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FEB 6 1917

HOLCO SEED BOOK

for 1917

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The
**HOLMES-LEATHERMAN
SEED COMPANY
CANTON, OHIO**

FOREWORD



ONCE again we have pleasure in presenting to the general public our "Holco" Seed Book for 1917. This book will be found comprehensive, as former issues. Our Seeds have been unequalled for reliability, quality and purity. We have received praise from all parts of the country, and our aim has been to extend our business and retain our present customers by giving them a prompt service and by supplying high quality goods at reasonable prices. Having a specially-trained staff, and the most up-to-date seed establishment, you will understand we can give your valued orders or inquiries prompt and accurate attention.

Kindly place your orders with us early and thus save unavoidable delay and probable disappointment.

We are at your service for any inquiries you may wish to make, and we trust for a continuance of the confidence shown in us in the past. We hope to have the pleasure of filling your orders again this year. We remain,

Yours faithfully,

H. L. HOLMES, JR., General Mgr.

THE HOLMES-LEATHERMAN SEED COMPANY.

WE DELIVER FREE

We will deliver free by Parcel Post or to any Express office at our option, all vegetable and flower seeds by the packet, ounce, quarter (1) pound, pound and pints. We do not charge for packing or boxes.

HOW TO ORDER. Please be careful to sign your name, postoffice, county and state on each and every letter or order sent us. Cash should accompany the order.

You may remit at our risk, either by postoffice order, bank draft, express order, or cash by registered letter. We take postage stamps the same as cash.

YOU RUN NO RISK in sending cash with order. Our financial responsibility can be learned from any bank, trust company, or merchant who subscribes to either of the Commercial Agency Reports.

OUR GUARANTEE. We guarantee our seeds to be just as represented. If they prove otherwise, we will recall the order free of charge, or return your money. We do not guarantee the crop under any circumstances.

SHIPPING FACILITIES OF CANTON. The Pennsylvania R. R., B. & O. R. R., Wheeling & Lake Erie R. R., express service of the Adams, Wells-Fargo, Electric Package and American Express Companies offer quick transportation to any part of the United States.

CHANGE OF ADDRESS. Please notify us of any change of permanent address, to enable us to keep our mailing list correct and thus ensure your receiving our various publications promptly and regularly. The favor of your kind recommendation of our goods to those of your friends requiring seeds, bulbs, plants, or tools, for use in the garden, farm, or conservatory, will be very much appreciated, and we shall be pleased to forward our catalogue to the address of any prospective customer you may favor us with.

The Holmes-Letherman Seed Co. give no warranty, express or implied, as to description, quality, productiveness, or other matter of any seeds, bulbs, plants or trees they send out, and will be in no way responsible for the crop. If the purchaser does not accept goods on these terms, they are at once to be returned.

TESTIMONIALS FROM CUSTOMERS. We are always pleased to hear from our customers regarding the results of their gardens. We appreciate the unsolicited testimonials we receive annually and are glad to publish as many as space will permit. Photographs of gardens and particularly of individual vegetables, flowers or plants are always very gladly received by us.

EMPLOYMENT DEPARTMENT

It may please you to know that we are continually in touch with gardeners and assistant gardeners of splendid character and ability who, through our office, prefer to make a change of situation. Write us when in need of a gardener and we will place you in communication with such parties. Any services which we may render in this connection are at your disposal without charge to any concerned.

FEB 6 1917

THE HOLCO SERVICE

THE RETAIL STORE OF HOLMES-LEATHERMAN SEED CO.

This is the place to purchase "HOLCO" SEEDS, if you can come to our establishment.

We hope you will call, but if you cannot, your order will receive the same care as a personal call.

All mail orders are filled from the same seed used in filling counter orders.



RETAIL SEED STORE

Seeds, Plants, Bulbs and garden Supplies.



INTERIOR OF HOLMES LEATHERMAN SEED CO.
RETAIL DEPARTMENT



WAREHOUSE

The very best and most modern seed cleaning machinery for handling seeds are used in this warehouse, and all seeds are most thoroughly cleaned.

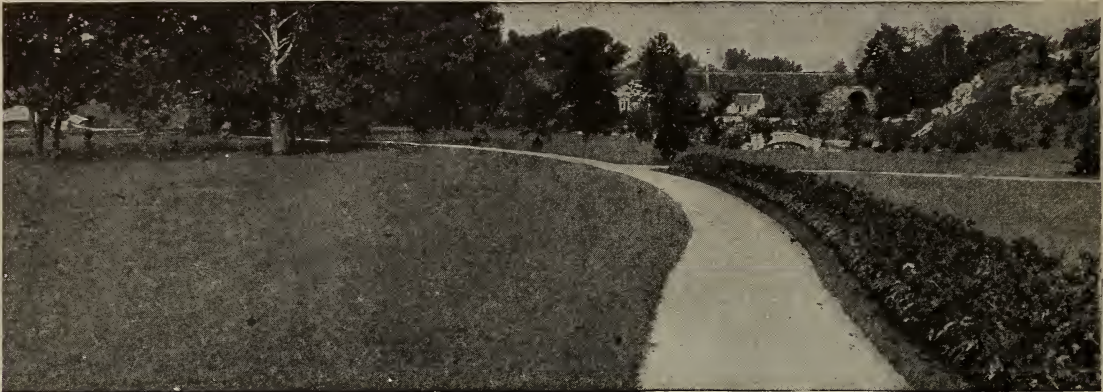
We carry a big stock here, corn, field seeds, grasses, clovers and vetches are carried here in large quantities. Our fire-proof cement building adds greatly to our facilities for handling wholesale orders.

Our shipping and order departments are very complete and cover no less than nine different railroad, express, motor and wagon routes. Orders are usually filled and shipped the same day they are received.



SECOND FLOOR

A corner, showing method of piling bags of seed. The bags are placed so as to allow a free current of air through them.




“Velvet Green” Lawn Grass Seed

We have endeavored to give you a LAWN GRASS SEED MIXTURE which will produce a perfect turf of deep green, velvety sward, free from clumps, in from 4 to 6 weeks' time.

The “Velvet Green” Lawn Grass Seed is intelligently arranged combination of fine-leaved, dwarf grasses, which will stand wear and tear, outlive the winter, retaining at all times its lustrous green color. It is impossible to make an enduring lawn by sowing seeds of a single variety, which will only grow for a portion of the year. Kentucky Blue Grass, for instance, which is sometimes recommended for lawns, grows but sparsely during midsummer, is slow to form a close sward, requiring 2 years, and loses color in hot weather.

Holco “Velvet Green” Lawn Grass Seed is in reality as cheap as any other, notwithstanding its high quality. Many mixtures on the market weigh only 14 lbs. to the bushel. The “Velvet Green” Lawn Grass Seed weighs 20 lbs per bushel, being free from chaff and therefore is much heavier than ordinary mixture, showing its very highest grade. The quantity required for new lawns: 1 qt. on 100 sq. ft. (10x10); 4 qts. on 600 sq. ft. (20x30); 1 pk. on 1,500 sq. ft. (30x50); 1 bu. on 7,000 sq. ft. (70x100); 5 bu. per acre for best results. For renovating old lawns, use one-half of above quantities.

Price of Holco “Velvet Green” Lawn Grass Seed: Qt. 25 cts., 4 qts. 85 cts., pk. \$1.25, bu. of 20 lbs. \$5, 5 bu. \$24. Delivered free in the U. S., by mail, express or freight, at our option.

Mrs. W. C. Green, Glenardene, New Berlin Rd.—“Having used your seeds exclusively this season with splendid results, I can recommend them. The vegetable and flower seeds were especially good, and I most certainly wish you all the success you want and as good results with your seeds as I have had with them this season. Thanking you.”

Mary E. P. Ambler, Bent Brooke, New Berlin Rd.—“We used nothing but seeds from Holmes-Letherman Seed Co., and in spite of the hot dry summer we had a most satisfactory garden, our tomatoes and melons being unusually fine.”

Chas. Chader, Mgr. H. H. Timken Farms.—“It gives me great pleasure to inform you of the good results I have had with your Lawn Grass Seed. I used it extensively this past spring at places where there was difficulty in getting good lawns, and where the successful results from your seeds have been remarkable. The lawn among the trees affords the very best evidence of the high quality, purity and permanence of your Lawn Grasses. Your mixtures, I consider especially valuable.”

The photograph on the cover of our Seed Book is the residence of Mr. W. C. Green, Glenardene, New Berlin Road.

Holco Shaded Lawn Grass Seed



Shaded locations, produced by overhanging large trees, shrubbery, buildings, etc., have often been found difficult to keep in grass. We have made a special study of such conditions, have combined a mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this, apply air-slaked lime (or land plaster where the former is not available) at the rate of 1 bu. to each 1,000 sq. ft. Lime should be applied about every 3 years only, while land plaster may be applied periodically during the summer. Frequent fertilizer applications, such as bone meal or sheep manure, are a great help in establishing a thick, healthy growth of grass in shaded places. This mixture weighs 20 lbs. per bushel, and will prove to be a remarkable success. Price of Holco Shaded Lawn Grass Seed: Pt. 20 cts., qt. 30 cts., 4 qts. \$1.00, pk. \$1.50, bu. of 20 lbs. \$6.00. Delivered free in the U. S., by mail, express or freight, at our option.

Holco Terrace or Embankment Lawn Grass Seed

This is a special blend of grasses. Especially suited for sowing on terraces, embankments and hillsides. Grasses that produce long, strong, fine-leaved, deep rooting, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure and at the same time produce a green, velvety turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for, though strong-rooted, the grasses are fine-leaved. Price: Pt. 20 cts., qt. 30 cts., 4 qts. \$1, pk. \$1.50, bu. of 20 lbs. \$6.00.

Holco Fair Greens (Golf Course) Mixture

Composed of short-growing, deep-rooted varieties, resists plenty of wear. It retains its color well during the severest droughts. Golf courses to retain their permanency should receive additional sowings during the season. Sow 6 bu. per acre. Prices: Qt. 25 cts., 2 qts. 45 cts., 4 qts. 75 cts., 1 pk. \$1.25, 1 bu. (20 lbs.) \$4.50, 5 bu. \$21.25, 100-lb. lots and over 21¼ cts. lb.

Holco Putting Greens Mixture

While many greens keepers prefer to make their own mixtures for this purpose, there are some who rely on the ability and experience of the seedsman. Our formula for this has been reached after many extensive tests. It is a quick-growing mixture of short-growing fine-bladed grasses, over which the ball can roll without resistance. In sowing Putting Greens it is wise economy to be very liberal with the seed, as these places are subjected to hard use. We do not recommend less than 1 bu. of 20 lbs. (and more is better) to a green 75 feet square. Prices: 1 qt. 30 cts., 4 qts. \$1, 1 pk. \$1.75, 1 bu. (25 lbs.) \$7.00, 5 bu. \$32.50, 100-lb. lots and over, 26 cts. lb.

Ralph Provan, Esq., Sewickley, Pittsburgh.—"We cut our lawn grass six weeks from planting. Your seed is a hummer."

J. H. Hunter, Canton, O.—"The seed I got of you grew and gave me a fine lawn and was green throughout the entire season."

HOLCO PERMANENT GRASS MIXTURE FOR PERMANENT PASTURE AND HAY.

Sow three to four bushels to the acre, or half this amount in established pasture.

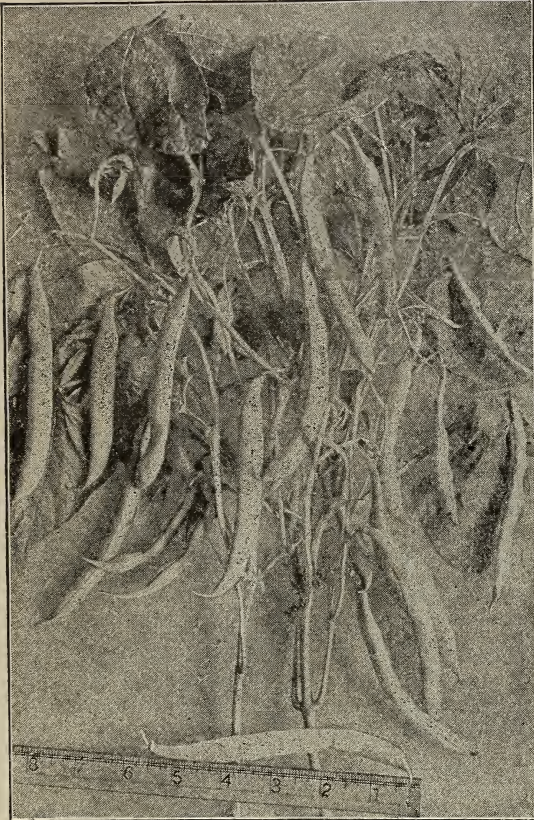
This is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food-supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in 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 our Permanent Pasture Mixture. 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. Lb. 25 cts., bu. of 15 lbs. \$3, 5 bu. \$13.75, 10 bu. \$26, 25 bu. \$62.50, 50 bu. \$120.

WHITE DUTCH CLOVER SEED

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 60 cts. postpaid. Price per bu. on application.

