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. **Pkt. 10 cts., oz 40 cts., ¼lb. \$1.25, lb. \$4.**

Ruby King Pepper

A popular, large-fruited variety, very prolific and very early. The "Peppers" average 5 to 6 inches long by 9 to 10 inches in girth; color, glossy ruby-crimson when ripe; flesh thick, mild and sweet. **Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.25.**

New Ruby Giant Pepper

This beautiful Pepper is a cross between the Ruby King and the Chinese Giant. The Chinese Giant is the largest of all Peppers, but is rough and ungainly in shape; whereas, the New Ruby Giant, while quite as large round as the Chinese Giant, has the ideal shape of the Ruby King, being longer than the Chinese Giant, and much larger round than the Ruby King. Plants vigorous in growth. The flesh is mild and sweet as an apple, making a good salad sliced and served with tomatoes. **Pkt. 10 c., oz. 40 c., ¼lb. \$1.25, lb. \$4.25.**

Early Neapolitan Pepper THE EARLIEST PEPPER GROWN

Nearly two weeks earlier than any other large mild Pepper. Fruits may be gathered the last of June from seed sown early in spring. The first fruits average 4½ inches in circumference by 4 inches long—the later fruits growing a little larger; they are thick-meat and unusually mild and sweet. The flesh and skin are bright red. The plants are of sturdy, vigorous growth and remarkably productive, frequently carrying 30 to 40 handsome fruits. **Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.35, lb. \$4.75.**

General List of Peppers Delivered free in the United States, unless otherwise noted

	Pkt.	Oz.	¼lb.	Lb.
Golden Queen. Similar to "Bell, or Bull Nose," but of golden-yellow color; sweet and delicate flavor.....	\$0 05	\$0 25	\$0 75	\$2 40
Large Bell, or Bull Nose. Large, early, bright red, mild flavor; for pickling and "mangoes" when green.....	05	25	75	2 50
Long Red Cayenne. Late. Small, bright scarlet, cone-shaped, pungent pods, much used for pickling when green.	05	25	75	2 50
Red Cluster. Dwarf, compact, often bears 1,000 peppers. Small, thin, red pods borne upright in clusters.....	05	30	1 00	
Sweet Mountain, or Mammoth. Nearly the same as the "Bull Nose," though usually larger in size and of deeper shape; of very mild flavor: fine for "mangoes".....	05	25	65	2 25

PARSLEY

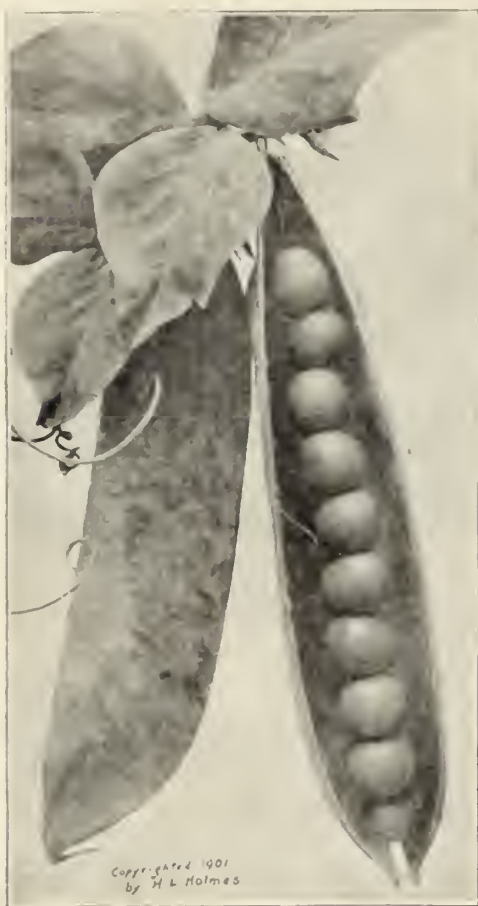
CULTURE.—Parsley is used for seasoning soups, meats, etc., for salads and garnishing, also for ornamental border for the flower garden; succeeds best in a rich, mellow soil. As seeds germinate very slowly, soak well in water for twenty-four hours. Three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring in rows 1 foot apart, sow thick and cover half an inch deep; finally thin to 5 or 6 inches apart or transplant and cut back frequently. For winter use protect in a frame or light cellar, or pot up a few plants and grow in the window.

Holmes' Ideal Parsley NEW, BEST STRAIN FOR MARKET-GARDENERS

In shape of leaf, color and taste this new variety is the ideal of perfection among all Parsley varieties. The leaves are ornamentally crimped; the growth is compressed, spreading and thick, so that the plant forms almost a half-globe. The plant is of very robust growth, and greatly improved by severe cutting. It stands heat, drought and cold better and will yield much better than any other of the numerous varieties of Parsley we have ever tried. **Pkt. 10 cts., oz. 20 cts., ¼lb. 40 cts., lb. \$1.25, by mail, postpaid.**

One ounce for 150 feet of drill

	Pkt.	Oz.	¼lb.	Lb.
Champion Moss Curled. Densely crimped and curled, dark green leaves; beautiful for garnishing; a very select and productive stock.....	\$0 05	\$0 10	\$0 25	\$0 75
Extra Curled Emerald. Distinct, handsome bright green, finely cut and very curled moss-like leaves. Plant of dwarf habit, productive and unsurpassed for either private use or marketing.....	05	10	25	80
Extra Double Curled. A popular fine dwarf.....	05	10	25	70
Plain. The leaves are not curled; plant very hardy.....	05	10	20	60
Hamburg, or Turnip-rooted. The fleshy roots of this kind resemble small parsnips and are esteemed for flavoring soups, stews, etc.	05	10	25	70



Gradus Pea (1/4 actual size; from photo)

the ordinary advancement of vegetables. The variety is an imported one, having been raised by Thomas Laxton, in England. The vine has very heavy stems, and produces uniformly large pods, measuring 4 to 4 1/2 inches long, nearly round, and well filled with eight to ten large, handsome peas. In regard to other attributes, Gradus has merit as a home Pea, because a picking of sufficient size may easily be made, the shelled peas bulk up well, and the process of shelling is very easily performed. In flavor and quality Gradus is of the highest "marrow" type, melting and sugary, retaining, when served, its bright, vivid green. A gentleman from another seedhouse stopped with the writer over night, and at the dinner-table remarked, as he ate the Gradus Pea, that he never tasted anything to compare with them, and had no idea they were so fine. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid; by freight or express, qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

Sutton's Excelsior

New. The great merit of this new Pea lies in the fact that in it we have an early dwarf wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any dwarf wrinkled Pea yet introduced. It is similar in habit of growth to Nott's Excelsior, which is one of the most popular dwarf wrinkled Peas. It takes the place in the Extra-Early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. It grows to a height of about 12 to 14 inches, showing a great abundance of its long, broad, straight pods of a pale green color. By mail, postpaid, 1/2 pt. 15 cts., pt. 30 cts., qt. 50 cts.; by freight or express, qt. 40 cts., 4 qts. \$1.25, pk. \$2, bus. \$6.50.

New Late Pea, Alderman

BE SURE TO GIVE THIS PEA A TRIAL

This fine Second Early wrinkled Pea has proven in our trials to be a very valuable acquisition, taking the place of the old Telephone and Duke of Albany; we predict for this Pea a place for it in every catalogue and one in the hands of the gardener the old Telephone will lose its identity entirely. The Alderman is a strong, robust grower. Vines, vigorous growing about 3 1/2 feet high, coarse, dark colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea growers. 1/2 pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid; by freight or express, qt. 35 cts., 4 qts. \$1, pk. \$1.85, bus. \$6.

PEAS

One quart will plant 100 feet of drill; 1 1/2 bus. for an acre

CULTURE.—When grown for market sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to variety. When grown in garden, sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extra early varieties as soon as the ground can be worked in February and March; continue for a succession every two weeks until June.

Holmes' Pedigree Extra-Early Peas

THE MOST PROLIFIC, EARLIEST AND EVEN STOCK IN CULTIVATION

By careful selection for a number of years we have developed this magnificent strain, which must not be classed with the extra-earlies listed in many catalogues under various names. Being grown in the far North and with the selection of the earliest and choicest vines, this strain has been so improved that it fully bears out our claim as the earliest, most prolific and even strain in existence, maturing so well together that sometimes a single picking will secure the entire crop. Vines vigorous and hardy, 2 to 2 1/2 feet high, bearing abundantly. Market gardeners, who cannot afford to go over the rows several times for small quantities of pods, will do well to give this new strain a trial. When this variety is planted exclusively, sowings should be made every week, to insure a constant supply of fresh young pods. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid; by freight or express, qt. 25 cts., pk. \$1.50, bus. \$5.50. Sacks free.

New Pea, Thomas Laxton

A new variety, producing large pods in abundance. Delicious, matures as early as the extra-early smooth Peas, being a wrinkled sort is much sweeter. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.

New Pea Gradus

EARLIEST LARGE-PODDED PEA EVER INTRODUCED

Also called Early Telephone

From trials made at our trial grounds we can truthfully say that the Gradus ranks with any early variety. By actual test the Alaska and Holmes' Market-Gardeners' Extra-Early, known as the earliest Peas, alongside the Gradus came in only three days ahead. In the Gradus, of which we give an illustration (1/4 actual size), we have one of those long strides of progress not often found in



Alderman

DO NOT OVERLOOK

the greatest Novelty ever introduced

HOLMES' DELICIOUS SWEET CORN

New Pea, Ameer

**CALLED IN THE SOUTH LARGE ALASKA
ONCE USED, ALWAYS USED**

Height 18 to 20 inches, habit dwarf, stocky and vigorous, color dark green. The most robust grower we know of, an imported variety which tested out in our trials better than any other sort of its class. This Pea comes in about the same time as the Thomas Laxton, not so large but twice as prolific, just the Pea for the market or private gardener. Give it a trial. $\frac{1}{2}$ pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid; by freight or express, qt. 35 cts., 4 qts. \$1, pk. \$1.85, bus. \$6.

New Pea, Holmes' Masterpiece

EXTRA-EARLY LARGE PODDED

For several years we have watched the growth of a Pea in our trials which bids fair to outrival the famous Gradus, or Prosperity. We can now say we believe this to be the finest and most prolific large-podded Pea ever introduced. It over-

comes the one great fault in the Gradus of being a poor bearer. As is shown by the photograph, the pods contain 8 to 10 perfectly formed peas, and are of such large size that they sell on sight at market. Gardeners can make no mistake in giving this grand new Pea a trial. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 50 cts., by mail, postpaid; by freight or express, qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.



New Dwarf Champion of England

**HEIGHT OF VINE 26 INCHES, 68 DAYS
FROM PLANTING**

Is a hardy, robust and vigorous grower of handsome green pods, and the quality is unsurpassed. For a reliable staple market variety we believe it will fill a long-needed want. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 25 cts., 4 qts. 75 cts., pk. \$1.25, bus. \$4.50.

The Holmes' Pea

**TRULY A WONDER IN PRODUCTIVENESS
THE HEAVIEST BEARER OF ANY THE
DWARF SORTS**

During our recent inspection the past summer of our Pea crops, we were shown a small patch containing about one-half an acre. Mr. Keeney, the noted Pea specialist, who was with us, remarked "how do you like this fellow?" On close examination we immediately saw truly a wonder, reaching down picked a few pods and on counting the peas found respectively 9, 10 and 11 fine large peas in each pod; thinking perhaps this was a chance pick, we started on a search for a small pod. After some time found one, but to our astonishment this one had 8 large peas in it. After several more attempts we gave it up, as we could not find anything with a less number. After considerable in-



vestigating to see if this pea had been offered or sold to any one else, Mr. Keeney reported that it was found in all other seedsmen's claims. We purchased the entire crop and offer it for the first time to the public in 1909, and can truthfully say we believe it to be the finest pea in its class. Prices for 1909: Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by express or freight, qt. 30 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.

Sugar Pea, Mammoth Luscious

THE LARGEST OF ALL SUGAR PEAS

This grand new variety will be of especial interest to all lovers of edible-podded Peas. Excels all others in size, productiveness and quality. Even to those who know how delicious and wholesome are Sugar Peas, cooked pods and all, a dish of these giant pods, sweet, sugary and melting, will be a delightful surprise. Vines averaging about 36 inches in height remain a long time in bearing, and when grown with brush or trellis, are strong and rank. The pods are gigantic in size, broad, sweet and tender, extremely fleshy and equal to the best snap beans for cooking pods and all. The dry peas, when ripe, are extra large and wrinkled. It is a decided improvement over the Melting Sugar Pea, being equally as early, much more productive and superior in quality. $\frac{1}{2}$ pt. 15 cts., pt. 30 cts., qt. 55 cts., by mail, prepaid; by freight or express, qt. 35 cts., 2 qts. 65 cts., 4 qts. \$1.15, pk. \$2, bus. \$7.



$\frac{1}{4}$ actual size

SOMETHING NO OTHER SEEDSMAN HAS EVER HAD before, a dried **GREEN LIMA BEAN**. See page 6 for full description. Also see illustration from nature, last page cover.

GENERAL LIST OF GARDEN PEAS

LIBERAL PACKETS OF ANY VARIETY OF PEAS, 10 CENTS EACH

1 quart to 100 feet of drill; 2 to 3 bushels for an acre. Those prefixed with a * are wrinkled varieties

	By mail postpaid		By Freight or Express		
	Pt.	Qt.	Qt.	Pk.	Bush.
DWARF EXTRA EARLY PEAS. Require no staking or brush					
* Amerlean Wonder. 10 to 12 inches. Extra early; of dwarf, compact growth, wrinkled; of the finest quality.	25	45	25	\$1 50	\$5 50
* Little Gem. 16 to 18 inches. A dwarf, green, wrinkled Pea, prolific and of excellent flavor. A few days later than above.	25	40	25	1 35	5 00
* Nott's Excelsior. 11 inches. A superior dwarf, wrinkled early; ready for the table in about 45 days; vigorous constitution and wonderfully productive; quality extra fine.	25	45	25	1 50	5 75
* Premium Gem. 15 inches. A fine dwarf Pea of the Little Gem type, on which it is a great improvement.	25	35	25	1 35	5 00
Tom Thumb. 8 inches. An old variety; very dwarf.	25	35	25	1 35	5 00
EXTRA EARLY PEAS OF MEDIUM HEIGHT					
Alaska. 2 feet. A wonderfully early, smooth, blue Pea; vines slender; pods very dark green, about 3 inches long, well filled with small, smooth, blue-green Peas. The earliness, uniformity in ripening and deep color render it a desirable market and canning Pea.	20	35	25	1 50	5 00
Daniel O'Rourke Improved, or Philadelphia Extra-Early. 3 feet. An old favorite extra-early, round, smooth Pea.	25	35	25	1 25	4 50
Holmes' Market-Gardeners' Extra-Early. 2 feet. A superior strain of the extra-early Peas, ripening even throughout the crop.	25	35	25	1 50	5 50
* New Surprise. (Eclipse). 2 feet. Earliest wrinkled variety.	25	35	25	1 35	5 00
SECOND, OR MEDIUM-EARLY PEAS					
* Advaneer. 2½ feet. A great favorite, and popularly known as the Dwarf Champion; green, wrinkled Peas of fine flavor.	25	40	25	1 25	4 75
* Abundance. 3 feet. A deservedly popular variety, branching from the bottom and bearing abundantly roundish pods 3 to 3½ inches long, well filled with 6 to 8 large wrinkled peas of excellent quality.	25	40	25	1 25	4 75
* Everbearing. 3 feet. A prolific and continuous-bearing Pea, giving it especial value for both summer and autumn use; pods 3 to 4 inches long, containing 6 to 8 large wrinkled peas, ½ inch in diameter.	25	40	25	1 25	4 75
* Horsford's Market-Garden. 2 feet. A grand wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with peas of sweet flavor.	25	40	25	1 35	4 75
Carter's Daisy, or Dwarf Telephone. Cross of Stratagem on Telephone. Very productive. Pods long and well filled.	25	45	35	1 75	5 75
* Shropshire Hero. 3 feet. A robust grower, producing abundantly long, handsome pods, well filled with large, wrinkled peas of exquisite flavor.	25	40	25	1 25	4 25
MAIN-CROP, OR LATER PEAS					
Long Island Mammoth, or Telegraph. 3½ feet. Large pods and peas.	25	40	25	1 25	4 50
Pride of the Market, Improved. 4½ feet. Large pods; popular for market.	25	40	25	1 50	5 50
* Yorkshire Hero. 3 feet. A spreading variety; very productive.	25	40	25	1 25	4 75
New Giant-Podded Marrow. 2 feet. The hardest large-podded Pea; can be used at all seasons; heavy cropper.	25	40	25	1 50	4 75
* Duke of Albany, or American Champion. 4½ feet. A grand, large-podded, wrinkled Pea, each pod containing from 9 to 12 immense peas; the largest of all varieties, while the quality is superlatively fine, tender, rich and sweet; very productive.	25	45	25	1 75	6 25
* Champion of England. 5 feet. A superior selection of this well-known favorite, noted for the rich, marrow-like quality of its immense, wrinkled peas.	25	40	25	1 25	4 50
* Juno. 2 feet. A dwarf main crop, green, wrinkled, marrow Pea, of superb flavor and vigorous constitution.	25	40	25	1 25	4 25
* Stratagem. 2 feet. A dwarf, blue, wrinkled Pea; a heavy cropper, producing large pods well filled with large marrow peas of excellent flavor.	25	40	25	1 75	6 00
* Telephone, Special Strain. 4½ feet. Strong-growing; exceedingly productive pods of largest size, containing 6 to 7 large, wrinkled marrow peas of rich, sugary flavor.	25	40	25	1 75	6 25
Black-Eyed Marrowfat. 5½ feet. An old favorite; prolific market Pea.	15	25	20	1 00	3 50
White Marrowfat. 5½ feet. Similar to above, but of better quality.	15	25	20	1 00	3 50
SUGAR, OR EDIBLE-PODDED PEAS					
The pods are cooked like string beans, if used when about half-grown they are deliciously tender and sweet.					
Melting Sugar. 5 feet. The mammoth variety producing abundantly immense brittle pods that "snap" without string; very sweet and tender.	25	40	25	1 50	5 50
* Dwarf Sugar. 1½ feet. Extra-fine quality; productive and early; 71 days from planting to first picking.	25	35	25	1 50	5 00
* Tall Gray Sugar. 4 feet. Immense pods; snap; 78 days.	25	35	25	1 50	5 00
Cow Peas and Field Peas. See Farm Seed Department.					

Holmes' All Seasons' Collection of Peas 4 BEST TALL BEST DWARF

Either Collection gives a continuous supply of delicious Peas throughout the summer

The varieties composing these collections have been selected as the best of the true and tried wrinkled Peas of superior quality for home use, including extra-early, medium, main-crop and late varieties, so that a continuous supply of luscious Peas can be had from the successively maturing sorts for several weeks.

Four Best Tall Peas

Gradus, for early
Telephone, for main crop.

Abundance, for medium.
Alderman, for late

Sutton's Excelsior, for early
Holmes, for main crop

Ameer, for medium
Juno, for late

½ pt. each of 4 sorts, enough for 75 feet of drill	\$0 45
1 pt. each of 4 sorts, enough for 150 feet of drill	85
1 qt. each of 4 sorts, enough for 300 feet of drill	1 45

State whether Tall or Dwarf is wanted

PUMPKINS

One ounce will plant 15 hills;
one pound for an acre

CULTURE.—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines.

Mammoth Golden Cashaw, or Crookneck Pumpkin

This splendid variety differs from the common white or cream-colored Cashaw in the outside skin, being of a rich golden orange color, and grows to a much larger size. In its early stages it is dark green, ripening to a warm, rich yellow color. The flesh is much thicker, sweeter and finer grained than in any other Pumpkin, and of a deep rich yellow color. For making pies this variety is superior, while for stock-feeding and keeping purposes it has no equal. **Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. 90 cts., 5 lbs., by express, \$4.**



Mammoth Golden Cashaw Pumpkin



Jumbo, or Mammoth Potiron Pumpkin

Jumbo, or Mammoth Potiron Pumpkin

ALSO CALLED KING OF THE MAMMOTHS

This now famous Pumpkin first came to our attention some years ago. The results have been astonishing. No other pumpkin ever introduced has reached such enormous weights, and been awarded as many prizes. Hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each. It frequently attains a diameter of over four feet. The flesh and skin are golden yellow, and, notwithstanding its enormous size, it makes a good table Pumpkin. **Pkt. 5 cts., oz. 20 cts., ¼lb. 40 cts., lb. \$1.50.**

DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

	Pkt.	Oz.	¼lb.	Lb.
Cheese. The most popular for pies and table use; large, flat-round; creamy yellow skin; thick, orange flesh of fine quality.....	\$0 05	\$0 10	\$0 20	\$0 60
Connecticut Field. A productive, large, orange-colored, field Pumpkin, usually grown for stock feeding, but it also makes good pies.....	05	10	15	40
Small Sugar. A handsome and productive small Pumpkin; 10 to 12 inches in diameter; round-flattened; skin orange, flesh deep yellow, fine-grained and very sweet.....	05	10	25	75
Winter Luxury. A superior pie Pumpkin, small, but enormously productive and an excellent keeper; shape rounding-oblong, about 10 inches in diameter; golden-russet, finely netted; flesh deep golden, sweet and tender.	05	10	25	85
Cashaw, or Crook Neck. The old standard and popular Crook Neck Cashaw.....	05	10	25	85
Improved Green Striped Cashaw. Improvement on White Cashaw, green and white striped; flesh rich yellow, solid, fine grained, very thick and sweet.....	05	10	25	85
Quaker Pie. Shape nearly oval. Cream-colored skin and flesh; fine quality.....	05	10	25	85
Tennessee Sweet Potato. Bell-shaped, white flesh, very thick and sweet.....	05	10	25	80
Japanese. Surpasses all others in flavor. Flesh thick, salmon-colored, fine-grained sweet.....	05	10	30	1 00

PURE NORTHERN-GROWN SEED POTATOES

Special Notice. This year Seed Potatoes are very scarce and **FIRST-CLASS** stock will be hard to get. Our stock will be the same as in former years—pure and of the finest selection.

HOLMES' IMPROVED EARLY OHIO. This grand strain of the old reliable Early Ohio is without doubt the earliest and most productive variety. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid; by express or freight, pk. 75 cts., bus. \$2, bbl. \$5.

IRISH COBLER. One of the best extra-early varieties. Very large, white and heavy cropper; of excellent quality. Earlier than the Ohio. Lb. 30 cts., 3 lbs. 60 cts., postpaid; freight or express, pk. 75 cts., bus. \$2, bbl. \$5.

EARLY BOVEE. Lb. 25 cts., 3 lbs. 60 cts., postpaid; freight or express, pk. 75 cts., bus. \$2, bbl. \$5.

VERMONT GOLD COIN. Excellent flavor; small shallow eyes, thin skin, fine-grained flesh; shape slightly oblong, rather broad and thick through. The strong-growing quality and exceptional productiveness make it the best Potato for general crop. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid; by express or freight, pk. 75 cts., bus. \$2, bbl. \$5.

NORTHERN-GROWN SEED POTATOES. Standard varieties of Seed Potatoes weigh 165 pounds to the barrel. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. All varieties listed below.

As these prices are made early, they are subject to change without notice

	Freight or Express		
	Pk.	Bus	Bbl.
Improved Early Rose. Pure and genuine.....	\$0 50	\$1 75	\$4 75
Maine Rose. The best variety of the rose type.....	50	1 75	4 75
Early Harvest. An unusually heavy yielder.....	50	1 75	4 75
Early Fortune. Is very productive.....	50	1 75	4 75
Quick Crop. Very early vigorous grower.....	50	1 75	4 75
Sir Walter Raleigh. New, valuable variety.....	50	1 60	4 50
Rural New-Yorker. The tubers are large.....	50	1 60	4 50
Carman No. 1. Finest second early Potato.....	50	1 60	4 50
Carman No. 3. Best late sort; yields heavily.....	50	1 60	4 50



RADISHES

One ounce will sow 100 feet of drill;
10 pounds in drills will sow an acre

CULTURE. Radishes delight in light, rich, mellow soil, and to be crisp and tender must make rapid growth. For very early use sow in a gentle hoibed in January and continue sowing every two weeks until September, in drills 10 inches apart, thinning plants to 2 inches apart in the row. Sow winter Radishes in midsummer, and take up before severe frosts and store in sand or earth in a cool cellar.

White Strasburg Summer Radish

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality, and remains tender longer than any other summer sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid; by express, lb. 75 cts., 5 lbs. \$3.

Early Scarlet Globe Radish

The roots of this variety are slightly olive-shaped, a rich, bright scarlet in color; flesh white and tender; fit to pull as early as Non Plus Ultra, but much larger when matured. We especially recommend this to gardeners whose market demand a large, first-early forcing Radish. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Felton's Model White Box Radish

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more Radishes in the same space under glass, in boxes or open ground. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid; 5 lbs. \$3.25, by express.

Early Long Scarlet Short Top Improved

This variety is a standard and excellent sort for private gardens or the market. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color, and continue crisp and tender until fully matured, when they are about six inches long. This is the variety grown so extensively in Petite Cote, Ontario, where the finest Radishes in America are produced. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Felton's White Box Radishes



Holmes' Royal Red Forcing Radishes

Holmes' Royal Red Forcing Radish

Best for forcing in- or outdoors, quick grower, makes Radishes in three weeks. Globe shaped, deep, red color; crisp and tender, tops small. The beautiful color and shape of this Radish makes it a very attractive table relish. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. 90 cts.

Early Scarlet Turnip White-Tipped Radish

Handsome; little later than White-Tipped Forcing—will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side, color very deep scarlet with a distinct white tip; flesh white and of the best quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

Early Scarlet Turnip White-Tipped Forcing, or Rosy Gem Radish

Beautiful variety, deep scarlet, white tip. As early as Non Plus Ultra, has small top, and may be planted as closely, more attractive; cannot fail to give satisfaction as a Forcing Radish. Sold as Rosy Gem, Rapid Forcing, etc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts.

Long White Mikado Radish

This new summer Radish differs from all other sorts at first sight by its pinnatifid foliage, and produces long, smooth, pure white roots with a delicious, mild flavor. The skin and flesh are pure white, in quality it is both brittle and sweet. It is a quick grower, a heavy cropper and an excellent keeper. The long white roots, measure from 12 to 18 inches in length. We are sure this fine new Radish will be much appreciated by many of our customers who have grown the White Chinese Radish, which met with such universal favor throughout the country in the past. It can be sown at any time during the season. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, postpaid.

Our stock of Radishes are French-grown; being sown in beds and transplanted, we are positive of having straight stocks



White Strasburg Summer Radishes

New White Icicle Radish

The Finest Flavored Quick-Growing Radish Now in Cultivation

Since listing this valuable German Radish and trials made, we can recommend it as the best long early white Radish. It received unanimous praise from our critical market-garden trade throughout the country, and we have no hesitancy in saying it is the finest long white forcing Radish known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its 3½ to 4-inch long, cylindrical roots within 22 days from date of sowing. We find that for successive planting Icicle succeeds as well in mid summer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. **Pkt. 10 cts., oz. 15 cts., ¼lb. 25 cts., lb. 75 cts., by mail, postpaid.**



Icicle Radish (From a photograph)

Crimson Giant Forcing Radish

FOR FORCING OR OPEN-GROUND CULTURE

A new Early Turnip Radish, double the size of any of the early turnip shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce per bulb, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkling white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright deep crimson color of the skin remains quite constant. Excellent for forcing and open-ground. **Pkt. 10c., oz. 15c., ¼lb. 35c., lb. \$1.25.**

White Chinese, or Celestial Radish

Never has a Winter Radish won so much favor, and indeed it is worthy of all the praise given it. Mr. Austin G. Rupp, Shiremantown, Pa., has been growing this variety for some years, and gets very high prices in market for the Radishes. So valuable did he consider it that for years he thought it policy not to tell his neighbors the name of the Radish. The true stock of this variety is stump-rooted, and although a Winter Radish, it can also be grown in late summer. The flesh is firm, solid and pure white. It keeps all winter in prime condition, and is of mild flavor. **Pkt. 5 cts., oz. 15 cts., ¼lb. 25 cts., lb. 75 cts.**

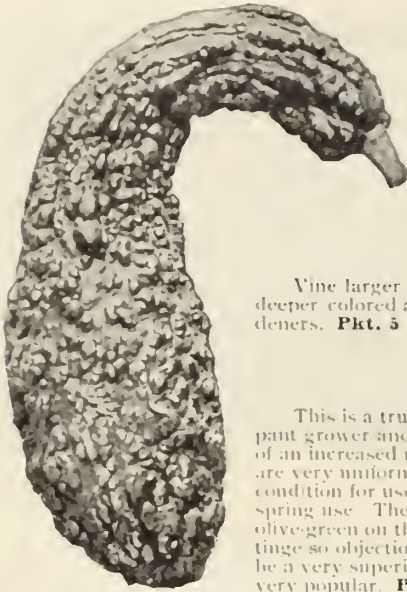
DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

	Pkt.	Oz.	¼lb.	Lb.
EARLY ROUND, or TURNIP-SHAPED				
Early Scarlet Turnip. The popular standard; medium; bright scarlet; rapid growth and of mild flavor.....	\$0 05	\$0 10	\$0 20	\$0 75
Early White Turnip. White skin and flesh waxy	05	10	20	75
White-Tipped Scarlet Turnip Forcing Rosy Gem. Early; matures in 23 days; skin of attractive rose-color; flesh sparkling white.....	05	10	30	80
Early Round Dark Red. Rich, dark red; medium and uniform in size; remains fit to use for a long time.....	05	10	25	75
Scarlet Button. Small, round, bright scarlet, with white tip	05	10	25	75
Prussian Globe. Fine for forcing or open ground	05	10	25	85
Golden Globe. Golden yellow; best for summer	05	10	25	75
Vick's Scarlet Globe. Rich scarlet; stands heat; quick growth	05	10	25	85
EARLY OLIVE AND OVAL-SHAPED				
French Breakfast. Oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing...	05	10	25	75
Surprise. Earliest yellow; fine for early or summer.....	05	10	25	85
Scarlet, Olive-Shaped. Half-long, oval-shaped, maturing in 25 days; bright scarlet; flesh white.....	05	10	25	75
White, Olive-Shaped. Similar to the above in shape, size and maturity.....	05	10	25	75
Yellow, Oval-Shaped. A second-early; skin golden-yellow; tender.....	05	10	25	75
Holmes' Dainty Forcing. Three weeks; sweet, tender and crisp.....	05	10	25	75
EARLY LONG				
Long Brightest Scarlet. Vivid scarlet, tipped with white; early, maturing in 25 days; always of mild flavor....	05	10	20	70
Wood's Early Frame. A favorite for frame culture.....	05	10	20	70
Long White Vienna, or Lady Finger. Mild and tender	05	10	20	70
Pearl Forcing. Skin pure white; very early.....	10	15	30	85
Cincinnati Market, or Glass. Long scarlet; straight, small top	05	10	20	70
SUMMER AND AUTUMN				
Giant White Stuttgart. Turnip-shaped summer Radish, tender and mild	05	10	20	60
White Summer Turnip. A flat-round, early summer Radish	05	10	25	70
Chartier. A summer Radish, long, large and handsome; flesh white and delicious, remaining long in good condition.	05	10	20	70
Half-Long Deep Scarlet, or Paris Beauty. Bright, crisp flesh.....	05	10	20	70
WINTER				
California Mammoth White. A favorite, large, white winter Radish, often growing 6 to 8 inches long and from 2 to 2½ inches in diameter.....	05	10	25	70
Rose China Winter. Skin rosy-red; flesh white and firm	05	10	25	65
Long Black Spanish. A leading winter variety; one of the best keepers	05	10	25	65

RHUBARB (Pie Plant). Spring-sown seed produces plants of good size to pull from the following spring; planting roots saves one year.

Victoria. A very large, thick, red-stalked late variety of fine quality. Pkt. 5c., oz. 20c., ¼lb. 40c., lb. \$1.25.

RHUBARB ROOTS. We can also supply young roots of above variety, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. Two roots for 30 cts., four roots for 50 cts., by mail, postpaid. Larger untrimmed roots will be sent by express at purchaser's expense. Prices in quantity will be quoted upon application.



Golden Summer Crookneck 90 cts., postpaid.

Improved Hubbard Squash

This is a superior variety, and one of the best winter Squashes. flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored; keeps well through the winter; boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the sweet potato. Our stock is most carefully selected with regard to quality of the flesh, and color and warty-ness of the shell, but the latter peculiarities are largely determined by the seeds in which the Squashes are raised. We have compared our stock with that sold as Chicago or Warty Hubbard and have found it much superior. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 25 cts., lb. 75 cts., postpaid.

Mammoth Summer Crookneck Squash

Vine larger and stronger growing than the Summer Crookneck and producing fruit fully twice as large, deeper colored and with rough surface. Its large size and attractive color make it a favorite with market-gardeners. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 25 cts., lb. 90 cts., postpaid.

Golden Hubbard Squash

This is a true Hubbard Squash, except in color, which is a bright red. The vine is a vigorous but not rampant grower and wonderfully productive, expending the energy derived from liberal fertilizing in the production of an increased number rather than of overgrown and coarse fruits as some varieties are apt to do. The fruits are very uniform in size, weighing from six to eight pounds, and in shape are like the Hubbard; although in condition for use much earlier, they are wonderfully long keepers and can be held over in good condition for spring use. The shell is warty, hard and strong and of a very beautiful orange red color, except for a bit of olive-green on the blossom end. The flesh is a deep orange and uniformly so to the shell, never having the green tinge so objectionable in the older sort. It cooks very dry, fine-grained and good flavored. We believe this to be a very superior table variety; certainly it has become very popular. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 30 cts., lb. 90 cts., postpaid.

Mammoth White Bush Scallop Squash

Many seedsmen have listed Mammoth White Bush Scallop Squash, but until we sent out our stock in 1895, there was no uniformly large, clear white, scalloped Squash in trade. The fruit is a beautiful, clear waxy white instead of the yellowish white so often seen in the old Early White Bush Scallop Squash, and is superior to that variety in size and beauty; The handsomest of the scalloped Squashes. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 25 cts., lb. 75 cts., postpaid.

Boston Marrow Squash

A fall and winter variety; large size, oval form; skin thin; when ripe, bright orange, with a netting of light cream-color, flesh rich salmon-yellow; fine-grained and of excellent flavor, but not as dry as the Hubbard. We have an unusually good stock of this sort. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 25 cts., lb. 75 cts., postpaid.



Improved Hubbard Squash

DELIVERED FREE IN THE UNITED STATES UNLESS OTHERWISE NOTED

Bush varieties, 1 oz. for 50 hills, 5 to 6 lbs. per acre; running varieties, 3 to 4 lbs. in hills per acre. Those marked with a * are bush varieties, others are running sorts

	Pkt	Oz.	1/2 lb.	1 lb.
*Yellow Summer Crookneck. A bush variety, early and prolific; surface deep yellow, densely warted; quality and flavor good.....	\$0 05	\$0 10	\$0 30	\$0 75
Long Island Mammoth Scalloped Bush. Early and productive.....	05	15	40	1 25
Golden Custard, or Yellow Bush-Cymlin. A mammoth golden, scalloped bush Squash, often 1 foot in diameter—wonderfully productive and of extra quality.....	05	15	35	90
Fordhook. Early, sweet and dry; a good summer variety; oblong.....	05	15	40	1 40
AUTUMN AND WINTER				
Delicious (Gregory). This is the result of years of selection, primarily for quality. The introducer claims that it exceeds any in flavor, which we fully endorse after a table test.....	10	15	50	1 50
Large-Warted Hubbard. A new strain of larger size, increased productiveness, and a hard, green, warty shell, rendering it the best keeper of all.....	05	15	40	1 25
Mammoth Chili. The largest of all Squashes, often weighing 200 lbs. or over; flesh rich and fine flavored.....	05	20	50	1 75

SALSIFY (VEGETABLE OYSTER)

One ounce for 75 feet of drill

CULTURE.—It succeeds best in a light, well-enriched soil, which should be stirred to a good depth. Cowse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow early and quite deep, giving the general culture recommended for parsnips. The roots are perfectly hardy and may remain out all winter, but should be dug early in the spring, as they deteriorate rapidly after growth commences. Store a quantity for winter use in a pit, or in a cellar, packed in damp earth or sand.

The long, white, tapering root of Salsify when cooked forms a good substitute for oysters, having a very similar flavor.

Large White. The common variety; roots medium sized, smooth; flesh white. Pkt. 5 cts., oz. 10 cts., 2 ozs. 15 cts., 1/2 lb. 25 cts., lb. 90 cts.

Mammoth Sandwich Island. This is larger, stronger growing and less liable to branch than the Large White. It is an invaluable sort for market gardeners use. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 30 cts., lb. \$1.

SPINACH

CULTURE.—Plant in very rich ground. Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use, sow in August; for winter, in September. Cover with straw or leaves in winter. Varieties prefixed * may be sown in the fall for spring crop.

One ounce will sow 100 feet of drill; 10 lbs. will sow an acre

Round-Leaved. Well known sort, with thick, round, succulent leaves. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 15 cts., lb. 35 cts.

***Thick-Leaved.** Produces large, thick, bright green crumpled leaves. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 15 cts., lb. 40 cts.

Long Standing. An excellent compact variety; thick, fleshy, dark green leaves; remains a long time fit to use before going to seed. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 15 cts., lb. 35 cts.

Bloomsdale, or Norfolk Savoy. For fall planting; fleshy, curled and hardy. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 15 cts., lb. 35 cts.

Victoria. Very heavy broad deep green leaves, crumpled. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 15 cts., lb. 40 cts.

New Zealand. Produces leaves in abundance throughout the summer. Pkt. 5 cts., oz. 10 cts., 1/2 lb. 30 cts., lb. \$1.

TOMATOES

All our Tomato seeds are from seed stocks carefully selected
We challenge comparison of our stocks with any offered

CULTURE—Tomatoes do best on light, warm, not over-rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from six to eight weeks before they can be set out-of-doors, which is when danger from frost is past; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 or 5 inches apart; give plenty of air and endeavor to secure a vigorous, but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Even a slight check while the plants are small will materially diminish their productiveness. Set out-of-doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color. Transplant carefully and cultivate well as long as the vines will permit. The fruit will be better in quality if the vines are tied to trellis or stakes.

1 oz. for 1,500 plants; 1/4 lb. for an acre

Livingston's New Globe Tomato

THE LATEST INTRODUCTION

The fact that this is another new Tomato, originating with the Livingston's of world-wide Tomato fame, will be sufficient to warrant most growers of fine Tomatoes to give it a liberal trial. It is of beautiful globe shape, with quite a percentage of elongated (stem to blossom) fruits, which permits of a greater number of slices being taken than with flat sorts. Among the very first to ripen, although of large size, very smooth, firm-fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short-jointed, branching plants in great abundance—literally loaded with fruit. A good general cropper, and one of the very best for greenhouse growing or first-early crop on stakes or trellis. An entirely distinct and fixed new sort. Every grower of Livingston's New Globe, whether he grows for private or market purposes, will be pleased with the beautiful and attractive globe-shaped fruit. **Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.75.**



Livingston's Globe Tomato

Sparks' Earliana Tomato

THE EARLIEST LARGE SMOOTH RED TOMATOES

The introducer of this new Tomato says: Very early Tomatoes have of late years been such a profitable crop that almost every grower in Southern New Jersey boasts, with more or less justice, that he has the earliest Tomato. This Tomato is remarkable not only for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4,000 hills Mr. Sparks realized from his first pickings \$725 clear of freight and commissions. **Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.75.**



Livingston's Dwarf Stone Tomatoes

Matchless Tomato

VERY BEST LARGE-FRUITED BRIGHT RED TOMATO

The Matchless is worthy of its name; in beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of a strong, vigorous growth, well set with fruit; the foliage is very rich dark green in color. They are entirely free from core, of a rich cardinal-red color, and are not liable to crack from wet weather. The fruits are of the largest size, which size is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. Extra-large scarlet fruits, smooth, handsome and marketable. The flesh is so firm that ripe specimens picked from the vine will keep in good marketable condition for two weeks. **Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.**

Stone Tomato

This is the heaviest and most solid fruited of the large Tomatoes of good quality. Our stock is distinctively superior to most of that offered under this name, being more uniform, better colored and larger. Vines vigorous and productive. Fruit round, apple-shaped, very large, very deep red in color and astonishingly heavy. **Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.25.**

Livingston's Dwarf Stone Tomato

This new variety from Livingston, resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape and what is more remarkable for an erect sort, it is practically of same size. Ten fruits picked from one vine at same time weighed five pounds, three ounces. Five fruits selected by eye for average size weighed two pounds, nine ounces. This was under field cultivation on farm land, with no fertilizer. Specimens weighing one pound each are quite common. The New Dwarf Stone is fully double the size of dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. We consider this one of our best productions, one that will meet with general favor; especially will this be true with the class of growers whose gardening is limited to a few acres, and where economy in saving land must be taken into account. **Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.75, by mail, postpaid.**

Chalk's Early Jewel Tomato

LARGEST, SMOOTHEST, FINEST-FLAVORED EARLY TOMATO IN CULTIVATION

The fruits are uniformly large and thick through, very solid and of fine quality. The plants are very productive, and it is one of the best Tomatoes to grow for main-crop. Specimens will measure 3 1/2 inches across by nearly 3 inches in depth from stem to blossom end. Color brightest scarlet, ripening right up to the stem. The foliage is rather open, admitting the sunlight to the center of each plant, so that all the fruits are thoroughly ripened, leaves are dark green and not inclined to curl. Flesh is bright scarlet, very solid, with comparatively few seeds and of fine, sweet flavor—skin thin, but sufficiently strong to make it a good shipper. Pkt. 10 cts., oz. 35 cts., 1/4 lb. \$1, lb. \$3.75, postpaid.



Crine's June Pink Tomato

Crine's June Pink Tomato

An extra-early coming in with Earliana, from which it is a selection, differing chiefly in the outside color, which in Crine's June Pink is of the bright purplish pink known as "Acme Color" so much preferred in some sections to scarlet Tomatoes. The fruit of Crine's June Pink runs very uniform in shape and size, about 3 inches in diameter and almost round and is borne in clusters. The flesh is remarkably solid and contains but few seeds. It is finely flavored and free from acidity. Although an extra-early, the plants continue to grow and fruit fairly well through the season. Pkt. 10c., oz. 50c., 1/4 lb. \$1.50, lb. \$5.

Holmes' Early Melrose Tomato

A TOMATO WITH MERIT

The earliest smooth Tomato in cultivation. Without the slightest exaggeration we can safely say that this new Tomato is all that can be desired, either for market or home use, the gardener usually securing the highest price before his neighbor has Tomatoes fit to sell. The vines are stronger and more vigorous than most sorts, and bear in clusters of four and five large, handsome, deep purple fruits, which are of a delightful flavor, and for solidity and smoothness cannot be excelled by any variety now in cultivation. It is useless to misrepresent a vegetable which so quickly tells its own story. In our trials it proved to be the earliest and smoothest Tomato in all the varieties tested. Pkt. 10c., oz. 25c., 1/4 lb. 90c., lb. \$3, by mail, postpaid.

DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

	Pkt.	Oz.	1/4 lb.	1 lb.
Aeme. An old, well-known, early variety, medium in size, smooth, solid and prolific; color purplish pink.....	\$0 05	\$0 20	\$0 60	\$2 25
Beauty. Early, prolific; medium-sized, smooth and solid; color purplish red; fruits until late in the season; the best of the "purple" varieties.....	05	20	60	2 25
Buckeye State. Large, solid, meaty; deep purple; a heavy cropper.....		20	60	2 00
Crimson Cushion. Of immense size, 1 to 2 pounds each; smooth, almost seedless and solid as beefsteak; a continuous bearer until frost; color rich crimson-scarlet; quality meaty and superb, either sliced or cooked..	10	50	1 50	5 00
Dwarf Champlion. Of dwarf, stiff, upright growth, scarcely needing support; early and prolific; smooth, medium-sized fruits of pinkish purple color.....	05	30	75	2 75
Early Paragon. Bright red; standard for market and canning.....	05	15	40	1 10
Extra-Early Advancee. One of the earliest; small, smooth, bright red and solid.....	05	15	40	1 10
Favorite. A large, handsome and uniform-shaped Tomato; solid, smooth and bright scarlet; ripens evenly....	05	20	60	2 25
Golden Queen. Large, handsome form, beautiful clear yellow color.....	05	20	50	1 80
Ignotum. One of the earliest of large, deep red, smooth varieties; productive.....	05	20	60	2 00
Mikado. A medium early, very large, fruiting variety; solid, smooth, unusually perfect in form; plant vigorous, growing "potato" leaved.....	05	25	80	2 75
New Combination. Very large; perfectly smooth; bright scarlet; best for canning.....		30	1 00	
Perfection. Almost round fruits, smooth, tough skin of brilliant scarlet; ripens thoroughly, solid and of rich flavor; attractive for market.....	05	20	60	2 25
Ponderosa. The largest Tomato of all.....	10	40	1 35	4 50
Prize-Taker. Extra-early; large size; fine quality.....		25	75	2 50
Trophy. Extra selected; an old favorite.....	05	20	50	1 75

TABLE TURNIPS

One ounce for 100 feet of drill; 2 pounds to the acre

For feeding stock in fall and winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely, for we are sure the crop will prove remunerative. This wholesome and agreeable vegetable is most easily affected in its form and flavor by soil, climate and mode of culture. There are a great many varieties, but our list comprises the best for the garden or farm.

CULTURE.—Sow in drills about two feet apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Be careful to weed and thin out, so the young plants will not be checked and injured. Any overcrowding will result in rough and poorly flavored roots. It is important to get the spring and summer crops started very early, so that the Turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter. In the middle and western states sow for fall and main crop from middle of July to last of August, and in the manner given for spring sowings. In the field, Turnips are often sown broadcast, though in most cases better results are obtained by drill culture. To preserve Turnips in good order for winter



Extra-Early Purple Top Milan Turnip (see page 37)

TABLE TURNIPS, continued

store in a cool cellar and cover with sand or turf to keep them fresh. Another method is to put them in a pit dug in dry soil where there will be no danger of water standing, and to cover with straw overlaid with earth sufficiently deep to keep out frost. Thus protected, Turnips will keep well till spring.

Extra-Early Purple Top Milan Turnip

Similar to the White Milan, except that the roots are a little flatter and a beautiful purple-red on the upper portion. All in all, these Milan Turnips leave nothing more to be desired in the way of an extra-early garden Turnip. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 75 cts.

Purple Top White Globe Turnip

A variety that is globular and nearly as large as the Pomeranian White Globe, of beautiful appearance and the white flesh is of the most excellent quality, equally desirable for table or stock. It keeps well and is a fine market sort. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Cow Horn, or Long White Turnip

This variety is pure white, except a little shade of green at the top and is carrot-like in form, growing nearly half out of the ground and slightly crooked. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a market sort for fall and early winter use. Also for turning under for green manure. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

Early Purple Top Strap Leaved Turnip

This is an early variety and a great favorite for table use; form flat, but thicker than Purple Top Milan and of medium size; color purple or dark red above ground, white below; flesh white, fine grained and tender; leaves few, entire, upright in growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.



Purple Top White Globe Turnip

DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

One ounce for 150 ft. drill; 1 to 2 pounds in drills for an acre

	Pkt	Oz.	¼lb.	Lb.
WHITE-FLESHED VARIETIES				
Early White Flat Dutch. A standard early, white, flat Turnip	\$0 05	\$0 10	\$0 20	\$0 50
White Egg. An oval- or egg-shaped variety; firm; mild and sweet.....	05	10	20	60
YELLOW-FLESHED VARIETIES				
Golden Ball, or Orange Jelly. Medium size.....	05	10	20	60
Yellow, or Amber Globe. A yellow-fleshed, globe-shaped variety, of large size	05	10	20	50
Purple Top Yellow Aberdeen. Large, globe-shaped Turnip	05	10	20	50
RUTABAGA (Russian, or Swedish Turnips)				
2 to 3 pounds to acre				
Improved American Purple Top. Old popular standard; rich flavor.....	05	10	20	50

Sweet, Pot and Medicinal Herb Seeds

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, entirely excluded from the air.



Sweet Marjoram Summer Savory Thyme

Anise. For garnishing, cordials and flavoring. Pkt. 5 cts., oz. 20 cts.
Balm. For tea and balm wine; useful in fevers. Pkt. 5c., oz. 20c.
Basil, Sweet. The leaves and tops of the shoots are used for highly seasoned soups, stews and sauces; a leaf or two is sometimes placed in salads. Pkt. 5 cts., oz. 20 cts.

Caraway. The aromatic seeds are used in confectionery, cakes and medicine. Pkt. 5 cts., oz. 20 cts.
Castor Oil Plant (Ricinus Communis). This seed yields castor oil. Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. 80 cts.
Coriander. For garnishing, the seeds are aromatic; used for flavoring. Pkt. 5 cts., oz. 20 cts.
Dill. The aromatic seeds are used in pickles, preserves, soups, sauces. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.
Fennel. The leaves boiled enter into many fish sauces, and are beautiful for garnishing; the seeds are employed in confectionery and for flavoring liquors. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.
Horehound. For tonic and cough. Pkt. 5 cts., oz. 30 cts.
Lavender. A popular, aromatic herb, emitting a delightful perfume. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.
Marjoram, Sweet. Used for seasoning; it is usefully grown as an annual. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.
Sage. The leaves are used in dressings and in sauces. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.60.
Savory, Summer. Used for seasoning and flavoring soups and dressings. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.
Savory, Winter. A hardy perennial; leaves are used for flavoring. Pkt. 5 cts., oz. 20 cts.
Thyme, Broad-Leaved. The leaves are dried for seasoning; also useful as a bee food. Pkt. 5 cts., oz. 30 cts., ¼lb. 80 cts.



HOLMES' SPECIAL GRASS MIXTURE

For Permanent Pasture and Hay

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive on soils where the latter fails. Not only does it produce an abundance of hay but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out, it will pay you to plow up and seed again, when you will soon be cutting heavy crops from **Holmes' Permanent Pasture Mixture**. Sow 50 pounds to acre. In ordering, state whether for light or heavy soil. Should you desire a **Special Mixture** for renewing old pasture, etc., write us and we will give information. **1b. 25 cts.; by mail, 35 cts.; bus. of 15 lbs. \$2.25, bus. of 20 lbs. \$3, 100 lbs. \$13.**

Special Grass and Clover Mixture for Various Uses

We have requests from our customers to put up mixtures to suit their needs, for shady places, golf mixtures, terraces and steep slopes, putting greens, or for soils on which certain conditions exist. We are headquarters for lawn mixtures and can give our customers a mixture for any sort of land. We shall be pleased to quote prices on any special mixtures, also give any information desired. Shall be glad to answer correspondence on this line at any time.

Holmes' Re-cleaned Grass and Clover Seed

HOLMES' SEEDS, WHETHER SEED CORN, OATS, GRASS SEED, CLOVER OR OTHER FARM SEEDS, ARE TESTED AND EXAMINED BY OURSELVES, BOTH FOR PURITY AND GERMINATION

HOLMES' SUPERIOR RE-CLEANED GRASS SEEDS

	BY EXPRESS OR FREIGHT		
	Bus.	1 lb.	100 lbs.
Awnless Brome Grass (<i>Bromus inermis</i>). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bus.)	\$2 60	\$0 20	\$16 00
Canada Blue Grass (<i>Poa compressa</i>). 1 st choice for sowing on hard clay and poor soils. (14 lbs. per bus.)	1 75	14	11 00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Excellent for lawns; succeeds well on moist lands. (20 lbs. per bus.)	5 25	25	25 00
Crested Dog's Tail (<i>Cynosurus Cristatus</i>). An excellent grass for hard, dry soils; valuable for pastures and lawns. (21 lbs. per bus.)	10 00	50	45 00
English Rye Grass (<i>Lolium perenne</i>). A very nutritious, rapid growing variety; valuable for meadows and pastures. (21 lbs. per bus.)	2 00	10	8 00
Hard Fescue (<i>Festuca Durinuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils and shady places. (12 lbs. per bus.)	2 00	15	15 00

HOLMES' SUPERIOR RE-CLEANED GRASS SEEDS, continued

	BY BUS.	EXPRESS L.B.	OR FREIGHT 100 LBS.
Italian Rye Grass (<i>Lolium Italicum</i>). A valuable European variety, adapted to any climate, and produces large and nutritive crops. (18 lbs. per bus.)	\$1 60	\$0 10	\$8 00
Kentucky Blue Grass (<i>Poa pratensis</i>). Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bus.)	2 00	16	14 00
Meadow Fescue (<i>Festuca pratensis</i>). A valuable grass for permanent pastures, very productive and nutritious. (22 lbs. per bus.)	3 60	18	15 00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock. (7 lbs. per bus.)	2 75	40	35 00
Orchard Grass (<i>Dactylis glomerata</i>). A valuable pasture grass, adapted for growing in shady, moist places, under trees, etc. (14 lbs. per bus.)	3 25	25	21 00
Perennial Rye (<i>Lolium perenne</i>). Very nutritious; valuable for meadow or permanent pastures. (14 lbs. per bus.)	1 50	15	12 00
Red, or Creeping Fescue (<i>Festuca rubra</i>). Valuable for lawns. (14 lbs. per bus.)	3 00	24	20 00
Red Top Grass (<i>Agrostis vulgaris</i>). Valuable for either pastures or lawns. (14 lbs. per bus.)	1 65	14	10 00
Rhode Island Bent Grass (<i>Agrostis canina</i>). Excellent for lawns or pastures. (14 lbs. per bus.)	5 25	40	25 00
Sheep's Fescue (<i>Festuca ovina</i>). An excellent grass for sheep pastures; from 6 to 10 inches high. (12 lbs. per bus.)	2 00	18	15 00
Sweet Vernal, True Perennial (<i>Anthoxanthum odoratum</i>). It should be sown in connection with other grasses for pasture or lawns. (10 lbs. per bus.)	7 00	80	70 00
Tall Meadow Oat Grass (<i>Avena elatior</i>). This is a valuable variety for pastures. (10 lbs. per bus.)	1 90	20	18 00
Timothy (<i>Phleum pratense</i>). A variety producing a profitable hay crop in almost any soil. ½ bushel per acre. Our seed is free from weed seeds and of high germinating power. (45 lbs. per bus.)	3 00	10	6 50
Wood Meadow Grass (<i>Poa nemoralis</i>). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bus.)	6 50	50	45 00

HOLMES' SUPERIOR RE-CLEANED CLOVER SEEDS

Alfalfa, or Lucerne

The great clover of the West; now coming into prominence in the East. It can be sown either in the spring or fall, during March and April or September. Cuttings should commence soon as it attains a fair growth, before it comes into bloom. With anything like seasonable weather it will give two or three cuttings throughout the first year. Alfalfa will not succeed on wet soils. The roots are very strong, penetrating the ground until they strike water, making it extremely valuable in dry seasons. Sow 15 to 20 pounds of seed per acre. **Lb. 35 cts., postpaid; by freight or express, lb. 20 cts., bushel of 60 pounds, \$11.**

Alsike, or Hybrid Clover

The hardest of all; sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains; grows on clover-sick land and yields a heavy bulk of herbage where no other Clover succeeds. Its superior pasturage is much liked by cattle. Blossom-heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow 10 to 20 pounds per acre in spring or fall. **Lb. 35 cts., postpaid; by freight or express, 10 lbs. \$2, 25 lbs. \$4.25, bus. of 60 lbs. about \$9.50.**

Crimson, or Scarlet Clover

An annual variety providing large crops of green forage, or, if cut while in bloom, will make excellent hay. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing southern suns and northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every state where tried. Sow 15 pounds to the acre from July to September. **Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, 10 lbs. \$1, bus. of 60 lbs. about \$5.25.**

Red Medium

This is the common Red Clover so largely grown. We shall be pleased to quote prices at any time.

Mammoth, or Pea-Vine

This grows much taller than Red Medium, with larger, leafier stalks, and large slightly pointed leaflets. Prices quoted on application. **By mail, either Mammoth or Red Medium at lb. 40 cts., 3 lbs. \$1.10. Write for price per bushel.**

White Dutch Clover (*Trifolium repens*)

This thrives in almost any soil and climate, succeeding equally well on heavy moist land and thin, dry hillsides. It is of low-creeping growth and most valuable both in pasture mixtures and for green velvety lawns. **Lb. 40 cts., postpaid; by express, lb. 25 cts.**



Alfalfa



Holmes' Extra-Selected Farm Seeds

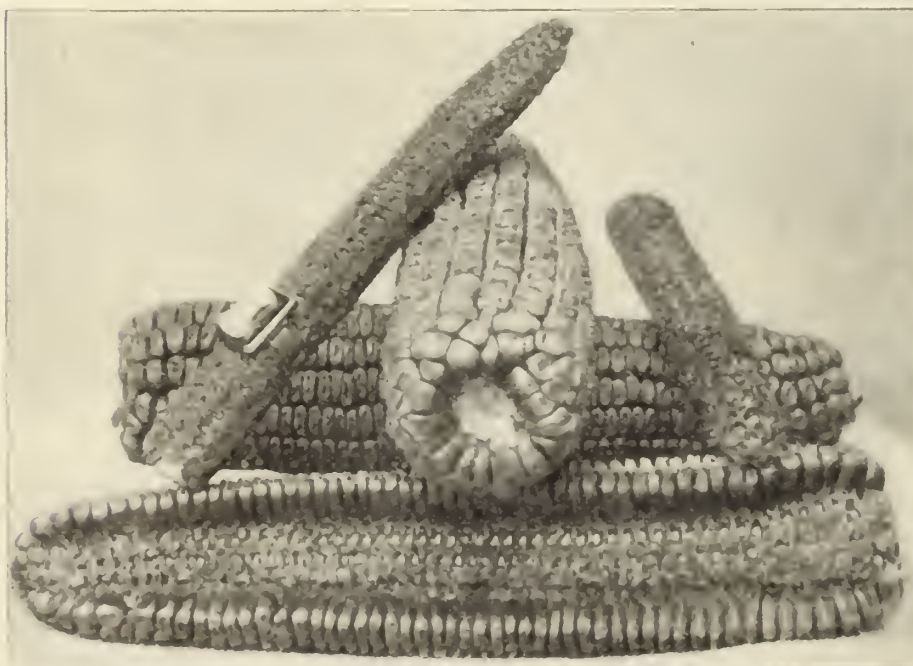
Fully realizing the great importance of supplying the farmer with the highest quality of **Farm Seeds**, we have given this branch of our business special study, exercising the greatest care in **growing and securing seed of the highest standard in purity and quality—fully matured, plump, sound, fresh and clean.** The care exercised in selecting our seeds has given **Holmes' Field Seeds** an enviable reputation and today our house is recognized as headquarters for the most reliable field and grass seeds.

Holmes' Early Golden Surprise

90-DAY FIELD CORN

THIS REMARKABLE VARIETY IS INCOMPARABLE IN SOLIDITY, UNIFORMITY, DEVELOPMENT OF THE TIP AND BUTT, EXTRAORDINARY YIELD AND SMALLNESS OF COB

No other Corn has given such universal satisfaction as our Early Golden Surprise. Its prepotency and power of reproduction is so great that neither wet nor dry weather noticeably influences its growth and maturity.



Holmes Early Golden Surprise

Unapproachable as a yielder, it withstands the harshest weather and when shelled this Corn produces a superior quality on account of extreme smallness of cob and depth of grain. The cobs are so small that many may be encased in an ordinary finger ring, as seen by our illustration. The grains are of a rich golden color, very deep, and profitable on account of small per cent of waste of cob. The cob is so small that 35 pounds of ears produced 31 1/2 pounds of shelled corn. The Corn is a vigorous grower, with short, strong stalks and an abundance of deep green foliage, which makes it an excellent fodder Corn. It matures uniformly in **90 days from planting**, and all points considered it is the best field Corn in cultivation. Golden Surprise is the greatest money-earner yet introduced to the American farmer. There can be nothing of greater importance to him than to increase the yield and feeding value of Corn. Early Golden Surprise will give that result. **Large pkt., by mail, postpaid, 10 cts., lb. 30 cts., 3 lbs. 70 cts.; by freight or express, not prepaid, qt. 15 cts., pk. 60 cts., 1/2 bus. \$1.10, bus. \$2.**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Holmes' Selected Pure-Bred Field Corn

THESE VARIETIES HAVE ALL BEEN GROWN ESPECIALLY FOR SEED. THE SEED IS TRUE TO NAME

Holmes' Gold Coupon Field Corn

**DECIDEDLY THE LARGEST AND BEST FIELD CORN IN CULTIVATION.
ABSOLUTELY DROUGHT-PROOF**

Holmes' Gold Coupon originated in Dauphin county and has been grown here by one or two prosperous farmers for a number of years. It is the most productive, bears the largest ears of any field Corn that we know of. The stalks grow uniformly, from 12 to 15 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 115 days, and the large, handsome ears vary from 16 to 20 rows each, measuring 10 to 13 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The six points of merit of this magnificent, new field Corn are: (1) It being an extremely heavy cropper. (2) Maturing in 115 days. (3) Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk. (4) It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field Corn. (5) It is one of the best yielders that we know of, producing from 125 to 150 bushels to the acre on fair soil. (6) For seed Corn, it will sell on sight, and farmers will make more money from this Corn than any we know of.

The illustration on this page is an exact reproduction from photograph of an average ear. This Corn may be ground almost as soon as husked, as it dries very rapidly. This year we offer Holmes' Gold Coupon at the following prices: **Pkt. 10 cts., lb. 25 cts., by mail, postpaid; pk. 75 cts., ½ bus. \$1.25, bus. \$2.25, 2-bus. sack, \$4, 10 bus. and over, at \$1.85 per bus., sacks included.**

Improved Mastodon

OUR FAMOUS ENSILAGE CORN

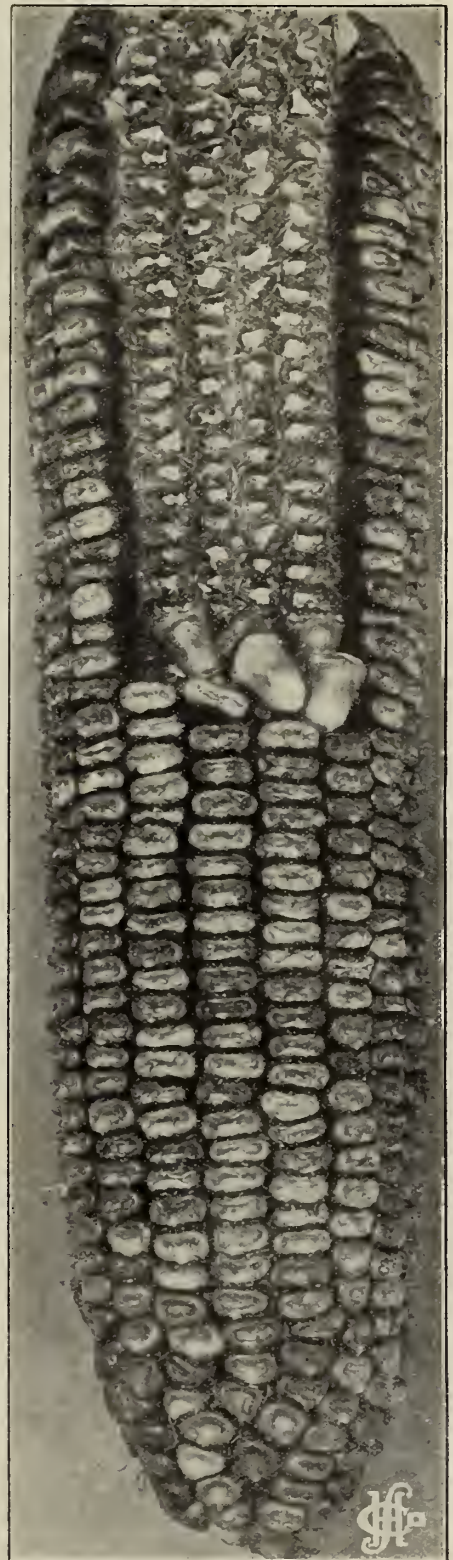
Is a yellow Corn with white cap and red cob. The ears attain exceptional size, being from 9½ to 12 inches long and from 7½ to 8½ inches in circumference. The ears weigh 11 to 18 ounces, having from 16 to 22 rows. The crown is slightly roughened, with rounding corners, the rounding corners giving a smoother appearance to the Corn than it really has. This Corn carries a large per cent of oil and protein. Under ordinary conditions this Corn yields over 100 bushels an acre. The stalk is large and stiff, producing a great amount of luxuriant foliage, which, when cured, affords a very superior article of fodder. It stands about 10 feet high, the ear appearing 4 feet from the ground. It has come into such favor as an ensilage Corn that there is a great demand for it by dairymen throughout the country. It matures in 120 days and is recommended for any soil. **Pkt. 8 cts., lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid; by freight or express, qt. 15 cts., pk. 50 cts., bus. \$1.60, bag of 2 bus. \$3.**

Keystone Mammoth Pride

THE MOST PRODUCTIVE, LARGEST EAR, AND IS ABSOLUTELY DROUGHT-PROOF

The stalks grow uniformly about 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 115 days, and the large, handsome ears vary from 10 to 18 rows each, the most of them having 16 rows of deep grains, which are of rich golden yellow color. It has a red cob, thus denoting its healthy character; cobs are remarkably small for such mammoth ears, being only 1 inch thick. This grand new Corn can be obtained only from us. **Pkt. 10 cts., lb. 35 cts., 3 lbs. 75 cts., by mail, postpaid; by freight or express, at purchaser's expense, qt. 20 cts., pk. 60 cts., ½ bus. \$1, bus. \$1.75, 2-bus. bag, \$3.25, 10 bus. \$15, sacks included.**

SAMPLES SENT FREE. WE will gladly send samples of our High-Bred Seed Corn on application

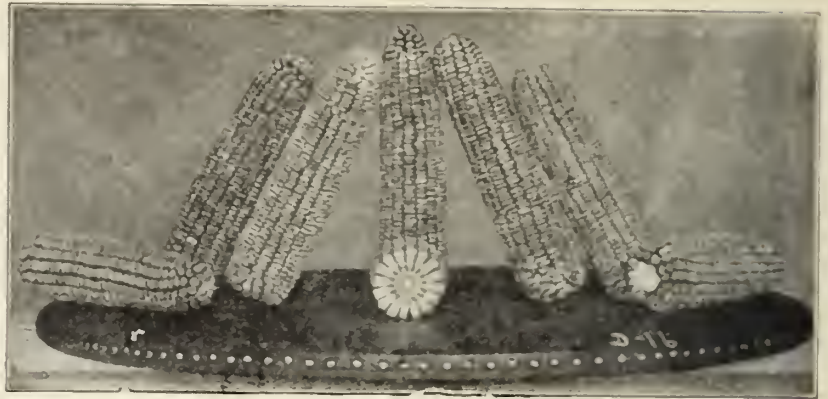


Holmes' Golden Coupon
From Photograph—above ear ¼ natural size

It pays to renew your seed stock of Field Corn. Varieties offered have all been cured and grown from the finest stock seed

Holmes' Early Golden Dent Corn

No other Corn has given such general satisfaction as this variety, which was introduced by us. The Corn is light golden in color, very characteristic of this variety. The ears are 9 to 11 inches long, 7 to 8 inches in circumference, 18 to 21 rows of kernels, each row containing 56 to 60 kernels. The ears weigh 11 to 16 ounces and are cylindrical from butt to tip. The cob is completely covered with solid Corn and the ears are remarkably uniform. The cob is red in color, medium to small, with small shank, making it very easy to shuck. It matures in from 90 to 100 days. **By mail, postpaid, pkt. 10 cts., lb. 25 cts., 3 lbs. 65 cts.; by freight or express, qt. 15c., pk. 60c., bus. \$1.75, 2 bus. bag \$3.25.**



Holmes' Early Golden Dent Corn

Improved Golden Beauty Corn

HAS THE LARGEST GRAIN AND SMALLEST COB OF ANY CORN IN CULTIVATION

The productiveness of the Golden Beauty Corn is due to the economical shape of the ears and the fact that a large proportion of the stalks produce fine ears. It is the largest-grained and handsomest golden yellow Corn we have ever seen. The ears are of perfect shape, with 10 to 14 straight rows. Cobs are unusually small; when broken in half, the grains will reach across them. The richness of color and fine quality of grain make it superior for grinding into meal. We can guarantee this Corn to give good satisfaction wherever grown. **Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, pk. 50 cts., bus. \$1.50, 2 bus. sack, \$2.85.**

Gold Standard Leaming Corn

We have increased the size of ears and percentage of grain by breeding from tapering to cylindrical shape. We have also increased depth and roughness of kernel and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long, 7½ to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage, and thrive well on all soils where many other varieties fail. It is an immense yielder, producing, under favorable conditions, 100 bushels or more to the acre.

White Cap Dent Corn

This combines the earliness and hardness of the Pride of the North, with ears of very large size. The stalks are stout, growing 6 to 7 feet in height, with abundant foliage. Ears of handsome appearance, 8 to 10 inches in length, well filled, having sixteen to eighteen rows of deep grains. The cob is small, grains being very deep and quite wide. The outer end of the grain is white, deeply dented, while the inner portion is a clear amber-yellow. The grains are flattened and set squarely on the cob, and completely fill the entire surface of the ear. Choicest stock grown by the originator, at prices quoted below.