Holco Tested Seeds—Novelties and Specialties

WE PAY POSTAGE ON ALL VEGETABLE SEEDS QUOTED BY THE PACKET, OUNCE, QUARTER-POUND, POUND AND PINT



SURE-CROP STRINGLESS WAX BEAN

Bountiful Bean

A FLAT GREEN-PODDED BUSH BEAN

A Prolific and Continuous Bearer. The First in Spring, the Last in Fall. Absolutely Stringless, Very Tender and of Delicious Flavor.

This superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known. Our customers who have grown it are enthusiastic in its praise. The plant is remarkably handsome and of thrifty growth, being practically rust and mildew proof. Very hardy, extremely early, very prolific, bears continuously for several weeks; the first to give pods fit to pick in the spring, and the last to yield edible pods in the fall. But the crowning merit of this grand Bush Bean is in the rich green pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, of high quality, meltingly tender, having a delicious flavor exclusively their own. Moreover, the pods are absolutely stringless, entirely free from any tough, membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity. Price, pkt. 10 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.35, pk. \$2.50.

Sure-Crop Stringless Wax An Absolutely Stringless Bush Bean

Enormous Pod Good Yielder

An Early Flat Wax-Podded Variety. Golden Yellow Wax Pods Without Rust.

A comparatively new variety, but has come very rapidly into general favor. It is in our opinion a decided acquisition. The plant is strong, dwarf, not too strongly branching, with large, almost smooth, lustrous green leaves. Bears an enormous crop of pods of a most beautiful yellow color. This color is maintained clear to the tips. The pods are about six inches long and almost straight, but with the valuable characteristic of curving slightly at the ends towards maturity, thus avoiding contact with the ground, and preventing liability to rust and rot, also preserving intact the natural beauty of the pod. We have found it very early, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight. Price, pkt. 10 cts., pt. 30 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

Mrs. Louis S. Fitz Randolph, Negley, O.—"I was much pleased with the promptness with which you filled my order. All your Bountiful Bean seeds have grown."



BOUNTIFUL BEAN

A White-Seeded Stringless Green-Pod



KEENEY'S STRINGLESS GREEN-POD

lutely stringless at all stages of growth. The handsome, light-green pods will immediately attract all who desire both quality and quantity. The seed being white can be used for dried beans in the winter. Pkt. 10 cts., pt. 30 cts.; qt. 50 cts., 2 qts. 90 cts., 4 qts. \$1.75, pk. \$3.25, bu. \$12.00.

Keeney's Stringless Green-Pod Refugee

A ROUND GREEN-PODDED BUSH BEAN

Of Fine Quality, Long, Round, Green Pods, Always Solid
Tender and of Delicious Flavor

For many years the originator of this grand bush bean has been working to eliminate the string of the old Thousand to One Green Pod Refugee. In this bean he has succeeded. Its habit of growth, pod and seed are practically the same as the old Thousand to One Refugee, but maturing its beans a few days earlier. Very productive; of true bush form; attains a height of 18 in. The handsome, round, green pods average about 5 in. long and are brittle, tender, fleshy and perfectly stringless at all stages of their growth. Its quality is superfine; for commercial canning it is unequalled, as the tender, green pods retain their beautiful green color, and being entirely stringless, makes it far superior to any other variety. For home or market garden, Keeney's Stringless Green Pod Refugee bean will be found very desirable and for the shipper it has no equal. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

Holmes' Green-Prolific Large-Seeded Pole Lima Beans

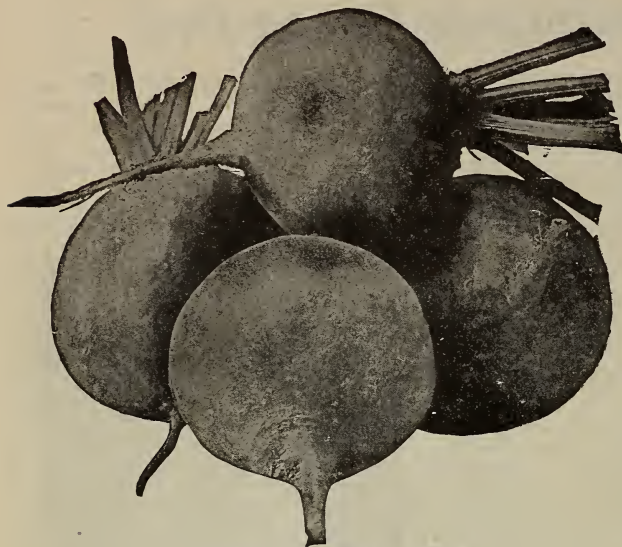
The Largest Podded and Heaviest Cropper of
All Lima Beans

The pods are truly gigantic in size, frequently measuring from 7 to 8½ in. in length by from 1½ to nearly 2 in. in width. The beans are extra large and thicker than any other Pole Lima, excepting only those of the Potato Lima type; they are invariably of finest flavor. Holmes' Green-Prolific excels all other Limas in vigor of growth. The vines grow so rapidly that they quickly cover the poles. In rich ground we would recommend planting only two or three seeds to a hill and thinning out to one plant. The pods, borne in clusters of from 4 to 8, stand out well from the foliage. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.00, pk. \$2.00.

Undoubtedly the best green-podded bush bean yet produced! The original Stringless Green-Pod, so long famous, matures from 3 to 5 days earlier, however, and for first-yearly will probably still remain as popular as ever. For gardeners to whom a few days do not matter, **New White-Seeded Stringless Green-Pod** will prove, without question, to be the "very best of all." Bushes attain a height of 18 to 20 in., are very vigorous, their prolific character is immediately noticed when one separates the foliage at the top. Leaves are bright dark green, quite heavy, but not overabundant, so that the strength of the plant is concentrated upon the production of an enormous crop of handsome pods. Pods measure from 5½ to 6½ in. long, ½ in. wide, ¼ in. thick—so full and fleshy that they are almost perfectly round. They are brittle, juicy, abso-



HOLMES' GREEN-PROLIFIC POLE LIMA



"HOLCO" FIREBALL BEET

HOLCO FIREBALL BEET

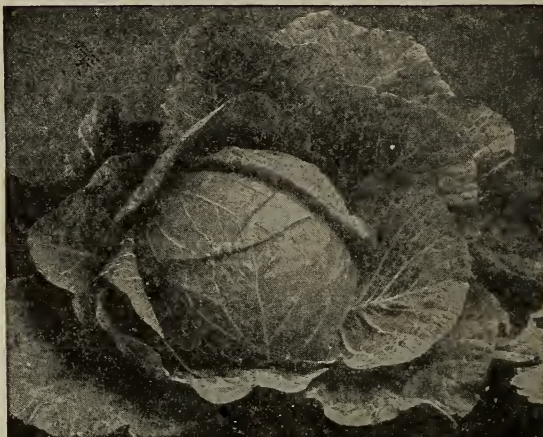
A SPECIALLY SELECTED STRAIN
IT HAS NO SUPERIOR

An Early Maturing Beet. The Finest Shaped
Beet in the World. The Deepest Blood Red
of All Beets. Has No Equal for Table Use.
The Most Handsome Beet Grown.

In many ways a vegetable wonder. It leads all others. This beet has no superior. For market purposes it is the popular favorite everywhere as its attractive appearance, perfect globe shape, catch the fancy of the most critical buyers. Much superior in quality to the Egyptians, having very fine grained, rich and exceedingly tender flesh. The leaves are small, upright, of rich purple color, and borne on slender stems, occupying but a small portion of the bulb. The roots are uniformly medium sized. The surface is remarkably smooth. It has a very small tap root. The color of the skin and flesh is a brilliant, dark fiery red, the richest darkest red of any beet. This intensity of color is retained when cooked. Fireball is equally valuable for early frame work and for the open ground. Will give the best satisfaction to all whether they grow for pleasure or profit. See illustration. Price, pkg. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25, postpaid.

Early Cabbage--- Copenhagen Market

With thousands of growers throughout America, Copenhagen Market has proved its unique value in being the first round-head Cabbage of good size to mature uniformly as early as Jersey Wakefield—and yield heavier crops. First introduced six years ago, Copenhagen Market has already become immensely popular with market gardeners throughout America. The Heads are round in form averaging about 8 pounds in weight; are very solid, with small core and of good quality. Plants are short-stemmed, the heads being produced almost on the level of the ground. Leaves are light green, rather small, saucer-shaped, and always tightly folded. It is ready for the market fully as early as the Early Jersey Wakefield, and the heads being larger give a heavier yield per acre than that popular variety. We offer the true stock grown under contract for us in Denmark. Unfortunately there is on the market a later strain grown in Holland and sold under the same name. Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.10, lb. \$4.00, postpaid.



COPENHAGEN MARKET CABBAGE

Pe-Tsai, Chinese or "Celery" Cabbage

Until recently the new vegetable known as Chinese celery cabbage was unknown in this country, except among the Chinese of the Pacific coast, but it is now being grown in every state in the union by those who are ready to grow something new and try it in every possible way to determine the good qualities. Is not found practical to grow it in the early summer, as it inclines to go to seed without heading, but if the seed is sown early in August, in rows from 2 to 3 feet apart and the plants thinned to stand 15 in. apart in the row, a most excellent vegetable can be grown. Develops quickly, and as the weather gets cooler, it heads up nicely, producing nice, crisp, celery-like stalks, closely headed in, until it forms quite a compact mass. It can be eaten raw, made into salads, or cooked as cabbage or greens. Does not require long to cook thoroughly. Is rapidly finding a place in the markets, and people are using it as rapidly as it is brought to them. Will be found an excellent addition to late summer and autumn vegetables. Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.75, postpaid.



PE-TSAI
From a Photograph

Wm. Champion, Sr., Mount Vernon, O.—"The seeds I purchased from you this season did as well as anyone could wish, taking into consideration the weather conditions we have had this summer. Will give you an order next spring."



HILLS FORCING CUCUMBER

DARK-GREEN COLOR

PERFECT SHAPE

MOST RELIABLE OF ALL THE WHITE SPINE TYPE

In our strain of Hills Forcing White Spine we believe we have the most uniform shaped, dark-green cucumber grown. It is equally good for forcing, and as a slicer, in our opinion, has no superior.

It is very popular with home gardeners, and equally so with market gardeners and anyone desiring cucumbers, holding their dark-green color until maturity.

If you do not grow this variety you should do so and give yourself one of the choicest and best of white spine varieties. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 35 cts., lb. \$1.00.**



HOLCO OHIO YELLOW GLOBE ONION

Holco Ohio Yellow Globe

HEAVY AND SOLID

ENORMOUS YIELDERS

KEEPING QUALITIES UNSURPASSED

The most perfect strain of Yellow Globe Onions in existence. Early, sure cropper, largest yielder, long keeper. Mildest in flavor, attractive, handsome, bright, even color, ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers and enormous yielders. This Onion is good for all classes of soil and on account of its quick maturing qualities we consider it to be the most valuable yellow onion for all markets. Our supply of seed is grown in the State of Ohio under our own supervision, bulbs are inspected by us before planting. We can recommend this strain to the most critical grower. **Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.**

Geo. Newcomer, Indiana.—“The onions from your seed were 60% better than any in this swamp. We got 750 bushels per acre. We want the same variety of onion seed next year. Kindly quote us price.”

D. A. Yenny, Aultman, O.—“I never had better onions than what I purchased of you this last season.”

Isaac Mohler, Hartsville, O.—“The vitality of your Onion seed was better than any I had this year.”

The Best
Head
Lettuce
On Earth



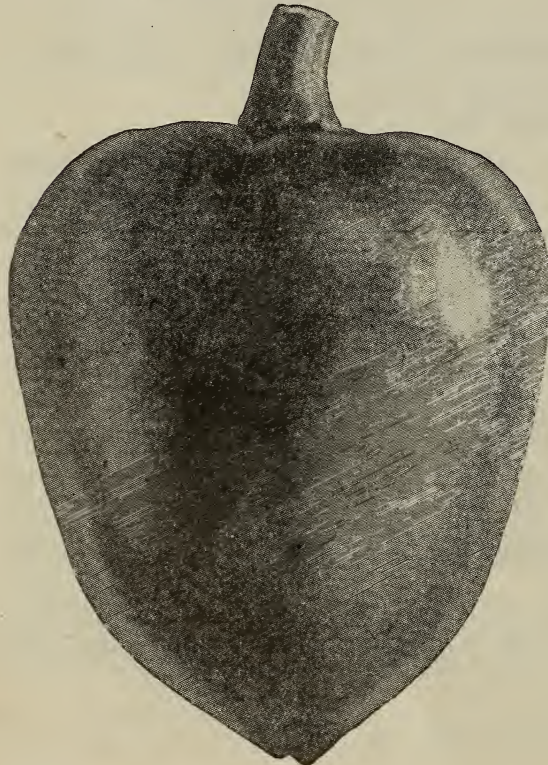
Big,
Compact,
Creamy,
Buttery
Heads

BIG BOSTON LETTUCE
BIG, COMPACT TENDER and CRISP

Head large, very solid, light green, of excellent quality. May be sown the whole season and keeps its head very well. Big Boston is the most satisfactory variety to force in greenhouses and gently forced in a moderate temperature it makes perfect heads. For spring and early summer crops in the open ground it always brings a good crop and in the fall is used more than any other lettuce because it is not harmed by the early light frosts. It is an extensive grower on muck land, owing to its fine heading and delicate quality and besides being a good shipper. No other variety that we know of gives satisfaction under so many varying conditions. We heartily recommend our stock of Big Boston to the most discriminating trade. We believe the seed we offer is the best obtainable. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50. See Page 29.