Pride of the North Corn

This variety is quite similar to the preceding, and is excellent for short, cool seasons or where a late planting is made farther south. The ears are from 8 to 10 inches in length, and have from fourteen to sixteen rows of slender deep yellow grains. Prices as quoted below.

Prices of any above, by mail, postpaid, pkt. 10 cts., lb. 25 cts., 3 lbs. 65 cts.; by freight or express, qt. 15 cts., pk. 60 cts., bus. \$1.75, bag of 2 bus. \$3.25.

Iowa Gold Mine Corn

Ears of good size and symmetrical, a bright golden yellow; grain very deep; cob small, drying out quickly when ripe. From 70 pounds of ears 60 to 62 pounds of shelled corn may be obtained. Early, and of the highest market value. **Pk. 50 cts., bus. \$1.50, bag of 2 bus. \$2.75.**

Holmes' Snowflake Corn

A pure white seed Corn which in comparative tests has proven itself the best white variety in cultivation, adapted both to the North and South. Ears are 9 to 12 inches long; weighing 12 to 18 ounces. The Corn for all kinds of soils and seasons. **Pkt. 10 cts., lb. 25 cts., 3 lbs. 65 cts., by mail, postpaid; by freight or express, qt. 15 cts., pk. 60 cts., bus. \$1.75, bag of 2 bus. \$3.**

Hickory King Corn

The largest-grained and most hardy of the White Dent varieties. Ears large and ripen in 110 to 115 days from planting. An excellent variety for thin ground. **Pk. 50 cts., bus. \$1.60, bag of 2 bus. \$3.**

FODDER AND ENSILAGE CORNS

Cuban Giant Mammoth Ensilage

Produces immense yield of stalks which make fine feed for stock, either as ensilage or fodder Corn. **Pk. 60 cts., bus. \$1.50, bag of 2 bus. \$2.75.**

Sugar Corn for Green Fodder

Best for early fall green feed. Very profitable for cattle. A favorite with dairy farmers. **Pk. 75 cts., bus. \$2.50.**

Kaffir Corn

Highly esteemed for feeding to both stock and poultry. **Pkt. 5 cts., lb. 20 cts., postpaid; by freight or express, pk. 50 cts., per bus. of 50 pounds \$1.50.**

OUR SEED CORN is all hand-shelled, butted and nubbed and TESTED before sending out. Customers can always be sure of securing selected stock from us

SEED OATS

Improved White Tartar

The most remarkable Oats now under cultivation. Our customers say they will sow no others. This grand Oats outyields all others. The very best for all-round purposes. The earliest variety grown, longest straw, usually averaging 4 to 5 feet. Greatest yielding variety in existence and rust-proof. Succeeds well on all soils. Straw is of golden yellow color, while the grains are white, with a slight golden cast. Withstands stormy weather without lodging or the falling off of the grains. A measured bushel weighs from 36 to 42 pounds. Would highly recommend this Oat to all our customers. Change your seed this season. **Lb. 25 cts., 3 lbs. 65 cts., post-**

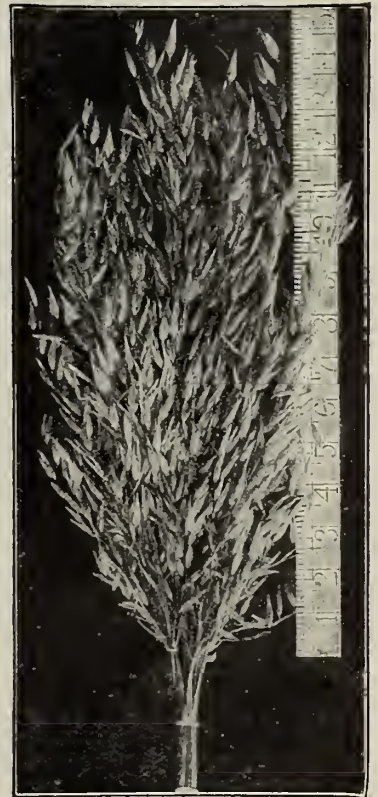
paid; by freight or express, pk. 40 cts., bus. of 32 lbs. \$1.35, 2 bus. or more at \$1.20 per bus. Special price on large quantities.

Holmes' Golden Prolific

During the past few years this remarkable variety has outyielded all others. It produces a remarkably heavy growth of straw. The straw is tall and stiff, slightly golden in color, while the Oat is large, plump and white, with a golden cast. The stalks do not lodge nor the grain fall off in stormy weather. **Lb. 25 cts., 3 lbs. 65 cts., postpaid; by freight or express, pk. 40 cts., bus. of 32 lb. \$1.15, 2 bus. or more at \$1 per bus. of 32 lbs.**

Read's Defiance Oats

A new variety including the best qualities of the Lincoln and Mortgage Lifter. From selected stock of both these varieties the Defiance Oat was produced. Season of maturity is about medium. The heads are long and well filled; of branching habit; the grain being plump and yellow. Straw is stiff and heavy and grows to a great height, is practically rust-proof and withstands drought. It is a grand yielder, yielding 50 to 120 bushels per acre. We guarantee all of the grain we sell this year under Read's name and description to come direct from him. **Pkt. 15 cts., lb. 40 cts., 3 lbs. \$1, postpaid; by freight or express, not prepaid, lb. 30 cts., ½pk. 80 cts., pk. \$1.20, ½bus. \$1.85, bus. \$3.25, 2½ bus. \$6.90, 10 bus. \$25.50, net.**



Read's Defiance Oats

Silver Mine

Peerless white Oats are popular. Heavy straw, medium height and large number of oats in a single head. **Lb. 25 cts., 3 lbs. 65 cts., postpaid; by freight or express, pk. 40 cts., bus. of 32 lbs. \$1.15, 2 bus. or more at \$1 per bus. of 32 lbs. Special prices on large quantities.**

SEED WHEAT

We sell hundreds of bushels of the best and most improved varieties of seed Wheat every year and have attained a very high reputation on account of their cleanliness and superior quality. We will take pleasure to quote prices for fall or spring planting.

RYE

It makes good winter and spring pasture. It is a good spring soiling crop, giving the earliest bite of green stuff; makes a fair quality of hay if cut in bloom, or before it is fully headed out. It is useful for a manuring crop if turned under in the early spring. Rye improves wornout soils. Can be sown at the last working of corn, or can be sown by itself from July to November. Sow at the rate of 1½ bushels per acre. **Bus. \$1.35.**

PRICES SUBJECT TO CHANGE. On all Field Seeds the prices are made early, before the markets are settled, and it would be well to write for prices on large quantities before ordering



Improved White
Tartar Oats

Holmes' Farm Seed Department

ALL OUR SEEDS ARE CAREFULLY RECLEANED AND FROM THE MOST RELIABLE SOURCES AND CROWERS. WHERE OUR PRICES SEEM HIGH, WRITE FOR OUR LATEST MARKET QUOTATIONS

BUCKWHEAT

Should be sown about the middle of June, broadcast, using from $\frac{1}{2}$ to 1 bushel of seed to the acre.

JAPANESE. This new sort has proven to be much earlier and more productive than any other variety. Grains very large and of a rich brown color. It excels all in yield and earliness. Lb. 25 cts., 3 lbs. 67 cts., postpaid; by freight or express, pk. 50 cts., bus. \$1.50.

BROOM CORN

IMPROVED EVERGREEN. Best variety for general cultivation, on account of color and quality of brush; ripens very early, grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Lb. 25 cts., postpaid; by freight or express, qt. 20 cts., pk. 75 cts., bus. \$2.50.



Rape, Dwarf Essex

Price, \$1.60 per bus.; in 5-bus. lots and over, \$1.50 per bus.; in small quantities, pkt. 10 cts., qt. 25 cts., pk. 65 cts., bus. \$2.25.

Prices fluctuate, and it would be well to write for prices as season advances

FLAX SEED (*Linum usitatissimum*)

Sow late enough in the spring to avoid frost and early enough to secure a good stand and enable the crop to ripen before the fall rains. A fair average quantity of seed to be sown on an acre is one-half bushel, when cultivated for seed; if for the fiber a larger quantity should be sown. Cut before quite ripe and if the weather be dry let it lie in the swath a few hours, when it should be raked and secured from the weather; thresh early in the fall and in dry weather. Lb. 20 cts.; 100 lbs. at market price.

RAPE, DWARF ESSEX

The true Dwarf Essex Rape. It is valuable for our climates, and we have found it especially desirable for pasturing hogs during summer months. In the northern states seed may be sown at any time from early in the spring until the end of August. Sow ten or twelve pounds per acre broadcast and harrow in lightly, or four to five pounds per acre in drill's 15 inches apart. Its fattening properties are twice as great as those of first-class clover. Per lb. 30c., postpaid; by express or freight, lb. 12c., 25 lbs., \$2.75, 50 lbs. \$4.50.

MAMMOTH RUSSIAN SUNFLOWER

Makes largest heads of any Sunflower. Pkt. 5 cts., qt. 30 cts., by mail, postpaid; by freight or express, pk. 75 cts., bus. \$2.25, bag of 2 bus. \$4



CANADA FIELD PEAS

A small-seeded very hardy Pea which is valuable to sow early in the spring, in connection with stiff-strawed oats, to produce green forage for making ensilage. They can be sown also alone at the rate of three bushels per acre, broadcast, early in the spring, or in mid-summer to turn under to enrich the land. Pk. 60 cts., bus. \$1.75, by freight or express.

COW PEAS (Southern)

The growing crop makes poor land rich and rich land better, at the same time producing a large amount of forage for green or dry feed

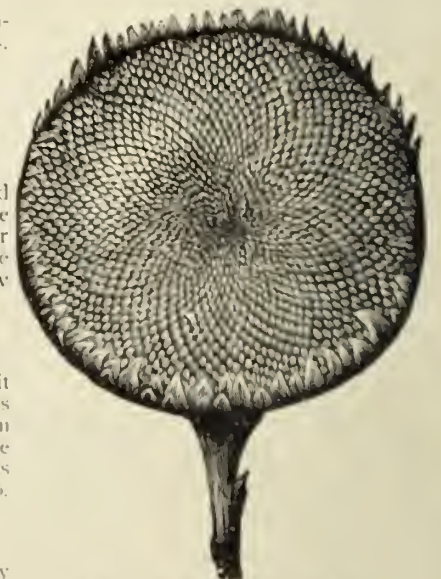
The Southern Cow Pea (in reality a bean) has been cultivated in the south for many years, but only in recent years has it been demonstrated that almost all varieties are adapted to cultivation throughout nearly the entire United States. They now promise to become one of our most valuable farm products.

BLACK. Quicker to mature than other varieties and better adapted for late planting, or for growing north of Virginia. Price fluctuates; present prices, \$1.50 per bus.; in 5-bus. lots and over, \$1.35 per bus.; in small quantities, pkt. 10 cts., qt. 25 cts., pk. 60 cts., bus. \$2.25.

EXTRA-EARLY BLACK-EYED. Matures its crops two or three weeks ahead of the ordinary or Large or Black-Eyed Pea. Price, pkt. 10 cts., postpaid; qt. 25 cts., pk. 90 cts., bus. \$2.75.

WHIPPOORWILL. A favorite early bunch-growing variety; has brown-speckled seeds.

over, \$1.50 per bus.; in small quantities, pkt. 10 cts., qt. 25 cts., pk. 65 cts., bus. \$2.25.



Mammoth Russian Sunflower



Soja Bean

MILLETS

There is nothing like Millet for sowing to cover up the shortage in your hay crops. It can be sown up to the middle or end of July, and makes a valuable catch crop

GERMAN, or GOLDEN MILLET

Matures about two weeks later than common Millet. The seed we offer is southern-grown, and so much better is it than the northern-grown stock generally offered that more than double the quantity of fodder is produced on the same ground. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow one bushel to the acre. Lb. 20 cts., 3 lbs. 50 cts., postpaid; by freight or express, bus. of 48 lbs. \$1.50.

JAPANESE MILLET

Especially valuable for the northern states. It yields an enormous crop of forage, which is greatly relished by stock. When cured it makes an excellent hay, its feeding value being much superior to corn-fodder. Sow the seed broadcast at the rate of 15 pounds to the acre, or in drills 12 to 18 inches apart, using 10 to 12 pounds per acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid; by freight or express, bus. of 30 lbs. \$2.

PEARL MILLET, or PENCILLARIA

ENTIRELY DIFFERENT FROM THE ORDINARY MILLET, SOLD RECENTLY AT HIGH PRICES AS PENCILLARIA

An immense fodder yielder of tall growth, attaining a height of 8 to 10 feet; highly recommended by the United States Department of Agriculture. Can be cut several times during a season. Try Pearl or East India Millet for green forage and you will find nothing better. Sow 10 pounds to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid; by freight or express, 10 lbs. \$1, bus. of 50 lbs. \$4.50.

HUNGARIAN GRASS. A very valuable forage plant of the Millet family, but not so coarse. Sown and cultivated same as Millet, and quite a favorite with stockmen. Lb. 20 cts., postpaid; by freight or express, 10 lbs., 50 cts., bus. of 48 lbs. \$1.75.

PEARL MILLET, continued

SIBERIAN MILLET. Rapidly becoming the most popular of all Millets. Very productive; grows 4 to 5 feet. Withstands drought wonderfully, and is about two weeks earlier than German Millet, and yields $\frac{1}{3}$ to $\frac{1}{2}$ more per acre. Lb. 25c., 3 lbs. 60 cts., postpaid; by freight or express, 10 lbs. 75 cts., bus. of 50 lbs. \$2.

COMMON MILLET. Best quality. Bus. of 48 lbs. \$1.50.

SOJA BEAN

The Soja or Soy Bean now ranks among the highest of soil enrichers. Very valuable as a food for hogs and cattle, both in the green and dry state. Grown extensively both in the North and South. Lb. 25 cts., postpaid; by freight or express, qt. 20c., pk. 70 cts., bus. \$2 25.

SUGAR CANE, or SORGHUM

Sugar Cane is quite desirable to plant for green forage during the summer months or for making ensilage.

EARLY AMBER. This variety grows from 11 to 12 feet in height, and where it can be planted by the first of May, the seed ripens almost invariably, affording an excellent food for stock and poultry. Seed should not be sown until danger of frost is over. Lb. 20 cts., 3 lbs. 65 cts., postpaid; by express, qt. 20 cts., pk. \$1, bus. \$2.50.

EARLY ORANGE. Largely planted in the warm southern states where the season is longer than that required to mature Early Amber. Price same as Early Amber.

GEM SORGHUM. Sorghum is a sweet, wholesome fodder of most luxuriant growth. It is adapted to all kinds of stock. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows proves a great milk producer, and is a wonderful feed to fatten hogs. Gem Sorghum will produce a most extraordinary crop, in many cases as high as twenty tons per acre, and in fact two or three cuttings can be made in a temperate climate in a single season. Order seed early so you can sow in proper season and not too late. Early corn planting in your section is the time to sow. Price of seed \$3 per bushel.

VETCH

SAND, HAIRY or WINTER.

Succeeds on all soils; does not suffer from extremes of drought, heat or cold. Sown in August it will cover the ground with a dense forage, which, in the southern states, will afford abundant pasture throughout the winter. Sown in spring it quickly produces a luxuriant crop. Sow 40 to 50 pounds per acre. Oz. 5c., 4 ozs. 15 cts., lb. 30c., postpaid; by freight or express, pk. \$1.75, bus. (60 pounds) \$6.25.

SPRING VETCHES, or

TARES. A good forage plant; also used for plowing under. Sow two bushels to the acre, broadcast like wheat or barley. Oz. 5 cts., 4 ozs. 15 cts., lb. 35 cts., pre-paid; by freight or express, 4 qts., 65c., pk. \$1.25, bus. \$4.



Vetches

Choice Lawn Grass Seed Mixtures

A Few Words Here The seedsman is always censured if weeds come up in the lawn after planting seed which is as near pure as we can secure, both abroad and in this country. For the information of those interested allow us to say it is always to a seedsman's advantage to have the best, and we invariably purchase the finest grasses we can obtain to secure the good will of our customer. Weed seeds are carried by the thousands of birds which inhabit our country, by the manure you put on the soil, and even if you secure the best soil you can and plant nothing, weeds will come. We know of soil which was excavated at a depth of seventy feet and used for filling up a lot, and inside of one month the entire piece of ground was covered with a magnificent growth of numerous weeds of all varieties. Be just to your seedsman and trust him—recollect it is much better to have a satisfied customer than otherwise, and we desire to please all.



Holmes' Capitol Park Lawn Grass Seed

on same, taking care that seed is not covered too deep, and also to either roll or pat the surface smooth with a shovel.

Cutting, Feeding and Watering. When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent feeding and watering to keep up their vigor. We recommend **Holmes' Lawn Dressing** as the best fertilizer for nourishing lawns.

Top-dressing in Fall. A coating of wood ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall, it prevents much of the young growth from freezing out at the roots.

MAKING AND CARING FOR THE LAWN

Preparing and Manuring the Ground. In making a new lawn it is desirable that all grading, tree planting and laying out of walks and drives should be accomplished first. The ground should be thoroughly dug or plowed to a depth of 10 or 12 inches, after which some good fertilizer—pure ground bone being especially recommended—should be applied at the rate of 500 to 800 pounds per acre, according to the quality of the soil. The ground should then be well harrowed or raked, to reduce it to as fine a condition as possible, as well as to make it level, as nothing detracts from the appearance of a lawn as an uneven surface.

Sowing the Seed, Rolling and Weeding. The best time for sowing grass seeds is in Spring from February to May, or in Fall, from September to November, using on small plots, at the rate of one quart of seed to each 15 square feet, and for large lawns golf courses, tennis, cricket and croquet grounds, use at the rate of eighty pounds of seed per acre, and for putting greens, 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled or on small places, beaten with the back of a spade to firm the surface and press the seed into the soil. Annual weeds natural to the soil will appear before the young grass becomes established, and an inexperienced person is likely to conclude that the weeds come from grass seed, but weeds are natural to all soils and always appear in newly filled ground; many of these will be destroyed in cutting the grass, and none should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed

Holmes' Capitol Park Lawn Grass Seed

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. To be sure of a beautiful green lawn, sow Capitol Park Lawn Seed. It will give grand results when all others fail. Composed of fancy, reclaimed domestic and foreign grasses best adapted for a perfect and enduring lawn. No more sodding, once Capitol Park Lawn Seed is used, for, if directions are followed, you are sure of a deep green, smooth, velvety sward, which is often ready for cutting in from four to six weeks' time. Lawn seed can be sown at almost any time from early spring to late in the fall; three to four bushels is required to sow one acre—43,500 square feet. **Qt. 25 cts., 2 qts. 45 cts. (add 5 cts. per quart extra if sent by mail), seed in bulk, by freight or express, pk. \$1.25, bus. of 20 lbs. \$4.**

Holmes' Shady Nook Lawn Mixture

The beauty of many lawns today is marred by the unsightly bare spots under shade trees, shrubbery and close to walks, due to the continued shade throughout the day. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture for shady places, that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy reclaimed varieties, and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. This process will sweeten the ground, and then by sowing Shady Nook Mixture it will produce a lawn of velvety appearance. **Qt. 35 cts. postpaid; by freight or express, qt. 30c., 4 qts. \$1, pk. \$1.60, bus. of 20 lbs. \$5.50.**

Holmes' Golf Links Mixture

For some years past we have made up a special mixture of grasses adapted specially for golf courses. This mixture is composed of grasses that produce a low growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair greens and putting greens, a permanent turf can be produced in a very short time. We are at all times glad to make up special mixtures to meet different conditions of soil, climate, etc., and would invite correspondence. **Lb. 25 cts., by mail 35 cts.; by freight or express, bus. of 15 lbs. \$2.25, bus. of 20 lbs. \$3, 100 lbs. \$14.**

Holmes' Terrace Mixtures

A mixture of grasses best adapted for sloping ground and terraces. Composed of deep, spreading roots that build embankments, thus preventing washouts and covering with a beautiful green turf. **By freight or express, bus. of 20 lbs. \$5.**

Holmes' Special Mixtures

FOR TENNIS COURTS, CROQUET GROUNDS, ETC.

A special mixture, made from our own fine mthla, producing a turf that will stand rough usage. **By freight or express, qt. 30 cts., pk. \$1.60, bus. of 20 lbs. \$5.50.**



Holmes Shady Nook Mixture

HOLMES' FLOWER SEEDS

New Crop. All Tested and of Strong Germination

We are specialists in Flower Seeds,—therefore extensive growers,—and for this reason are able to offer all flower seeds by weight, which is a great advantage to you. Note the ounce prices. If wanted by the pound or hundred pound quantities write for special prices.

GENERAL CULTURAL DIRECTIONS.—The well-known Annual Flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtiums, etc., sow directly out-of-doors when danger from frost is past in the position where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly either in lines or beds, covering not over four times their size, and firming the soil over them. For those which should be started indoors, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in boxes, which should be filled to the depth of an inch with broken pots, coal ashes or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each sand, leaf mold and light garden loam. Press firmly and evenly, and water thoroughly the day before sowing. Sow the seeds thinly over the surface, covering about one-eighth of an inch and pressing firmly, cover with a pane of glass to prevent too rapid evaporation of the moisture, and keep in a temperature between 60 and 70 degrees. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or a too frequent watering, usually leads to failure. Remove the glass after the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to damp-off.

ABRONIA (Sand Verbena). See Vines.

ABUTILON

(Chinese Bell-Flower, or Flowering Maple)

Elegant flowering perennial shrubs of strong growth and easy cultivation, free-flowering, with various colored, beautiful drooping bell-shaped flowers. Considered indispensable for flowering indoors during the winter and spring months; useful for bedding out in the summer. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season.

801 Fine Mixed. Pkt. 10 cts., 1/4 oz. 75 cts.

NEW AUSTRALIAN STRAW FLOWER

805 After being cut, it retains its rosy crimson shades permanently. A half-hardy annual lately discovered in West Central Australia and never before offered. Grows very rapidly from seed, blooming early in the season, continuing for a long time. The fragrant, rosy (sometimes almost pure white) flowers, are produced in large, graceful clusters which when cut retain their form and color in perfection permanently. Plants grow 1 foot high. Pkt. 10 cts., 3 pkts. 25 cts., 1/4 oz. 50 cts.

ACROCLINIUM

Free summer-flowering annual plants for garden decoration; the flowers dry as everlastings for winter bouquets. 1 foot.

806 Double-flowering Mixed. Pkt. 5 cts., 1/2 oz. 20 cts.

ADLUMIA. See Vines.

ALLEGHENY VINE. See Adlumia.



Alyssum, Little Gem

ACHILLEA

804 Ptarmica, "The Pearl" (Double White Yarrow). One of the best hardy white perennials in the list. Grows about 2 feet high, and from spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early. Pkt. 5 cts., 1/4 oz. 75 cts.

ADONIS

Ornamental green annual of easy culture, flowering freely; dark crimson flowers, graceful, feathery foliage. 1 foot.

807 Æstivalis (Flos Adonis). Crimson. Pkt. 5 cts., 1/2 oz. 15 cts.



Acroclonium, an Everlasting

AGERATUM (Floss Flower)

One of the very best bedding plants, being literally a sheet of bloom from early summer till frost. The blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which should be started in a hot-bed or window and transferred to the open ground in May.

812 Blue Star. A new variety. Tiny and compact, only 4 or 5 inches high, densely covered with light blue flowers; splendid for edgings and ribbon bedding or pot culture. Pkt. 10 cts., 3 pkts. 25 cts., 1/2 oz. 65 cts.



Ageratum

813 Very Dwarf White multiflora. Pkt. 10 cts., 1/2 oz. 50 cts.

814 Fine Mixed. Pkt. 5 cts., 1/2 oz. 15 cts.

ALYSSUM, SWEET

819 Carpet of Snow. New. The old-fashioned Sweet Alyssum has been too long a favorite to need any introduction here. This new variety emits the same honey-like perfume, is of purer white and grows only 2 to 3 inches high and flowers even more profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edgings and bedding this is a very satisfactory little annual. Pkt. 5 cts., 1/2 oz. 50 cts.

820 Sweet Maritimum. White. 3/4 foot. Pkt. 5 cts., 1/2 oz. 25 cts.

821 Little Gem. Spreading habit; white. Pkt. 5 cts., 1/2 oz. 35 cts.

822 Saxatile compacta (Basket of Gold). Yellow. 1 foot. Pkt. 5 cts., 1/2 oz. 25 cts.

AMARANTUS

Very strong and rapid-growing. Its striking ornamental foliage and curious flowers make it valuable for bedding or borders. Annual.

829. Sunrise. The most brilliant of this brilliant family. The foliage is bronzy crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used in many of the public parks. Pkt. 15 cts., 2 pkts. 25 cts., 1/2 oz. 35 cts.

830 Caudatus (Love-lies-Bleeding). Dark red. Pkt. 5 cts., 1/2 oz. 15 cts.

831 Salicifolius (Fountain Plant). Drooping habit. Pkt. 5 cts., 1/2 oz. 25 cts.

832 Tricolor (Joseph's Coat). Many bright colors. Pkt. 5 cts., 1/2 oz. 20 cts.

833 Mixed. Pkt. 5 cts., 1/2 oz. 25 cts.

834 Superbus (Firebrand). Pkt. 5 cts., 1/2 oz. 15 cts.

AMETHYST. See Browallia.

Holmes' Mammoth Flowering Asters



Daybreak Aster

AMSONIA

Flowers lilac-blue, in terminal panicle clusters on long stems. Plants 18 in. high.

835 **Salicifolia**. Pkt. 5 cts., 1/2 oz. 30 cts.

ANCHUSA

A strong growing plant 3 to 4 feet; large terminal heads of deep blue flowers all season.

836 **Italica**. Pkt. 5 cts., 1/2 oz. 25 cts.

ARISTOLOCHIA. See Vines.

ANTIRRHINUM (Snapdragon)

Perennial, blooming from seed the first season. One of the finest and showiest border plants, throat beautifully spotted.

840 **Tom Thumb, Mixed, Dwarf**. Pkt. 5 cts., 1/2 oz. 35 cts.

841 **Majus**. Tall, extra-fine mixed. Pkt. 5c., 1/2 oz. 40c.

842 **Queen of the North**. Grows 1 foot in height, and densely covered with large white flowers. A gem for beds and borders and valuable for pot culture. Pkt. 10 cts., 1/2 oz. 50 cts.

ANEMONE (Windflower)

A very pleasing hardy perennial, producing large flowers few plants compare with them in beauty; fine for bouquets.

843 **St. Brigid**. A beautiful selection, comprising semi-double and double flowers in a wonderful array of colors; seed sown by midsummer produces flowering plants the following spring. Pkt. 15 cts., 1/2 oz. 75 cts.

AQUILEGIA (Columbine)

Hardy perennial, bearing countless exquisite blossoms of clear blue, white, rose yellow, purple striped, etc. Fine for permanent borders. 2 feet.

850 **Fine Mixed**. Special strain. Pkt. 5 cts., 1/2 oz. 75 cts.

ASCLEPIAS

One of the showiest and most ornamental of our summer and autumn flowers, blossoms in close, compact umbels of a brilliant orange color, making it valuable for bouquets.

852 **Tuberosa**. Pkt. 5 cts., 1/2 oz. 40 cts.

ASPARGUS. See Vines.

We are always pleased to have our customers send us specimen flowers grown from our seeds



Victoria Aster

Holmes' Bridesmaid Aster

An exquisite rosy pink. A charming favorite whose delicate rosy pink flowers fairly sparkle with the brightness that is characteristic of it, there being so much very noticeable life about each flower that it appeals immediately to the admiration of all who see it. Plants are literally covered with blooms and grow 2 feet high.

860 **Rosy Pink**. Pkt. 10 cts., 3 pkts. 25 cts., 1/2 oz. 75 cts.

Holmes' Fortune Teller

Extra-early pure white Asters. The first Asters to bloom introduced by us. The flowers, borne on long, wiry stems in great numbers, being so very double and unusually large, the plant attaining a height of 20 to 24 inches, make this a most valuable variety for both decorative and market purposes. An early Aster with no beauty is unappreciated, while one of beauty coming into bloom late also loses its attractiveness; but a beautiful Aster coming into bloom before any other makes it a treasure in the flower garden. This is true of our Fortune Teller.

865 **Pure White**. Pkt. 10 cts., 3 pkts. 20 cts., 1/2 oz. 50 cts.

Queen of the Market Asters

Earliest flowering variety. With the exception of our first early Fortune Teller Aster there are none so early as the Queen of the Market Aster, which comes into flower in July. Of branching habit, flowers of good size and borne on long stems, making them valuable for cutting, excellent for growing under glass. A favorite variety for farmers who grow for market. 1 1/2 feet high. (885) **Fine Mixed**, (886) **Indigo-Blue**, (887) **Red**, (888) **Rose**, (889) **White**. Pkt. 5 cts., 1 pkts. 15 cts. Separate colors, oz. 60 cts. Fine mixed, oz. 50 cts.

Two Beautiful Asters, Purity and Daybreak

Beautiful bushy branching Asters, growing about 2 feet high, with large, double flowers, composed of incurved petals almost as regularly placed as in a Dahlia. Flowers are borne upright on stiff, long stems.

945 **Daybreak**. Shell-pink. Pkt. 10 cts., 1/2 oz. \$1.25.

950 **Purity**. Pure white. Pkt. 10 cts., 1/2 oz. 75 cts.



Holmes' New Aster, Bridesmaid

Holmes' Paeony-Perfection

Long-stemmed flowers. Plants grow about 24 inches high, free-branching habit, every flower being borne on a long stem. In our estimation this is without doubt the most valuable variety for cutting and bedding. (905) **Choice Mixed**, (906) **Bright Scarlet**, (907) **Mauve**, (908) **Rose**, (909) **Sky-Blue**, (910) **White**. Pkt. 5 cts., 4 pkts. 15 cts. Separate colors, ¼ oz. 60 cts. Choice mixed colors, ¼ oz. 45 cts.

Giant Comet Aster

New. Resembles Japanese chrysanthemum. These giant varieties differ from the older well-known Comet Asters not only in bearing much larger flowers, but the petals are longer and broader. The flowers are of immense size, often six inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half globe, resembling some of the finer Japanese chrysanthemums. Each plant bears 20 to 30 of these magnificent flowers on long stems; valuable for cutting or vases. (940) **Mixed Colors**, (941) **Rose**, (942) **White**. Pkt. 10 cts., 3 pkts. 25 cts. Separate colors, ¼ oz. 60 cts. Mixed colors, ¼ oz. 50 cts.

China Aster

951 Plants are tall; flowers double, globe-shaped. Mixed. Pkt. 5 cts., ¼ oz. 20 cts.

Holmes' Finest Mixed Asters

955 A splendid mixture of choicest varieties. Pkt. 10 cts., ¼ oz. 50 cts.

Holmes' Two-Color, or Crown Aster

958 This Aster is so distinct from all other sorts. The very double flowers are exceedingly striking, their snowy white centers blending most beautifully with bright rich colors that encircle them, the two colors on the one flower. Pkt. 5 cts., 6 pkts. 25 cts., ¼ oz. 50 cts.

KEGG, PA., March 10, 1908.
"I have been using your seeds for a number of years and find them all as represented. There are none better."
MRS. FRANK MOWRY.



Holmes' Two-Color Aster



Giant Comet Aster

Holmes' Late Giant Branching Aster

The plants form strong, branching bushes 2 to 4 feet high, bearing on long, strong stems their handsome chrysanthemum-like flowers which, under ordinary cultivation, average over 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and chrysanthemums. (960) **Splendid Mixed**, (961) **Pure White**, (962) **Pink**, (963) **Purple**, (964) **Lavender**, (965) **Crimson**. Pkt. 5 cts. Separate colors, ¼ oz. 50 cts. Mixed, ¼ oz. 25 cts.

Holmes' New Double White Aster, Innocence

997 This new Aster we offer with entire confidence that it will prove itself to those who grow it to be the best large double pure white Aster ever introduced. It is the kind of Aster every lover of this flower wants; its beauty of form, its substance, size and whiteness, profusion of bloom, long stems and lasting qualities make it absolutely the most desirable for both decorative and bouquet purposes. Blooms in August or following our noted first-early white Fortune Teller. Pkt. 10 cts., 3 pkts. 25 cts., ¼ oz. \$1, ½ oz. \$1.75.

Holmes' New Aster, Lavender

998 As the name implies, this is one of the most beautiful lavender Asters. It is of true Comet type, with large, artistic, loosely arranged flowers on long, wiry stems of the most charming shade of lavender imaginable. Blooms in August. We recommend it highly. Pkt. 10 cts., 3 pkt. 25 cts., ¼ oz. 60c., ½ oz. \$1, oz. \$1.75.

Giant Ostrich Feather Aster

Flowers like mammoth chrysanthemums and of unsurpassed beauty. So large, so beautiful, so unique in their charming grace, so different from all other types, producing immense double flowers, often 6 inches across, composed of very long, narrow, loosely curled petals, suggestive of a curled ostrich plume,—their graceful effect and large size render these Asters exceptionally handsome as cut-flowers. The plants are of strong, healthy and luxuriant growth, attaining a height of about 2 feet, branching out freely into well-formed bushes, each plant bearing from 25 to 40 magnificent flowers. Bedded out, they are exceedingly showy. We offer the following colors: (990) **Splendid Mixed**, (991) **White**, (992) **Rose**, (993) **Carmine**, (994) **Blue**. Each, pkt. 10 cts., 3 pkts. 25c., Mixed, ¼ oz. 50 cts. Separate colors, ¼ oz. 75 cts.



Holmes' Late Giant Branching Aster



Holmes' Begonia, Rex

- BACHELOR'S BUTTON.** See Globe Amaranth.
BALLOON VINE. See Vines.
BALSAM APPLE. See Momordica.
BALSAM PEAR. See Momordica.

BARTONIA

One of the showiest of garden flowers; large golden blossoms borne in great profusion all summer. 1 ft. Annual.

- 1008 Aurea.** Pkt. 5 cts., 1/4 oz. 15 cts.

BLUE BOTTLE. See *Centaurea Cyanus*.

BLACK-EYED SUSAN. See *Thunbergia*.

BLANKET FLOWER. See *Gaillardia*.

Our flower seeds are the best.
None better. They grow



Holmes' Candytuft, Empress

HOLMES' GIANT-FLOWERING BALSAM (Camellia-Flowered)

Grows and blooms the first year from seed sown in spring. In its extraordinary size, perfect form and brilliant colors, this fine strain of Balsams surpasses all others and yields an abundance of beautiful flowering sprays extremely attractive for table decoration. Handsome specimens can be grown in pots as effectively as when bedded. The illustration gives one an idea of the magnificence of this splendid bloomer, and shows the rose-like appearance of the flowers. We heartily recommend this to all our friends. (1010) **Double Rose-flowered Mixed**, 1/4 oz. 50 cts.; (1011) **Scarlet**, 1/4 oz. 30 cts.; (1012) **Pure White**, 1/4 oz. 30 cts. Each, pkt. 5 cts., 6 pkts. 25 cts.

BRACHYCOME (Swan River Daisy)

Beautiful annual, forming a close, compact plant, with large single blue or white flowers, borne freely all summer. 8 inches.

- 1030 Mixed Colors.** Pkt. 5 cts., 1/4 oz. 20 cts.

BROWALLIA (Amethyst)

Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter. 1 1/2 feet.

- 1031 Mixed Colors.** Pkt. 5c., 1/4 oz. 25 cts.

DAISY

- 1020 Holmes' Mammoth White.** The flowers are pure white and densely imbricated. Being borne on long stems they are most valuable for cutting and should be sown early in boxes to secure blooms the first season. Pkt. 10c., 3 pkts. 25c., 1 1/2 oz. 75c.
1021 Fine German Double Mixed. Pkt. 5c., 1/4 oz. 75c.

SIHASTA DAISY. See *Chrysanthemum*.



Holmes' Mammoth White Daisy

HOLMES' BEGONIAS

- 1015 Vernon Grandiflora.** A large-flowering form of the Vernon. Bright orange-carmine flowers with deep red foliage. The flower is nearly twice the size of the old type. Pkt. 10 cts., 1/4 oz. 50 cts.
1016 Holmes' Rex. Exquisite foliage plant. Every one knows the Begonia, but not all are acquainted with the fact that this strain of Rex Begonia has been hybridized and improved to such an extent that the transformation makes one who has admired the old variety marvel at the charming effect these foliage plants present. The seed is very small and must be sown carefully and not deep, merely covered. Sow in boxes or pots. Pkt. 20c., 3 pkts. 50c., 1,000 seeds \$1.50.

TUBEROUS-ROOTED BEGONIAS

Plants of great value for summer decoration or window-gardening, blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees. Plant out as soon as the ground becomes warm. Covered all summer with bright flowers.

- 1017 Frilled.** The flowers are from 3 to 6 inches in diameter, with beautifully frilled and wavy petals. Pkt. 20 cts., 1 3/2 oz. \$3.
1018 Single. Extra choice mixed. Pkt. 20 cts., 1 3/2 oz. \$10.
1019 Double. Extra choice mixed. Pkt. 20 cts., 1 3/2 oz. \$10.

CANDYTUFT

Indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring, when sown in April, flowers from July till frost. Hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. 1 foot.

- 1075 Sweet-scented White.** Pkt. 5 cts., 1/4 oz. 25 cts.
1077 Sweet-scented Crimson. Pkt. 5 cts., 1/4 oz. 25 cts.
1078 Empress. New. Flowers borne on spikes like hyacinths. Pkt. 10c., 1/4 oz. 25c.
1079 Little Prince. New dwarf White; fine for borders. Pkt. 10 cts., 1/4 oz. 50 cts.

CANTERBURY BELLS. See *Campanula*.

CARDIOSPERMUM. See *Balloon Vine*.



Holmes' Superb Double-Flowered Balsam

CAMPANULA MEDIUM (*Calycanthema*)

Cup-and-Saucer, or Canterbury Bells

This is unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration.

- 1032 **Mixed.** Pkt. 5 cts., ¼ oz. 40 cts.
- 1033 **Rich Blue.** Pkt. 10 cts., ¼ oz. 50 cts.

CALCEOLARIA (*Pocket Flower*)

The large, pocket-shaped flowers are borne in the greatest profusion through spring and summer. Colors yellow, maroon, crimson, etc. 1½ feet. Greenhouse perennial.

- 1035 **Grandiflora.** Choice mixture; rich colors. Pkt. 15 cts., 1-32 oz. \$2.

CALLIOPSIS

A charming favorite annual, with deep, rich colored flowers, with soft, fluffy appearance, measuring 3 inches across. An adornment to any garden, and fine for cutting. 18 to 24 inches high.

- 1039 **Fine Mixed.** Tall. Pkt. 5 cts., ¼ oz. 15 cts.
- 1042 **Coronata.** Large, yellow, showy flowers. Pkt. 5 cts., ¼ oz. 15 cts.
- 1043 **Golden Wave.** Rich yellow. Pkt. 5 cts., ¼ oz. 15 cts.
- 1044 **Lanceolata (Coreopsis).** Perennial, blooming the first year from seed; long, graceful stems; brilliant yellow. Pkt. 5c., ¼ oz. 50c.



Holmes' Cyclamen Giganteum

CALENDULA (*Pot Marigold*)

Hardy annual, blooming abundantly and continuously until killed by frost. Exceedingly fine for summer gardens. 1 foot.

- 1050 **Fine Double Mixed.** Pkt. 5 cts., ¼ oz. 15 cts.
- 1051 **Striped Meteor.** Double; striped. Pkt. 5 cts., ¼ oz. 20 cts.
- 1052 **Prince of Orange.** Double; deep orange. Pkt. 5 cts., ¼ oz. 20 cts.
- 1054 **Double Large-flowered.** Dark red. Pkt. 5 cts., ½ pkt. 15 cts.

CANARY BIRD FLOWER. See *Tropeolum*.

CALIFORNIA POPPY. See *Eschscholtzia*.

CASTOR OIL PLANT. See *Ricinus*.



Holmes' Prize Strain Cineraria



Holmes' Marguerite Carnations

CARNATION, MARGUERITE

Blooms first year from seed. The true place of Marguerites is in everybody's garden. They are beautiful, extremely sweet, and in every way desirable. Flowers are borne on long stems, making them very desirable for cut-flowers. (1086) **Pure White**, (1081) **Scarlet**, (1082) **Red**, (1083) **Striped**. Each, separate colors, pkt. 10 cts., ¼ oz. 30 cts. (1085) **Mixed**, pkt. 5 cts., ¼ oz. 25 cts.

Varieties for the Greenhouse or Conservatory

- 1086 **Fancy Extra Choice Mixed.** Pkt. 20 cts., 1-16 oz. \$2.50.
- 1087 **Choice Double Mixed.** Pkt. 10c., 1-16 oz. \$2.
- 1088 **Fancy Picotee, Extra Fine Mixed.** Pkt. 15 cts., 1-16 oz. \$2.50.

CYCLAMEN

Charming plants, with beautiful foliage and rich-colored, fragrant flowers; universal favorites for winter and spring blooming. Our strains have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn.

- 1185 **Dark Blood Red.** Pkt. 25 cts., 1-16 oz. \$1.75.
- 1186 **Giganteum.** Immense flowers, borne very profusely. Mixed, pkt. 20 cts., 1-16 oz. 80 cts.
- 1187 **Butterfly.** In this new type the edges of the flowers are beautifully fringed or waved, giving them a grace not possessed by the old class; for house or conservatory decoration they are of surpassing beauty. Mixed colors, pkt. 35 cts., 100 seeds \$2.50.

CINERARIA

- 1130 **Holmes' Prize Strain.** Our Superb Prize Strain of Cineraria is distinguished by its splendid variety of color, including every conceivable shade of pink, carmine, crimson and blue, varying from the palest forget-me-not to the richest violet, as well as pure white and the gorgeous bicolors of crimson and white, and blue and white. The flowers are of immense size, borne on plant of compact, robust habit. Pkt. 20 cts., 2 pkts. 35 cts., 1-32 oz. \$3.50.
- 1132 **Plenissima Dwarf Double Large-flowering Mixed.** The most exquisite sort. Pkt. 35 cts., 1-32 oz. \$5.
- 1133 **Maritima (Candissima).** Dusty Miller. Very fine for edgings and borders. Silver foliage. Pkt. 5 cts., ¼ oz. 20 cts.



Calliopsis lanceolata



Holmes' Dwarf Feathered Celosia

COCKSCOMB (*Celosia cristata*)

Free blooming, bright-colored annuals that grow best in light soil and not too rich. Excellent border plants; attractive in pots.

- 1095 Cristata, Extra Fine Mixed.** Pkt. 5 cts., 1/4 oz. 20 cts.
1096 Dwarf Mixed, Extra. Pkt. 5 cts., 1/4 oz. 50 cts.
1097 Glasgow Prize (Crimson Comb). One of the best comb varieties. Pkt. 5 cts., 1/4 oz. 40 cts.

PLUMED VARIETIES

- 1098 Dwarf Feathered, Mixed.** Flowers curled like an ostrich feather. Pkt. 5 cts., 1/4 oz. 15 cts.
1099 Thompson's magnifica. Feathered. Of pyramidal growth, attaining a height of a little more than 2 feet, and producing graceful, feathery plumes of the most brilliant shades of yellow and red. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt. 10 cts., 1/4 oz. 35 cts.

CHRYSANTHEMUMS

The glorious and showy autumn blooming Chrysanthemums now so much admired and cultivated.

- 1120 Indicum, Double Mixed.** Flowers very large and double; all colors. Pkt. 20 cts., 1/16 oz. 75 cts.
1122 Marguerite (Painted Daisy). Blooms all summer and makes a gorgeous display. Hardy annual. Pkt. 5 cts., 1/4 oz. 20 cts.
1123 Shasta Daisy. New. The finest ever introduced. Annual Mixed. Pkt. 5 cts., 1/4 oz. 25 cts.

CLARKIA

This pretty and easily grown annual has been much improved in recent years, and is now seen as a cut flower in most of the large cities of Europe, they do well either in sun or shade, growing 2 to 2 1/2 feet high, with leafy racemes of double flowers, which all open in water when cut. 1 foot.

- 1134 Mixed.** Pkt. 5 cts., 1/4 oz. 15 cts.

CLEMATIS. See Vines

COBAEA. See Vines

COLEUS

- 1150 Large-leaved, Copper-colored.**

Plants grow about 2 feet high. The foliage is a beautiful bronze or copper color and is quite distinct. Pkt. 10 cts., 1/32 oz. \$3

- 1151 Large-leaved Fringed.** Large leaves, deeply cut and fringed. Embracing combinations of markings entirely new. Pkt. 10 cts., 1/32 oz. \$3

- 1152 Finest Mixed.** Pkt. 5 cts., 1/16 oz. 50c

GIANT-FLOWERING-COSMOS

Beautiful autumn blooming plants. They produce thousands of beautiful flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decoration when other flowers are scarce. Should be sown in spring, in the open ground, when danger of frost is past. When the plants are about a foot high the tops should be pinched out to induce a bushy growth.

- 1170 Klondyke Golden Yellow.** Pkt. 5c., 1/4 oz. 60 cts.

- 1171 New Giant Mixed.** All colors. Pkt. 5 cts., 1/4 oz. 15 cts.

- 1173 White Pond Lily.** Flowers 5 inches across; white, with yellow center. Pkt. 5c., 1/4 oz. 25 cts.

- 1175 Holmes' Mammoth Perfection Mixture.** The highest standard of perfection in Cosmos yet reached. We offer here the most magnificent mixture of Cosmos in the world. They are the latest developments in this favorite autumn-flowering garden annual; the flowers are giants, often 4 inches across, double the size of the old large-flowering Cosmos. The petals are broader and overlapping, forming a perfectly round flower, deeply ribbed and of splendid substance. Plants 5 to 6 feet high, of symmetrical, pyramidal form, are one mass of feathery, emerald-green foliage, studded with giant flowers of white, pink or crimson. Pkt. 10 cts., 1/4 oz. 25 cts.

- 1176 Dawn, New Early Dwarf Large-flowering.** Compact; grows only 4 feet. Pure white, with a tinge of rose. Blooms from July until frost. Pkt. 5 cts., 1/4 oz. 20c.

- 1177 Mammoth Pink.** Pkt. 5c., 1/4 oz. 20c.
1178 Mammoth Crimson. Pkt. 5 cts., 1/4 oz. 20 cts.

- 1179 Rainbow.** All colors in one flower. Pkt. 5 cts., 1/4 oz. 35 cts.

COLUMBINE. See Aquilegia.

CONVOLVULUS. See Vines.

CYPERUS

- 1188 Alternifolius.** Very desirable house plant. Pkt. 10 cts., 1/4 oz. 25 cts.



Clarkia



Dianthus Chinensis (See page 53)

CUPHEA

- 1199 Platycentra (Cigar Plant).** An old and favorite plant for the summer flower garden; useful also for baskets, vases, etc., bearing innumerable vermilion tube shaped flowers. Easily raised from seed, which should be sown in early spring in greenhouses, hotbed or window. Pkt. 10 cts., 1/4 oz. \$1.

COREOPSIS. See Calliopsis

CORNFLOWER. See *Centaurea Cyanus*

CACALIA (Tassel Flower)

Very pretty summer flowering garden plant. Prized for cutting. 2 1/2 feet. Annual.

- 1189 Mixed Colors.** Pkt. 5 cts., 1/4 oz. 15 cts.

CLEOME (Giant Spider Plant)

A showy garden annual, producing curious heads of flowers of bright rose color, with long antenna like stamens of easy cultivation, blooming from early to late. 4 to 5 feet.

- 1190 Pungens.** Pkt. 5 cts., 1/4 oz. 35 cts.

CANNAS

Seed sown in hotbed or greenhouse from January to April will produce flowering plants by July.

- 1191 Mixed.** Pkt. 5 cts., 1/4 oz. 25 cts.

CROTOLARIA

Golden Bush Pea, or Florida Rattlebox)

A beautiful, bushy garden annual, with golden yellow, sweet-pea like flowers, often 40 blossoms on one spike. It blooms profusely throughout the summer until killed by frost. Seed pods, when shaken, sound like a child's rattle.

- 1192 Retusa.** Pkt. 5 cts., 1/4 oz. 25 cts.

COIX LACHRYMA (Job's Tears)

1198 Annual ornamental grass and a favorite of all flower lovers. The leaves are broad and corn-like, the seeds produced are hard, with a shining pearly appearance. Interesting to children, who oftentimes string the seeds as beads. Pkt. 5 cts., 1/4 oz. 35 cts.

CENTAUREA

- 1193 Imperialis.** A beautiful bouquet flower, blooming first year from seed. This new mammoth-flowering variety produces long-stemmed blossoms 3 to 4 inches across, graceful and most deliciously fragrant—the colors of the flowers are infinitely varied from glistening white through shades of red, from flesh-pink to crimson and through blues from silvery lilac to royal-purple, violet with white center, etc.; for bouquets they are of exceptional value. If cut scarcely opened they will last for ten days in water. Plants are of easiest culture. 2 to 3 feet high. Mixed. Pkt. 5 cts., ¼ oz. 15 cts.
- 1194 Cyanus.** Some varieties are indispensable for borders and edges of beds, while others are noted for their beautiful flowers. 2 to 3 feet. Blue. Pkt. 5 cts., ¼ oz. 35 cts.
- 1195 Double-flowered, Mixed.** Pkt. 5c., ¼ oz. 15 cts.
- 1196 Pure White.** Pkt. 5 cts., ¼ oz. 15c.
- 1197 Gymnocarpa** (Dusty Miller). Elegant silvery white foliage; splendid bedding plant. 1 foot. Pkt. 5 cts., ¼ oz. 15c.

CYPRESS VINE. See Vines.
DAISY. See Bellis.

DAHLIAS

- Dahlias grown from seed flower the first season and produce some of the most beautiful new varieties.
- 1200 Superb Single Mixed.** Pkt. 5 cts., ¼ oz. 15 cts.
- 1202 Double Large-flowered Mixed.** Pkt. 5 cts., ¼ oz. 35 cts.
- 1203 Choice Mixed Pompons.** Pkt. 5 cts., ¼ oz. 35 cts.

DIGITALIS (Foxglove)

Fine plant for the mixed border, or for planting in groups near a walk or drive. The racemes of flowers are often 2 feet long, containing scores of the prettily spotted, thimble-shaped flowers. Perfectly hardy.

1205 Monstrosa, Mixed. Pkt. 5c., ¼ oz. 15c.

DICTAMNUS (Gas Plant)

Showy border perennial, about 2½ feet; fragrant foliage and spikes of curious flowers, giving off during hot weather a fragrant volatile oil, which ignites when a match is applied to it.

1206 Rosea. Pink flowers. Pkt. 5c., ¼ oz. 35c.

1207 Alba. Pure white. Pkt. 5c., ¼ oz. 35c.

DUSTY MILLER. See *Cineraria candidissima*.



Centaurea Imperialis

DELPHINIUM (Larkspur)

Perennial Larkspur. Branches often 3 to 4 feet high and spikes 6 to 10 inches long; flowers of the most brilliant shades. Splendid for cutting.

- 1208 Formosum, Mixed.** Pkt. 5c., ¼ oz. 50c.
- 1209 Fine Mixed.** Pkt. 5 cts., ¼ oz. \$1.

DIANTHUS

One of the best annuals for abundance of bloom. For bedding purposes they are of great value during the entire summer, and they also furnish elegant flowers for bouquets.

DOUBLE VARIETIES

- 1213 Chinensis** (Double-flowering Pinks). Blooms continually from early summer until fall from seed sown in the spring. The flowers are very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. Pkt. 5c., ¼ oz. 15c.
- 1214 Dwarf Snowball.** Fringed; white. Pkt. 5 cts., ¼ oz. 25 cts.
- 1215 Dwarf Fireball.** Blood-red, globe-shaped flowers. Pkt. 5 cts., ¼ oz. 25 cts.

SINGLE VARIETIES

- 1216 Salmon Queen.** Brilliant salmon. Pkt. 10 cts., ¼ oz. 25 cts.
- 1217 Stellaris, Star Pink.** Pkt. 5 cts., ¼ oz. 25 cts.
- 1218 Dainty.** New. Pink; very rich. Pkt. 10 cts., ¼ oz. 25 cts.
- 1219, Japonicus, Eastern Queen.** Prettily marbled. Pkt. 5 cts., ¼ oz. 20 cts.
- 1220 Plumarius** (Pheasant's Eye). White flowers, with dark center. Pkt. 5 cts., ¼ oz. 15 cts.
- 1221 Scoticus** (Florist's Pink). Pkt. 5 cts., ¼ oz. 15 cts.
- 1223 Laciniatus, Single Finest Mixed.** Pkt. 5 cts., ¼ oz. 20 cts.
- 1224 Large White.** Very large, resembling the carnation. Pkt. 5 cts., ¼ oz. 25 cts.

DATURA

1230 Cornucopia (Horn of Plenty). The flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until fall. Plants 2 to 3 feet high. Pkt. 5 cts., ¼ oz. 25 cts.

EUPHORBIA

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

- 1250 Variegata** (Snow-on-the-Mountain). Attractive foliage, veined and margined with white. 2 feet. Pkt. 5 cts., ¼ oz. 15c.

ESCHSCHOLTZIA

(California Poppy)

Compact and bushy, exceedingly graceful in habit, with fine foliage and covered with a mass of showy flowers. Hardy annual. 1 to 2 feet.

- 1253 Hunnemanian.** Sometimes called Bush Eschscholtzia. 2 feet high. Bright yellow blossoms on stems a foot long. Large flowers with petals crinkled like crushed satin, lasting a long time in water after being cut. Foliage like Eschscholtzia. Begins to bloom early and continuously. Pkt. 5 cts., ¼ oz. 25c., oz. 45c.
- 1254 Golden West.** Yellow. Pkt. 5 cts., ¼ oz. 15 cts.
- 1255 Mandarin.** Orange. Pkt. 5 cts., ¼ oz. 15 cts.
- 1256 Rose.** Pkt. 5 cts., ¼ oz. 15 cts.
- 1260 Finest Single Mixed.** Pkt. 5 cts., ¼ oz. 25 cts.

- 1212 Holmes' Mammoth White.** Pkt. 5 cts., ¼ oz. 15 cts.

EVERLASTING. See Helichrysum.

FUCHSIA (Lady's Eardrop)

A well-known plant of easy culture for the house or shady situations in the garden. Seed saved from the finest single and double named sorts.

- 1265 Mixed.** Pkt. 20 cts., 100 seeds 60 cts.

FEVERFEW (Matricaria)

Very free-flowering hardy annuals, bearing an abundance of double white flowers until frost. 1½ feet.

- 1271 Double White.** Pkt. 5 cts., ¼ oz. 15c.

FORGET-ME-NOT. See Myosotis.

GERANIUM (Pelargonium)

Better known and more universally admired than any other plant. If sown early will bloom first season. 1½ feet.

- 1273 Zonale, Mixed.** Extra fine. Pkt. 5c., ¼ oz. 50 cts.
- 1274 Pelargonium, Mixed** (Lady Washington). The very fanciest selection of this favorite. Pkt. 10 cts., 100 seeds \$1.



Eschscholtzia, Golden West



Double Dahlia

GAILLARDIA (Blanket Flower)

The profusion, size and brilliancy of the Gaillardia flowers render them very desirable for masses, borders and for cutting. Hardy annual. 2 feet.

- 1275 **Mixed Pieta Varieties.** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1276 **Salmon-red.** Single, with a bright orange edge. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1277 **Lorenziana fl. pl.** Large showy flowers. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1278 **Perennis grandiflora, Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.
 1279 **Sulphurea oculata.** Pale sulphur, with dark maroon eye. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

GOLDENROD (*Solidago canadensis*)

1280 The well-known golden-yellow favorite; the National flower; hardy perennial. 2 to 5 feet. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

GLOBE AMARANTH (*Gomphrena*)

Popularly known as Bachelor's Buttons. A good bedding plant. Flowers can be dried and used in winter bouquets.

- 1281 **Aurea superba.** Golden yellow. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1282 **Nana compacta.** Red; 1 foot. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1283 **Mixed.** 2 feet. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

GODETIA

The Godetias are constant bloomers and their delicate tints of crimson, rose and white render them very attractive. Flowers 3 to 4 inches across. Annual. 1 to 2 feet.

- 1285 **Bijou.** Blush-colored. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1286 **Gloriosa.** Large, satiny, blood-red. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1287 **Finest Mixed, Dwarf.** Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

GLOXINIA

The gorgeous flowers produced in the greatest profusion, are of the most exquisite colors. Foliage has a rich, velvety appearance. 1 $\frac{1}{2}$ foot.

- 1296 **Holmes' Tiger-spotted and Stained Extra Fine Mixed.** The colors blend in superb manner. Pkt. 20 cts., 1-32 oz. \$2.50.

GOLDEN GLOW. See Rudbeckia.

GOURDS. See Vines.

GOLDEN FEATHERS. See Pyrethrum.

HONESTY (*Lunaria*)

A pretty plant, with curious seed-pouches, often used for house ornaments. 2 feet.

- 1355 **Biennis (Satin Flower).** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.



Hibiscus, Golden Bowl

HELICHRYSUM (Straw-Flower)

Showy annuals. Flowers large and double, in shades of white, yellow, crimson, etc.; handsome as garden plants and valuable as an everlasting for winter bouquets. 1 to 2 feet.

- 1305 **Dwarf Double Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

HUNNEMANNIA. See Eschscholtzia

BEAUTIFUL NEW HELENIUM, BIGELOWII

1313 One of the most exquisite hardy perennials that blooms the first year when started early, and continues throughout the summer to produce in greatest profusion its charming daisy-like flowers of bright yellow with black center. Splendid for cutting and extremely showy for garden decorations. Pkt. 10c., 3 pkts. 25c., $\frac{1}{4}$ oz. 50c.

HELIOTROPE

- 1339 **Holmes' Mammoth Blue.** True blue coloring. The heads of blossoms of this variety often measure a foot across, the individual florets are also very large, and their delicious perfume is just as enchanting as in the old, small flowering types. Seed sown in the spring produces full-grown plants by July, which flower in the garden until frost, or are grown in pots for winter flowers. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.
 1340 **Choice Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.

HIBISCUS (Mallow)

Splendid bedding plants of the easiest culture, bearing in profusion pretty, showy colored flowers of fine size. Hardy perennial. Blooms first year from seeds. 2 to 3 feet.

- 1356 **Golden Bowl.** Large cup-shaped flowers from 6 to 9 inches in diameter; of a rich deep cream, with a velvety maroon center. The plants commence to bloom early and continuously until cut down by frost. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.
 1357 **Moscheutos roseus.** Rose colored. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.
 1358 **Palustris.** Pink. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.



Holmes' Mammoth Blue Heliotrope



Helium Bigelowii



Lantana hybrida

HELIANTHUS (Sunflower)

They are effective among shrubbery, or for screening unsightly places. 4 to 8 feet.

- 1341 **Cucumerifolius.** Dwarf; small yellow flowers, resembling daisies; fine for cutting. Pkt. 5 cts., oz. 20 cts.
- 1342 **Double Multiflora.** Produces a branch at each leaf and each branch produces a fine double flower. Pkt. 5 cts., ½ oz. 15 cts.
- 1343 **"The Dahlia."** Double; golden yellow. Pkt. 5 cts., oz. 20 cts.
- 1344 **Silver-leaved.** Foliage silvery; flowers rich yellow and black. Pkt. 5 cts., oz. 15 cts.
- 1345 **Miniature.** Small flowers. 3 feet. Pkt. 5 cts., oz. 15 cts.

HESPERIS. See Virginian Stocks.

HOLLYHOCK

The Hollyhock, in its present state of perfection, is one of the most majestic of hardy plants. For planting among shrubbery or forming a background for other flowers it is without an equal. Hardy perennial. 4 feet.

- 1360 **Chater's Superb Double.** Has the finest shades of color and contains the most exquisite varieties of this favorite flower. Pkt. 5 cts., ¼ oz. 75 cts.
- 1362 **Allegheny.** The flowers of this type often measure 5½ inches in diameter, are semi-double and composed of fringed and crinkled petals, resembling rosettes of satin. The colors are shell-pink, rose and ruby-red. The plants are hardy and large, robust growers; the flowers are gracefully and carelessly placed among the large leafy branches, which suits the airy style of flowers, showing them off to the best advantage. Seed should be sown in April or May to produce flowers the next year. Average height 4 feet. Hardy perennials. Pkt. 10 cts., ½ oz. 20 cts.

HUMULUS. See Vines.

IBERIS. See Candytuft.

IPOMCEA. See Vines.

ICE PLANT (Mesembryanthemum)

Annual, bearing small white flowers. The almost transparent leaves, if held in the hand, feel cold as ice. ½ foot.

- 1365 **Crystallinum.** Pkt. 5 cts., ½ oz. 15 cts.
- 1366 **Tricolor (Wax Plant).** Mixed colors. Pkt. 5 cts., ¼ oz. 15 cts.

IONOPSIDIUM ACAULE (Diamond Flower)

1367 A charming little gem, forming tufts but a few inches high and covered with violet flowers in June, and frequently blooming again in the autumn; excellent for sowing on the rockery, also on the top of pots containing large plants, where it soon forms a moss-like covering. Sow out-of-doors in May. Annual. Pkt. 10 cts., ½ oz. 35 cts.

IRIS (Flowering Flag)

1368 **Kämpferi (Japanese Iris).** This is one of the showiest of the "Flags," and now extensively used in the hardy garden. The seeds in our collection have been saved from the most exquisite varieties. Blooms the second year from seed. Pkt. 5 cts., ¼ oz. 25 cts.

1369 **Newest Japanese Varieties.** Finest mixture. Pkt. 10 cts., ¼ oz. 75 cts.

IMPATIENS SULTANI (Touch-me-not, or Zanzibar Balsam)

Beautiful annual, producing bright waxen flowers of rosy scarlet all-the-year-round. 1 foot. Pkt. 10 cts., 1-32 oz. 75 cts.

JAPANESE VIRGIN'S BOWER. See Clematis. **JAPANESE HOP.** See Humulus.

JOSEPH'S COAT. See Amaranthus. **JERUSALEM CHERRY.** See Solanum.

KOCHIA TRICOPHYLLA (Standing Cypress, or Belvedere)

1375 An annual which, sown thinly in spring, soon forms a cypress-like hedge of rich green of perfect symmetry; by midsummer it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide one part of the garden from the other, or for forming a hedge for the summer for any purpose. Pkt. 5 cts., ¼ oz. 20 cts.

KENILWORTH IVY. See Linaria.

KUDZU VINE. See Vines.

LOVE-LIES-BLEEDING. See Amaranthus.

LINARIA. See Vines.

LANTANA, HOLMES' MIXED HYBRIDS

1390 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; verbena-like heads of orange, white, rose and other colored flowers. Sow seed early indoors for flowers the first season; pot and sow inside over winter. 2 feet. Mixed colors. Pkt. 5 cts., ¼ oz. 15 cts.

LAVENDER (Lavandula vera)

1392 Well-known, sweet-scented, hardy perennial; should be extensively grown in every flower garden. 3 feet. Pkt. 5 cts., ¼ oz. 15 cts.

LARKSPUR

Annual varieties. One of the best known of garden flowers. A vast improvement has been effected in the size and color of the blossoms and the general habit of the plants, which are a mass of bright blooms from June until frost.

1395 **Emperor, Double Mixed.** Pkt. 5c., ¼ oz. 15 cts.

1396 **Tall Rocket (Hyacinth-flowered).** Double; finest mixed. Pkt. 5c., ¼ oz. 15c.

See Delphinium for Hardy Perennial Larkspur.

LOVE-IN-A-MIST. See Nigella.



Larkspur, Tall Rocket



Holmes' Impatiens Sultani



Marigold, Eldorado or Dahlia-flowered

LAVATERA

Very desirable for growing in masses for a rich display of large flowers from July till September. 2 feet.

1400 **Trimestris, Mixed.** Pkt. 5c., $\frac{1}{4}$ oz. 15c.

LEMON VERBENA

1403 A universal favorite, with beautiful pale green, lemon-scented foliage and lilac-tinted flowers. Tender perennial. Pkt. 5 cts., $\frac{1}{4}$ oz. 50 cts.

LADY SLIPPER. See Balsam.

LOVE-IN-A-MIST. See Nigella.

LUNARIA. See Honesty.

LOBELIA

Very fine plants for edging in flower-beds, their brilliant shades of blue and white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding.

1405 **Heterophylla Major.** One of the best for this climate, coming into flower early, standing the heat well and continuing to bloom without interruption until frost. The plant forms dense globular bushes about 6 inches high, completely smothered with flowers, which are of very large size, over an inch across, and of a most brilliant sky-blue, with a clear white eye.

1406 **Crystal Palace.** Best dwarf blue. Pkt. 5 cts., $\frac{1}{4}$ oz. 35 cts.

1407 **Compacta alba.** White; trailing. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

1408 **Compacta, Finest Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

1409 **Cardinalis hybrids** (Cardinal Flower). Rich fiery cardinal flowers; strong plants often producing ten to eighteen spikes 12 to 24 inches long. Pkt. 10 cts., 1-32 oz. \$1.25.

LYCHNIS CHALCEDONICA (Jerusalem Cross)

1402 A handsome, hardy herbaceous plant, and, although perennial, it blooms increasing all the first year if seed is sown early. Grows 2 feet, is of easiest culture, growing in any rich garden soil. The plant when adorned with its glowing scarlet flowers is attractively ornamental and deserves a place in every garden. Very effective for massing in beds and borders. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.



Lobelia

MIMULUS

Named from the resemblance of the corolla to a mask or face. The colorings or markings are rich in the extreme.

1440 **Moschatus** (Musk Plant). Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 40c.

1441 **Tigrinus** (Monkey Flower). Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.

MARVEL OF PERU (Four O'clock)

Beautiful summer blooming annuals of bushy habit, each plant bearing hundreds of large flowers of white, yellow or crimson throughout the summer. 2 feet.

1465 **Variegated.** Brilliant flowers—gold-striped foliage. Pkt. 5 cts., oz. 15 cts.

MADAGASCAR PERIWINKLE. See Vinca.

MARIGOLD

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers and are well adapted for large beds or mixed borders; the latter are dwarfier in growth, with beautifully striped flowers, and better suited for bedding purposes or for pot culture; they succeed best in light soil, with full exposure to the sun.

AFRICAN

1410 **Lemon Queen.** Lemon-colored. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1411 **Double Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1412 **Eldorado, or Dahlia-flowered.** Yellow shades, mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

FRENCH

1420 **Legion of Honor.** Yellow and brown. 1 foot. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1421 **Striped, Tall.** Single. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1422 **Brown, Marbled.** Small plants. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1424 **Tall.** Double Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1429 **Dwarf Striped.** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

MIMOSA (Sensitive, or Humble Plant)

1466 **Pudica.** Curious and interesting annuals, with purplish white flowers—the leaves close and droop when touched or shaken. 1 $\frac{1}{2}$ feet. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.



Holmes' Mignionette, Golden Queen

MIGNONETTE**Holmes' Sweet-Scented Golden Queen**

1453 One of the grandest Mignionettes for garden culture, of strong growth, luxuriant foliage, healthy and deep-rooted. The average spikes of flowers are immense and are compactly filled with giant florets measuring one half inch across and packed full, even in the center, with anthers of three times as many as the older Mignionettes contain. The color of the florets, rich golden yellow, presents an effective contrast against the healthy, rich green foliage. Very fragrant and very fine for cutting. Pkt. 5 cts., $\frac{1}{4}$ oz. 15c., oz. 50c.

OTHER VARIETIES OF MIGNONETTE

1450 **Holmes' Dwarf Midget.** Rich golden yellow—fragrant. Pkt. 5c., $\frac{1}{4}$ oz. 40c.

1451 **Allen's Defiance.** Red. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

1452 **Odorata grandiflora** (Sweet Mignionette). Pkt. 5 cts., oz. 20 cts.

1454 **Gigantea.** Tall mixed. Pkt. 5c., oz. 40c.

1457 **Bismarck.** Largest of all; improved Midget, best for cutting. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts.

1458 **Giant Pyramidal.** Bright red. Pkt. 5 cts., oz. 25 cts.

1459 **Goliath.** Large double red flowers. Pkt. 5 cts., $\frac{1}{4}$ oz. 50 cts.



Lychnis chalconica

Holmes' Wonderful Mixture of Tall Nasturtiums

THE BEST MIXTURE, MADE OF TWENTY SEPARATE NAMED COLORS

1501 Splendid for covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc. Nothing can equal the gorgeous effect produced by their marvelous quantities of bloom, borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and rapidity of luxuriant growth render them worthy a place in every flower garden. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., $\frac{1}{2}$ lb. 60 cts., lb. \$1.

TALL NASTURTIUMS

Tropaeolum majus, Separate Colors

These include climbing sorts suitable for trellis, porch or veranda decorations. 5 to 15 ft.

1500 Jupiter. Glowing yellow, with blending of lemon and orange. Pkt. 10 cts., oz. 15 cts.

Any one of the following varieties, pkt. 5 cts., 7 pkts. for 25c., oz. 10c., $\frac{1}{4}$ lb. 35c., $\frac{1}{2}$ lb. 60c., lb. \$1.