Mr. Chas. White, Colorado.—"Your Big Boston Lettuce has come truer to type as well as being harder heading than any I have had for some time. Enclosed find order."

J. K. Royer, Hartville, O., Sept. 20, 1916.—"Your Big Boston Lettuce was true to type and germinated good; certainly made money for me."



PIMENTO PEPPER
THICKEST FLESHED OF ALL PEPPERS
THE SOLID MEAT IS ALWAYS SWEET

The fruits are rich crimson-scarlet in color, while the form is very distinct, being of regular conical shape, as shown in the illustration. The peppers measure from 2 to 2¼ inches across at the stem end and average from 3 to 3½ inches in length. The skin is perfectly smooth, without any ridges; therefore, if the peppers become soiled with dirt they can be washed easily and put in attractive marketable condition. The firm flesh measures ⅝ of an inch in thickness. The peppers are never hot in any part of the fruit, even the flesh around the seeds being sweet. The fruits are just the right size for stuffing for individual use. The plants are 2 to 2½ feet in height, branching freely, and produce a heavy crop. We feel sure that the New Pimento Pepper will quickly become very popular both with private planters and growers for market. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1.40, lb. \$4.75.

Prof. W. F. Massey stated.—"Pimento Peppers have certainly been wonderful, not only in quality but productive-ness. It is certainly the best of all sweet Peppers, truly sweet, with not a trace of fire in it. We eat them daily. They are just the size to stuff and pickle, smooth and better shaped. The Chinese Giant is entirely too huge and does not make a tenth part of the Peppers the Pimento does."

IMPROVED GOLDEN BANTAM SWEET CORN

FOR VERY EARLY .

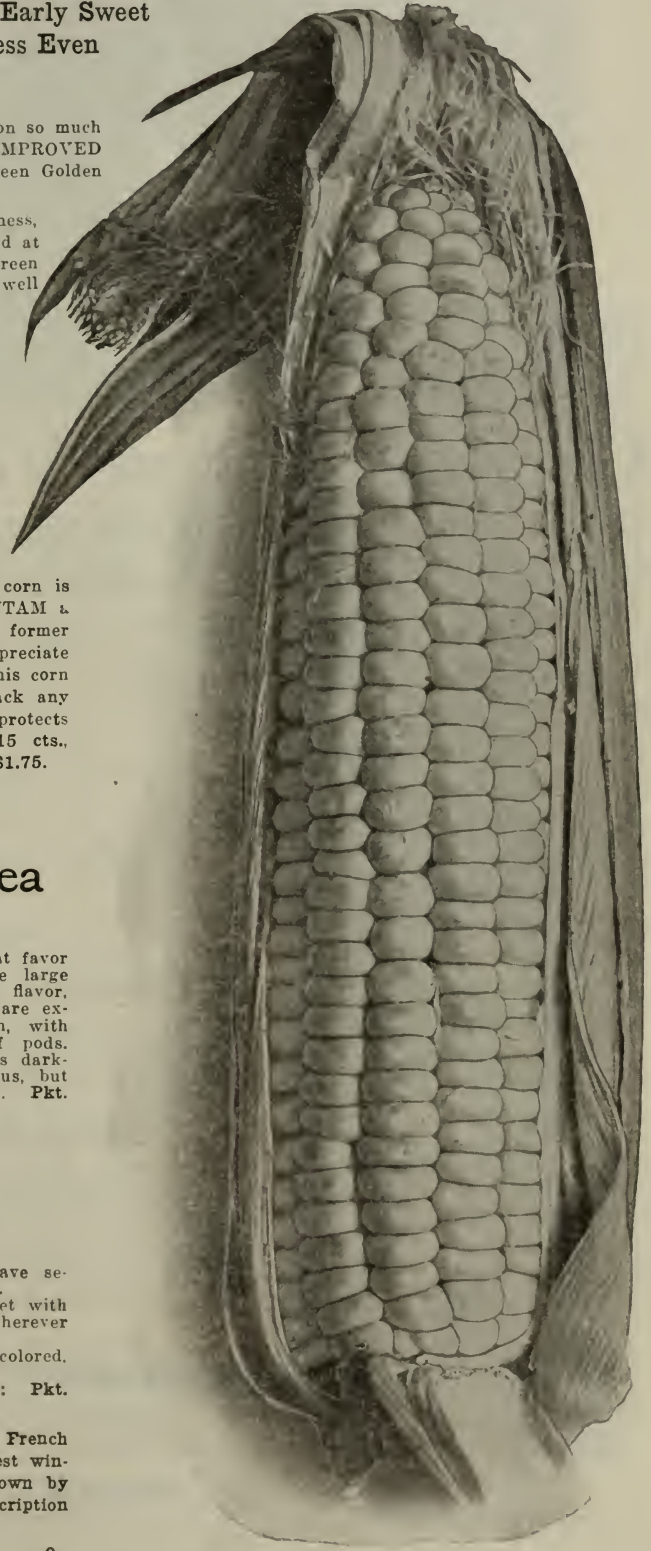
The Best, the Largest, the Sweetest of all Early Sweet
Corns, Retaining Its Delicate Tenderness Even
When a Little Old.

There is no Corn that has been introduced that has won so much popularity as Golden Bantam until the introduction of the IMPROVED GOLDEN BANTAM, which is the result of a cross between Golden Bantam and White Evergreen.

Realizing the importance of keeping the sweetness, earliness, size of grain and the hardiness of the Golden Bantam and at the same time producing an ear the size of White Evergreen that would be more profitable to the market gardener as well as to the home gardener. We have been very fortunate in procuring a small lot of this corn from a market grower who has made sweet corn a study for years.

IMPROVED GOLDEN BANTAM produces a large stalk, as well as an average of two large ears measuring from 9 to 10 ins. in length. The corn is of strong growth and the large ears are well filled and the grains are exceptionally sweet. The grains are as sweet as the original Golden Bantam, yet remaining soft and tender for a longer period than any early sweet corn.

Many market gardeners in the section in which this corn is grown report that they find IMPROVED GOLDEN BANTAM a more profitable variety throughout the season than its former parent. This corn is worthy of a trial. We would appreciate reports from all sections this season and any planter of this corn who is not thoroughly satisfied can have his money back any time within the year. This is the guarantee that protects customers who plant Holmes-Letherman Seeds. Pkt. 15 cts., 1/2 pt. 20 cts., pt. 35 cts., qt. 60 cts., 2 qts. \$1.00, 4 qts. \$1.75.



New Dwarf Pioneer Pea

With Dark Green Giant Pod

This new, large podded Early Wrinkled Pea is in great favor with market gardeners in all sections. The handsome large pods, which are well filled with big peas of delicious flavor, make it a good seller on the market stall. The vines are extremely vigorous, growing only 15 to 18 inches high, with dark-green foliage, and produce a wonderful crop of pods. Pioneer is one of the earliest wrinkled peas, bearing its dark-green pods about the same time as Prosperity or Gradus, but a much heavier cropper and of quality equally as good. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.50.

Honey-Dew Melon

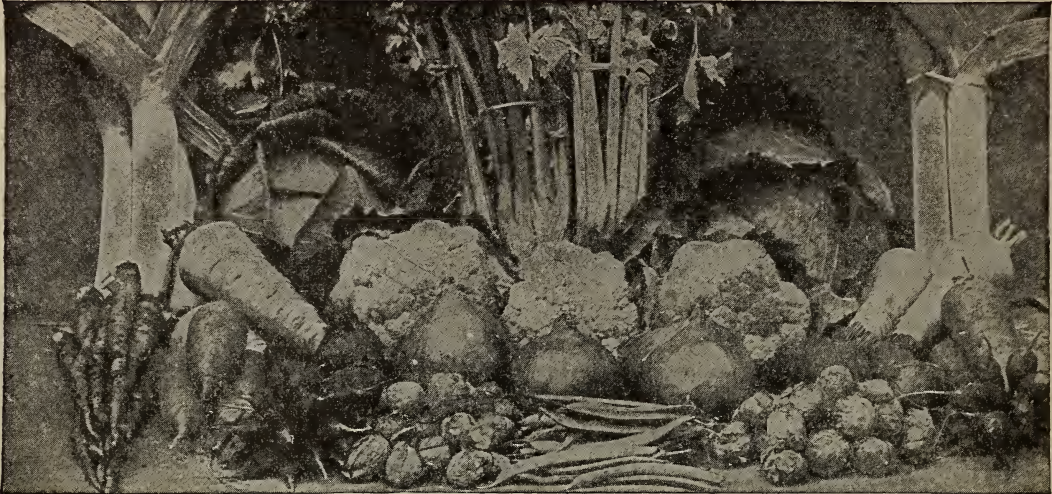
We are pleased to advise our customers that we have secured some choice fancy stock of this famous muskmelon.

The delicious, honey-like flavor of this New Melon met with instantaneous public favor and created a sensation wherever used.

The fruit is good size, weighing 8 to 10 pounds; light colored, smooth skin; thick flesh; color, light green.

As long as our supply lasts we can quote as follows: Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.50.

Chicory, Witloof. Known in the United States as French Endive; in Europe as Brussels Chicory. One of the finest winter salads. It is easy of cultivation and should be grown by every gardener, amateur and professional alike. Full description and prices on page 22.



General List of Vegetable Seeds

WE PAY POSTAGE ON ALL VEGETABLE SEEDS QUOTED BY THE PACKET, OUNCE, QUARTER-POUND, POUND AND PINT

ASPARAGUS One oz. of seed will produce 200 plants. 2 lbs. will produce enough roots to plant an acre.

Can be grown from seeds or roots, the latter preferred. Seed should be sown thinly in early spring in rows 1 ft. apart. Thin out the weakest plants so the remainder will be 4 in. apart. When one year old transplant in the permanent bed, from where it can be cut 2 years later.

PALMETTO

Earliest and finest sort in cultivation. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

COLUMBIAN MAMMOTH

White. Large, white stalks. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

BARR'S MAMMOTH

Large, prolific, finest sort. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 45 cts.

ASPARAGUS ROOTS

Supplied after April 1st. About 4,000 plants to an acre.

PALMETTO

Two years. Per 100, 75 cts.; 1000, \$5.50.

BARR'S MAMMOTH

Two years. Per 100, 75 cts.; 1000, \$5.50.

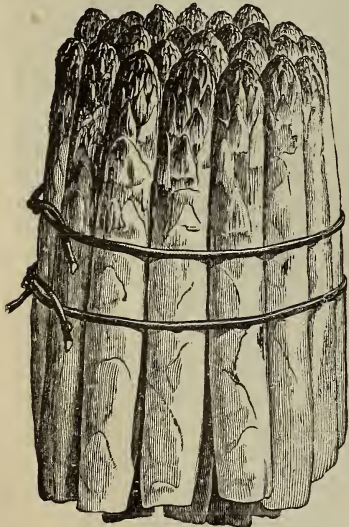
BRUSSELS SPROUTS

One oz. will produce 5,000 plants

Sow seeds under glass during April, transplant to a cold frame when large enough to handle. May be transferred to the garden in June and cultivated like cabbage.

DANISH MARKET

Plants strong growth about 3 ft. high. Stalks large, thick, close pointed, and sprouts set quite thickly on stalk. Sprouts develop very uniformly. We recommend this strain especially for market use. Good keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 75 cts., lb. \$2.50.



PALMETTO ASPARAGUS



ASPARAGUS KNIVES

American V Shape35 cts.

ASPARAGUS BUNCHER

\$1.75 each



BRUSSELS SPROUTS

BEANS

DWARF OR BUSH, GREEN-PODDED

One quart will plant 100 feet of drill

Beans are somewhat tender. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 ft. apart, the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 in. apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw up the soil toward the rows of plants. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

LARGE PACKETS OF BEANS, ALL VARIETIES, 10 CTS., POSTPAID

BOUNTIFUL

Flat, green-podded Bush Bean. Prolific and continuous bearer, the first in spring, the last in fall, absolutely stringless, very tender, delicious flavor. Very hardy, extremely early, bears continuously for a long time. The pods are of large size, extra long, very uniform in shape, solid and meaty. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.35, pk. \$2.50.

BURPEE'S STRINGLESS GREEN-POD

Vigorous, upright in habit, extremely early, handsome appearance, finest quality of pods. Stringless Green-pod is the quickest to produce, pods of a rich green, very round and straight, 5 to 6 in. long, solidly meaty. The pods are brittle, tender, always stringless even when fully matured. Pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3.00.

KEENEY'S STRINGLESS GREEN-POD REFUGEE

Of true bush habit, height 18 in., are very prolific. The pods, nearly round in form, average about 5¼ in. long; of a light green color; they are brittle, tender, fleshy, absolutely stringless at all stages of growth. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

GIANT STRINGLESS GREEN-POD

Healthy, vigorous habit. Producer of large, showy pods 5 to 6 in. long, nearly straight, round, meaty, stringless. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

BLACK VALENTINE

Excellent bean for market gardeners, especially in earliness, in abundance of pods and uniform ripening. Pods 5½ in. long, round, thick, meaty, tender, stringless. Pt. 20 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

LATE REFUGEE or 1,000-TO-1

Vines large, bearing abundance pods of tender and fine flavor. Pods 4½ in. long, green, round, slightly curved. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

LONGFELLOW

Vigorous in growth, bearing abundance of pods 5 to 6 in. long, round, slightly curved, stringless when young, of good quality. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

FULL MEASURE

Heavy, light green foliage. Very prolific. Pods 5½ to 6 in. long, stringless, round, slightly curved, good quality. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

DWARF HORTICULTURAL

Vigorous. Pods 4½ to 5 in. long, flat, streaked and blotched with carmine. Used as shell beans. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.