1503 Atropurpureum. Dark crimson.

1504 Chameleon. New. Mixed

1505 Dunnett's Orange. Blotched red.

1506 Edward Otto. Brown.

1507 Hunnamannia. Chocolate.

1509 Pearl. Pure yellow.

1510 Prince Henry. Marbled scarlet.

1511 Regelianum. Violet-crimson.

1512 Scheuermanni. Spotted.

1513 Scheuermanni coccineum. Red.

1514 Schillingii. Yellow, blotched.

1515 Vesuvius. Handsome; salmon-rose.

Tropaeolum Canariense

1516 Canary-bird Vine. A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt. 5 cts., oz. 20 cts.

Tropaeolum Lobbianum

Also a splendid climber; flowers are not so large, but their colors are very rich and are borne in greater profusion. 10 to 12 feet.

1520 Lobb's Finest Mixture. All the richest shades of these varieties. Pkt. 5 cts., oz. 10c., $\frac{1}{4}$ lb. 35 cts., $\frac{1}{2}$ lb. 60 cts., lb. \$1.

DWARF NASTURTIUMS

Holmes' Tom Thumb Mixture

1550 Magnificent bedding plant bearing gorgeous masses of beautiful shades of crimson, orange, brown and white flowers the entire season. The flowers of this mixture often measure 3 inches across and their brilliancy and velvety richness is enchanting. We cannot attempt to describe the exquisite blendings and markings of the vari-colored varieties contained in this, our own mixture. It is made up of seed saved from the most beautiful varieties only. For summer flower-beds nothing can surpass them. Seeds sown in the open ground in the spring will produce plants that commence blooming during early summer and continue until severe frosts. 1 foot. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 45 cts., $\frac{1}{2}$ lb. 80 cts., lb. \$1.50.

Dwarf Varieties, Separate Colors

1549 Golden Queen. Magnificent. Bright yellow. Pkt. 10 cts., oz. 20 cts.

Any one of the following varieties, pkt. 5 cts., 7 pkts. for 25 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., $\frac{1}{2}$ lb. 65 cts., lb. \$1.

1551 Aurora. Variegated.

1552 Beauty. Orange and scarlet.

1554 Bronze. Rich bronze.

1555 Chameleon (Carter's). Variegated.

1556 Coerulea roseum. Pretty blush.

1557 Crimson. Bright crimson.

1558 Crystal palace Gem. Sulphur-yellow.

1561 Deep Scarlet. Orange-crimson.

1562 Empress of India. Scarlet-flowered.

1563 Golden King. Bright yellow.

1564 King of Tom Thumbs. Fine deep scarlet.

1565 King Theodore. Chocolate.

1566 Lilli Schmidt. Orange and brown.

1567 Pearl. Nearest to white.

1569 Ruby King. Ruby-rose.

1570 Scheuermanni coccineum. Bright orange.

1571 Spotted King. Yellow, chocolate spots.

1572 Lady Bird. Extra choice; the colorings are superb.



Nicotiana glauca

MYOSOTIS (Forget-Me-Not)

Very beautiful little plants, with star-like flowers blooming the first year from seed if sown early. Tender perennial.

1467 Palustris. True Forget-Me-Not. Pkt. 5 cts., $\frac{1}{8}$ oz. 30 cts.

1468 Alpestris alba. Beautiful white flowers; grows 6 inches high. Pkt. 5c., $\frac{1}{8}$ oz. 15c.

MALLOWS. See Hibiscus.

MAURANDYA. See Vines.

MONKEY FLOWER. See Mimulus.

MOONFLOWER. See Ipomœa.

MOMORDICA. See Vines.

MYRSIPHYLLUM. See Smilax.

MATRICARIA. See Feverfew.

OLD MAID. See Vinca.

NIEREMBERGIA (Cup Flower)

A half-hardy perennial, slender-growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out. 1 ft.

1490 Frutescens. White, tinted with lilac. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

NICOTIANA (Ornamental Tobacco)

Showy, of very branching habit, with star-shaped flowers of the purest white; very fragrant. First-class bedding plant. 3 feet.

1470 Affinis. White; very sweet-scented. Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts.

Beautiful New Hardy Annual Nicotiana, Sanderae

A FIERY MASS OF BRIGHT CARMINE FLOWERS

1471 The plant, with its graceful and copiously branching habit, is laden with flowers from base to summit, literally ablaze with the most handsome carmine-red blossoms. The photograph shows a plant grown in the open ground. Its combined hardiness and character of producing flowers continuously (from May until frost) in all kinds of soil and situations are its best recommendations. Very sweet-scented; grows 2 feet high. Pkt. 10 cts., $\frac{1}{8}$ oz. 35 cts.

NYMPHAEA (Water Lily)

Nothing is prettier than Water Lilies in bloom. Few know that they may be grown from seed. To break the monotony of the numerous bedded plants nothing is equal to a half-barrel or tub of Water Lilies set in the flower-garden.

1480 Zanzibarensis. Purple flowers. Pkt. 10 cts., 1-16 oz. \$1.25.

1481 Lotus. Yellow. Pkt. 10 cts., 1-16 oz. 50 cts.

1482 Alba. White. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.

NIGELLA (Love-in-a-Mist)

The pretty flowers of this plant are surrounded by a delicate wreath of fine mossy green fibers; useful in masses or on border. 1 foot.

1487 Damascena, Double Mixed. Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts.



Dwarf Nasturtium

PANSIES

Holmes' Unexcelled Giant Exhibition Mixture

1575 No Pansies in the world can surpass this selection of mammoth specimen flowers. Our ambition in this mixture is "perfection," and we have never seen any Pansies to equal these either in size, form or markings. It is a selection of the most gorgeous named exhibition flowers, and we make it up of seed saved from the largest, most perfect in form and markings, and brightest, showiest flowers, selected personally from the beds of our Giant varieties. A bed of these makes an effect too gorgeous to describe. The price may seem a little high to some, but we are sure that after you have grown them you will say the seed was worth ten times what you paid. Pkt. 20 cts., 3 pkts. 50 cts., 1/2 oz. \$1.25, 1/4 oz. \$2, 1/2 oz. \$3.50, oz. \$7.

Giant Pansy, Masterpiece

1576 Enormous flowers, 4 inches across, daintily ruffled edges, clearly distinct markings and, in fact, a flower of recent introduction that has won volumes of praise from lovers of this particular flower. It is a master indeed of its class. Pkt. 15 cts., 2 pkts. 25 cts., 1/4 oz. \$1.25, 1/2 oz. \$2.

Holmes' Giant Splendid Pansies

1577 A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from center to circumference, not unlike "frilled" velvet. The flowers are extraordinarily large and are borne on strong stems well above the foliage; they are nearly all five-blotched on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met in other Pansies. Splendid selection for garden and florists. Mixed colors, pkt. 10 cts., 1/2 oz. 75 cts., 1/4 oz. \$1.50, 1/2 oz. \$2.25, oz. \$4.

1579 **Giant Adonis.** Light blue, with a yellowish white face and dark blotches. Pkt. 10 cts., 1/4 oz. 50 cts.

1582 **Giant Bronze Colors.** Mixed. Pkt. 10 cts., 1/4 oz. 50 cts.

1583 **Giant Fire King.** New; brilliant red and yellow. Pkt. 10 cts., 1/4 oz. 50 cts.

1586 **Giant Lord Beaconsfield.** Deep purple-violet, shading to white at top. Pkt. 10 cts., 1/4 oz. 50 cts.

1588 **Giant Snow Queen.** Satiny white, center tinged yellow. Pkt. 10c., 1/4 oz. 50c.

1589 **Giant Striped.** Differs from the Improved Striped in vigorous growth and size of blooms. Pkt. 10 cts., 1/4 oz. 50 cts.

1590 **Giant Fancy (Improved Cassier).** Rich colors, mixed. Pkt. 15 cts., 1/4 oz. \$1.

1591 **Giant Five-spotted.** This variety represents the highest perfection in Pansies. Pkt. 15 cts., 1/4 oz. 75 cts.

1592 **Giant Canary-bird.** Bright golden yellow, marked on each petal with a large dark blotch. Pkt. 15 cts., 1/4 oz. \$1.

1594 **Improved German, Splendid Mixed.** From finest strains. Pkt. 5c., 1/4 oz. 30c., oz. \$1.



Specimen Pansy of Holmes' Famous Giant Exhibition Mixture, 3 1/2 inches across from top to bottom.

PETUNIAS

New Superbissima Petunia, Holmes' Mammoth Rheingold

1705 An entirely new variety of this favor to flower. Introduced last year. The flowers of the Rheingold variety are enormous, perfectly shaped and of a pure golden yellow with a broad, clear white margin. It is the finest of all. Pkt. 25 cts., 2 pkts. 45 cts., 1-32 oz. \$1.75.

New Fimbriata Petunia, Canary-bird

1706 A magnificent flower. This is the first yellow Petunia. The plants average 14 inches high and are covered with beautifully fringed flowers of a distinct yellow, which deepens in the throat, the majority of the flowers coming true. We recommend it highly. Pkt. 35 cts., 2 pkts. 65 cts., 1-32 oz. \$1.75.



Petunia, Holmes' Defiance Large-flowering.

1708 **New Star Petunia.** Perfect star in center of each flower. Pkt. 10 cts., 1/4 oz. 75 cts.
1710 **Holmes' Defiance, Large-flowering.** Flowers 5 inches in diameter and all colors. Pkt. 20 cts., 1-32 oz. \$2.50.

Holmes' Fancy Fringed Petunia

1712 Few flowers afford greater effectiveness for outdoor decoration. This variety is one of the best of all Petunias. Give it very rich fine earth, a sunny situation, being careful that the seed is merely covered when sown. Sowing seed too deep is often the cause of failure to grow this charming favorite. All colors mixed. Pkt. 10 cts., 3 pkts. 25 cts., 1-32 oz. \$1.75.

1713 **Hybrida, Finest Mixed.** Pkt. 5 cts., 1/4 oz. 15 cts.

1715 **Double Giant.** Extra fine double. Pkt. 20 cts., 1-32 oz. \$7.

PASSIFLORA (Passion Flower) See Vines. PORTULACA. See Vines and Trailers.

PELARGONIUM. See Geranium.

PAINTED DAISIES. See Chrysanthemum.

PICOTEE. See Carnation.

PINKS. See Dianthus.

PLATYCODON. See Campamba.

POT MAR'GOLD. See Calendula.



Holmes' Fancy Fringed Petunias



Holmes' Chinese Primrose

PHLOX

In elegance, brilliancy of coloring and long duration of bloom the Phlox is a worthy rival of the petunia. $\frac{3}{4}$ foot.

- 1719 **Holmes' Large-flowering Finest Mixed.** Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts.
- 1720 **Splendid Mixed.** Pkt. 5c., $\frac{1}{2}$ oz. 35c.
- 1721 **Starred and Fringed.** Little stars of unusual beauty, bordered with pure white. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.
- 1722 **Scarlet (Meteor).** Pkt. 5c., $\frac{1}{2}$ oz. 25c.
- 1723 **Alba.** Pure white. Pkt. 5c., $\frac{1}{2}$ oz. 25c.
- 1725 **Apricot Color.** Pkt. 10c., $\frac{1}{2}$ oz. 75c.
- 1726 **Shell-Pink.** Pkt. 5 cts., $\frac{1}{2}$ oz. 25c.
- 1727 **Dwarf Compact.** Choicest mixture. Pkt. 5 cts., $\frac{1}{2}$ oz. 60 cts.
- 1728 **Hardy Perennial, Mixed.** This hardy variety blooms continuously throughout the summer, withstands the winter and becomes a permanent inhabitant of the flower garden, if desired. Grows from 2 to 3 feet high and bears large heads of finely colored flowers, covering the entire plant. Should be in every garden. Splendid also for bouquet work. Pkt. 10 cts., 3 pkts. 20 cts., $\frac{1}{2}$ oz. 60 cts.

POPPIES

Very showy. For beds or borders, with a background of green, they are beautiful. Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanding, the flowers will last several days.

SINGLE POPPIES

- 1744 **Brilliant.** New. An entirely new peony-flowered Poppy; bright red. Pkt. 10 cts., oz. 25 cts.
 - 1745 **Maid of the Mist.** Single peony-flowered white. Fine fringed. Pkt. 10 cts., oz. 20 cts.
 - 1748 **Admiral.** A single peony-flowered variety of surpassing beauty, having large smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts.
 - 1749 **Dwarf Shirley.** Very fine. Grows only 9 inches high; flowers 3 inches across and of the richest colorings. Pkt. 10 cts., oz. 35 cts.
 - 1753 **Japanese Dwarf Mixed.** Pkt 10 cts., oz. 35 cts.
 - 1754 **Tulip-flowered.** Tulip-shaped. Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts.
 - 1757 **Danebrog.** Single; scarlet, with white spot on base of petals. Pkt. 5 cts., oz. 20c.
- CALIFORNIA POPPY.** See Eschscholtzia.

DOUBLE POPPIES

- 1747 **Golden Gate.** Every conceivable combination of colors in both semi-double and double flowers. Pkt. 5 cts., oz. 25 cts.
- 1750 **Improved Carnation, Mixed.** Pkt. 5 cts., oz. 20 cts.
- 1751 **Peony-flowered, Mixed.** Pkt. 5 cts., oz. 20 cts.
- 1755 **Hybrid Cardinal.** Enormous scarlet flowers. Pkt. 5 cts., oz. 20 cts.
- 1758 **Iceland.** All colors; fragrant. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

HARDY PERENNIAL POPPIES

- 1759 **Bracteatum.** Red. Pkt. 5 cts., oz. 35 cts.
- 1760 **Hybrid Mixed.** Pkt. 5 cts., $\frac{1}{2}$ oz. 40c. See other Poppies below.



Shirley Poppies

NEW GIANT

HARDY ORIENTAL POPPIES

1761 Among hardy perennials these hold an unrivaled position in gardens and hardy borders; height 1 to 3 feet; flowers often 6 inches across. Salmon, Fiery Scarlet, Rose, Lilac and Copper-color, Pink Blotched, Purple, Blood-red Blotched, Black, Orange, etc. Mixed colors, pkt. 10c., $\frac{1}{2}$ oz. 75c.

PURPLE FEATHER GRASS

A magnificent ornamental grass that flowers the second season. Grown for its graceful plumes. Hardy perennial.

- 1765 **Feather Grass.** Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

PHYSOSTEGIA (False Dragon Head)

Beautiful perennials, forming dense bushes 3 to 4 feet high, producing in great abundance spikes of delicate white, pink, purple and red tubular flowers in terminal leafless clusters.

- 1766 **Denticulata.** Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

PRIMULA (Chinese Primrose)

The charming and beautiful Chinese Fringed Primroses and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of our most important winter-blooming pot plants.

- 1774 **Forbesi (Baby Primrose).** This is the freest-flowering Primula we know of. The little plants throw up tiny flower stalks when only a few weeks old. These should be pinched off and the plants kept growing until October, and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never-ending profusion. Pkt. 15 cts., 1-32 oz. 50 cts.
- 1775 **Holmes' Prize Mixture.** This, our special Prize Mixture of fringed varieties, is the finest grown. Its size and beauty are surpassed by none. Pkt. 20 cts., 1-32 oz. \$1.
- 1778 **Obconica.** Very large-flowering. Mixed. Pkt. 15 cts., 1-16 oz. 75 cts.

PLATYCODON

(Balloon-Flower, or Japanese Bell-Flower)

In constant flower from spring to late fall. Covered with a mass of blue and white bell-shaped flowers. Splendid for cutting. Hardy perennial.

- 1767 **Grandiflorum, Mixed.** Pkt. 5c., $\frac{1}{2}$ oz. 25 cts.

PYRETHRUM

Handsome herbaceous plants of easy culture, and becoming more popular as they become better known.

- 1780 **Grandiflorum.** This new large-flowering form produces blooms frequently measuring over 4 inches in diameter in all the variations of color between light rose and deep carmine. $\frac{1}{2}$ oz. 35 cts.

PUERARIA THUNBERGIA. See Kudzu Vine.

RICINUS (Castor Oil Plant)

Planted in groups it gives a magnificent appearance, or planted thick it makes a fine screen or hedge. Annual. 5 to 8 feet.

- 1800 **Zanzibariensis.** 12 to 14 feet. pkt. 5 cts., oz. 15 cts, $\frac{1}{2}$ lb. 50 cts.
- 1801 **Mixed.** Many choice varieties. Pkt. 5 cts, oz. 10 cts., $\frac{1}{2}$ lb. 35 cts.
- 1802 **Major, Mixed.** Very large. Pkt. 5 cts., oz. 10 cts., $\frac{1}{2}$ lb. 35 cts.



Star Phlox

RUDBECKIA (Cone-flower)

Forms a many-branched dense bush producing its long stemmed flowers in abundance. Hardy perennial. 3 feet

1805 Superba. Golden yellow Pkt 5 cts., 1/4 oz. 15 cts.

1806 Laeliniata, Golden Glow. Pkt. 10c., 1/4 oz. 20 cts.

ROSEMARY (Rosmarinus)

1808 Officinalis. An old favorite aromatic herb, delightfully fragrant; flowers light blue; grows about 2 feet high. Should be planted in a warm, dry situation and given a little protection. Pkt. 5 cts., 1/4 oz. 15 cts.

SALPIGLOSSIS (Velvet Flower)

One of the greatest favorites because of its beautiful almost orchid-like flowers.

1810 Emperor. Various colors; netted and veined with golden yellow Pkt. 5 cts., 1/4 oz. 50 cts.

1811 Fine Mixed Hybrids. Pkt. 5 cts., 1/4 oz. 20 cts.

1812 Variabilis superbissima aurea. New. Very fine. Pkt 15 cts., 1/4 oz. 35 cts.

STOKESIA

1813 Cyanea. The plants grow from 18 to 24 inches high and begin flowering in July, continuing without interruption till late in October to produce their handsome lavender-blue, centaurea-like blossoms, which are highly valuable for cutting. Remember, it is perfectly hardy, therefore is just what you want. Pkt. 10 cts., 3 pkts. 25c., 1/4 oz. 75 cts.

SCABIOSA (Mourning Bride)

Splendid border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. 2 feet.

1820 Dwarf Double Mixed. Finest double flowers of various colors. Pkt. 5 cts., 1/4 oz. 15 cts.

1822 New Double Black. Elegant black-purple flowers. Pkt. 5 cts., 1/4 oz. 15 cts.

STOCKS

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color and profusion and duration of bloom it is unsurpassed. 1 to 1 1/2 feet.

1830 Ten Weeks' Princess Alice, or Cut-and-Come-Again. White Pkt. 5 cts., 1/4 oz. 50 cts.

1831 Holmes' New Largest-flowering Globe Pyramidal. Mixed Pkt 5c., 1/4 oz. 50 cts.

1832 Emperor, Mixed. Pkt 5 cts., 1/4 oz. 50 cts.

SWEET ROCKET

(Hesperis)

1838 Old fashioned garden plant, and among the most desirable of hardy flowers; also known as Dame's Rocket and Dame's Violet, grows from 2 to 3 feet high and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border. Mixed colors. Pkt 5 cts., 1/4 oz. 15 cts.

SWEET SULTAN. See Centaurea.

SOLANUM (Jerusalem Cherry)

1834 Capsicastrum. A very pretty pot plant for winter decoration, bearing hundreds of bright scarlet berries. 1 foot. Pkt 5 cts., 1/4 oz. 25 cts.

SWEET WILLIAM (Dianthus barbatus)

For bedding, bordering or cutting this favorite is invaluable, bearing fragrant masses of rich flowers. Hardy biennial. 1 1/2 feet.

1811 Holmes' Giant Double Mixed. A superb strain of largest double flowers. Pkt 10 cts., 1/4 oz. 20 cts.

1842 Brilliant Red. Very striking. Pkt 5 cts., 1/4 oz. 25 cts.

1843 Pure White. Pkt. 5 cts., 1/4 oz. 25 cts.

1814 Perfection Single Mixed. Flowers all single. Pkt. 5 cts., 1/4 oz. 20 cts.

SALVIA (Flowering Sage)

An excellent bedding plant, sending out a mass of fiery red spikes of flowers. Very popular half-hardy perennial, blooming first year from seed.

1815 Fire-ball. New. Very fine Dwarf Pkt. 10 cts., 1/4 oz. \$1.

1816 Bonfire (Clara Bedman). Compact bush; scarlet flowers. Pkt. 5c., 1/4 oz. 75c.

1817 Splendens (Scarlet Sage) Bright scarlet. Pkt. 10 cts., 1/4 oz. 30 cts.

New Very Dwarf Salvia, Zurich

DWARFER THAN FIREBALL

1818 Too much cannot be said of the magnificent display afforded by the gorgeous globe of crimson-scarlet flowers which entirely covers the compact bush of this popular favorite. For bedding in mass or with other harmonious colors it is very effective and lasting. Pkt. 10 cts., 3 pks. 25 cts., 1/4 oz. \$1.25.

SCHIZANTHUS (Butterfly Flower)

1835 Wisetonensis. Compact, pyramidal plants, covered with countless orchid-like flowers of every color. Pkt. 20c., 1/4 oz. 75c.

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

1845 Hybrida. Early and continuous flowering. Readily grown from seed, many flowering the first year if sown early. Pkt. 10 cts., 1/4 oz. \$1.

THALICTRUM

Very graceful, pretty flowered plants, with lovely cut foliage. Starting to bloom in May, they continue through June to send forth their attractive flowers in abundance. 3 feet

1846 Aquilegifolium. Rose lilac. Pkt 5c., 1/4 oz. 20 cts.

1847 Glaucum. Yellow Pkt 5c. 1/4 oz. 20c.

VERONICA

An elegant border plant, growing 3 feet high, producing long spikes of beautiful flowers, the spike lengthening with age; lasts for weeks.

1848 Spicata. Blue. Pkt 5c. 1/4 oz. 25c.

VIOLETS

(Old fashioned sweet scented Violets)

1819 Single. Pkt. 5 cts., 1/4 oz. 50 cts.

VINCA (Madagascar Periwinkle)

Continual and profuse bloomer, and we recommend it to our customers both for bedding and pot culture. 1 1/2 feet.

1850 Fine Mixed. Pkt 5 cts., 1/4 oz. 25 cts.

VERBENA

Plants from seed produce more flowers than those from cuttings. 1 1/2 to 2 feet.

1860 Extra-Choice Mixed. Very fine. Pkt 5 cts., 1/4 oz. 25 cts.

1861 Holmes' Mammoth. Selected flowers. Pkt 10c. 1/4 oz. 30 cts.

1862 Scarlet Defiance. Glowing scarlet. Pkt 5 cts., 1/4 oz. 50 cts.

1863 Pure White. Pkt. 5 cts., 1/4 oz. 50 cts.

1864 Blue. White eye. Pkt 5c. 1/4 oz. 50c.

1865 Blood-red, with White Center. One of the most beautiful. Pkt. 10c. 1/4 oz. 50c.

1866 Auricula-flowered. Striped. Pkt. 5 cts., 1/4 oz. 50 cts.

WALLFLOWER

The massive spikes of sweet scented flowers are very conspicuous in beds and borders, desirable for cutting. 1 1/2 feet.

1875 Fine German Double Mixed. Pkt 5 cts., 1/4 oz. \$1.

1876 Single Mixed. Pkt 5 cts., 1/4 oz. 20 cts.

ZINNIAS

(Youth-and-Old-Age)

Large, free-growing plant, always popular. Flowers all summer, making the most brilliant display possible. An excellent border plant. 1 to 2 ft.

1880 Holmes' Double Yellow. Dwarf bush; deep orange. Pkt 5 cts., 1/4 oz. 15c.

1881 Giant Mammoth. Immense double flowers of various striking colors. Pkt 5c., 1/4 oz. 20 cts.

1882 Dwarf Snowball. Double, pure white. Pkt 5 cts., 1/4 oz. 20 cts.

1883 Dwarf Fireball. Fiery scarlet. Pkt 5 cts., 1/4 oz. 20 cts.

1884 Pompon. All colors, mixed. Pkt 5 cts., 1/4 oz. 20 cts.

1885 Striped Zebra. Double, striped. Pkt 5 cts., 1/4 oz. 20 cts.

1889 Elegans, Double Mixed. Saved from selected flowers. Pkt. 5 cts., 1/4 oz. 20 cts.



Salpiglossis, Emperor

GRAND NEW "ORCHID-LIKE" SWEET PEAS

(The Countess Spencer Type)

Magnificent flowers, with superb and charming form, exquisitely colored, enormous in size and in their entirety of a type so noble and grand as to compel love and admiration for themselves from all who see them

NOTE.—The standard of the Sweet Pea is the top petal, and of the wings the two lower petals

- 2000 **Countess Spencer.** Bright clear pink, showing a little deeper at the edges. The form is open and the margin of the petals is wavy. Both standard and wings are very large, the blossoms often measuring 2 inches across; the stems are long, and it possesses every characteristic that can be desired in a Sweet Pea. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2001 **Helen Lewis.** The standard is intense crimson-orange, wings are orange-rose; enormous flowers with open form and wavy edges. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2002 **George Herbert.** The flowers are generally borne four on a stem, are of gigantic size, with ruffled, wavy edges; bright rose-carmine, showing veins of a deeper shade. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2003 **Mrs. Charles Mander.** Rich purplish magenta; very large, open, wavy form of the Countess Spencer type. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2004 **Phenomenal.** The mammoth flowers are silvery white, faintly suffused with soft pink and beautifully edged with rich purple; the petals are all delicate and wavy. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2005 **Queen Alexandra.** Giant intense scarlet flowers of semi-hooded form borne on long, strong stems; very fine. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2006 **White Spencer.** Enormous pure white flowers; beautifully poised wings, which are large and wavy, and the standard is erect, crinkled and fluted. Of splendid substance and, in our estimation, is the finest absolutely pure white Sweet Pea in existence. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.
- 2007 **Primrose Spencer.** A distinct primrose, or creamy yellow, throughout both standard and wings. The large orchid-like flowers are borne profusely on stems 10 to 12 inches long. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.
- 2008 **Agnes Eckford.** One of the most beautiful soft delicate shades of pink; wide open wings; three flowers to a stem. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.
- 2009 **Henry Eckford.** No other Sweet Pea is so beautiful for table decoration. Flowers exceptionally bright and distinct in shade; color a clear, bright flaming orange. As the sun burns them badly, they should be cut when just opening and allowed to develop in a vase of water to get the true effect of their unique and exquisite color. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.
- 2010 **Helen Pierce.** Flowers are pure white, veined, mottled and marbled with bright blue; very unique coloring, which can be described as being marked like a blue mottled gloxinia. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.
- 2011 **Gladys Unwin.** Clear, bright light pink; large with open form and wavy edges. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.
- 2012 **Nora Unwin.** A very beautiful pure white, with open, wavy flowers, three to a stem. One of the grandest whites yet introduced. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.
- 2013 **Phyllis Unwin.** Large, crinkled, wavy rose-carmine flowers, 3 and 4 to the stem. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.
- 2014 **Frank Dolby.** Light lavender, same shade as Lady Grisel Hamilton, but is larger and has a bold, wavy standard; widely spreading, fluted wings. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

SPECIAL OFFER. We will send one packet of each of the above **Fifteen Grand Varieties of "Orchid-Like" Sweet Peas** for 40 cts. Compare this offer with any other offer of any seedsman in the United States and you will not find its equal for liberality and quality. Send for it now—40 cts., postpaid.

2030 **HOLMES' SPECIAL "ORCHID-LIKE" SWEET PEA MIXTURE.** A grand mixture of all the "Orchid-Like" varieties, a selection that is unequalled for size, beauty, length of stem, free-flowering and substance. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.50.

Our Idea of the Best Standard Varieties

- 2031 **Best Extra-Early Pink—Xmas Pink.** A distinct class. Planted in the greenhouse in October, they flower for Xmas and give cut-flowers all winter and up until June. Long stems, large flowers. For garden culture they are the earliest, but the flowers are smaller and stems rather short.
- 2032 **Best Extra-Early Pink and White.** Earliest of all.
- 2033 **Best Pink and White.** Blanche Ferry. Flowers larger than Earliest of All; two weeks earlier than others.
- 2034 **Best Extra-Early White.** Mont Blanc blooms in nine weeks. Plant of dwarf habit.
- 2035 **Best Pure White.** Dorothy Eckford. Very large.
- 2036 **Best Pure Crimson and Scarlet.** King Edward VII.
- 2037 **Best Cerise.** Coccinea.
- 2038 **Best Rose and Carmine.** Prince of Wales.
- 2039 **Best Deep Pink.** Janet Scott.
- 2040 **Best Clear Pink.** Lovely; very fine; generally four flowers to a stem.
- 2041 **Best Blush.** Duchess of Sutherland.
- 2042 **Best Dark Blue.** Navy blue.
- 2043 **Best Light Blue.** Countess of Cadogan.
- 2044 **Best Primrose-Yellow.** Hon. Mrs. E. Kenyon.
- 2045 **Best Orange.** Miss Willmott.
- 2046 **Best Lavender.** Lady Grisel Hamilton.
- 2047 **Best Mauve.** Mrs. Walter Wright.
- 2048 **Best Violet and Purple.** Duke of Westminster.
- 2049 **Best Magenta.** George Gordon.
- 2050 **Best Maroon.** Othello.
- 2051 **Best White, Pink Edged.** Dainty.
- 2052 **Best Red Stripes.** America.
- 2053 **Best Blue Stripes.** Princess of Wales.

Any of the above mentioned as Standard Varieties (from 2031 to 2053), pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1

SPECIAL OFFER. We will send one packet each of the above twenty-three Standard varieties for 50 cts., postpaid.

2060 **HOLMES' SUPERFINE MIXTURE.** This, our own mixture of Tall-Growing Sweet Peas is known in every section of the world where Sweet Peas are grown. It has an individuality which makes it a distinct mixture. Our superfine mixture contains all of those superb varieties mentioned above which were awarded **First Prize** by the National Sweet Pea Society at the Royal Horticultural Hall, London. We are proud of this mixture, that is why we call it "Superfine," knowing that it is superior to all. Pkt. 10c., oz. 15c., ¼ lb. 30 cts., ½ lb. 50c., lb. \$1.

2062 **DWARF SWEET PEAS.** For pot culture or bedding. Plants grow 6 or 7 inches high. Give them a place and you will be greatly pleased with the result. (2063) **Dwarf Mixed**, (2064) **Dwarf White**, (2065) **Dwarf Pink**. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

DOUBLE MIXED SWEET PEAS. Not every flower produced is double, but a large percentage. (2065) **Best Double Mixed**. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., ½ lb. 35 cts., lb. 60 cts.



Holmes' Superfine Mixture of Sweet Peas

VINES, TRAILING AND CLIMBING

ASPARAGUS

1923 Sprengeri. Fine for baskets or conservatory. Pkt 10 cts., 100 seeds 50 cts.
1924 Plumosus nanus. A dainty feathery fern. Pkt 15 cts., 100 seeds \$1.

ALLEGHENY VINE (Adlumia). Sometimes called Wood Fringe, Mountain Fringe or Climbing Fumitory. This graceful hardy climber deserves a place in every garden. For covering trellises, tree stumps, etc., it is very desirable. It is biennial, but renews itself, and will remain for years. Sow seed in the spring, in a cool, damp place, and transplant in autumn.

1925 Cirrhosa. Pkt. 5 cts., 1/2 oz. 30 cts.

ABRONIA (Sand Verbena). An elegant trailer, very desirable for hanging-baskets, garden borders or rockwork, bearing clusters of beautiful, fragrant flowers. Remove husks before sowing seed. Sow in May. Annual.

1930 Umbellata. Pkt. 5c., 1/2 oz. 20c

ARISTOLOCHIA (Dutchman's Pipe). A beautiful and rapid climber, with large heart-shaped leaves and singular siphon-shaped, rich, purplish-brown flowers, resembling miniature pipes. Effective for verandas. Hardy perennial. 15 to 30 feet.

1931 Sipro. Pkt. 10 cts., 1/2 oz. 50 cts.

BALLOON VINE (Cardiospermum halicacabum) A very pretty and graceful climber of spreading habit, producing small white flowers. Called Love in a Puff Annual. 10 feet.

1933 Balloon Vine. Pkt. 5c., oz. 25c.

CLEMATIS (Japan Virgin Bower). The leaves are of a bright, glossy green, and when in bloom the plant is completely hidden beneath a blanket of white, hawthorn-scented blooms. 8 to 10 feet.

1934 Paniculata. Pkt. 5c., 1/2 oz. 25c.

COBAEA (Cup-and-Saucer). Elegant, rapid-growing climber, attaining a height of 20 to 30 feet.

1935 White. Pkt. 5 cts., 1/2 oz. 50 cts.

1936 Violet-blue. Pkt. 5 cts., 1/2 oz. 25c

CONVOLVULUS (Morning-Glory). This favorite vine is splendid for screens, it grows rapidly and bears its various-colored flowers in great profusion.

1940 Rochester. Flowers blue, white edge. Pkt 5 cts., oz. 25 cts.

1941 True Japanese Morning-Glory.

Large flowers of exquisite colorings, foliage variegated. Pkt. 5c., oz. 25c.

1942 Fine Mixed. Pkt. 5c., oz. 15 cts.

1943 Tricolor, or Minus. Rich-colored

trailing plants, producing in beds and mixed borders an unusually brilliant effect. 1 foot. Pkt. 5 cts., oz. 15 cts.

CYPRESS VINE (Ipomoea quamoclit). This pretty climber has a delicate, dark green, feathery foliage and an abundance of bright, star-shaped, scarlet or white blossoms. 20 feet high. Tender annual.

1945 White. Pkt. 5 cts., oz. 25 cts.

1946 Scarlet. Pkt. 5 cts., oz. 25 cts.

1947 Mixed. Pkt. 5 cts., oz. 25 cts.

CALLIRHOE (Poppy Mallow). An elegant trailing plant, with finely divided foliage and large saucer-shaped flowers of deep rosy crimson, with white centers, which are produced during the entire summer.

1948 Invulcrata. Pkt. 5 cts., 1/2 oz. 20c.

ECHINOCYSTIS (Wild Cucumber Vine). One of the quickest growing vines we know of, attaining a height of 30 feet in a season; white fragrant flowers borne in great profusion; dense foliage.

1949 Lobata. Pkt. 5 cts., 1/2 oz. 20 cts.

GOURDS. Summer climbers of luxuriant growth, for covering arbors, etc. They bear fruits known as Ornamental Gourds, which, when allowed to ripen on the vines, can be kept for months as curiosities. 10 to 30 feet Annual.

1950 Mixed Ornamental. Pkt 5 cts., oz 25 cts.

1951 Sugar Trough (Sap Bucket). Pkt 5 cts., oz 25 cts.

1952 White Egg (Nest Egg). Like an egg. Pkt 5 cts., oz 25 cts.

1953 Dish Cloth. Pkt 5 cts., oz. 25 cts.

1954 Mock Orange. Pkt. 5 cts., oz. 25c.

HUMULUS (Japanese Hop). A summer climber, in three or four weeks' time attaining a height of 20 to 30 feet.

1959 Japonicus variegatus. This variegated variety is still better than the



Humulus Japonicus

offered formerly, inasmuch as the foliage is remarkably attractive. It is a rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet. Being an annual, it attains full perfection the first season. The foliage is luxuriant, making a dense covering for verandas, trellis, etc. Heat, drought and insects do not trouble it. Pkt. 5 cts., 1/2 oz. 20 cts., oz. 35 cts.

IPOMOEA (Evening Glory) So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, pure white, sweet scented flowers 1 to 5 inches across. Tender annuals. 15 to 20 feet. Soak seed and plant in warm, sunny place.

1960 Bona Nox. White. Pkt. 5c., oz 25c

1961 Choice Mixed. All Varieties. Pkt 5 cts., oz 25 cts.

1962 Mexicana grandiflora alba. White. Pkt 5 cts., oz 40 cts.

1963 Hybrida. Blue. Pkt. 5 cts., oz 25c.

LINARIA (Kendal Ivy, or Mother of Thousands) This hardy little climber clings to walls, etc., and is a valuable trailing plant for hanging baskets, vases, rockwork etc. Hardy perennial. 3 to 6 ft.

1965 Cymbalaria. Violet flowers. Pkt. 5 cts., 1/2 oz. 35 cts.

KUDZU VINE. See Pueraria

MAURANDYA. Graceful climber for greenhouse, parlor, basket or outdoor purposes. Set out in the border with a little frame to which to attach their tendrils, they will be loaded all the season with rich purple, white, or rose foxglove-shaped blossoms.

1970 Fine Mixed. Pkt 5 cts., 1/2 oz 25 cts.

1971 Large-flowering Rose. New. Pkt 5 cts., 1/2 oz. 25 cts.

1972 Dark Purple. Pkt 5 cts., 1/2 oz. 25c.

MOMORDICA. Annual climber, with large leaves, making dense shade. The flowers are followed by ornamental large fruits of orange or copper color, which burst and expose their red centers.

1975 Balsamina (Balsam Apple).

Pkt 5 cts., oz 25 cts.

1976 Charantia (Balsam Pear). Pkt 5 cts., oz. 25 cts.

PASSIFLORA (Passion Flower).

1977 Coerulea. Blue. Intensely interesting. Their wax-like flowers measuring 2 to 3 inches across derive their name from the resemblance afforded by the parts of the plant to the instruments of our Lord's Passion and its attendant circumstances, thus the three nails—two for the hands and one for the feet—are represented by the stigma, the five anthers indicate the five wounds, the rays of glory, or, as some say, the crown of thorns, are represented by the rays of the "corona," the ten parts of the perianth represent the disciples, two being absent (Peter, who denied, and Judas, who betrayed our Lord), and the wicked hands of his persecutors are seen in the digitate leaves of the plant and the scurges in the tendrils. These flowers are beautiful, and the vines grow 8 to 10 feet and are free flowering. Start in the house in March and transplant in May. Pkt. 5 cts., 1/2 oz. 25 cts.

PORTULACA. Any dry, bare spot in the garden exposed to the burning sun and not fit for anything else will be the very place for Portulacas. Annual. Trailing.

1980 Finest Single Mixed. Brilliant color. Pkt 5 cts., oz 35 cts.

1981 Double Rose-flowered Mixed. The

brilliance of this mixture is unequalled.

Pkt 5 cts., 1/2 oz. 50 cts.

PUERARIA (Japanese Kudzu Vine)

1982 Thunbergiana. The fastest-growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy purple, pea-shaped blossoms towards the close of August. Pkt. 10 cts., 1/2 oz. 30 cts.

SMILAX, 10 feet, Tender perennial.

1985 Myrsiphyllum asparagoides. Pkt.

5 cts., 1/2 oz 25 cts.

THUNBERGIA (Black-eyed Susan). A beautiful, tender climber 3 to 5 feet high, with white, pale yellow or orange-colored flowers, having a distinct black center.

1988 Alata, Mixed. Pkt 5c., 1/2 oz 20 cts.

Hardy Roses, Hedge and Climbing Plants

PLEASE NOTE.—We have a complete LANDSCAPE GARDENING DEPARTMENT and will be glad to offer suggestions and quote price on arranging your hardy garden beds and on any shrubbery you may desire. Write us.

THE MOST DESIRABLE HARDY GARDEN

ROSES

ALL ARE POT-GROWN IRISH EVERBLOOMING ROSES

The plants we offer are all two-year-old, pot-grown, 2 feet high, many of them in bud when shipped. All are absolutely free from disease and guaranteed to be satisfactory. We handle no "bargain" plants. If it's quality you want send us your order. If it's quantity—figure it out—which is the cheapest in the end.

Any of the following large 2-year-old plants 50 cts. each, \$5 per doz., by express, you pay the express; 1-year-old plants of the same varieties 25 cts. each, \$2.50 per doz., you pay express

Souv. de Pierre Notting. Superb new Tea Rose, which is the result of cross of Marechal Niel on Maman Cochet. Blooms very large, well filled and opens easily. Color, apricot-yellow, tinged with golden, mixed with orange-yellow, edge of petals shaded beautiful carmine-rose; open flower is full and double and of good substance. In quantity of bloom it is reached by no other known rose.

Kaiserin Augusta Victoria. (Hybrid Tea.) One of the most desirable white Roses for summer bedding; large, strongly fragrant flowers of snowy whiteness, produced in great profusion; a strong, healthy grower, with large foliage.

Killarney. A splendid new Hybrid Tea Rose; strong, robust grower; free, continuous bloomer; color is brilliant, sparkling pink; flowers are extra large and the buds long and pointed. Altogether a Rose of unusual beauty and excellence.

Clothilde Soupert. One of the freest-flowering Roses in our collection, producing in large clusters beautiful, perfect double flowers of a French-white, deepening to rosy blush in the center.

Duchesse de Brabant. One of the most deliciously scented and beautiful old varieties in cultivation, being of free growth, always in bloom and of a most desirable color; a beautiful silvery pink.

Etoile de Lyon. A splendid rich yellow, beautiful in the bud as well as in the flower.

Francisca Kruger. A fine bedding Rose; color, coppery yellow, shaded with peach; large and full.

Hermosa. The old favorite bright rich pink, which is always in bloom.

Maman Cochet. An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery rose; borne on long, stiff stems; very double and exquisite when in bud.

White Maman Cochet. Identical with Maman Cochet, except in color; an ideal bedding variety; pure white.

Frau Karl Druschki. This is an ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

Helen Gould, or Baldwin. An excellent bedding variety, with large, full flowers of fine form, bright, glowing carmine; the buds are long and pointed and sweet as a June Rose; a free and continuous bloomer.

General Jacqueminot. Brilliant scarlet-crimson.

La France. An old favorite and probably the most popular Rose the world over. A model garden Rose in every way; flowers clear satiny pink; large, very full and of perfect form.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape; very distinct and pleasing.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose; strong, vigorous grower.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering.

Paul Neyron. Very large, dark Rose; an old favorite.

CLIMBING ROSES

Notice the size of these plants. They will give you satisfaction.

Crimson Rambler. Plants 2 to 3 feet, 50 cts. each.

Pink Rambler. Plants 2 to 3 feet, 50 cts. each.

White Rambler. Plants 2 to 3 feet, 50 cts. each.

Yellow Rambler. Plants 2 to 3 feet, 50 cts. each.

HEDGE PLANTS

CALIFORNIA PRIVET (*Ligustrum ovalifolium*). Of all ornamental hedge plants this is the most popular, and more of it is planted remaining on the plant until midwinter. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees where other plants would not exist. The most advantageous manner of planting is in double rows, the two rows being about 8 inches apart. The smallest size plants here offered should be set 10 to 12 inches apart in the row—alternating the plants—while the larger sizes may be set 12 to 15 inches apart. In order to secure a dense hedge from the base up, the plants should be severely pruned the first two seasons. **Plants 18 to 24 inches, \$3 per 100, \$22 per 1,000. Plants 2 to 3 feet, \$5 per 100, \$40 per 1,000. 3 to 4 feet, \$6.50 100, \$60 per 1,000.**

ARBORVITAE. You can have a hedge 150 long, beautiful in appearance, at a total cost of \$2. We have an immense supply of these plants. Order as many lots as you want. We are making a special offer of 200 4- to 8-inch trees, delivered anywhere, for only \$2, or 150 8- to 12-inch trees, delivered anywhere for only \$2.

An illustrated pamphlet of Planting Instructions will be sent free to every one who accepts this special offer. This little pamphlet will be of great value to many heretofore unsuccessful planters, and by following the instructions given there need be no failures and every tree can be made to live and thrive. More than 600,000 of them sold last spring and all are pleased with them. **Always shipped separately and not with other goods.** No order accepted for less than one lot at these prices. We can ship this evergreen all through late winter, spring and up to June 10th with perfect safety. It does not start new growth until after June 15.

HARDY CLIMBING PLANTS

(See page 62 for Vines From Seed)

Prices quoted are for large pot-grown plants that must be shipped by express, you paying the express charges, or send 15 cts. extra for each plant and we will pay all charges

AMPELOPSIS Veitchi (Boston Ivy, or Japan Ivy). Foliage rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Plants 2 to 3 feet, 40 cts.

ARISTOLOCHIA siphon (Dutchman's Pipe Vine). A rapid-growing climber, singular brownish colored flowers, resembling a pipe. Light green leaves; very large plants. 12 to 18 inches, 60 cts. each.

BIGNONIA (Trumpet Creeper). For covering stumps, rock-work. The rich orange-scarlet flowers are large, attractive and borne profusely when the plant attains a fair size. Plants 2 to 3 feet, 35 cts. each.

CLEMATIS paniculata (Japanese Virgin's Bower). Of strong, rapid growth, with small, green foliage and pure white, deliciously fragrant flowers which appear in the greatest profusion in August. 3-year-old plants, 45 cts. each.

C. Jackmani. The popular rich purple variety. 3-year-old plants, 45 cts.

C. Henryii. Similar to Jackmani, except that it has large creamy white flowers. 45 cts. each.

C. crispa. Bears an abundance of pretty bell-shaped, fragrant lavender flowers, with white center, from June until frost. Plants from 5-inch pots, 65 cts. each.

HONEYSUCKLES, Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant. Plants from 5-inch pots, 65 cts. each.

Halliana. Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers freely. Plants from 5-inch pots, 65 cts. each.

Heckrottii. Deep red flowers, with yellow throat; in bloom continuously. 45 cts. each.

HARDY JASMINES (Nudiflorum). Fragrant yellow flowers; needs protection in this latitude. Plants from 5-inch pots, 65 cts. each.

Officinale. Pure white, fragrant; hardy, with protection in this latitude. Plants from 5-inch pots, 65 cts. each.

CHINESE WISTARIA. When given a sunny situation and liberal manuring it grows rapidly, and presents, when in bloom, a magnificent appearance.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. Extra-strong plants, 2 to 3 feet, 50 cts. each.

Alba. Of similar habit to Sinensis, with pure white flowers; a lovely climber. Plants, 1 foot grafted, 75 cts. each.

SUMMER-FLOWERING BULBS

Plant in April and May for Flowers in June, July, August and September

Amaryllis Formosissima

(JACOBÆAN LILY)

Flowers resemble lilies, and are very attractive; the glowing crimson color lightens up the entire garden. 8 cts. each, 75 cts. per doz., postpaid



Large-Flowered Canna

Spotted-Leaf Calla Lily

(RICHARDIA ALBA MACULATA)

Leaves of this variety are deep green with numerous white spots. Flowers are pure white, black center. 10 cts. each, \$1 per doz., postpaid.

Caladium Esculentum (ELEPHANT'S EAR)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn, it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water and an abundance of rich compost. Foliage light green. When full size it stands 6 to 10 feet high, and bears immense leaves, 3 to 4 feet long by 2½ feet wide. Extra-large bulbs, 25 cts. each, \$2.50 per doz., \$15 per 100. First size bulbs, 15 cts. each, \$1.50 per doz., \$10 per 100. Second size bulbs, 10 cts. each, \$1 per doz., \$7.50 per 100. If wanted by mail, add 8 cts., 10 cts. and 15 cts. each, according to size, for postage.

Hyacinthus Candicans

(THE GIANT SUMMER HYACINTH)

A luxuriant growing, summer-flowering plant, spreading 2 to 3 feet, throwing up great tall spikes 4 to 5 feet in height, each bearing 20 to 30 large white, bell-shaped flowers, of easiest culture and splendid for groups. If planted in the center of beds of scarlet Gladiolus, such as Breuchleensis, the effect is magnificent. 4 cts. each, 30 cts. per doz., \$3 per 100, postpaid.

Large-Flowering Cannas

LIST CONTAINS THE VERY BEST VARIETIES. LARGEST FLOWERS AND RICHEST SHADINGS. SUPERB BEDDING PLANT

The following grow 3 to 4 feet high

- Alsace.** Pale sulphur, changing to creamy white, planted in conjunction with the high-colored sorts it makes a fine contrast. 4½ feet
- Beaute Poltevine.** Brilliant crimson with scarlet shadings, a grand dwarf variety, never exceeding 3 feet, foliage green.
- Buttercup.** The nearest approach to a clear yellow. 3 feet
- Duke of Marlborough.** The finest of the very deep crimson, fine individual blooms in large trusses, free-flowering, foliage green. 4 feet.
- Egandale.** A favorite bronze-leaved sort, brilliant red flowers. 4 ft.
- Florence Vaughn.** Bright, rich golden yellow, spotted with red. 4 feet
- Mme. Crozy.** Popular bright scarlet, golden edge, foliage green. 4 feet.

The following grow 5 to 6 feet high

- Mlle. Berat.** The nearest approach to a pink in a first-class bedder, foliage green. 4 feet
 - Alphonse Bouvier.** Finest tall brilliant crimson, foliage green. 6 feet.
 - Austria.** Lily-flowered Canna. In truth a giant, with flowers 6 to 8 inches across; grows over 6 feet high, surmounted with glories, lily-like flowers, rich golden yellow with great patches of brilliant reddish crimson and irregular spots of the same shade on the upper petals. 6 feet
 - Italia.** Bright orange-scarlet, with broad golden yellow border; the flowers are produced on massive stems, set well above the foliage, which is large and heavy. 6 feet
 - Pennsylvania.** One of the best; the flowers, which measure fully 6½ inches in diameter, are produced remarkably free and are of an intense vermilion-scarlet, overlaid with an orange sheen, foliage rich green.
- Any of the above roots, 10 cts. each, \$1 per doz., postpaid; plants 12 inches high, ready in May, 15 cts. each, \$1.50 per doz., by express (express charges not prepaid).

Gloxinias

The handsomest of our summer-blooming plants, flowers being beautiful in the extreme, many of them beautifully speckled. 12 cts. each, \$1 per doz., postpaid.

Begonias, Tuberous-Rooted

(SINGLE MIXED)

The flowers are brilliant and large, handsomely formed, and of wonderful size, often measuring from 4 to 6 inches in diameter. Fine either as pot or bedding plants. 8 cts. each, 75c. per doz., postpaid.



Tuberous-Rooted Begonias

Cinnamon Vine

A most beautiful and satisfactory hardy climber for covering trellis, piazzas, screens or anything on which the vines can twine; it grows from 15 to 30 feet high, and when the roots become large and established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers are borne in clusters and, while insignificant, they emit a most delightful cinnamon-like perfume. The roots are thoroughly hardy, remain in the ground for years, increasing in size and vigor, but the vine dies down every winter shooting up with great rapidity in the spring. Large 2-year-old roots, 8 cts. each, 80 cts. per doz.; 1-year-old roots, 4 cts. each, 35 cts. per doz.



Mrs. Roosevelt, New Shell-pink Dahlia

NEW DAHLIAS

ALL ARE VERY ATTRACTIVE

Selected at our Annual Exhibit as the best of their respective classes. Our Special Dahlia Catalogue sent free upon application

All Dahlias listed 15 cts. each, \$1.60 per doz., except where noted

Decorative Dahlias

- Mrs. Roosevelt, New Shell-pink.** Mammoth in size, 6 to 8 inches across, perfectly double, a magnificent flower. Strong root, 25c ea.
- Clifford W. Bruton.** Immense size, perfect form, finest canary-yellow.
- Perle d'Or.** The grandest double white, of beautiful chrysanthemum shape.
- Zulu.** "The Black Dahlia;" very black velvety maroon.
- Grand Duke Alexis.** Giant flowers, petals rolled and white tinged pink.

Cactus Dahlias

- Aegir.** Best bright red yet introduced, petals twisted and incurved most peculiarly. 20 cts. each.
 - Kriemhilde.** Charming, delicate pink shading to white in center. 25 cts. each.
 - Volker.** Very fine yellow.
 - Winsome.** Undoubtedly the finest, pure white Cactus to date.
- See our Special Dahlia Catalogue for complete list of Cactus varieties

Show Dahlias

- Sir Charles Mills.** Pure golden yellow.
- Mrs. Gladstone.** Exquisite, delicate shell-pink.
- Storm King, or Blizzard.** New snow-white, produces twice as many flowers as any other. 20 cts. each.
- George Smith.** Finest, large, crimson.

Fancy Dahlias

- Prof. Mansfield.** Flowers very large, golden yellow, tipped white, sometimes golden yellow, tipped red, and other times yellow shading to red, tipped white. Distinct and one of the largest, often measuring 6 inches in diameter. Roots, 25 cts. each, \$2.50 per doz.
- Decorato, or White.** Suffused pink, spotted and penciled with crimson.
- Fern-leaved Beauty.** Fern-leaved sort; white, striped deep crimson.
- American Flag.** Pure white, striped crimson.
- Penelope.** White, flaked lavender. Most beautiful and chaste.
- Olympia.** Flowers of immense size. Color is deep rose-pink, striped, and penciled crimson. Roots, 25 cts. each, \$2.50 per doz.

GLADIOLUS

THESE MIXTURES PRODUCE FLOWERS UNSURPASSED IN SIZE AND REMARKABLE VARIATION OF COLORS

Groff's New Hybrids

These magnificent new hybrid Gladiolus are claimed to surpass all other varieties in size of flowers and exquisite coloring; their many new shades and countless combinations of rare and beautiful colors are truly wonderful. Bulbs, 4 cts. each, 40 cts. per doz., \$2.75 per 100, postpaid.

Holmes' Popular Strain

Very high grade mixture yet not equal to the two strains described above. Bulbs, 2 cts. each, 20 cts. per doz., \$1.50 per 100, postpaid.

GLADIOLUS IN SEPARATE COLORS

- America.** A new variety, which is conceded to be one of the very finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; growth perfect. 10 cts. each, \$1 per doz., \$7 per 100.
- Augusta.** A lovely white variety. 4 cts. each, 40 cts. per doz., \$2.50 per 100.
- Emma Thursby.** Beautifully striped carmine on a white ground. 5 cts. each, 50 cts. per doz., \$3.50 per 100.
- Eugene Scribe.** Large, open flowers of a tender rose color, blazed with carmine. 8 cts. each, 75 cts. per doz., \$5.75 per 100.
- Gil Blas.** Immense orchid-like flowers of a salmony rose, with a fire-red blotch on straw-colored ground. 8 cts. each, 80 cts. per doz., \$6 per 100.
- Geo. Paul.** Enormous wide-open, amaryllis-like flowers of a rich ruby-garnet shade. 8 cts. each, 80 cts. per doz., \$6 per 100.
- La Mark.** Cherry tinted with orange and red, stained pure white. 5 cts. each, 45 cts. per doz., \$3 per 100.
- May.** White ground, penciled with crimson. 5 cts. each, 40 cts. per doz., \$2.50 per 100.
- Mrs. Beecher.** Brilliant crimson-scarlet with white throat. 6 cts. each, 60 cts. per doz., \$4.50 per 100.
- Octoroon.** Salmon-pink. 8 cts. each, 75 cts. per doz., \$5.50 per 100.
- Oddity.** Deep amaranth, suffused with purplish blue, marked and mottled red and white. 8 cts. each, 75 cts. per doz., \$5.50 per 100.



Gladiolus



Lilium auratum

Tigridias (TIGER, OR SHELL FLOWER)

These gorgeous summer-flowering bulbs look well associated with gladioli, lilies and kindred stock; grow about 1½ feet high, and flower freely throughout the summer. They require the same treatment as gladioli, and should be lifted in autumn and dried off in the same way.

Conchiflora. Golden yellow, spotted crimson.

Pavonia grandiflora. Bright crimson, center spotted with yellow.

Grandiflora alba. Ivory white, yellow center, spotted with crimson.

Price of any of above, 5 cts. each, 40 cts. per doz., \$3 per 100, postpaid

Montbretia

The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants. A dozen or more bulbs planted 6 inches apart in a group in a sunny position and allowed to remain will form magnificent clumps from 2 to 3 feet across, producing, in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers, 1½ to 2 inches across. They flower freely the first season, but clumps of two or three years standing are required to bring out their merits. Mixed hybrids. Various colors. 4 cts. each, 40 cts. per doz., \$3 per 100, postpaid.

Madeira Vine

The old favorite "Climbing Mignonette." So much prized for porches and arbors, on account of its rapid growth and freedom from insects. Thick, glossy leaves and long, hanging stems of leathery, fragrant, white flowers. The tubers we offer are selected large size. 5 cts. each, 50 cts. per doz., \$3.50 per 100, postpaid.

Hardy Lilies

Speciosum album. The Speciosum or Lancifolium are the most important of all the Japanese Lilies, always satisfactory, the variety here offered has large white flowers of great substance, with a greenish band running through the center of each petal. 6 to 11 inch bulbs, 20 cts. each, \$2 per doz., \$12 per 100. If by mail, add per bulb 3 cts.

Speciosum rubrum. White, heavily spotted with rich crimson spots. 9 to 11 inch bulbs. Same price as Speciosum album.

Tigrinum. Tiger Lily. Orange, spotted black; 2 to 5 feet, summer. 10 cts. each, 75 cts. per doz., \$5 per 100.

Auratum. The glorious Gold banded Lily of Japan, and one of the grandest plants in cultivation. Its immense, ivory white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into white. From five to ten magnificent flowers from each bulb the first year. 15 cts. each, \$1.50 per doz.

Hardy Peonies

Best Red, Pink, White and Purple. Large roots any color. 25 cts. each, \$2.50 per doz., postpaid.

Tuberose

PURE WHITE SWEET-SCENTED FLOWERS ON LONG SPIKES

Mammoth Bulbs. 8 cts. each 80 cts. per doz., postpaid. **Medium Bulbs.** 5 cts. each, 25 cts. for 6, 50 cts. per doz., postpaid.

Japanese Fern Balls

Direct from Japan. The finest addition to the fernery yet introduced. The Ball is composed of the Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They grow rapidly, and make a handsome ornament for the home, conservatory or greenhouse. Directions for starting: Place ball in water for fifteen minutes and then suspend in any desired position; repeat every two days until growth is started, after which sprinkle occasionally as required. To use in fern dish, cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The Fern Ball may be allowed to dry up at any time and

be set away, and started again by watering as before. These Fern Balls arrive from Japan about December. In dormant condition 35 cts. When ordered by mail, add to cts. postage for dormant balls.

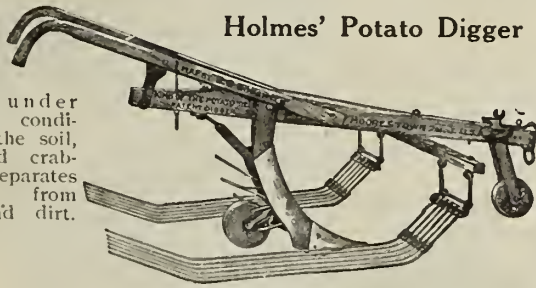
There is great satisfaction in growing flowers from bulbs, because the flower is already in the bulb and all it needs is for nature to bring it out for you



Hardy Peonies

MISCELLANEOUS SUPPLIES

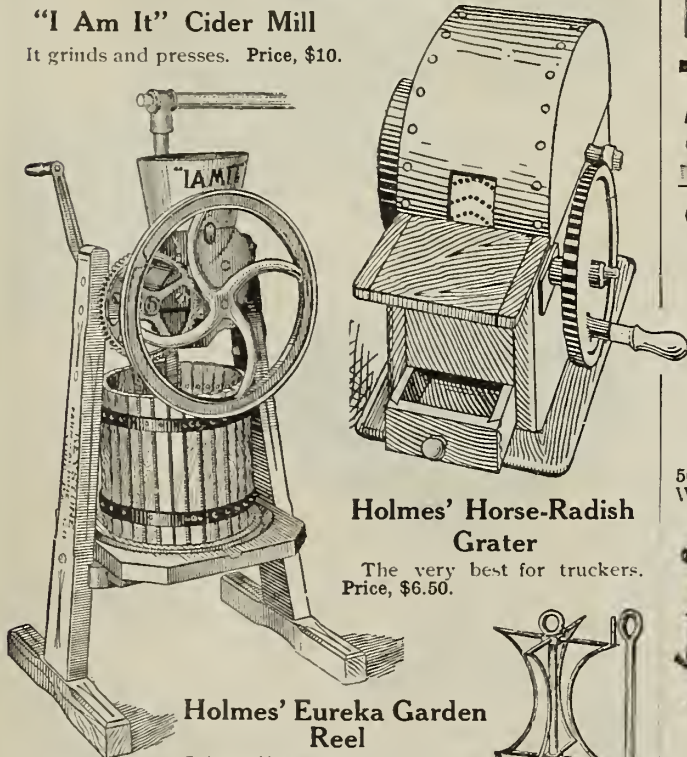
The king of all low-priced diggers, working perfectly under nearly all conditions of the soil, weeds and crabgrass. Separates potatoes from weeds and dirt. Price, \$15.



Holmes' Potato Digger

"I Am It" Cider Mill

It grinds and presses. Price, \$10.



Holmes' Horse-Radish Grater

The very best for truckers. Price, \$6.50.

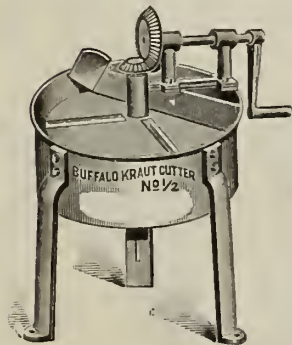
Holmes' Eureka Garden Reel

Price, Single, 2 arms, \$1.50. Double, 4 arms, \$2.



Holmes' New Buffalo Kraut Cutter

Capacity, 200 heads an hour. 3 knives. Strong, durable machine, will last a life-time. Hundreds already in use. Makes the finest quality of kraut. Price, \$20. Extra knives, 40 cts. each.



Baskets

Six-brace, wire-bound, 1/4-bushel truck baskets, \$1.10 per doz., \$8.50 per 100.

Little Giant Seeder

Sows clover, timothy, wheat, oats, etc. Price, \$1.75.



Lightning Mole Trap

Price, \$1.25.



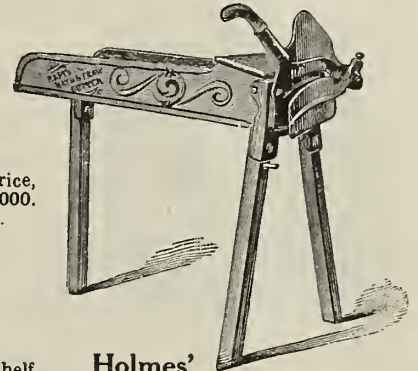
Holmes' Meat and Food Chopper, No. 11

Chops one pound raw or cooked meat per minute; fish, vegetables, fruits, nuts, spices, coffee, cocoanut, horse-radish, codfish, etc. Price, 75 cts., express paid by us.



Berry Boxes

Standard quarts. Price, 50 cts. per 100, \$4 per 1,000. Write for special prices.

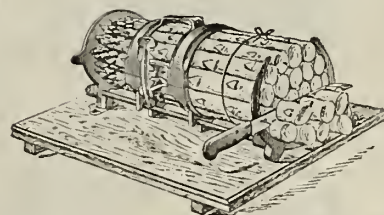


Wire Plant Stand

Price, 2-shelf \$3, 3-shelf \$4.

Holmes' Rapid Feed Cutter

Guaranteed to give excellent satisfaction. Price, \$3.



Holmes' Acme Asparagus Buncher

Price, \$2.25.

Holmes' Cherry Seeder

Simplest and best seeder in use. Does not crush the cherries. Price, 75 cts. Express paid by us.



DAIRY SUPPLIES

We have everything for the Dairy. Our space is too limited to mention many articles. Write us for what you want

CHURNS

NOTE—The capacity is twice the amount they churn.



Fig. 600

Davis Swing Churn

Fig. 600

No.	Capacity	Each
No. 1	4 gals.	\$7 00
No. 2	5 gals.	8 00
No. 3	8 gals.	10 00
No. 4	10 gals.	12 00
No. 5	13 gals.	15 00
No. 6	17 gals.	18 00
No. 7	30 gals.	25 00

Hero Churn

Fig. 601

Barrel Churn, no dasher, either stationary or folding stand

No.	Capacity	Each
No. 0	3 gals.	\$3 50
No. 1	4 1/2 gals.	4 00
No. 2	7 gals.	4 50
No. 3	9 gals.	5 00
No. 4	12 gals.	6 50
No. 5	16 gals.	7 50
No. 6	22 gals.	9 50
No. 7	28 gals.	11 50



Fig. 601

Cedar Cylinder Churn

Double Removable Dasher

Fig. 602

No.	Capacity	Each
No. 1	3 gals.	\$2 50
No. 2	4 gals.	3 00
No. 3	7 gals.	3 50
No. 4	10 gals.	4 00



Fig. 602

Spain's Patent Churn

Fig. 603

Made of white cedar. Bound with galvanized iron hoops. Removable dasher.

No.	Capacity	Each
No. 1	9 qts.	\$5 00
No. 2	15 qts.	6 60
No. 3	20 qts.	7 10
No. 4	24 qts.	8 00
No. 5	32 qts.	8 90
No. 6	44 qts.	10 60

Double Crank

No. 6	44 qts.	12 40
No. 7	60 qts.	14 60



Fig. 603

Butter Printers

Fig. 605. Pound or half pound, complete, 50 cts.



Fig. 606

Fig. 606. Pound or half pound, complete, 80 cts. and \$1 50.

Butter Ladles



Fig. 605

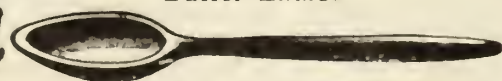


Fig. 604—5 cts. and 10 cts.

Butter Workers

Fig. 607

No.	Capacity	Each
No. 1	capacity 50 lbs.	\$10 00
No. 2	capacity 30 lbs.	8 00
No. 3	capacity 20 lbs.	7 00
No. 4	capacity 10 lbs.	6 00

Larger sizes quoted on application

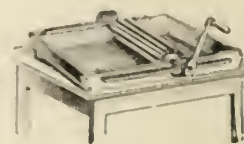


Fig. 607

Ironclad Butter Boxes

Fig. 608



Fig. 608

Capacity	Each
12-lb. prints	\$3 50
20-lb. prints	3 75
30-lb. prints	4 25
42-lb. prints	4 75
56-lb. prints	5 00
80-lb. prints	5 50
96-lb. prints	5 75
120-lb. prints	6 50

Peerless Creamery

Each Can Holds 18 Quarts

Fig. 609

No. of cans	No. of cows	Each
No. 2	2 to 4	\$27 00
No. 3	3 to 7	33 00
No. 4	4 to 10	40 00
No. 5	5 to 13	52 00



Fig. 609



Fig. 610

Butter Bowls

Fig. 610

15 cts., 25 cts., 35 cts., 50 cts. and 60 cts.

Dairy Paddles

Fig. 611

Each 15 cts., doz. \$ 50



Fig. 611

Butter Ladles

Fig. 621

Regular size	\$0 15
Large size	30



Fig. 621

Patent Milking Tube

Fig. 631

For sore and obstructed teats. Solid coin silver. 50 cts.

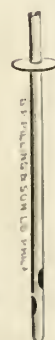


Fig. 631

Excelsior Milk Strainer

Fig. 630

The most thorough, complete, convenient and durable Milk Strainer in use. Sanitary throughout, removable strainer plates, diameter of base, 5 1/4 inches. \$2 50.



Fig. 630

DAIRY SUPPLIES

Everything for the Dairy

REID'S CORRUGATED MILK COOLER AND AERATOR. Acknowledged the Best on the Market

This cooler is especially designed to cool and aerate new milk or cream with or without the use of ice. It cools the milk quickly, or as fast as milked, to within two degrees of the temperature of the water used, at the same time removing animal and garlic odors, and adding greatly to the keeping qualities of the milk. As shown in the cut, the cooler being suspended by the brackets to a wall or post, the cold water enters the cooler at the lower inlet pipe from a barrel or reservoir, flows to the opposite side, then up through the corrugations and passes out at the top.

The milk in the reservoir flows out at the faucet and is distributed by the perforated trough, and flows down over the outside of the cooler in a thin film and passes into the can below. Easily cleaned, need not be taken down to wash. And having no sides or ends to the corrugations, also the bottom being removable, there are no corners to clean.

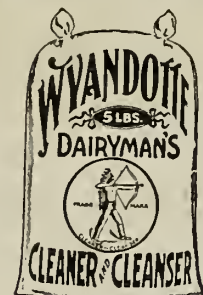
No. 1—45 gallons per hour,	\$15 00
No. 2—55 " " "	20 00
No. 3—65 " " "	25 00
No. 4—80 " " "	27 50

Capacity, as given above, is for milk at animal heat, 95 degrees.

Cooler complete with Milk Reservoir Brackets, Faucet for Water Barrel and 6 feet of $\frac{3}{4}$ -inch Water Hose.

WYANDOTTE CLEANER

Absolutely more of this cleaner used than all others. This is the best proof that it is the best cleanser for dairymen and farmers to use in cleaning cans, buckets, separators, strainers, churns, coolers, cows, the clothes, etc. Full directions for using with each order. 5-lb. bag 25c., 80-lb. keg \$2.80, 280-lb. bbl. \$8.40.