ROUND-POD KIDNEY WAX BEANS



KEENEY'S STRINGLESS GREEN-POD REFUGEE BEANS

Improved Red Valentine

Hardy, vigorous, upright in growth. Early, uniform in height. One of the finest beans grown for market gardeners as a large proportion of crop can be secured at one picking. We find this to be the earliest of any strain of Red Valentines we have ever tested. Pods 5 to 6 in. long, round, thick, meaty, tender, fine flavor. Pt. 20 cts., qt. 40 cts., 4 qts. \$1.00, pk. \$1.75.

RED KIDNEY

Of vigorous upright habit. Beans large size. Used both green and dry. Pods 5 to 6 in. long and flat. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.25.

WHITE KIDNEY

Of vigorous upright habit. Used as shell bean after being ripened. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.25.

LARGE WHITE MARROWFAT

Vigorous branching habit. Medium late beans of large size, good for shelling and using in the green state. Pods 4 to 4½ in. long, flat, nearly straight. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.25.

Geo. Hanley, Fort Wayne, Ind.—“Your Improved Red Valentine were very good last year. I am an old grower, but never saw such fine results from any crop before.”



IMPROVED RED VALENTINE

DWARF OR BUSH BEANS—WAX OR YELLOW PODS

IMPROVED RUST-PROOF GOLDEN WAX

This is a great improvement on the old strain Golden Wax, for as the latter is subject to blights, making it difficult to grow, the Improved Strain is hardy; so much less liable to blight or rust that it is one of the most desirable to grow of all Wax sorts. Pods 3½ to 4 in. long, straight, flat, meaty, light cream wax color, heavily filled, excellent quality. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.

DAVIS KIDNEY WAX

An excellent bean for market and private gardeners. Pods white waxy color 5 to 5½ in. long, flat wide and straight. Pt. 30 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.75.

PENCIL POD BLACK WAX

Season medium, vigorous, healthy foliage, pods golden waxy color, 6 to 6½ in. long, curved, meaty, round, brittle, tender, stringless, of excellent quality. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.

STRINGLESS WHITE WAX

The Beans, pure white. The pods remain tender and the plants bear for a long period. The pods are straight, of a lemon-yellow, brittle, meaty, entirely stringless at all stages of growth. Is what truckers have been seeking for years. Pt. 30 cts., qt. 50 cts., 4 qts. \$2.00, pk. \$3.50.

ROUND-POD KIDNEY WAX

Hardy, productive, prolific and seems to be of healthy constitution. Pods 6 in. long, curved, round, meaty, stringless, tender, brittle, of high class quality. Pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.00.

HUDSON WAX

A variety about ten days later than others, good quality and free from rust. Strong, vigorous growth with healthy foliage. Pod 6 in. long of golden waxy color, nearly straight, thick, flat and meaty. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.

REFUGEE WAX

The pod is a white wax color, curved, round, thick and nearly stringless when young. Healthy foliage and not so liable to blight as some other sorts. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.



IMPROVED RUST-PROOF GOLDEN WAX

SURE-CROP STRINGLESS WAX

Is very productive, bearing large, flat, stringless golden yellow pods in abundance. Very hardy. Sure-crop is more rust-proof and will stand a longer season of damp, wet weather than any other Wax Beans. The handsome appearance of the flat pods and good quality will soon make it one of the leading varieties of Wax Beans. Pt. 30 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

WARDWELL'S KIDNEY WAX

Large size, handsome appearance and good quality. One of the most popular wax beans in use. Upright in growth with pods 5 to 6 in. long, broad, flat and of beautiful light waxy color. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.75.

BRITTLE WAX

Pods round, tender, stringless, 6 in. long, curved. Pod and seed very similar to Round Pod Kidney Wax. Pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.00.

PROLIFIC BLACK WAX

Strong, healthy foliage. Pods 4½ to 5 in. long, thick, curved, round, very meaty and tender. Creamy white in color and of excellent quality. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.

J. G. Exline, Canton, O.—“The Sure-Crop Beans purchased from you are a wonder. Planted Sure-Crop June 27, 1916—picked August 19, 1916, fifty days. We sold them for 15c per lb. Can you beat that?”



WARDWELL'S KIDNEY WAX BEANS

Pole or Running Beans

One quart will plant 150 to 200 hills; 10 to 16 quarts to the acre

The following varieties are of strong, running growth, and need stout poles or other support on which to climb. When grown on poles, they are more easily gathered.

KENTUCKY WONDER WAX POLE BEAN

Yellow-podded Kentucky Wonder, bears a large quantity of rich golden yellow pods. Plant makes a quick, healthy growth; productive, bearing large pods; thick, meaty, stringless, very tender, fine flavor when cooked. Decidedly extra early. Pods grow uniform in size. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

GOLDEN CLUSTER WAX

Bears long, golden yellow pods in clusters and continues for a long time. Pt. 20 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.

BURGER'S GREEN-POD STRINGLESS or WHITE SEEDED KENTUCKY WONDER

Earlier than other sorts. The pods, long, borne in clusters, straight, of a rich dark green, stringless, tender, sweet, mild flavor. The dry beans are pure white. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.50.

KENTUCKY WONDER or OLD HOMESTEAD

The long pods are so fleshy that they are greater in thickness than breadth. Solidly meaty, stringless when young, finest quality. If pods are gathered as they mature, the vines will continue to bear to the end of the season. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

LAZY WIFE

Late variety, excellent for snap-shorts or shelled. Pods about 6 in. long, thick and meaty, fine flavor. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

WHITE SICKLE

Early port sort desirable for snaps, unsurpassed in its class as green shell beans. Vines are vigorous, very productive. Pods are round, long, stringless. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

HORTICULTURAL POLE or WREN'S EGG

An old and well known variety, hardy, very productive, good flavor of the beans when shelled. The pods streaked with carmine, flat, long. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

OLD-FASHIONED STRIPED SICKLE POLE BEAN

One of the best quality; well known to all farmers and gardeners. The seed is gray, with black stripes; the pods long, meaty and stringless. Very heavy yielder. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.25, pk. \$2.50.

SCARLET RUNNER—See Page 62.



KENTUCKY WONDER WAX



STRIPED SICKLE POLE BEAN

LIMA BEANS

One quart of Lima Beans will plant about 100 hills, allowing 4 to 5 Beans to a hill; 20 quarts will plant an acre in hills 4 by 4 ft.

All Lima Beans are very susceptible to rotting in cold, wet ground, and should not be planted until warm weather fairly sets in. Poles 8 to 10 ft. long should be firmly set in the hill before planting the seed. Poles should be set 4 ft. apart each way.

DWARF or BUSH LIMA BEANS

FORDHOOK BUSH LIMA

The only stiffly erect bush form of the popular "Potato" Lima. Both pods and beans are twice the size of Dreer's Bush Lima. Nothing like it has ever been seen before. Of strong, erect, true bush-like growth, the bushes average 20 to 30 in. in height by 20 to 24 in. across the top. The foliage is of heavy texture and very dark green in color. The stalks that produce the blossoms are thrown out from the lateral and main stalks; the pods are borne in clusters of from 4 to 8, measuring from 4 to 5½ in. long, about 1½ in. wide, by as much as ¾ of an in. thick. The pods contain 3 to 5 large beans with an average of 4. Pt. 20 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.75.

BURPEE'S BUSH LIMA

The pods and seeds are full lima size. The plant grows 18 to 20 in. high, and has an erect branching stem: Has a luscious flavor. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

BURPEE'S IMPROVED BUSH LIMA

This bean produces a magnificent crop of pods, which measure from 5 to 6 in. long by 1½ in. wide. Compared with Burpee's Bush Lima, both pods and beans are much larger, while the beans either green or dry, are nearly twice as thick. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green beans are larger than any bush lima ever known. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.75.

IMPROVED HENDERSON'S BUSH LIMA

Commonly called Butter Bean. Early and prolific. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.00, pk. \$2.00.

*Fred Megill & Son, Farmingdale, N. J.—
"We are very much pleased with your seeds."*

POLE LIMA BEANS

HOLMES' GREEN PROLIFIC POLE LIMA

The very earliest productive Pole Lima we have ever seen. Each Bean has that true, deep green color, which insures the green when the Beans are shelled for market. The large pods hang in clusters of from 5 to 8, which make them easy to gather. Have 5 to 6 beans in a pod. Pt. 20 cts., qt. 35 cts., 4 qts., \$1.00, pk. \$2.00.

EARLY LEVIATHAN

An early variety of large size. The pods differ from those of other early pole limas in being straighter and longer. The pods hang out from the foliage in large clusters; we

have frequently seen five to ten in a cluster, each containing from four to six large beans to the pod. An excellent home or market sort, giving satisfaction everywhere. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.35, pk. \$2.25.

GIANT-PODDED LIMA

Pt. 30 cts., qt. 50 cts., 4 qts. \$1.50, pk. \$2.75.

CARPINTERIA POLE LIMA

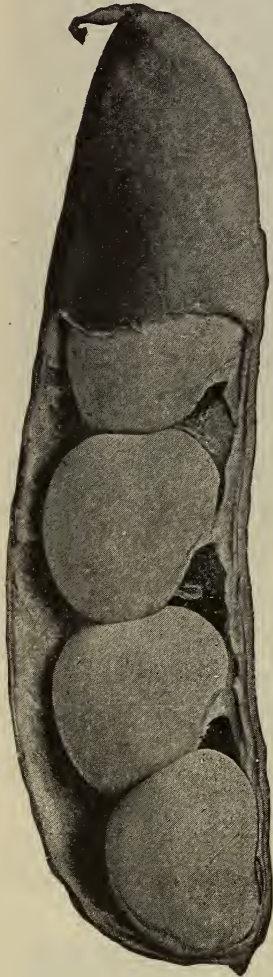
Vines produce large, medium green pods, 5 to 6 in. long, with beans of the largest size, much thicker than the average Pole Lima. Splendid for the home and market-garden. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.00, pk. \$2.00.

KING OF THE GARDEN LIMA

Pods medium, 5 to 6 in. long, broad, flat, filled with 4 or 5 immense white beans of finest quality. Pt. 20 cts., qt. 30 cts., 4 qts. \$1.00, pk. \$1.75.

CHALLENGER, DREER'S or "POTATO" LIMA

The pods are produced quite thick through, containing 3 to 5 thick beans. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.00.



FORDHOOK BUSH LIMA

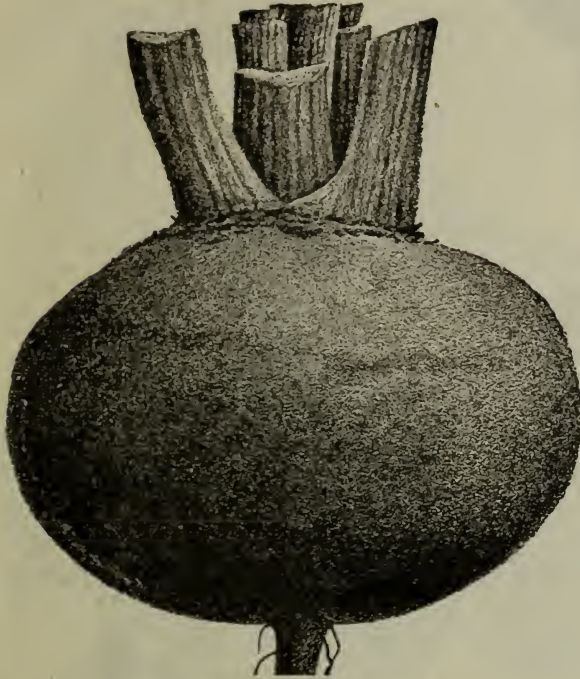


HOLMES' GREEN PROLIFIC POLE LIMA BEAN

BEETS

One ounce will sow 50 feet of drill; 5 to 6 lbs. for an acre.

Fibrous loam, well drained and well enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 in. apart, and sow the seed about 1 in. deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to the open ground to give an extra-early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 in. apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 lbs. to the acre, will sometimes work wonders.



CROSBY'S EGYPTIAN

EXTRA-EARLY EGYPTIAN

Best variety for forcing and excellent for first-early crop outdoors, being very early, with small tops. Roots very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about 2 in. in diameter when mature. Flesh dark purplish red, zoned lighter shade; firm, crisp, tender. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

ECLIPSE

Perfectly smooth; round; skin and flesh red; extremely early. Does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EDMAND'S EARLY

Root nearly round or slightly flattened; exterior color dark red, interior color purplish red with little zoning; crisp, tender, sweet and an excellent keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

IMPROVED EARLY BLOOD TURNIP

Selected stock. Root nearly round or slightly flattened; flesh deep red, zoned with lighter shade, sweet, crisp, tender. For summer and autumn use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

HALF-LONG BLOOD

The roots are smooth, flesh bright red, quality excellent. For winter use the seed should be sown early in July. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

LONG SMOOTH BLOOD-RED

Roots long, penetrating the soil deeply. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

CROSBY'S EGYPTIAN

One of the best for the first open ground crop. Tops small; roots are flattened globe shape, and very smooth. Exterior color of root bright red. The flesh is dark red, zoned with a lighter shade, very sweet, tender and of excellent quality. Ready for use earlier than any other variety. Our stock is exceptionally uniform in shape and color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.

CRIMSON GLOBE

A handsome variety of medium size, almost globe shape and entirely free from rootlets; a grand second early or main crop sort. The foliage is small and of a rich bronze purple, borne on slender stems which occupy but a small portion of the root. The flesh is a rich blood red, slightly zoned or ringed in a most beautiful manner, making it very attractive in appearance; always sweet and tender. In the home garden it is a most excellent sort. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

MODEL RED GLOBE

This splendid variety is of English origin and is perfect for table use. It is medium early, coming in between Extra Early Egyptian and Crimson Globe. The roots are of good size, slightly oval, with small, dark crimson leaves and a slim tap root. In quality and color it is peerless; very fine grained, tender and sweet, never woody or stringy. Color of both skin and flesh deep rich crimson. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.25.

DETROIT DARK RED

One of the best Beets for the market and home garden. Has a deep, rich color. Tops small, upright in growth; leaves dark green, shaded with red; root medium-sized, nearly round, very smooth, of dark blood-red, zoned with a lighter shade of the same color. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.



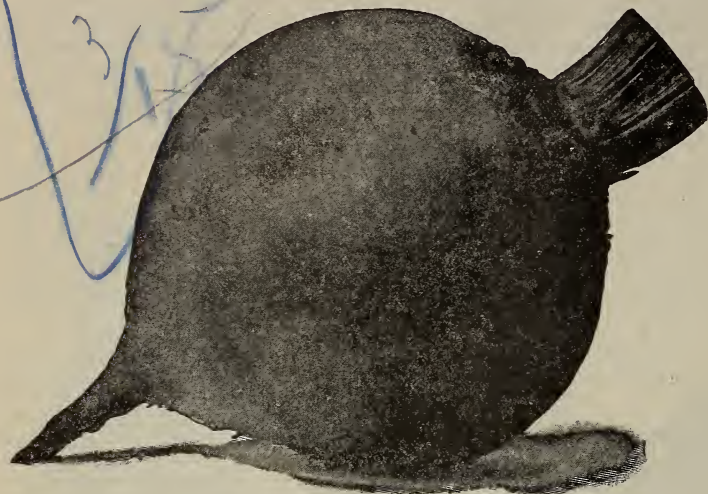
DETROIT DARK RED

Mrs. G. W. Kiss, Alliance, O.—“Am well pleased with the results of your seeds.”

HOLMES' "GREEN-TOP" BLOOD TURNIP BEET

In Quality It Stands Alone

Whoever saw an absolutely light-green-top beet with pure blood-red root? It is one of the most tender of beets, of delicious flavor and is absolutely unsurpassed for quality by any beet that we know of. This grand, new beet—Holmes' **White-top Blood Turnip**—is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender at all stages of growth regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in Holmes' **White-top Blood Beet**, and will keep tender all winter. Market gardeners who plant it will find it outsells all others. By buying this year, you can control your market and make big profits. The keeping quality of Holmes' **White-top Blood Beet** has no equal. We would advise our customers who want this fine beet to order early as our stock of seed is limited. Pkt. 10 cts., oz. 20 cts., ¼ lb. 75 cts., lb. \$2.50.



HOLMES' GREEN-TOP BEET

SWISS CHARD or SPINACH BEET

GIANT LUCULLUS

Leaves of Swiss Chard are used as greens, cooked in the same manner as spinach, the large ribs are prepared like asparagus, in which manner they are delicious. Giant Lucullus is the largest and best variety of Swiss Chard. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.

SUGAR BEETS AND MANGEL-WURZEL, for Stock Feeding

GIANT HALF-SUGAR

Superior to mangels for stock-feeding purposes, more nutritious, having a large amount of sugar. Oval in shape, grows partly out of ground. Large size, yields enormous crops. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

LANE'S IMPERIAL

Will yield almost as much in bulk as the best Mangels, contains a large percentage of sugar. Roots are smooth, broad at the shoulder and gradually taper to the base. Crisp, snow-white flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

VILMORIN'S IMPROVED

Size medium, yielding from 10 to 16 tons to the acre. Oz. 5 cts., ¼ lb. 20 cts., lb. 50 cts.

KLEIN WANZLEBEN SUGAR

Best beet for sugar making, and largely planted for that purpose. Eighteen tons of sugar have been made from 100 tons of these beets. Highly recommended as a winter food for milch cows. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts., 5 lbs. \$2.50.

DANISH SLUDSTRUP

The Danish Government encourages the growing of root crops by offering certificates of merit to growers who select and produce sorts which are of distinctive value. Sludstrup is considered the best of all Mangels, having been awarded first-class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

GOLDEN TANKARD

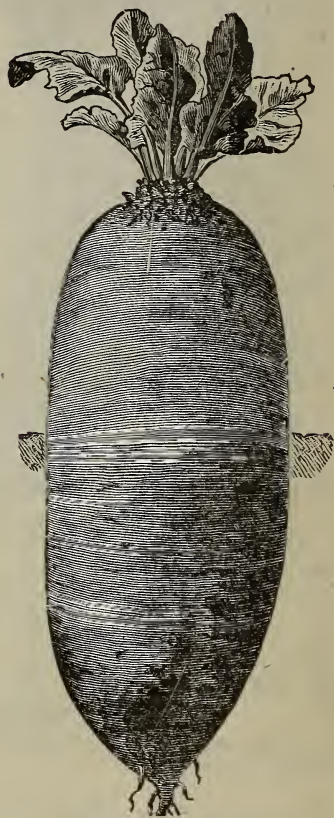
Smooth yellow-fleshed Mangel; roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. Grows largely above the soil, easily harvested. Yields an enormous bulk on good land; can be grown closely in rows. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

MAMMOTH PRIZE LONG RED

Heaviest cropping and largest of all Mangels. Dark, richly colored foliage; skin bright dark red; flesh white, with veined rings of rose-pink. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

GIANT YELLOW INTERMEDIATE

A yellow-skinned variety with white flesh, zoned with yellow. Large and ovoid shape. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.



**GOLDEN TANKARD
MANGEL WURZEL**

CABBAGE

One ounce will produce about 3,000 plants; a quarter-pound will produce enough for an acre

No grower can make a mistake in purchasing this important crop from us. Our strains are the very best to be had, selected from specimen heads in well-rogued fields. Sow seeds in Jan. or Feb. in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 ft. apart, and 12 to 18 in. apart in the row. For second-early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 ft. apart and 2 ft. in rows. Never plant Cabbage in the same location 2 years in succession.

COPENHAGEN MARKET CABBAGE

Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Jersey Wakefield.



COPENHAGEN MARKET CABBAGE (Seed Grown in Denmark)

A very great satisfaction, indeed, to be able to offer this valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Jersey Wakefield. The most popular early Cabbage in the markets of Copenhagen. Market-gardeners who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, 8-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads, almost on the ground. The light green leaves are medium in size, saucer-shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. A vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator, is guaranteed to be absolutely true to name. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.10, lb. \$4.

EXTRA EARLY JERSEY WAKEFIELD

Plants are dwarf, compact and produce heads very early. Erect and conical in form, very uniform and even in size as well as time of heading. Our seed of all "Two Wakefields" is the choicest Long Island grown; this special strain is most highly recommended. Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts., lb. \$2.25.

LARGE WAKEFIELD or CHARLESTON

Heads are of similar form, although not so pointed, of equal solidity as the original Jersey Wakefield; grow half again as large, reaching full size ten days later. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. \$2.

EARLY WINNIGSTADT

Heads are same size as Jersey Wakefield but more sharply pointed in form and not so early. Leaves rich dark green, slightly glossy, tightly folded; heads being the hardest of any early cabbage. By reason of its great solidity it is a popular variety to plant for winter use or cutting for Kraut. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.



JERSEY WAKEFIELD



HOLCO CABBAGE (Seed Grown in Denmark)

HENDERSON'S SUCCESSION

About 10 days later than Early Summer. A dwarf, flat head, light-green, very solid. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. \$2.00.

AUTUMN KING or WORLDBEATER

Beautiful winter variety of vigorous growth, extra large. Solid heads of bluish green. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

SUREHEAD

One of the best varieties. Large, round, slightly flattened head; hard and firm. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

HOLCO CABBAGE

Large, round-headed variety, foliage is small for such a large head, over-lapping and saucer-shaped. Very short stemmed, heads being produced close to the ground. Head when cut is extremely white. Foliage is more green than Danish Ballhead Cabbage. Very firm, a good keeper. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.25.

EARLY SPRING

Earliest flat-headed variety. Has a very small plant, with few and small outer leaves, and intensely solid head. Quality is excellent. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

ALL-HEAD EARLY

Largest-heading of the second-early sorts; remarkably solid and withstands hot, dry weather. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. \$2.00.

EARLY DWARF FLAT DUTCH

Good flat-headed variety, with short stem and hard, firm head. Forms heads early; is valuable for summer. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

FOTTLER'S BRUNSWICK

One of the most popular of the flat-headed types, especially with the home gardener. Best for fall and winter. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

EARLY SUMMER

Desirable, medium sized, early, flat-headed variety. Good keeper, does well in summer and autumn. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

PREMIUM LATE FLAT DUTCH

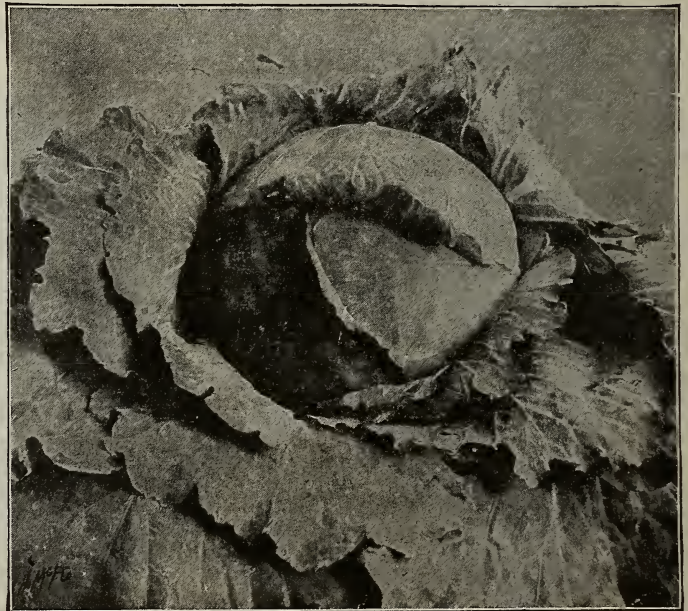
Well-known, large, late variety. Flattish round heads, very solid and firm; has rather tall, stout stem. Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. \$2.25.

Mrs. W. W. Sykes, Plymouth, O.—“I am more than pleased with the results obtained from your seeds. Your Cauliflower seed is the finest I have ever grown.”

GLORY OF ENKHOUSEN

EARLY ROUND, SOLID HEAD CABBAGE

Originated in Holland; in season it is as early as the Early Flat Dutch, with heads frequently twice as large, weighing three times as much. The large sized, ball-shaped heads are very firm and solid, leaves being fine ribbed and exceedingly tender. It is a dwarf and compact grower, allowing close planting; in fact some of its enthusiastic admirers claim it will yield more tons per acre than any other variety on account of close planting. This is not only a valuable early sort, but it grows so large that it can be profitably raised for main crop for fall use. On account of its quick growth, this cabbage is a most desirable sort for market gardeners to set out late in July, after early potatoes or other spring crops are harvested. This cabbage is extensively grown and is extremely popular with the market gardeners generally, and especially with those who use our select strain of Danish Ball Head and who have a trade for a round, solid head cabbage early in the season. Originator's stock. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.



GLORY OF ENKHOUSEN

DANISH ROUNDHEAD

Short-stemmed, having less outer foliage, this sort is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. Heads average larger and mature nearly two weeks earlier. Are unusually solid, and beautifully white when trimmed. Splendid keepers when stored away for the later winter and spring. Seed imported direct from Denmark. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 5 lb. lots at \$2.25 per lb.



DANISH ROUNDHEAD CABBAGE
(Seed Grown in Denmark)

DANISH BALLHEAD or HOLLANDER

Has few equals for winter use. Highly prized in Denmark, is grown there almost exclusively for winter Cabbage. Heads are round, 8 to 10 in. in diameter, and very solid, with few outer leaves. Seed we offer was grown by the originator in Denmark. Has the greatest weight in the smallest space. The quality is second to none. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 5 lbs. and over at \$2.25 per lb.



DANISH BALLHEAD or
HOLLANDER CABBAGE

PERFECTION DRUMHEAD SAVOY

Plants are of strong growth, having only a moderate number of outer leaves, growing closely about the large, solid round heads. Heads beautifully blanched and of the finest flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 65 cts., lb. \$2.25.