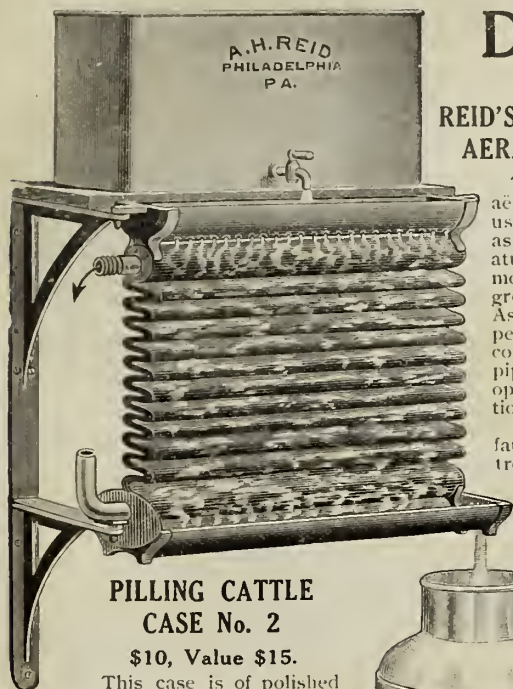


Sharples Tubular Separators

Send for Special Catalogue.

No.	Capacity	No.	Capacity
1	1 or 2 cows	4	450 to 500 lbs. \$80
1 1/2	50	6	650 to 700 lbs. 100
2	275 to 300 lbs. 55	9	900 lbs. 110
3	350 to 400 lbs. 65		

Pulley power attachment \$2.50 additional.



PILLING CATTLE CASE No. 2

\$10, Value \$15.

This case is of polished oak, containing the following instruments:

- Nos. 6, 7, 8, 9, 11, Pilling Milk Fever outfit complete... Price, \$3 00
- Nos. 1, 2, 3, Pilling Dose Syringe, two pipes 2 00
- No. 4, Pilling Cattle Trocar for Bloat 1 50
- No. 5, Pilling Animal Soap 25
- No. 10, Two Bandages 50
- No. 12, Three Pilling Lead Probes 75
- Nos. 13, 14, 2 Pilling Milk Tubes. 1 00
- No. 15, One Pilling Teat Dilator. 1 00
- No. 16, One Pilling Teat Slitter, or Bistoury 1 50
- No. 17, One Pilling Teat Opener. 75
- One Pilling Fever Thermometer . 2 00
- Oak Case 75

Total value \$15 00

The entire case packed as shown, and with full directions, will be shipped prepaid to any address, on receipt of price, \$10. Any of these Articles Separately

PYRAMIDAL COOLER

This is an inexpensive and effective cooler for small dairies, lowering the temperature of the milk from 25 to 40 degrees, according to the temperature of the water used.



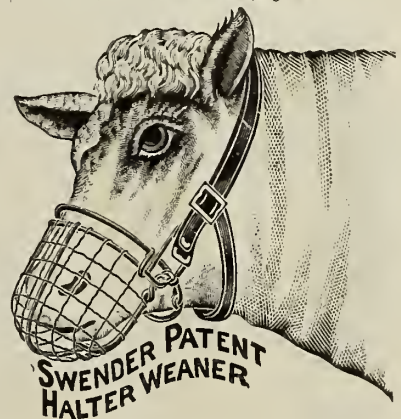
It also has value as an aerator. By its use the milk will keep sweet considerably longer and better cream or butter will be attained. This cooler is simple in construction and easily kept clean. It is made of heavy tinned iron.

No. 1, 10 quarts, 5 cows, \$7. No. 2, 18 quarts, 10 cows, \$7.50. No. 3, 34 quarts, 20 cows, \$8.

BLATCHFORD'S CALF MEAL

The perfect milk substitute for raising calves—100 lbs. of it makes 100 gallons of rich nutritious gruel. It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in the proper proportions and it is the only calf meal that is thoroughly cooked and prepared for digesting by the tender stomach of the calf.

ANALYSIS: 25% protein, 5% fat. Try a bag and be convinced. 100-lb. bag \$3.50, 50-lb. bag \$2, 25-lb. bag \$1.



WATERPROOF HALTER

The Basket Weaner with Halter that has headed the list of calf weaners for the past 15 years or more.

Three sizes: Calves, 45 cts. each, \$4.75 per doz. Yearlings, 50 cts. each, \$5 per doz. Cows, 60 cts. each, \$6 per doz.

THE PERFECT CREAM SEPARATOR

All sanitary, made of the best 26-gauge Apollo Galvanized Iron, very durable. We are selling a tremendous number of these. They are just what you need and the price is in your reach.

No. 8 with two 4-gallon milk cans, \$9.

No. 12 with two 6-gallon milk cans, \$10.

No. 16 with two 8-gallon milk cans, \$11.

No. 20 with two 10-gallon milk cans, \$12.

No. 40 with two 4-gallon milk cans and one 4-gallon cream can, \$11.

No. 60 with two 6-gallon milk cans and one 4-gallon cream can, \$12.

Special discount of 10 per cent for cash, on above prices.

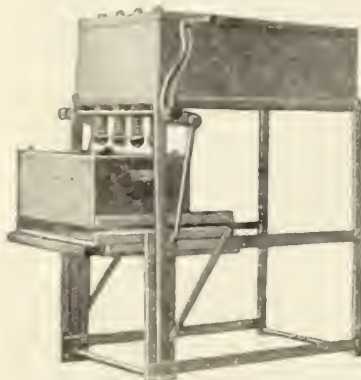


DAIRY SUPPLIES. Everything for the Dairy. Write for Special Prices

Automatic Bottle Filler, No. 1

No. 1, Single End. Price, complete, \$50.

Two cases of pint or quart bottles easily filled and capped per minute. No milk on top of caps or outside of bottles. Bottles filled to just the right point.



EQUIPMENT.—Rust proof copper tank with brass valve plate, tin drip pan, 1928 non-overflow valves, faucet, crank lifting attachment, strong galvanized iron frame painted aluminum.

OPERATION.—Fills four bottles at a time in a 12-quart case or 16-pint case. You cap one row while the next is being filled. The instant the valves are opened, the bottles are locked in a filling position, so that while one row is being filled, the operator has both hands

free to cap the row previously filled. Your boy do the filling and capping.

Weight, 200 pounds; height, 46 inches; capacity of tank, 30 gallons. Valves, complete, \$3; valve rubbers, \$2.40 per doz.

Milk Cans

Philadelphia Pattern Cans

Fig. 624

Seamless neck, heavy—

- 24 quarts.....\$2 25
- 30 quarts..... 2 75
- 40 quarts..... 3 25

Medium—

- 24 quarts..... 1 75
- 30 quarts..... 2 50
- 40 quarts..... 3 00

Your name on neck and lid, 15 cts. extra. Special price in dozen lots.



Fig. 625



Fig. 624

New York Pattern Cans

Fig. 625.

- 20 quarts.....\$2 25
 - 30 quarts..... 2 75
 - 40 quarts..... 3 25
- Name stamped on, 15 cts. extra.



Fig. 623

Iowa Pattern Cans

Fig. 623

- 20 quarts.....\$1 75
 - 30 quarts..... 2 00
 - 40 quarts..... 2 25
- Your name on neck and lid, 15 cts. extra.

Milk Bottles BEST QUALITY

We print your name and advertisement on the bottles. \$2.50 extra for the first printing, no charge for second order.

	Doz.	Gross	5 gross
Quarts.....	\$0 65	\$7 25	\$7 00
Pints.....	55	5 25	5 00
4 pints.....	45	4 75	4 50

Special price on larger quantity. Six dozen at gross price.

NOTE.—Our bottles are made of the same highest grade sand used in manufacturing cut glassware. If you want bottles free from air-bubbles, clear, and that will show the milk to the best advantage, send to us for a trial order.



"S" Mold



"F" Mold

Milk Bottle Caps

NOTE.—Our business in caps more than doubled last year. Why? Because we sell the highest grade cap at a less price than others sell the poorest grade.

Price of Caps

No. 1. Regular size, printed or plain, either milk or cream.

1,000.....	\$0 25
5,000.....	1 10
25,000.....	5 25
50,000.....	10 00

We print your name and advertisement on the caps free on 50,000 lots. \$1 extra on lots less than 50,000. Send for samples.

No. 2 Lip Caps

1,000.....	\$0 35
5,000.....	1 25
25,000.....	6 00
50,000.....	11 00

Patent Caps

With patent lift-flap on top, most convenient cap made. A sure "trade getter." Send for sample.

1,000.....	\$0 35
5,000.....	1 50
25,000.....	7 00
50,000.....	13 50

We print your name and advertisement on the caps free on orders of 50,000.

Facile Junior Hand, No. 1, Babcock Tester

Fig. 619.

- 2-bottle machine.....\$1 00
- 4-bottle machine..... 5 00

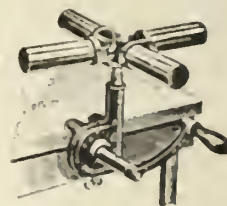


Fig. 619

Heavy Steel-Ribbon Milk Bottle Baskets

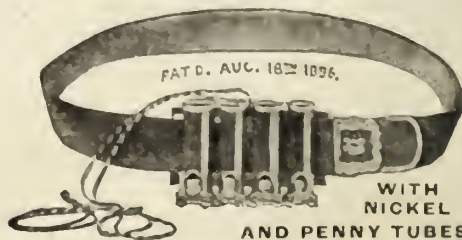
- 6 bottle Basket.....\$1 00
- 8 bottle Basket..... 1 25



Holmes' Sanitary Delivery Cases

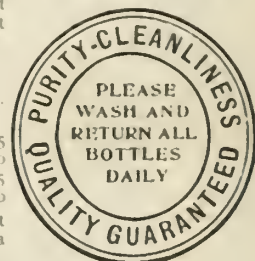
Holds 12 quarts, 16 and 20 pints—three sizes. These cases are a perfect combination of lightness, strength, durability and cleanliness. They are made of white wood sides and hard wood end, fastened with cement coated wire nails. All nails are driven through the strip of metal. The division wires are of Bessemer hard drawn steel galvanized, and both ends are countersunk into the wood. 85 cts. each, doz., \$9.50.

Rapid Ready Change Carrier



WITH NICKEL AND PENNY TUBES

Every dairyman should have it. Money is automatically locked and can't drop out but is released in a second by the press of the finger, holds pennies, nickels, dimes and quarters. Change can be made in the dark with this as readily as in the light. No dairyman can afford to be without one. \$1.75 each.



POULTRY SUPPLY DEPARTMENT EVERYTHING FOR POULTRY

Our space is too limited to list our complete line of supplies—write for anything you need—you will get the best price always

Prairie State Incubators

NOTE.—We sell the Prairie State Machines because we believe them to be the best—we always try to offer our customers the best of everything.



New 1909 Diffusion Incubator
In our estimation the perfection of artificial incubation

Every Machine Guaranteed

to hatch in the most improved manner. Furnished complete at prices quoted with full directions. Send for special catalogue.

1909 Machines	Capacity	Price
No. 2 Junior.....	115 hen eggs...	\$15 00
No. 0. Diffusion..	100 hen eggs...	18 00
No. 1. Diffusion..	150 hen eggs...	22 50
No. 2	240 hen eggs	32 00
Diffusion..	200 duck eggs	
No. 2	390 hen eggs	38 00
Diffusion..	300 duck eggs	



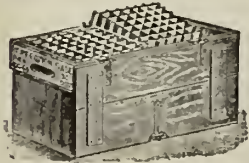
Sanitary Feed Boxes

50 cts. each, \$5.40 per doz.



Combination Colony House Brooder

- No. 1—(Outdoor) floor space 36x72 in.....\$20
 - No. 2—(Outdoor) floor space 30x60 in. 16
 - No. 3—(Outdoor) floor space 27x48 in..... 12
 - No. 5—(Indoor) floor space 36x36 in..... 12
- Heat regulator attached to any of the above, \$1 extra.

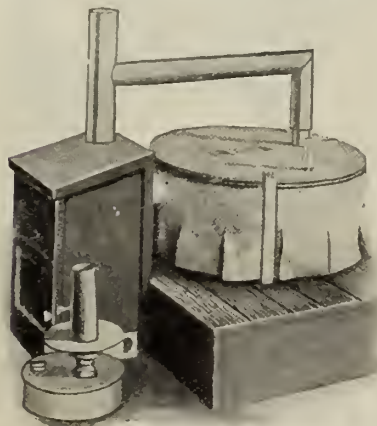


Perfection Egg Crates, 30 Dozen

Will outwear a dozen cheap crates. \$1.25 each.

Universal Hover

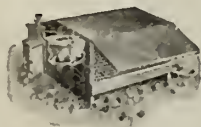
For indoor or outdoor Brooders or Brood Houses acknowledged the best hover on the market. Price for hover, with lamp case, smoke conductors, lamp and thermometer, \$7.



Universal Hover

When used indoors alone lamp case is not required. Hover and lamp, with smoke pipes, \$6. With regulator attached. \$1 extra.

Large Illustrated Catalogue on request



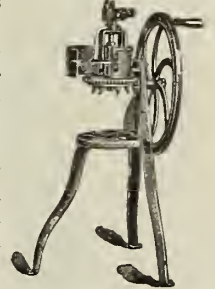
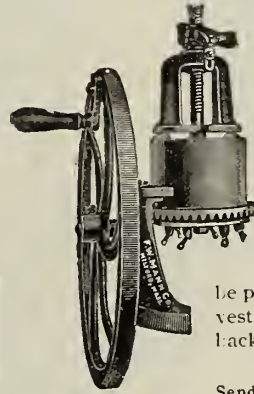
Piano box made into brooder by using our Universal Hover. Makes a complete brooder for \$7.

Mann's Green Bone Mills

Send for Special Catalogue

We highly recommend the No. 7. New Model Machine at \$12.

This machine has 6 knives, open cylinder, is self-feeding and we guarantee to refund the price paid to any one who, after using it for one month is not satisfied with his investment. This means that you will



be pleased with your investment or your money back.

Mann's Latest Model Bone Cutter, No. 7

OUR FREE TRIAL OFFER

Send no money in advance. Make no deposit. Just try the machine

Mann's No. 5B, \$8

We can't very well afford to send a salesman to see the 100,000 poultry raisers we hope to reach this year. And you would rather try the machine yourself, without a salesman to bother you. So we ask the privilege of sending you one on **Ten Days' Free Trial**, if you are really interested and intend to buy if it does the work, with no obligation on your part to keep it if it does not do all we claim for it.

Price List

No. 5C. With crank handle.....	\$6 00
No. 5B. With balance wheel.....	8 00
No. 5BM. With balance wheel and iron stand.....	10 40
No. 7. With balance wheel and iron stand.....	12 00
No. 7½. Semi-power machine.....	16 00
No. 9. With balance wheel and iron stand.....	18 40
No. 11. Power machine.....	26 00
No. 12. Power machine.....	30 00



Poultry Markers

25 cts. each



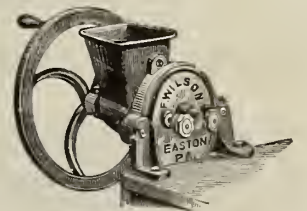
Nesco Galvanized Drinking Fountains

	Each	Doz.
1-quart.....	\$0 25	\$2 50
2-quart.....	35	3 50
4-quart.....	50	5 00
8-quart.....	75	7 50

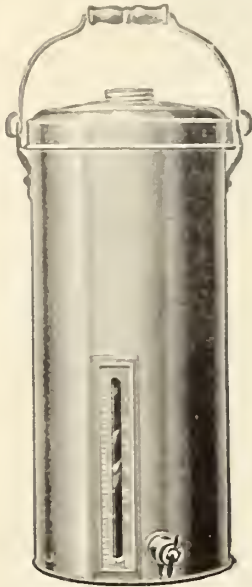
Wilson's Bone and Shell Mill

No. 1.—Grinds oyster or clam shells, dried bones and grit and is an excellent mill and largely used. Will also grind corn.

Weight, without stand, 53 lbs., \$5.
Weight, with stand, 64 lbs., \$7.



DAIRY SUPPLIES



20-Quart Creamery Pail
\$1.25 each, 1/2 doz. \$6.90



Heavy Strainer
40 cts. each



Utility Measures
With Funnel Attachment
Pint, 10 cts.; quart, 12 cts. Add 10c. if sent by mail.



Heavy Dairy Pail

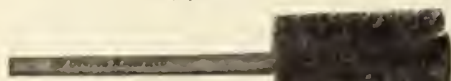
Dairy Brushes



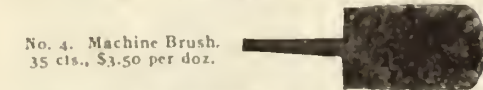
No. 1. Hand Bottle Brush, 35c., \$3.50 per doz.



No. 2. Heavy Thick End Bottle Brush, 40 cts., \$4 per doz.



No. 3. Strong, Durable Brush. 15 cts., \$1.60 per doz.



No. 4. Machine Brush. 35 cts., \$3.50 per doz.



No. 5. Dairy Scrub. 35 cts., \$3.50 per doz.



Heavy Strainer Pail

12-quart, \$1; 14-quart \$1.25

Jersey Combination Pails

(Fig. 615)

10-quart.....	\$0 50
12-quart.....	65

12-quart.....	\$0 35
14-quart.....	40

Heavy Dairy Pails



Coover's Graduated Quart Measure

Measures (Fig. 617)		
	Holmes' Measure	
Pint.....	\$0 40	\$0 45
Quart.....	70	
2-quart.....	30	20

Coover's Graduated Quart Measure

20 cts. each



Fig. 617



Holmes' Keystone Calf Feeder. \$1.50, complete



Funnels

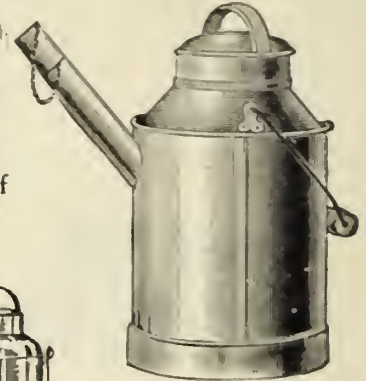
With strainer. Prices. Large size, heavy 50c.; Large size, medium, 20c.; small size, medium, 10c. Add 10 cts. if sent by mail.



MILK KETTLES

Strong and Durable

Pint.....	\$0 08
Quart.....	10
2-quart.....	15
3-quart.....	25



Milk Can With Spout

Extra-strong Bottom Hoop
8-qt \$1.25 12-qt. \$1.50



Milk Dippers, 10c each

Something Every Farmer Should Have

HOLMES' UNIVERSAL CORN HUSKER

Made entirely of steel, nickel-plated and adjustable to fit any sized hand, either right or left hand.

Price, 20 cts. each, 3 for 50 cts., postpaid

HOLMES' 'EUREKA' CORN BREAK

Pays for itself in a single day. Saves the hand, saves time; can be made to fit either hand. For breaking off tough ears, nothing equals it. Price, 20 cts. each, 3 for 50 cts.

SPECIAL. One of each of the above for 35 cts., postpaid.



Holmes' Universal Corn Husker

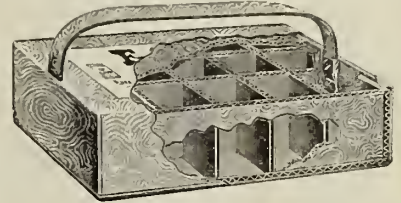


Holmes' Eureka Corn Break

POULTRY SUPPLY DEPARTMENT. Everything for Poultry

Banner Root Cutter, No. 7

This cutter is adapted especially for poultrymen and farmers or for suburban residents keeping a flock of chickens. Cuts roots and vegetables into fine chicken feed. Capacity, one bushel in about five minutes. \$5.



Eyrie Egg Shipping Boxes

The Eyrie Egg Box stands pre-eminently as the best shipping box made. It has the greatest strength.

Size	Doz.
1 doz., 1 sitting	\$1 25
10 doz., 1	1 20
1 doz., 2	1 60
10 doz., 2	1 80

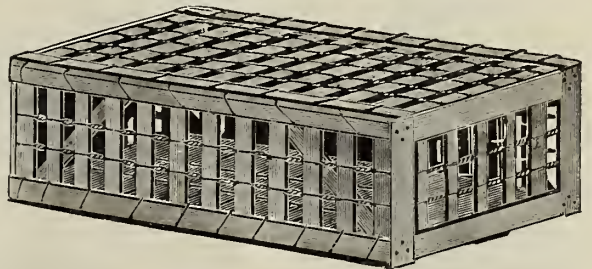
Guaranteed Egg Producer

12 lbs. \$1.35, 25 lbs. \$2.60, 50 lbs. \$5, 100 lbs. \$9.

Shipping Coop for Poultry

For chickens, size 3 ft. long, 2 ft. wide, 1 ft. high, \$1.25 each, \$10 per doz.

For turkeys, 16 inches high, \$1.50 each, \$12 per doz.



Knox Lice Expelling Nest Egg

A splendid thing, looks like a natural egg, acts as a nest egg and lice exterminator at the same time. It will not in any way affect the hen or eggs. 6 cts. each, 60 cts. doz.; add 2 cts. each for postage.

China Nest Eggs

3 cts. each, 25 cts. doz.; add 2 cts. each for postage.

Caponizing Set Complete, \$2.50



Gape Worm Extractor. 25 cts



Carmel Chicken Cure

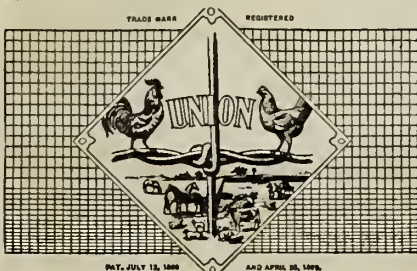
Absolutely the greatest cure for Poultry Ills we ever knew of. Purchase it on our recommendation. Your money back if it fails to cure the worst fowl. A specific for all diseases chickens are subject to. Warranted to increase their laying capacity.

OUR GUARANTEE (on every bottle). If after using two-thirds of the contents of one bottle you are not satisfied with the results, return the balance and your money will be refunded. 25 cts. per bottle, 6 bottles for \$1.35, 1-gallon jug, \$3.25.

Union Lock Poultry Fence

THE BEST IN THE WORLD

Put up in rolls of 165 ft. and 330 ft.	Per 165-ft. roll
12 inches high.....	\$1 75
18 " " ".....	2 20
24 " " ".....	2 80
36 " " ".....	3 50
48 " " ".....	4 20
60 " " ".....	4 80
72 " " ".....	5 40
84 " " ".....	6 20



Eggs for Hatching

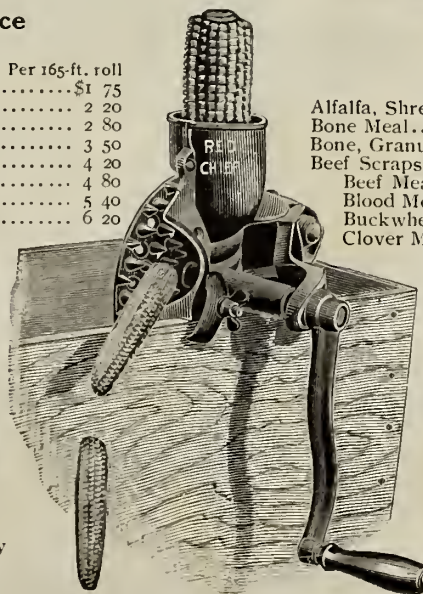
Write for price on settings or 100 lots of any breed. Eggs guaranteed.

Leg Bands

Copper and aluminum. Doz. 15 cts., 100 \$1.

Poultry Foods

	Lb.	10 lbs.	100 lbs.
Alfalfa, Shredded.....	\$0 05	\$0 40	\$2 00
Bone Meal.....	05	40	2 50
Bone, Granulated.....	05	40	2 50
Beef Scraps (extra quality).....	05	40	3 50
Beef Meal.....	05	40	3 50
Blood Meal.....	05	45	3 50
Buckwheat.....	05	40	2 50
Clover Meal.....	05	40	2 25
Cut Clover.....	05	40	2 00
Chick Food.....	05	40	2 50
Charcoal, Granulated.....	05	40	2 50
Developing Food.....	05	40	2 50
Egg Maker Food.....	05	40	2 50
Forcing Food.....	05	40	2 50
Grit, Granite Crystal.....	05	25	85
Grit, Mica Spar.....	05	25	85
Hemp Seed (price changes)..	10	60	4 00
Kaffir Corn.....	05	40	2 25
Laying Food.....	05	40	2 50
Linseed Oil Meal.....	05	40	2 50
Millet Seed (price changes)..	10	60	2 75
Oyster Shells (fine, medium, coarse).....	05	25	75
Pigeon Feed.....	05	40	2 50
Scratching Food.....	05	40	2 50
Sunflower Seed (price changes).....	10	80	5 00
Wheat, whole.....	05	25	2 00

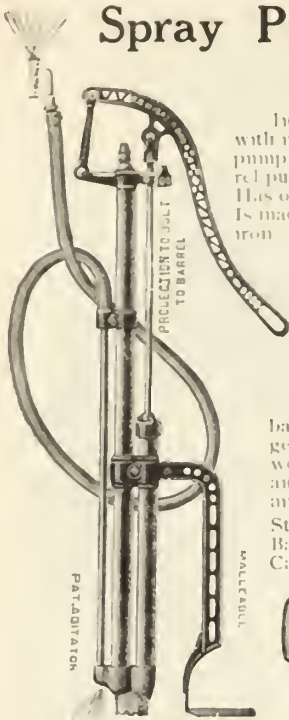


Red Chief Corn Sheller. \$2.

Spray Pumps, Nozzles and all Fixtures

Holmes' Perfect Lever Bucket Pump

In the above we offer to our friends a Brass Bucket Spray Pump with more real advantage than is contained in any other make of spray pump now on the market. It has all the advantages of the ordinary barrel pump and bucket pump combined, and is sold at a moderate price. Has one-half more air chamber than any other make of bucket pump. Is made of brass with ball valves; handle and foot rest are malleable iron. The work is all done on the down stroke of the handle, and it can be operated with one-third the power required for any other old style bucket spray pump. An ideal whitewash pump also. Note the remarkable low price, \$5.

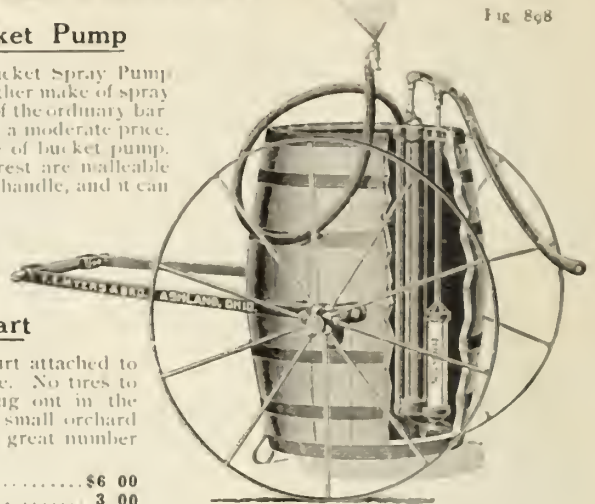


Holmes' Perfect Lever Bucket Pump

Holmes' All-steel Barrel Cart

Fig. 898 represents our new all-steel barrel cart attached to barrel, has 36-inch steel wheels with 1 1/4 inch tire. No tires to get loose, or wood to break or rot when standing out in the weather. This is a first-class outfit for large or small orchard and we highly recommend it, having sold a very great number and our customers are very much pleased.

Steel Cart only, ready to attach to barrel..... \$6 00
 Barrel extra..... 3 00
 Cart, Barrel, Brass Pump, Hose and Nozzle, ready for use as shown in cut..... 18 00



All-steel Barrel Truck



Fig. 64

Tin Mystic Sprayer

Price, 35 cents; larger sizes, 45 and 60 cents

Holmes' Improved Brass Barrel Spray Pump

Has bronze ball valves and Brass seats; the plunger is brass, fitted with hemp packing. Will handle hot, cold or caustic mixtures. The cylinder and discharge pipes are all brass. Very powerful and easily operated.

Price \$8, for pump, 5 feet 3-ply hose and vermorel nozzle.



Dry Powder Sprayer

A splendid sprayer for dusting potatoes, carrots, cabbage, etc., with Paris Green, Sling Shot and other powder insecticides. 60 cts.



New Brandt Sprayer

We recommend this as one of the most substantial and easily operated sprayers we ever used for garden or trees. Write for special circular.

Double Row Sprayer..... \$6 00
 Single Sprayer..... 5 00
 Tree Extension Nozzle, each..... 1 50

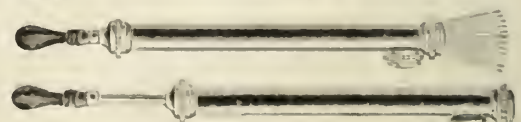
Holmes' O.K. Spray Pump

Has a mechanical agitator, solid brass ram plunger, ground bevel valve and seat. Adjustable clamps, will fit any barrel. Use with hot, cold or any kind of mixture. Air chamber made of 2 1/2 in steel tube. Adjustable stroke, enables a pressure of 200 lbs. or more.

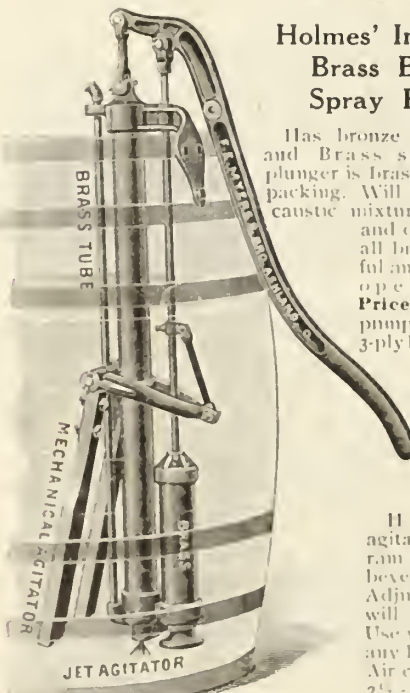


Holmes' O. K. Pump

Garden and Greenhouse Syringes



1.—Syringe, open rose, side and end spray.
 Price \$4.25



Improved Brass Barrel Spray Pump

A thoroughly good pump in every respect. Price \$18, with 5 feet of hose and vermorel nozzle.

NOTE. We are agents for all the best makes of pumps, including Myers, Gould, Field Force Pump, Rochester Spray Pump and all others, and can supply you at factory price, and deliver them, freight paid, to your station. Send us your order.

Iron Pipe Extensions. 10 cts. per foot in 8- and 10-foot sections.

SPRAY PUMPS AND SUPPLIES

Holmes' Perfect Knapsack Sprayer

The tank holds 5 gallons and is fitted with lid and strainer, which can be removed. The pump has large air chamber, brass ball valves, solid plunger and agitator. We wish to call attention to the fact that this is the only knapsack outfit on the market with an agitator. It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with handle, so the operator can use it the same as our tank with bucket pump, viz., set the knapsack on the ground and work pump with handle. Can be carried by hooking snap in staples on the opposite side, provided for that purpose, making a neat handle, as shown by dotted lines. The handle lever can be shifted from right to left shoulder at will. Has brass stop-cock at end of hose, not shown on cut.

Price, Pump, with 5 feet of ½-inch hose, pipe extension and Bordeaux or graduating Vermorel spray nozzle, which can be graduated from a fine mist spray to a solid stream, or shut off entirely. \$10. Any other nozzle furnished with these pumps when ordered. Special discount 10 per cent for cash.

Empire King Pump

Will spray 200 trees per hour. You cannot scorch the foliage with this pump. Has a seamless brass cylinder, 2½ inches inside diameter, 8 inches long, with solid brass plunger and rod, brass valves, without leather or rubber, and brass screw-spout with a stop-cock. Pump, with double brass spout and shut-off cock, two 10-foot leads of hose, two Niagara nozzles, fitted on barrel ready for use. \$22.



Hose Coupling

¼- or ⅜-inch, 20 cts., postage, 8c.

Kant Klog Compressed Air Sprayer

This is one of the best Compressed Air Sprayers we know of—easy to fill, easy to work, light in weight, yet very strong and durable. Guaranteed to give satisfaction. One pumping will empty the 5-gallon tank. Galvanized tank, \$5; Brass tank, \$7. Special 10 per cent. cash discount.



New Double Tube Glass Sprayer

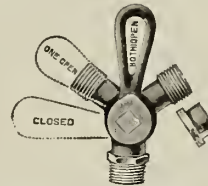
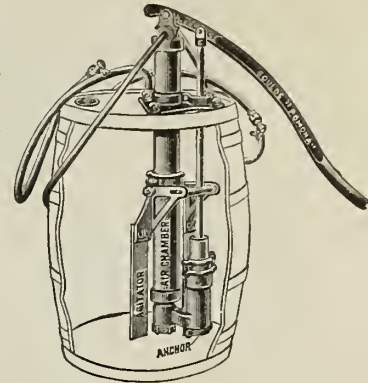
75 cts. each, by express

Gould's Pomona Barrel Pump

With agitator and one lead 15 feet ½-inch discharge hose, with "Mistry" or "Seneca" spray nozzle. \$18.75.

With agitator and two leads 15 feet each ½-inch discharge hose with "Mistry" or "Seneca" spray nozzle. \$22.

Special 10 per cent discount for cash



Brass 3-Way Cock

Complete, \$2; postage 15 cts.



Imperial Brass Pump

Complete as shown below. \$4.

New No. 3 Lightning Single Tube Tin Sprayer

35 cts., add 15 cts. if sent by mail.



Brass U for 2 Nozzles

¾ in., 40c.; postage, 5c.



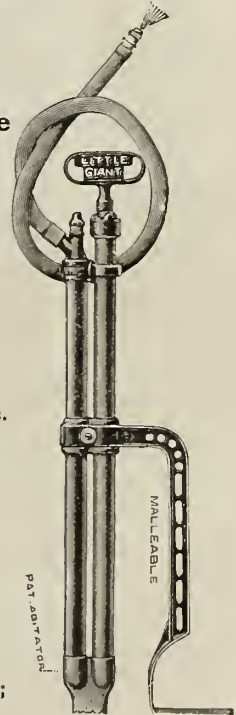
Mistry Spray Nozzle

For ¼-inch pipes, \$1. For hose \$1.25.



Hose Clamp

½- or ¾-in., 5 cts.; postage, 2 cts.



Send For Pump Catalogues

We have made arrangements with all the leading and reliable pump manufacturers to distribute their full line of pumps from our warehouses. If you want any make or style of pump, send to us for catalogue and special wholesale factory price. We can save you money.

We have a complete line of supplies and can supply your needs promptly.

INSECTICIDES

Thomsen Chemical Co.'s Orchard Brand of

Lime Sulphur Solution

A COMBINED SCALE REMEDY AND FUNGICIDE FOR PEACH AND PLUM TREES

Peach and plum trees differ considerably from apple and pear trees in their physical characteristics; the bark and buds are smooth, the foliage is very delicate, and generally they are more easily injured than are apple and pear trees. This necessitates a difference in treatment.