MAMMOTH ROCK RED

While late in maturing, this is the largest-heading of all deep red varieties. In good soil the heads will average 10 pounds. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$3.00.

CABBAGE PLANTS

Ready in season according to varieties.

LATEST CABBAGE OF THEM ALL

HOLMES-HOUSER

This excellent Cabbage is in very wide favor and thousands testify to its value. It is at least two weeks later than any strain of the Late Flat Dutch type. In solidity it is hard as the renowned Danish Ballhead. It is very compact in habit of growth, the leaves closely surrounding and overlapping the head. The shape and appearance are shown in the illustration. In size the Holmes-Houser Cabbage will average about 12 pounds at maturity, and the heads are uniformly handsome.



HOLMES-HOUSER CABBAGE
Largest, Hardest Heading Cabbage Grown

and when a head cracks or bursts it is always at the stem end, which does not destroy its use for market. In quality the Holmes-Houser Cabbage equals the best, being very free from the coarse ribs found in most late sorts. In fact, we would say that the Holmes-Houser Cabbage is very well bred, and in the careful trials and comparative tests, it has shown up excellently with all other late sorts. It is a strong, vigorous grower, with ability to withstand drought better than most varieties. Its true merit is shown by the demand for it. It behaves well in the field and sells well in the market, and adapts itself to various conditions of soil and climate. Its keeping qualities, in winter storage, are perfect. It is because the Holmes-Houser is so extremely late and is such an excellent keeper that it has attained such wide popularity. Owing to the scarcity of seed we cannot offer this variety in larger quantity this year. Price of Holmes-Houser Cabbage, originator's stock, Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.25.

CARROTS

One ounce will sow 100 feet of drill
three to four pounds to the acre

For an early crop sow as soon as danger from frost is over, in rows 1 ft. apart; when 2 in. high thin out to stand 2 in. apart in the row. For late crop sow in May or June. Sow long sorts early, the half-long and round sorts can be sown later.

CHANTENAY CARROT

The popular sort for bunching. This splendid Carrot belongs to the half-long, stump- or blunt-rooted type, but differs from all others of this class by its greater girth, bulk and consequent yield. It averages 6 to 7 in. in length, is broad at the neck, narrowing gradually to the round, blunt base, therefore is easily harvested. The most prolific of all Carrots. The flesh, entirely free from core, is of rich orange-red and of the finest table quality, fine-grained, tender, juicy and delicately flavored. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.



CHANTENAY
CARROT



DANVERS HALF-LONG
CARROT

DANVERS HALF-LONG

A perfect heavy-shouldered. Best variety for general crop; rich orange-color, very heavy yielder, splendid keeper; first-class Carrot for both table and stock; 6 to 7 in. long, stump-rooted. We have an extra-fine strain. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

EARLY SCARLET HORN

Favorite early red variety; fine-grained, good flavor; stump-rooted, about 6 in. long; ideal for soups. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

GUERANDE or OXHEART

Desirable variety on soils too hard and stiff for the longer-growing sorts, not over 3 or 4 in. long, very fine flavor, is well colored a rich orange. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 85 cts.

IMPROVED LONG ORANGE

Roots of the strain we offer are very deep orange, long and comparatively thick, often 12 in. in length and 3 in. in dia. at the crown, tapering regularly to a point; tops large. Suitable for table use as well as stock-feeding, combining great productiveness with uniform shape. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.

CAULIFLOWER

One ounce of seed will produce about 3,000 plants

A splendid money crop where soil is rich, climate cool and damp. A gross feeder, and well repays heavy manuring and high culture. It succeeds best on well-drained soil. Start plants in frame or seed-bed, and transplant. Seed for early Cauliflower may be started in autumn in a coolframe, or in early spring in a hotbed. For main crop, summer and autumn, the seed should be sown in May or June. Sow shallow. Set the plants 2 to 3 ft. apart each way.



"HOLCO" EARLIEST

"HOLCO" EARLIEST

The earliest and best, quick-growing Cauliflower for family or market-garden, for forcing or cold-frames. It heads where others fail. "Holco" Earliest is superior to all others. The earliest of all Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during winter and spring, "Holco" Earliest is peculiarly well adapted, from its dwarf growth and short outer leaves. Carefully grown for our trade in Denmark, where the finest Cauliflower is produced. Pkt. 20 cts., oz. \$2.50, 1/4 lb. \$8.50.

DANISH GIANT or DRY WEATHER

Variety is about ten days later than our Snowball. Dwarf growth, producing very large, stone-hard and snow-white heads, fully protected by the foliage, especially fitted for dry and hot weather and for sections subjected to long dry seasons, a sure header when all other sorts fail. Cannot be forced, but is, in culture on open ground, the Cauliflower that gives the highest yield. Pkt. 20 cts., oz. \$2.50, 1/4 lb. \$8.50.

EARLY SNOWBALL

Very popular variety with few narrow, gray-green, upright leaves, heads very white. Similar to the Holco Earliest, but not quite so early. Pkt. 15 cts., oz. \$2.25, 1/4 lb. \$8.00.

EARLY DWARF ERFURT

One of the very best varieties for field cultivation, especially for late crops. Under ordinary conditions produces large, deep and very solid white "flowers." Pkt. 10 cts., oz. \$2.00, 1/4 lb. \$7.50.

CAULIFLOWER PLANTS

Ready in season; transplanted stock. Write for prices.

CELERY

Count on about 7,500 plants to the ounce of seed, or a quarter pound for an acre.

Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly; keep constantly moist. When the seedling plants are 3 in. high they should be clipped at the top to favor socky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 ft. apart, 6 in. apart in row. For home use, Celery is often grown in double rows, 10 in. apart, without trenching, and banked for winter storage just where it grows, without lifting.



**FINEST
NUTTED
FLAVORED
CELERY**

GREEN CELERY—HOLMES' EMPEROR

HOLMES' EMPEROR

Largest, most Solid and Finest Nuted Flavored Celery grown. Excels by far the Pascal, Columbia or any other Winter Variety. The tops are green, while the outer stalks blanch white and the inner stalks are tinged with yellow.

A true dwarf type and therefore much easier to blanch than the taller growing sorts. The plants average from 15 to 18 in. in height, while the branched part is 6 to 9 in. long.

Stalks are smooth, very thick, being moon-shaped, as near round as possible, found only in HOLMES' EMPEROR. Some measuring $\frac{1}{8}$ in. through when cut. Color is white, heart being tinged with yellow, flavor is unsurpassed, being decidedly nutty and crisp.

Although low-growing, each stalk averages fully 2 lbs. in weight.

Mr. Harry L. Holmes, father of our General Manager, was the introducer of the world's most distinct variety, finest flavored and best keeping celery known. Mr. Holmes has given his undivided attention to the care and selection of this famous Celery. Since the introduction of the Holmes' Emperor Celery in 1912, it has been called Fordhook Emperor. Holmes' Emperor has been tested by some of the largest growers of celery in America, as well as Europe, who pronounced it as the finest flavored and best keeping variety of outstanding merit.

We will be pleased to hear from our customers regarding this variety and any planter who is not thoroughly satisfied can have his money back. This is the guarantee that goes with seeds purchased of Holmes-Letherman Seed Co. Pkt. 15 cts., $\frac{1}{2}$ oz. \$1.25, oz. \$2.25, $\frac{1}{4}$ lb. \$7.00, lb. \$25.00.

GOLDEN SELF-BLANCHING or PARIS GOLDEN

Finest French-grown Seed. This variety of French origin, is becoming more popular every year, and is now one of the most extensively grown sorts, both for private use and for market. Not as early as White Plume, though it possesses the same self-blanching characteristics and is of heavier and more compact growth, the stalks being thick, crisp and brittle, while the hearts are large and solid, all blanching a beautiful waxen yellow; the quality is superb, tender and free from stringiness; flavor rich and delightful. Our seed is grown by the originator in France. Pkt. 15 cts., oz. \$1.25, $\frac{1}{4}$ lb. \$4.50, lb. \$16.00.

Frank Buurma, Chicago Jct., O.—"Your Emperor Celery is certainly fine. Please send me 2 oz. more."

H. J. Joldersma, Chicago Jct., O.—"Your Emperor Celery is good. Send me $\frac{1}{4}$ lb. more."

D. A. Yenney, Aultman, O.—"Your strain of Golden Self-Blanching Celery has proven superior to all others."

I. D. Warstler, New Berlin, O.—"Your Celery Seed was unusually fine."

Geo. Best, Hartville, O.—"I was much pleased with seed purchased of you. My Celery can't be beat."

Frank Buurma, Chicago Junction, O.—"Your strain of Golden Self-Blanching Celery has proven to be the best of quality."

Kehl Bros., Canton, O.—"We consider Holmes' Emperor Celery the most brittle and finest flavored celery grown. Our customers are wild for it."

COLUMBIA

A valuable Celery to follow Golden Self-Blanching. Stored at the same time, it will be ready just as soon as the Golden Self-Blanching is gone. The stalks are broad and thick, almost round, solid and of the highest quality, and very attractive in appearance. The foliage is of a distinct light shade of green with a tinge of yellow. The plant is of medium height, blanches easily and is a good winter keeper. An excellent home or market sort. Pkt. 10 cts., oz. 50 cts., 1/4 lb. \$1.50, lb. \$5.00.

Robert Jackson, Mich.—“I am sending you a sample of celery grown from your Paris Golden Yellow Self-Blanching. There is no better celery grown in this muck. Send me 2 1/2 lbs. of the same seed.”



MR. HOMER DULABAHM AND H. L. HOLMES, JR., INSPECTING A FIELD OF COLUMBIA CELERY AT THE DULABAHM GARDENS, CANTON, O.

GIANT PASCAL

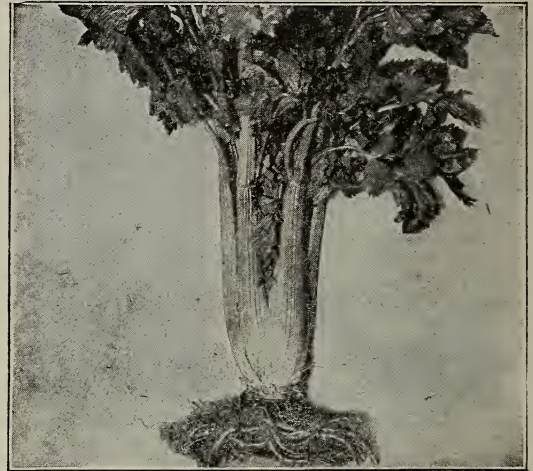
Stalks are dwarf, stocky growth, broad, thick, solid, stringless, almost as brittle as glass; fewer in number than in ordinary kinds of Celery, but making full weight by reason of width and thickness. An elegant winter keeper for home or market. Pkt. 5 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3.00.

WHITE PLUME

Earliest and most easily blanched, but does not keep well if taken from the trenches. The plants grow rapidly and blanch easily during the summer months. Later in the fall the central stalks and leaves are of pure snowy whiteness, even without earthing up, but stalks should be gathered together and earthed up as in other varieties, so as to produce close, attractive bunches. Pkt. 5 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3.00.

DWARF GOLDEN HEART

Reliable half-dwarf sort. A famous Celery, producing handsome stalks of a rich green color, bleaching to beautiful golden yellow; crisp and tender. A strong grower and a good winter keeper. Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.



GIANT PASCAL CELERY

CELERIAC

Turnip rooted Celery; an excellent thing in its way. It is used for flavoring, and is in wide demand. Culture is the same as celery. As the roots are the edible portion, it requires no hilling. Is early and smooth. Pkt. 5 cts., oz. 25 cts., 1/4 lb. 60 cts., lb. \$2.00.

DWARF WHITE SOLID or KALAMAZOO

Close, compact, erect-growing variety, stalks broad, solid, crisp, fine quality, blanching very readily. Plants do not sucker and may be grown close together. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 65 cts., lb. \$2.25.

CELERY PLANTS

Ready in July. Write for prices.

CELERY TAPE

Guaranteed fast colors, red and blue, in 1,000-yd. spools. Write for lowest prices.

CELERY PAPER

For covering Celery banks and trenches, to exclude water, 500 sq. ft. in a roll. Write for lowest prices.

RAFFIA (Tying Grass)

Natural color. Lb. 15 cts.

**CHERVIL
CURLED**

Leaves used for flavoring soups and stews and for garnishing. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1.25.

**CHICORY
WITLOOF**

Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 in.; treat as endive, except that late in summer or fall it should be gradually banked up like celery. Stalks, when blanched, make a delicious salad. Also used by the French as a boiled vegetable. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 40 cts., lb. \$1.50.