For treating peach and plum trees we recommend our "Orchard Brand" Lime Sulphur Solution in preference to our "Orchard Brand" Soluble Oil, for the reason that oil does not contain all the properties necessary to constitute proper treatment. Oil does not possess fungicidal property of any substantial value (advertising claims to the contrary notwithstanding), and it is impossible to treat peach and plum trees with fungicides after they come into leaf without serious danger of defoliation. Therefore, it is of the greatest importance that the material used as a scale remedy should also combine good fungicidal property. No other material combines both the insecticidal and fungicidal properties of the Lime Sulphur Wash.

Exhaustive experiments, extending over a period of years, have established the fact that the Lime Sulphur Wash, in order to be most effective, must be of certain chemical composition. This emphasizes the fact that making the wash is a chemical problem, and that it should be made under proper chemical supervision.

Our "Orchard Brand" Lime Sulphur Solution is a concentrated Lime Sulphur Solution, made chemically, containing the active scale-killing properties shown by scientific investigations to be necessary in order to secure the best results. It is free from the inert properties and impurities contained in the home-made wash.

Owing to the fact that the materials are perfectly combined, it is less caustic than the home-made wash, and consequently is much easier to handle, as well as less corrosive on the pumps, hose and nozzle. It contains no sediment to clog the nozzle.

As a scale remedy and to control leaf curl add 12 parts of cold water to 1 part of solution. (As the Elberta is more susceptible to leaf curl than most other varieties of peach, it is important that the spraying be very thorough on this variety.) 1 qt. 35 cts., 2 qts. 60 cts., 1 gal. \$1, 5 gals. \$2.25, 10 gals. \$3.75; 1/2 hbl. (25 gals.) \$7, barrel (50 gals.) \$12.

Arsenate of Lead. For elm-leaf beetle and caterpillar. 1 lb. 25 cts., 5 lbs. 90 cts., 10 lbs. \$1.70.

Bordeaux Mixture. (Dry.) For fungous diseases. Ready for use by simply adding water. 1-lb. box 20 cts., makes 5 gallons spray, 5 lbs. 75 cts.

Bordeaux Mixture. (Liquid.) By simply adding water and stirring it is ready for use. 1 qt. 40 cts., 1 gal. \$1, 5 gals. \$4.50. One gallon will make one barrel.

Boxal. (Paste.) For spraying potatoes to prevent blight and rot. Send for special booklet. 5 lbs. \$1, 10 lbs. \$1.75, 25 lbs. \$3, 100 lbs. \$15.

Disparene. A good, sure cure for cabbage worms and the cabbage lice when cabbage is young, not headed. 3-lb. jar 70 cts. (3 lbs. make 50 gals. spray), 5 lbs. \$1.25, 10 lbs. \$2.25, 25 lbs. \$4.75.

Fir Tree Oil. A remedy of merit for greenhouse and house plants, especially for mealy bug, scale, red spider, black and green aphid, thrip, lice, worms and slugs. Small bottle, 25 cts., 1/2 pt. 35 cts., pt. 60 cts., qt. \$1, gal. \$3.50.

Flowers of Sulphur. 10 lbs. 60 cts., 50 lbs. \$2. Price changes, write before ordering.

Hellebore. For rose slugs. 1 lb. 25 cts., 5 lbs. \$1.

Herbicide. For killing weeds in walks, drives, etc. One quart makes 20 gallons treating liquid. Qt. 55 cts.

Kerosene Emulsion. (Liquid.) Concentrated. Qt. 40 cts., 1 gal. \$1, 5 gals. \$4.50. Full directions for using with each.

Kerosene Emulsion. (Paste.) Ready for use by simply adding water. 1 lb. makes 10 gals. of spray, 15c., 5 lbs. 60c., 25 lbs. \$2.50.

Kill-o-Soaps. Successful for killing San José Scale. Hundreds of orchards have been saved by it. Qt. 45 cts., gal. \$1.50, 10-gal. cans at \$1.25 per gal. One gallon makes 20 to 25 gallons of solution.

Lamps for Evaporating. 50 cts.

Liquid Tree Protector. Prevents cut worms, caterpillars from crawling up trees. 1-pt. can 30 cts., 1 qt. 50 cts., 1/2 gal. \$1, gal. \$1.50.

Lemon Oil. 1/2 pt. 25 cts., pt. 40 cts., qt. 75 cts., 1/2 gal. \$1.25.

Nicotine. For fumigating greenhouses. No. 1 can \$2.50, No. 2 can \$1.25, No. 3 can 70 cts.

Thomsen Chemical Co.'s Orchard Brand of

Soluble Oil

FOR KILLING SCALE ON APPLE AND PEAR TREES

The rough bark on apple and pear trees and the fine lumpy coating covering the twig ends and buds make it almost impossible to thoroughly eradicate the scale with the Lime Sulphur Solution, which dries almost immediately after being applied.

For this reason we recommend our "Orchard Brand" Soluble Oil, which continues to spread for several days after being applied, enabling it to penetrate through the fuzzy covering of buds and into the cracks and crevices of the bark, thus insuring a more thorough covering of the tree than can be secured with the Lime Sulphur Solution. The scale are killed by contact; therefore, the material used must actually reach the scale. The material with the greatest spreading capacity is most likely to accomplish this result.

"Orchard Brand" Soluble Oil is made from high grade oils only, all of which possess insecticide properties, carefully combined by chemical processes to make a high grade uniform Soluble Oil containing the highest percentage of effective oil of any soluble oil in the market, and one that has never proved injurious to trees.

"Orchard Brand" Soluble Oil does not separate after diluting where the water happens to contain lime or mineral salts. This means a uniform distribution of the oil throughout the entire solution in the spray tank.

No elaborate directions as to "stirring," "adding the water slowly," "using rain water," etc., are necessary. Use any water that is convenient so long as it is not muddy (mud would clog the pump). In cases of bad scale incrustation add 15 parts of cold water to 1 of "Orchard Brand" Soluble Oil. In moderate cases of infestation add 18 parts of cold water to 1 of "Orchard Brand" Soluble Oil. When used as a preventative or as a second treatment add 20 parts cold water to 1 of "Orchard Brand" Soluble Oil.

We suggest putting about 5 gallons of water in the spray tank, then adding the oil (this prevents the oil from sticking to the sides or bottom of the tank) then add the balance of the water. Thus will thoroughly mix the whole quantity.

CAUTION.—If the spraying outfit has been used for Bordeaux Mixture, it should be thoroughly washed out before using oil. 1 qt. 35 cts., 2 qts. 65 cts., 1 gal. \$1.25, 5 gals. \$3.65, 10 gals. \$6.65, 1/2 barrel (25 gals.) \$15, barrel (50 gals.) \$25, 5 barrel lots at \$22.50.

Nico-tume. A tobacco paper for fumigating. Paper saturated with high-strength Nicotine is undoubtedly the best and easiest possible method of fumigation. **Nico-tume**, is not only made of the strongest extract of Tobacco and evenly distributed on the paper, but it is put up in friction top tins so that it is not possible for the Nicotine to evaporate. Full directions with every package. Price 24 sheets 85 cts., 144 sheets \$3.50, 288 sheets \$6.50.

Paris Green. Pure. 1 lb. 25 cts., 5 lbs. \$1.

Pyrox. 5 lbs. \$1, 10 lbs. \$1.75, 25 lbs. \$3.25, 100 lbs. \$15.

Rose-Leaf Extract of Tobacco. Pt. 25 cts., qt. 50 cts., gal. \$1.25.

Slug-Shot. The best dry powder insecticide to kill cabbage and currant worms and potato bugs. Full directions on each package. 1 lb. in special dusting boxes, 15 cts., 5 lbs. 35 cts., 100 lbs. \$4.

Sulpho-Tobacco Soap. For house plants, poultry, moths, etc. Per cake, 10 cts.

Sulphur. 1 lb. 6 cts., 5 lbs. 25 cts.

Tobacco Dusting Powder. (Stoother's Black Stuff.) A very efficient dust; strong and economical. 5 lbs. 25 cts., 25 lbs. \$1.15, 50 lbs. \$1.90, 100 lbs. \$3.25. (100 lbs. \$3, f. o. b. New York.)

Tobacco Dust. (Stoother's Fumigating Kind.) 5 lbs. 25 cts., 25 lbs. \$1.15, 50 lbs. \$1.90, 100 lbs. \$3.25. (100 lbs. \$3, f. o. b. New York.)

Tobacco Stems. Per bale of 100 lbs. \$1.

Target Brand Scale Destroyer. Especially prepared for San José scale. 1 qt. 35 cts., 1/2 gal. 60 cts., 1 gal. \$1, 5 gals. \$3.75, 10 gals. \$7.50, 25 gals. \$15.

Tobacco Dust. Pure ground tobacco (not ground stems) 1 lb. 5c., 100 lbs. \$3.50.

Weed Killer. 1/2 gal. can 60 cts., gal. \$1, 5 gals. \$4.

Wash Oil Soap. For washing trees and for insects on tender plants. 1 lb. box 25 cts., 5 lbs. 90 cts., per lb.

Worm Eradicator. For removing worms from greenhouses, lawns, flower pots, without injury to the most delicate plants. Bottles 50 cts. and \$1.

Wilson's Plant Oil. For scale and insects on house plants. Price 1/2 pt. 25 cts., pt. 40 cts., qt. 75 cts., 1/2 gal. \$1.25, gal. \$2, 5 gal. \$9.

Do not wait until you are ready to use the material, order it in plenty of time, so as to avoid any waiting when you are ready to spray

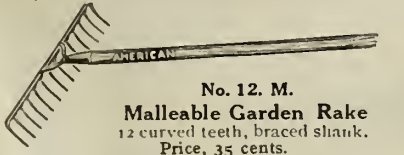
RAKES, HOES, FORKS, WEEDERS, ETC.

We guarantee every tool we send out to be of the highest quality and to be entirely satisfactory. We will return the price paid at once if you are not pleased with your purchase

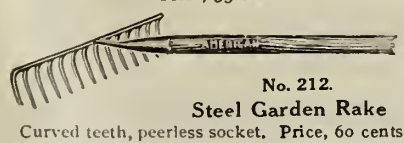


No. B. B. 12

Garden Rake
Price, 55 cents

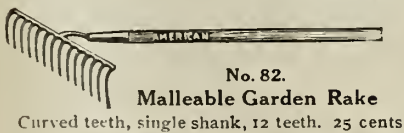


No. 12. M.
Malleable Garden Rake
12 curved teeth, braced shank.
Price, 35 cents.



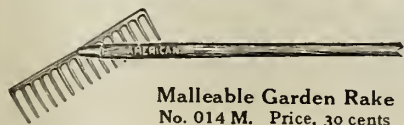
No. 212.
Steel Garden Rake

Curved teeth, peerless socket. Price, 60 cents



No. 82.
Malleable Garden Rake

Curved teeth, single shank, 12 teeth. 25 cents



Malleable Garden Rake
No. 014 M. Price, 30 cents



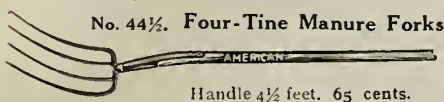
No. E. C. 6

Evan's Garden Cultivator
Price, 80 cents



No. 1
Wood Hand Hay
Rakes

Price, 30 cents

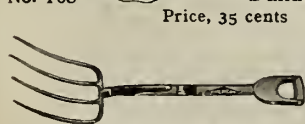


No. 44 1/2. Four-Tine Manure Forks

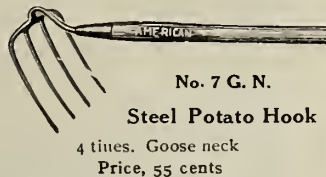
Handle 4 1/2 feet. 65 cents.



No. 168
Dandelion Puller
Price, 35 cents



No. 151. Manure Fork
Price, \$1.25



No. 7 G. N.

Steel Potato Hook

4 tines. Goose neck
Price, 55 cents



No. 31. Floral Tools
3-piece sets
25 cts. to 90 cts.



No. 45. Asparagus Knife

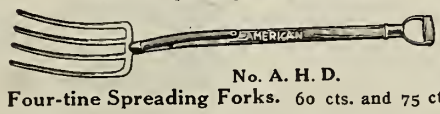
Price, 30 cents



No. 026. Hay Fork. Strap 6 ft. handle
Price, 55 cents



No. A. H. 5 D.
Five-tine Spading Fork. Price, \$1



No. A. H. D.
Four-tine Spreading Forks. 60 cts. and 75 cts.



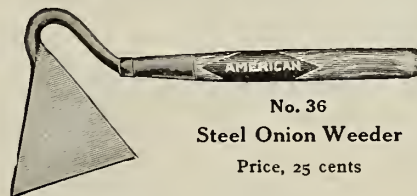
No. 910. Potato Fork
10 oval tines, open or closed at end
Price, \$1.75



No. 7 G. N.

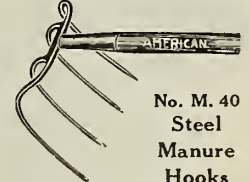
Steel Potato Hook

4 tines. Goose neck
Price, 55 cents



No. 36
Steel Onion Weeder

Price, 25 cents



No. M. 40
Steel
Manure
Hooks

Price, 60 cents



No. 128
Garden Dibble
Price, 35 cents



No. 40
Trowel for
Transplanting
Price, 40 cents



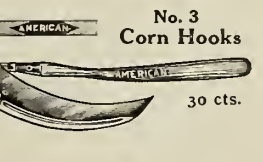
No. L. C.
06 1/2
Light Cotton
Hoe. 40 cts.



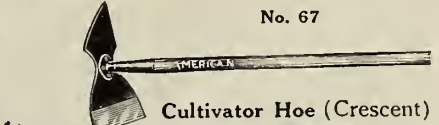
No. T. Y. 4
Ladies' Hoe
Blade 4 inches. Solid shank.
Price, 40 cents



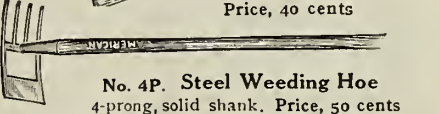
No. G. O. 6
Garden Hoe
Extra-heavy, solid socket. 6-
inch blade. Price, 35 cents.



No. 3
Corn Hooks
30 cts.



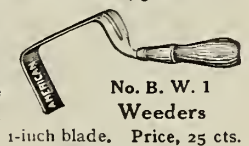
No. 67
Cultivator Hoe (Crescent)
Price, 40 cents



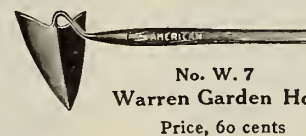
No. 4P. Steel Weeding Hoe
4-prong, solid shank. Price, 50 cents



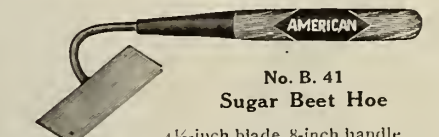
No. S. N. 07
Garden Hoe
Long swan neck, solid socket
Price, 55 cents



No. B. W. 1
Weeders
1-inch blade. Price, 25 cts.



No. W. 7
Warren Garden Hoe
Price, 60 cents



No. B. 41
Sugar Beet Hoe
4 1/2-inch blade, 8-inch handle.
Price, 25 cents

IMPORTANT.—You will note the prices on these tools are very low, but the goods must not be classed with the cheap grade offered by the small dealers at the same price. We are distributors for the factory direct and are saving you the profits of both the dealer and jobber. Order your tools from us and have them sent with your seeds.

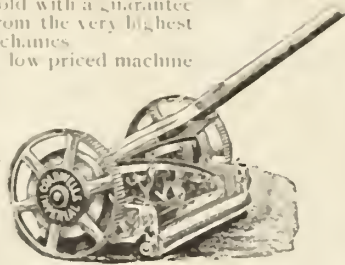
LAWN SUPPLIES

Lawn Mowers

All our mowers are made expressly for us and are high-class in every respect. Every mower sold with a guarantee to be as represented. Made from the very highest class of material by skilled mechanics.

THE HOLMES. The best low priced machine for general use. Superior to all others of its class.

Each	
10 inch cut	\$2 50
12 inch cut	2 75
14 inch cut	3 00
16 inch cut	3 25
18 inch cut	3 50



THE LAKEWOOD. High wheel, ball-bearing, giving a continuous smooth cut. Designed for hand service, simple in construction, parts properly adjusted; runs easily.

Each	
14-inch cut	\$5 50
16-inch cut	6 50
18 inch cut	7 50

THE IMPERIAL. The Easiest Running Lawn Mower Made. This is our very best mower and is not surpassed by any machine on the market. High wheel, ball bearing, perfectly constructed.

Each	
16-inch cut	\$9 00
18 inch cut	9 50
20-inch cut	10 00

Horse Mower. Prices on application.

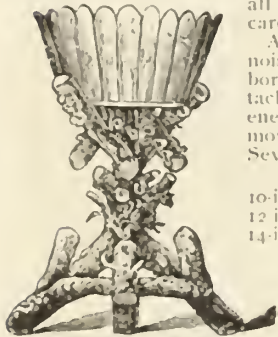
EASY LAWN MOWER

The only Mower made that will cut borders, mounds, terraces and all kinds of uneven surfaces with the same care and efficiency as the smoothest lawn.

ADVANTAGES—Front cut, steel open roller; noiseless in operation. Mows terraces, mounds, borders and close to walls and fences; detachable handle; hooking knives easily sharpened. Does not leave the lawn streaked; mower always runs on cut portion of lawn. Seven sizes for hand use.

Each	
16-inch	\$8 75
18 inch	9 50
20 inch	11 00
21-inch	13 00

Rustic Lawn Vases

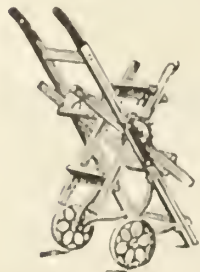


Each	
16-inch diameter	\$4 75
18-inch diameter	5 50

Ball-Bearing Hand Lawn Roller

A child can run them

No.	Diam.	Length	Sec.	Lbs.	Price
1	15 in.	15 in.	2	150	\$7 15
2	15 in.	22 in.	3	200	9 40
3	20 in.	16 in.	2	225	10 50
4	20 in.	20 in.	2	250	11 60
5	20 in.	20 in.	1	250	11 00
6	20 in.	24 in.	3	300	13 60
7	20 in.	24 in.	2	300	13 60
8	20 in.	30 in.	3	350	16 15



Holds 50 ft. 1/2 in. hose
\$2 25



Grass Shears
25 cts. and 50 cts.

Everything for the lawn from lawn seed to the auto-gasoline mower. Our space for illustrating is limited, but our stock of supplies is almost unlimited. If what you want is not here write for prices. We have it.

Pruning Shears

German, 8 in.	\$1 45
Swiss, 8 in.	1 75



Pruning Knives (215)

American	\$1 50
English	1 00

Budding Knives

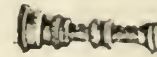
(16)	
Field	\$1 00
Saylor	1 75



Queen Lawn Rake. 40 cts.

English Hedge Shears

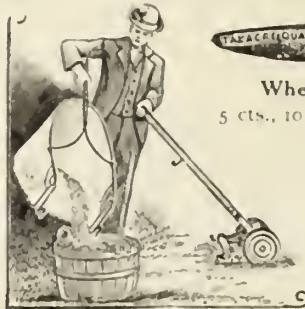
8-inch	\$1 50
10-inch	2 00
12-inch	2 50



Gem Hose Nozzle
35 cts. each



Whet-Stones
5 cts., 10 cts. and 15 cts.



E. Z. Emptying Grass Catcher

Fits any mower

No. 1. Duck Bottom, for 12 to 13-inch mower	\$1 25
No. 1. Galvanized steel bottom, for 12 to 13-inch mowers	1 50

Lawn Sprinkler

Enterprise Sprinkler
\$3 50.



Wooden Fan Trellis

Rubber Hose

Best Empire Rubber,
8 cts., 10 cts., 12 cts.,
14 cts., 16 cts., 18 cts. and
20 cts. per foot, in 25 and
50 feet lengths.



Sickles
25 cts. and 40 cts.

18 inch	\$1 15
24 inch	2 25
30-inch	3 50
36-inch	4 00
42 inch	5 00
48 inch	6 00



Eagle Steel 4-Passenger Lawn Swing

\$13 complete. 2 passenger Swing, \$11.

Flower Pots, Earthen

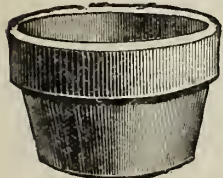


Flower Pot:

Height and width inside	Each	Doz.	100	1,000
1 inch.....	\$0 01	\$0 08	\$0 60	\$3 75
2 inches.....	01	08	60	4 00
2½ ".....	01	08	60	4 45
2¾ ".....	02	10	75	5 50
3 ".....	02	15	1 50	7 00
3½ ".....	02	18	1 25	8 50
4 ".....	02	25	1 50	11 00
4¼ ".....	03	30	1 60	12 50
4½ ".....	03	30	2 00	14 90
5 ".....	04	40	2 75	20 00
5½ ".....	05	45	3 25	25 00
6 ".....	05	55	4 00	30 00
6½ ".....	06	70	4 75	44 00
7 ".....	08	85	6 50	55 00
8 ".....	12	1 25	9 00	77 00
9 ".....	20	1 75	14 00	110 00
10 inches.....	25	2 30	17 50	148 50
11 ".....	30	2 90	23 00	
12 ".....	45	4 25	36 00	
14 ".....	70	7 90	60 00	
16 inches, hand made.....	1 50	13 50		

10 inches.....	25	2 30	17 50	148 50
11 ".....	30	2 90	23 00	
12 ".....	45	4 25	36 00	
14 ".....	70	7 90	60 00	
16 inches, hand made.....	1 50	13 50		

Bulb Pans, Earthenware



Bulb Pan

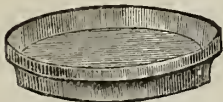
Diam. inside	Each	Doz.	100
6 inches.....	\$0 07	\$0 75	\$3 75
7 ".....	08	85	4 80
8 ".....	10	1 10	6 00
9 ".....	15	1 30	8 40
10 ".....	20	1 70	10 80
12 ".....	25	2 35	15 00
14 ".....	50	4 45	30 00
16 ".....	90	7 80	60 00
18 ".....	1 25	11 70	90 00

Seed Pans, Earthenware

Each	Doz.
6 inches, square.....	\$0 20 \$2 00
8 ".....	25 2 50
10 ".....	30 3 00
12 ".....	40 3 50



Seed Pans



Earthenware Saucers

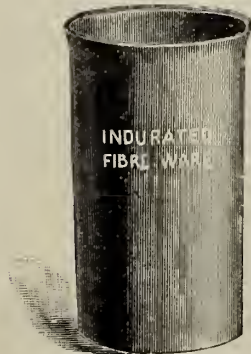
Each	Doz.	100
4 inches... \$0 02	\$0 20	\$1 12
5 "..... 03	30	1 40
6 "..... 03	35	1 88
7 "..... 04	40	2 40
8 "..... 05	55	3 60
9 "..... 06	65	4 80
10 "..... 07	80	6 00
11 "..... 10	1 00	7 20
12 "..... 12	1 25	9 00
14 "..... 20	2 00	15 00



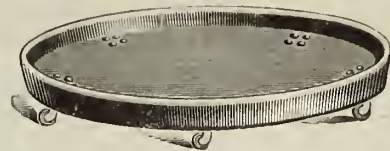
Fern Pans

Width	Height	Each	Doz.	100
4 in.	1½ in.	\$0 04	\$0 40	\$3 00
4¾ in.	2¼ in.	05	45	3 50
5½ in.	2¼ in.	06	50	4 00
6¼ in.	2¼ in.	07	60	4 50
7 in.	2¾ in.	09	70	6 00
8 in.	3¾ in.	11	90	7 50
9 in.	3¾ in.	15	1 00	8 00

Wood Fiber Flower Vases



No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	\$0 50	\$5 25
1	5½ "	10 "	45	4 75
2	4½ "	9 "	40	4 25
3	4 "	6 "	35	3 50
4	3 "	4½ "	30	3 00
00	9 "	21 "	1 00	9 00
11	5 "	18 "	50	4 80
22	4½ "	15 "	45	4 20
33	4 "	12 "	40	3 60
44	3 "	9 "	35	3 00
000	9 "	29 "	1 75	18 00

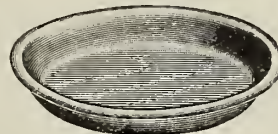


Rolling Stands, Wood Fiber

For heavy plants and palms. Made of indurated fiber ware.

Size outside diam.	Will fit Pot	Will fit tub	Each	Doz.
12 inches.....	10 inches.....	No. 8	\$0 60	\$7 00
14 ".....	12 ".....	No. 8	70	8 25
16 ".....	14 ".....	No. 8	90	10 00
18 ".....	16 ".....	No. 7-6	1 00	12 00
20 ".....	".....	No. 5	1 10	14 00
22 ".....	".....	No. 4	1 35	17 00

Flower Pot Saucers, Wood Fiber



Fiber Saucer

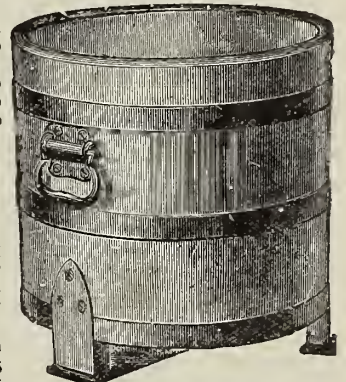
Each	Doz.	100	
4 inches.....	\$0 09	\$0 95	\$7 50
5 ".....	10	1 05	7 75
6 ".....	11	1 10	8 00
7 ".....	12	1 15	8 80
8 ".....	13	1 25	9 40
9 ".....	14	1 35	10 40
10 ".....	15	1 45	11 00
12 ".....	18	1 75	13 00
14 inches.....	20	2 25	17 00
16 ".....	35	3 75	30 00
18 ".....	40	4 60	35 00

Cedar Tubs

Drop handles, iron legs, green.

Outside-measurements.

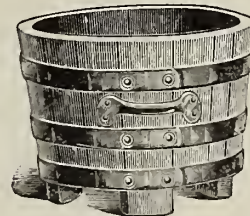
No.	Diam.	Top	Height	Each
1.....	13¼ in.	12 in.	\$1 25	
2.....	14½ in.	14 in.	1 50	
3.....	16 in.	16 in.	1 75	
4.....	21 in.	18 in.	2 50	
5.....	24¾ in.	20 in.	3 50	
6.....	25¾ in.	22 in.	4 50	



"Columbia" Tubs

The "Fancy" has red wood staves alternating with natural. The Plain has smooth top and is entirely natural wood.

No.	Diam.	Height	Plain
1.....	12 in.	11 in.	ea. \$1 25
2.....	15 in.	14 in.	ea. 1 75
3.....	18 in.	16 in.	ea. 2 25
4.....	21 in.	18 in.	ea. 2 75
5.....	24 in.	20 in.	ea. 3 25



Oak Tubs or Jardinieres

The very latest in Jardiniere ware. Made of richly finished oak, with highly polished brass hoops.

Low Form for Bulb and Fern Pots

No.	To fit Pans	Each
75.....	6 inch.....	\$3 75
85.....	7 inch.....	4 25
96.....	8 inch.....	4 75
116.....	9 inch.....	5 25
127.....	10 inch.....	6 00

High Form for Standard Flower Pots

No.	To fit Pots	Each
77.....	6 inch.....	\$4 00
88.....	7 inch.....	4 50
99.....	8 inch.....	5 25
119.....	9 inch.....	5 75
1111.....	10 inch.....	6 25
1212.....	11 inch.....	7 00
1414.....	12 inch.....	8 00

Farm and Garden Tools Department

IRON AGE IMPLEMENTS

OUR STOCK OF IMPLFMENTS IS THE MOST COMPLETE. OUR PRICES THE LOW-EST. IF WHAT YOU WANT IS NOT HERE, WRITE FOR IT. WE HAVE IT

NO. 19 WHEEL-PLOW AND CULTIVATOR



The wheel is made of steel 24 inches high, and is very strong. The tire is one inch in width.

The frame is made of steel throughout, which insures durability and lightness. The handles are made of best oak, and are nicely finished.

The working tools consist of a plow, rake, scuffle hoe and two cultivator teeth.

Price, \$3.25. Weight packed 22 pounds

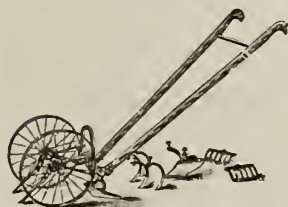
NO. 6 COMBINED DOUBLE AND SINGLE WHEEL-HOE, HILL AND DRILL SEEDER

Sows all kinds of seed, from celery to beans, with the greatest regularity in hills 4, 6, 8, 12 and 24 inches apart or in drills and is instantly changed to a double or single wheel-hoe, etc., which is shown as the No. 1 below. Complete, \$12, as Seeder only, Iron Age No. 7, \$9.



NO. 1 DOUBLE AND SINGLE WHEEL-HOE

As a double wheel this tool is valuable in many crops, as onions, turnips, radishes, etc., as it may be run astride the row and cultivate both sides at the same time. May be quickly changed to a single wheel, to a hoe, cultivator, plow or rake. A seeder attachment as on the No. 6, may be added at any time. Price, complete, \$7; No. 3 iron age (side hoes only), \$4.25.

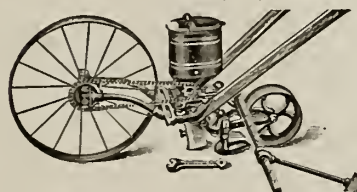


NO. 20 SINGLE WHEEL-HOE

Is a most perfect single wheel tool. It plows, rakes, cultivates and hoes. As with the No. 1 above, the drill seeder or hill and drill seeder attachment may be added at any time. Price, No. 20 complete \$6; No. 21 (side hoes only), \$4.



NO. 18 DRILL SEEDER

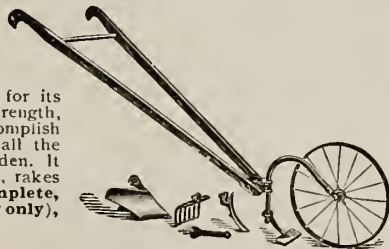


Iron Age Drill Seeder will sow all kinds of seeds in drills or continuous rows and is a low-priced tool. \$7.50.

The wheel-hoe parts, as plow-cultivator teeth, rakes and hoes, may be added at any time, thus making a complete combined tool as the Iron Age No. 17 Combined Single Wheel-Hoe and Drill Seeder.

NO. 12 WHEEL-PLOW AND CULTIVATOR

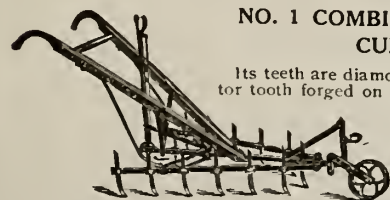
The No. 12 is remarkable for its exceeding lightness, great strength, the amount of work it will accomplish and the low cost. Will do all the cultivation of a kitchen-garden. It plows, furrows, covers, hoes, rakes and cultivates. Price complete, \$3.50; No. 11 Iron Age (plow only), \$2.50.



NO. 1 COMBINED HARROW AND CULTIVATOR

Its teeth are diamond shape, with a small cultivator tooth forged on one end. For very close work, every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil but at the same time throws but very little earth. Price,

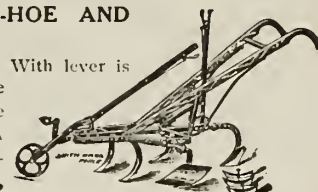
complete with lever expander and plain wheel, \$6; plain (without wheel and lever expander), \$3.75.



NO. 6 COMBINED HORSE-HOE AND CULTIVATOR

Remarkable for great adjustability. With lever is expanded from 14 to 30 inches. The wheel regulates the depth. The side hoes have numerous adjustments. A most satisfactory and popular implement. Price, complete as in cut,

\$6.25. With plain wheel and without lever expander, \$5.



CELERY HILLERS

are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. With them some of our best and largest growers hill their celery without



Double, Packed, Weight, 88 lbs.

any handling. Equipped with lever expanders and leaf lifters, and is fitted with lever wheel. The hilling blades are 43 inches long, adjustable in width or height as

wanted; works all rows up to 4 feet apart. Before hilling, the soil should be thoroughly loosened with a horse hoe. \$16.

NO. 25 IRON AGE SINGLE-WHEEL FERTILIZER DISTRIBUTOR

With the Iron Age Fertilizer Distributor, fertilizer may be sown across the bottom of the furrow or on either side, so it will not come in contact with the seed and possibly injure it; or, the tool may be used for side-dressing the growing crops. Side-dressing often forces a crop to mature earlier, becoming more tender and salable. The tool is light in weight and very strongly built. Price, \$8.

The Iron Age Fertilizer Attachment, with all necessary parts, price, \$4.50, may be applied to many of the Iron Age garden tools. The attachment may be removed from this tool and a seeder attachment applied, or any of the working tools as shown on No. 20 may be applied.



IRON AGE COMBINED BARREL TRUCK, HAND CART, LEAF RACK, ETC.

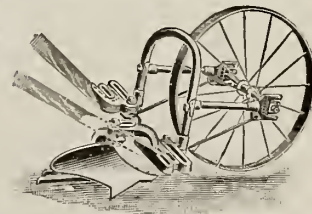
Barrel Truck, without barrel, but including one pair of trunnions, wheels 1 1/2 inches, \$7. Barrel, with trunion, \$3.40. Hand Cart Box for truck, \$3.25. Leaf Rack for truck, \$5.50.

NO. 1 IRON AGE HORSE-HOE AND CULTIVATOR

In its plain, simplest form, \$3.50. A plain wheel, lever expander, horse-hoes and sweeps may be furnished with this tool, as shown on No. 6 above.

LANDSIDE PLOW

Plow and connections, 90 cts. The cut plainly shows the Landside Plow following in line with the single wheel, which converts the tool into a perfect wheel-plow. This attachment can be used with two wheels, but is much more manageable with but one, as shown in cut. It is easily attached. plows deep, throws a strong furrow and runs remarkably steady.



DOUBLE MOLD-BOARD PLOW

This plow may be applied to any and all of our wheel-hoes and combined tools. Has adjustable wings to suit opening furrows of various widths. For narrow work the wings can be removed altogether. Price, \$1.40.

It is far better for you to have your money invested in labor-saving machines, which will pay you 25 to 50 per cent and more on the investment, than to put it in bank and get only 3 per cent—giving the banker the biggest profit.

HOLMES' GREEN PROLIFIC LIMA BEAN

PACKET 25¢ 3 PACKETS 50¢

FULL DESCRIPTION SEE PAGE 6



GROWS GREEN
DRIES GREEN
STAYS GREEN
MOST PROLIFIC

Actual size of pods

HOLMES SEED CO.
9 N. MARKET SQUARE, HARRISBURG, PA.