LARGE-ROOTED or COFFEE

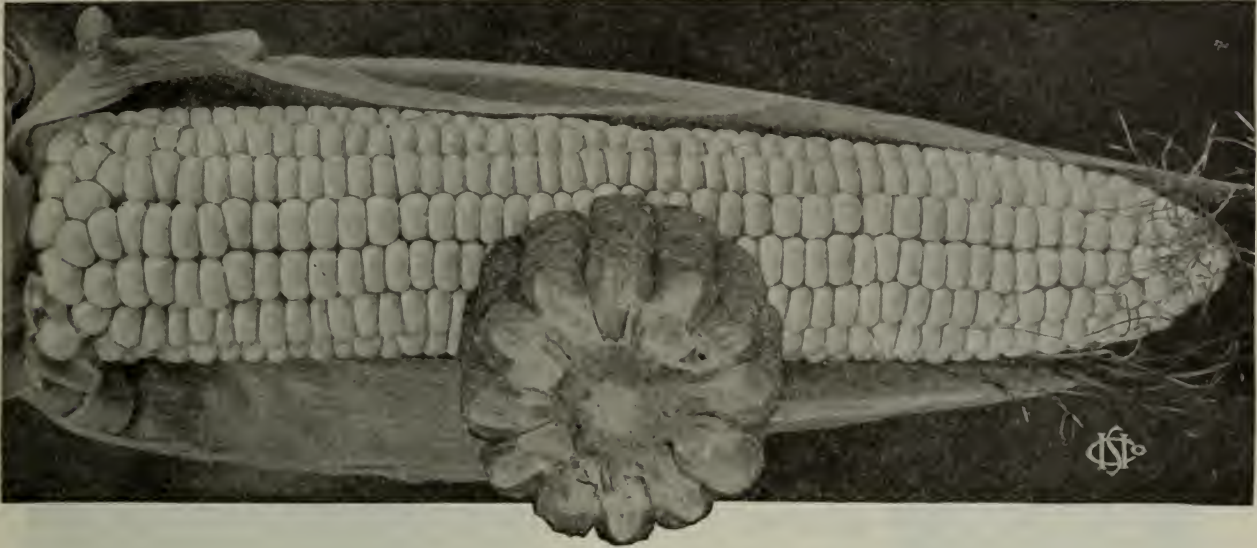
Roots are the Chicory of commerce. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 90 cts. See also Endive, the Chicory of the French, page 28.

SWEET CORN

Use one quart for 600 hills;
six to eight quarts to the acre.

Sweet Corn always does well on sod land, or where clover has been turned down. Plant when danger of frost is over, in hills 2x3 ft., or 3x4 ft., according to variety. Give frequent and continued shallow culture. Leave 2 or 3 stalks to the hill, and make successional plantings until nearly mid-summer. Cover seed with an inch of soil.

LARGE PACKETS OF CORN, ALL VARIETIES, 10 CTS. POSTPAID.



HOLMES' PREMO

The Earliest Large Ears Sweet Corn

Ready for the table in 60 days. Must be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, the seed will not rot when planted before the soil becomes warm. The stalks grow about 5 ft. high, and bear two uniformly-sized, finely-appearing ears, 7 to 9 in. long, to each stalk. **HOLMES' PREMO** is of the best quality. The ears are well filled to the very tip. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 90 cts., pk. \$1.75.

PEEP O'DAY

Very early. Sweet and delicate in flavor. Single plant bears from 3 to 4 ears. The ears are small, 6 in. in length, kernels white. Stalks grow 3½ to 4½ ft. in height, having light foliage, therefore may stand close together. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

EARLY MINNESOTA

Early sort. Stalks 6 ft. high, bearing 1 or 2 ears. Ears 8 in. long, 8-rowed; kernels broad, sweet, tender. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 75 cts., pk. \$1.25.

MAMMOTH WHITE CORY

An early corn. Grains large and white and of remarkably good quality. The size give it ready sale when the market is overstocked. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

ADAMS' EXTRA EARLY

Earliest, hardy, not sweet. Grains white and the ear presents a fair and attractive appearance. Pt. 10 cts., qt. 20 cts., 4 qts. 50 cts., pk. 90 cts.

CROSBY EARLY

A 12-row second-early corn; one of the best for the truck grower and home gardener. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

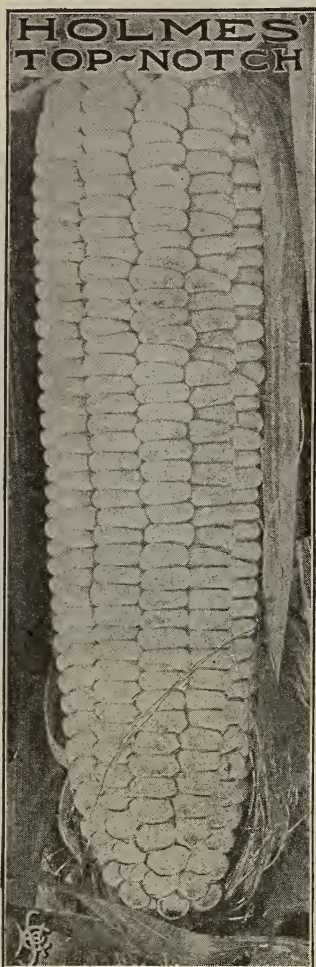
GOLDEN BANTAM

Earliest, hardiest and sweetest deep, yellow-grained variety. Golden Bantam is actually the finest flavored of all Sweet Corns. Can be planted thickly; stalks have 2 or 3 ears. On account of the firm substance of the cured grains, can be planted earlier than any other Sweet Corn, which, in itself, is a valuable quality. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.00.

Mrs. E. J. Peeteys, Elkhart, Ind.—"I was well pleased with the result of seeds planted which I obtained from you. We like the Golden Bantam Sweet Corn very much, first because it is early, second, it has a sweeter and richer flavor than any corn we have ever raised. The Lima Beans were fine."

Mr. Chas. Chader, Manager, H. H. Timken Farms, Canton, O.—"The Seed Corn I purchased from you was strong in vitality. The corn matured in fine shape."

HOLMES' TOP NOTCH



A second-early variety. Ears carry an average of 14 rows of fine, large, deep, white, very sweet grains, which are tender. The stalk is strong, sturdy, of medium height; the leaves broad, green in color, which gives it endurance during a dry time. Adapted for early trucking. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., 4 qts. 90 cts., pk. \$1.75.

NECTAR

An early sort, resembles the Evergreen in size of ear. The stocks grow about 6 ft. high, and are quite productive. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

EARLY EVERGREEN

Earlier than Stowell's Evergreen. Ears about 7 in. long, with 16 irregular rows, with very deep grains. Plants about 7 ft. high. Main-crop variety for home garden and market. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

GOLDEN CREAM

Golden Yellow Country Gentleman Sweet Corn, very popular on account of its delicious flavor. Stalks grow about 5 ft. high, bear two ears. Kernels are long and pointed, are borne on a very slender cob in irregular rows. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.00, pk. \$1.75.

KENDEL'S EARLY GIANT

A second-early variety, with large ears; valuable for market. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

BLACK MEXICAN

Corn cooks remarkably white, but the ripe grain is bluish black. Is tender and fine quality. Stalks about 6½ ft. high; ears about 8 inches long; usually 8-rowed. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 75 cts., pk. \$1.25.

COUNTRY GENTLEMAN or SHOE-PEG

A mid-season Sweet Corn. Ears are large size, frequently three on a stalk. Grains are irregularly set on the ear. Cob is remarkably small, giving great depth to the grains. Ears average 8 to 9 in. in length. For sweetness none surpass this variety. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2.00.

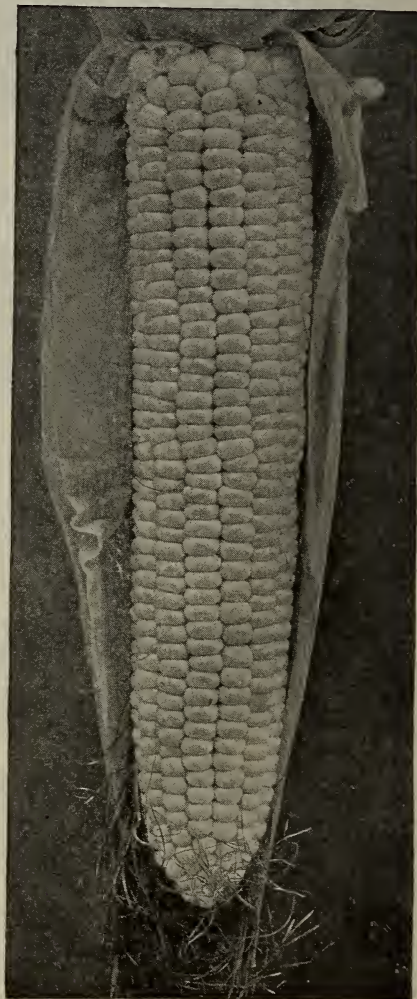
WHITE EVERGREEN

Ears as large as those of Stowell's, is about 5 days earlier. Its most valued feature is the whiteness of the grain. Stalks 7 ft. in height, ears contain 16 or more rows of deep grains. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

MAMMOTH LATE

A large-eared variety. Produces mammoth ears which are thick through, with large, broad grains of excellent quality. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts., 85 cts., pk. \$1.50.

H. A. Beaver, N. Y.—"Your Big Boston Lettuce was a hummer. Ship me 70 lbs. March 1, 1917."



EARLY EVERGREEN SWEET CORN

HOWLING MOB
LARGE EARED EARLY SWEET CORN

Ready to use within 3 to 5 days after Early Cory. Both are planted at the same time. Ears measure 7 to 9 in., 12 to 14 rows. Stalks are strong and vigorous, growth 4 to 5 ft. in height, having abundance of foliage generally producing 2 fine ears to a stalk. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.



HOWLING MOB

STOWELL'S EVERGREEN

Standard main-crop variety. Hardy, productive, very tender, sugary, remaining a long time in condition. Our stock has been carefully grown and selected. Ears about 8 in. long, 14 to 20-rowed; stalks about 7½ ft. high. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

POP-CORN

WHITE RICE

* Six ears on a stalk is not a rare occurrence. The grains are sharply pointed. Lb. 10 cts., 10 lbs. 60 cts.

QUEEN'S GOLDEN

Pops perfectly white. Produces 4 to 6 ears on a stalk. Lb. 10 cts., 10 lbs. 60 cts.

COLLARDS

GEORGIA SOUTHERN or CREOLE

Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 80 cts.

CHIVES

Chives are perfectly hardy perennial plants of the onion type. Are grown for their small leaves, which are produced freely very early in the spring, for giving a mild onion flavor to various dishes. Per bunch 15 cts., 2 bunches for 25 cts.

CORN SALAD or FETTICUS

LARGE SEEDED

Well known. Matures in 4 to 6 weeks. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

CRESS

Sow Curled Cress thickly in shallow drills, every 2 or 3 weeks. Should be cut often and it will continue to grow. Useful not only for salad, but for the breakfast table and for garnishing. Water Cress should be sown in damp soil; or, if a stream of water can be utilized, they will be much finer. Will also thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad, it is a good plan to sow with Water Cress seed a strip 4 in. wide on the outer margin of a hotbed, inside the frame, where it is always cool.

CURLED or PEPPER GRASS

Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

WATER CRESS

Very mild. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.00.

DANDELION

One ounce of seed to 300 feet of drill.

A hardy perennial. Sow in early spring, in drills half an inch deep, and thin to 10 to 12 in. in the row. Will be ready to cut the following spring.

IMPROVED THICK LEAVED

Very early; large leaves which make wholesome greens. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.50, lb. \$5.00.

FRENCH COMMON

A pure-bred Dandelion cultivated from selected strains. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

CUCUMBER One ounce will plant fifty hills;
two pounds will plant one acre.

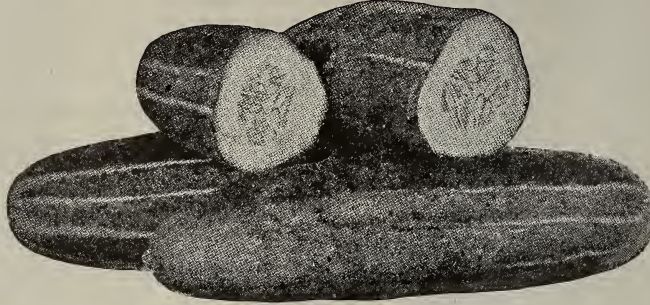
For early use, plant, if the weather has become settled and warm, in hills 4 to 6 ft. apart each way; thin out to 4 of the strongest plants to each hill, after all danger from insects is over. Cucumbers succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped Cucumber or squash beetle is the most serious insect enemy of the crop. Bordeaux-arsenate of lead mixture is by far the best remedy yet discovered. Dilute it with water, three ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

Extra

Early

Dark

Green



Prolific

Finest

for

Slicing

Arlington Perfected White Spine Cucumber

One of the most popular Cucumbers with market gardeners. Our strain has been specially selected and will please the most critical trade. The Cucumbers are borne in large numbers, very regular in shape, handsome and attractive, of deep green color, and averaging 7 in. in length. Suitable for forcing or outdoor culture. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

KLONDYKE

A hybrid sort of the White Spine type, which holds its dark green color longer than most other sorts. Averages 6 to 7 in. in size; ends are quite square and it is about 2 in. thick. Its extreme earliness, combined with its prolific and hardy qualities, make it a very desirable variety for either market or private use. An excellent sort for slicing. When small, this variety is also an excellent pickling sort. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.

HOLCO PICKLING

Is smooth, dark green. Excellent, productive, moderately early and well adapted for the open ground. A fine slicer and pickler, being largely used for dill and mustard pickles. A shy seeder and remains green through all the growing stages. This excellent variety is good for the kitchen and for the market gardener. Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts.

IMPROVED LONG GREEN

Fine Cucumber, grows from 12 to 16 in. or more in length, and is of superior quality. The young fruits are very largely used for pickling, a standard sort for that purpose. Full-sized Cucumbers are in high favor for making the so-called sweet pickles. Vines are strong growers, and the fruit is always produced in great abundance, making it one of the most productive varieties in cultivation. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 35 cts., lb. \$1.

FORCING OR FRAME CUCUMBERS

DANISH FORCING

Is one of the handsomest Cucumbers grown. Perfect in outline, with scarcely any neck, and of fine flavor, popular both for exhibition and table purposes. Pkt. 35 cts., 3 pkts. \$1.

DAVIS PERFECT

The originator states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. The Cucumbers grow long and slim, sometimes measure 12 in. long; color is a rich, dark, glossy green, which they hold until nearly ripe. Very tender, brittle, of fine flavor. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.

EVERBEARING

Very early prolific. Fruits 4 to 6 in. long, quite thick and blunt at the ends; rich dark-green color. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.



DAVIS PERFECT CUCUMBERS

H. S. Mitchell, Canton, O.—“The seeds which I purchased from you were fine, and I can make no complaints.”



EARLY CLUSTER CUCUMBER

This medium-sized, bright-green variety, is one of the most prolific of our cucumbers. Combined with extra earliness and productiveness, it is a strong, rugged grower and a continuous producer. Owing to its early maturity and thrifty growth, it will withstand unseasonable weather and produce good crops under adverse conditions. Not quite so large in size as some of the standard pickling varieties, yet it makes one of the very best varieties for home use or for growth as a standard pickle sort. Can be used for slicing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

EXTRA LONG or EVERGREEN WHITE SPINE

Popular variety, having long, rich dark-green fruit with very tender, white and crisp flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

SHORT GREEN or EARLY FRAME

Very desirable variety for either pickling or table use. Fruit straight, small at each end; bright green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

SELECTED JERSEY PICKLE

Prolific, producing pickles of medium size, skin thin and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

EXTRA EARLY GREEN PROLIFIC or BOSTON PICKLING

Very prolific variety, used principally for pickles. Fruit medium sized, bright green; very even and symmetrical. Gather when small and it will bear all summer. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

JAPANESE CLIMBING

Good variety for training to a trellis. Forms long fruit of rich dark green color. The flesh is white, crisp, good flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.



BOSTON PICKLING

SNOW'S PICKLING

An early maturing, very small, dark green cucumber, cylindrical, square ended, and very popular with growers for small pickles. We have been giving special attention to purity and uniformity of type and we believe the seed we offer meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 5 cts., oz. 15 cts., 2 oz. 25 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

CHICAGO PICKLING

The most popular pickle variety in use about Chicago. Medium sized, dark green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

COOL AND CRISP

Fine garden Cucumber, deep green, crisp. White Spine type, pure white when ripe. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

GHERKIN or WEST INDIA GHERKIN

Extremely small fruited variety, grown exclusively for pickles. Has no value for slicing. Very prickly, but tender and crisp if picked when young. Seed germinates slowly. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

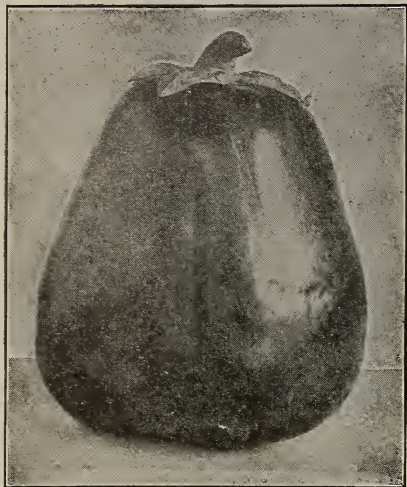
J. F. Hammar, Nashua, N. H.—"The Improved Thick-Leaved Dandelion came up 90%. That is some for Dandelion."

LEMON CUCUMBER

Similar in color and shape to a lemon. Delicious flavor, never bitter. Excellent for slicing, used in salads, when quite small is often eaten like radishes. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. \$1.

EGGPLANT One ounce of seed for 2,000 plants

Sow seed in March in hotbeds, and when 3 in. high transplant into small pots or otherwise. Plant outdoors in May or June, or after the weather has become permanently warm. The rows should be 3 ft. apart and the plants set 2 ft. apart in the row.



BLACK BEAUTY EGGPLANT

BLACK BEAUTY EGGPLANT

While the Eggplant is naturally tender, the plants of this variety are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. The skin is of rich purplish black, making the fruit very attractive in appearance. Entirely spineless. The quality is all that could be desired, and the fruits are solid, tender and of excellent flavor. Make a good show on the market-stall, always bring good prices. Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.25, lb. \$4.25.

NEW YORK IMPROVED PURPLE

The leading sort for home and market. Plant is a vigorous grower. Fruit large, fine and free from thorns, and produced until frost. Skin rich purple. Flesh white and of good flavor. We can highly recommend this carefully selected strain of Eggplant to market gardeners and amateurs. Pkt. 5 cts., oz. 30 cts., 1/4 lb. \$1.15, lb. \$3.75.

ENDIVE One ounce of seed to 300 feet of row

Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 in. high, transplant into good ground or thin out to 1 ft. apart. Sometimes called Chicory.

	Oz.	1/4 lb.	Lb.
Green Curled. The most popular variety	\$0.10	\$0.30	\$0.90
White Curled. The most attractive in appearance	.10	.30	.90
Giant Fringed. Has a large white heart	.10	.30	.90
Broad-Leaved Batavian (Escarolle). Broad, thick leaves	.10	.30	.90

Each of the above, 5 cts. per packet.



WHITE CURLED ENDIVE

HORSE-RADISH ROOTS

(Ready in March)

Horse-Radish is used in almost every household during the fall and winter months when the fresh product is ready. Set the roots in spring in rows 6 in. apart, about the same distance in the row. No cultivating of any account is required. Late in the fall lift as many roots as you think you will use during the winter, cut off the tops, place them in a cool cellar covered with soil or sand, and grate as wanted. A bed once planted remains for years.

MALINER-KREN (Bohemian)

Quick-growing variety, the best Horse-Radish grown. Large, strong cuttings. 25 cts. per doz., 75 cts. per 100, \$6 per 1,000.

REGULAR VARIETY

15 cts. per doz., 50 cts. per 100, \$4 per 1,000.

KALE or BORECOLE

One ounce will sow a drill 150 feet long; three lbs. will sow an acre

DWARF GREEN CURLED SCOTCH

Should be sown during June and transplanted later for use during fall, winter or early spring. Plants are hardy above zero. Flavor is best after being exposed to frost. For this reason, the crop from summer sown seed is preferable, although it is often used in summer. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts.

GERMAN CURLED or PURPLE

Purplish curly leaves; very hardy. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 35 cts., lb. \$1.00.

SIBERIAN

Rather coarsely curled leaves, but very tender and of delicate flavor. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.

KOHL-RABI

1 oz. of seed will sow 300 ft. of drill.

EARLY WHITE VIENNA

A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground; flavor of both Turnip and Cabbage. Should be in every garden. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$1.75.

EARLY PURPLE VIENNA

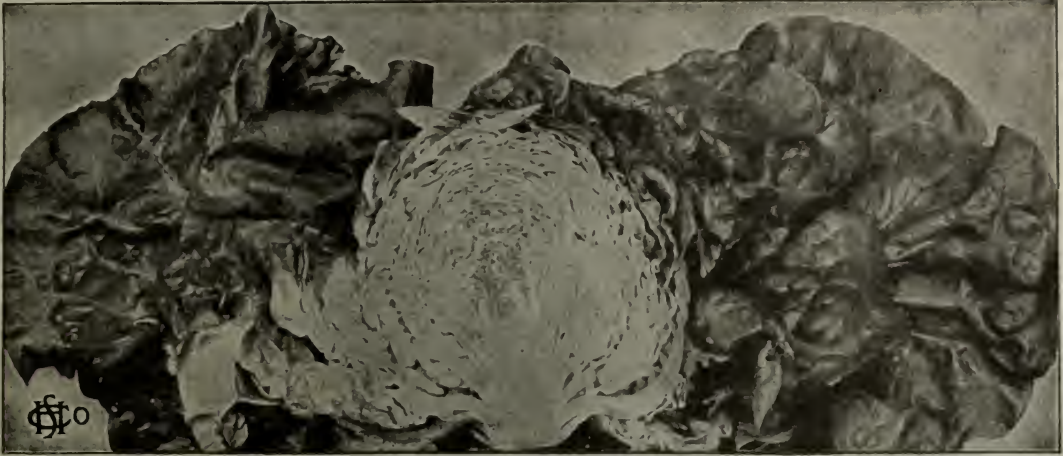
The outside color is purple; flesh white and delicate. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$1.75.

C. L. Schlott, Louisville, O.—"I found your seeds all O. K. Will be back next season."

LETTUCE

One ounce will produce 2,500 plants;
four to five pounds to the acre

In demand every month of the year. One of the most profitable crops grown by market gardeners. Start the seed in boxes, frames or borders, and transplant once or twice, giving a space of 7x7 in. up to 12x12 in., depending on variety, for final development. Extra-rich, mellow ground, the highest culture and sufficient moisture are demanded for best results. Lettuce is hardy, but makes little growth when the mercury is below 40 degrees. When much above 65 degrees the plant quickly becomes drawn out of shape. Sow shallow.



BIG BOSTON LETTUCE

Head large, very solid, light green, of excellent quality. May be sown the whole season and keeps its head very well. Big Boston is the most satisfactory variety to force in greenhouses and gently forced in a moderate temperature it makes perfect heads. For spring and early summer crops in the open ground it always brings a good crop and in the fall is used more than any other lettuce because it is not harmed by the early light frosts. It is an extensive grower on muck land, owing to its fine heading and delicate quality and besides being a good shipper. Our strain of this variety is exceptionally fine, being carefully grown, coming true to type and uniform in every way. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1.50.

A. McInnis, Newark, N. J.—“Your Big Boston Lettuce is much praised here. It grows to a large size, keeps well, is crisp and of good flavor.”

Frank Meyers, Bradentown, Fla.—“My lettuce is great. I think your Big Boston Lettuce is the finest I ever saw. The heads are so large and solid.”

Grand Rapids Lettuce
(SPECIAL STRAIN)

Probably the best of the loose-leaved varieties. Never forms a head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic tenderness and brittle character. Moreover, the flavor, even of the outside leaves, is fully equal to that of the heart leaves of many heading varieties. We strongly urge those who cannot succeed in getting Lettuce to head to grow Grand Rapids. The plant may be cut whole, or the outside leaves may be removed, leaving the younger ones to grow, thus forming a continuous crop in the garden. Owing to the fact that the lower leaves grow upright and clear of the ground, it rarely suffers from rot, and is therefore more largely grown for forcing than any other sort. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25.

John Dunlap, Columbus, O.—“We prefer your Big Boston Lettuce to any other. Every plant heads up, and they are all solid.”

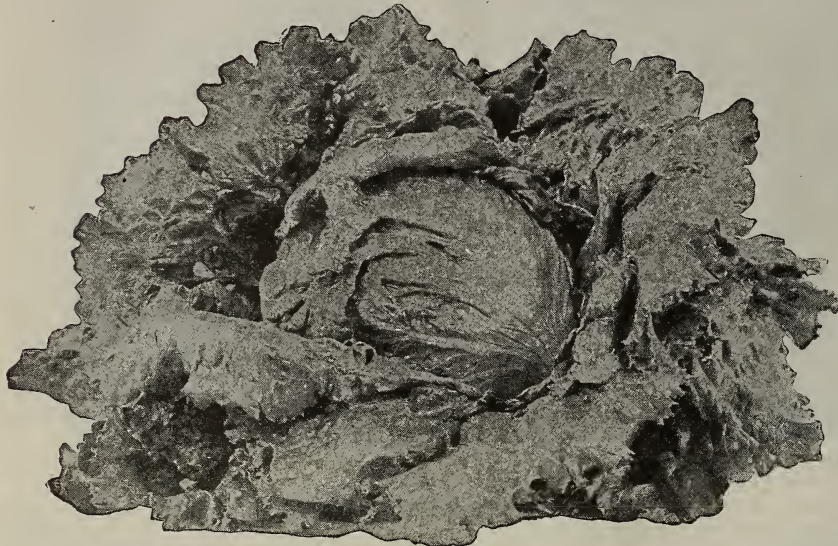
Homer Dulabahn, Canton, O.—“Your Grand Rapids Lettuce is a fine strain. I find no straight leaf stalks. Our beds are a sight to look at.”

S. Schisler & Son, Beach City, O.—“We find your Grand Rapids Lettuce true to type and grows even and strong throughout the beds.”



NEW YORK LETTUCE The King of Main Crop Head Lettuces

Immense Heads as Solid as a Cabbage. Blanches
Beautifully. Crisp, Tender and Free from Bitterness



NEW YORK LETTUCE—Crisp and Delicious

Produces immense heads, often 15 and 16 in. across, and weighing enormously. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. A very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple green. Introduced a number of years ago, and it has been extensively grown in almost all sections of the country and from whom we receive most gratifying reports. As a standard main summer crop, hot weather lettuce; in every way desirable; has no equal; is not recommended for forcing. (See engraving.) Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.

IMPROVED HANSON

Fine, large-heading variety. Leaves curled on the edges; light yellowish-green in color. Head is crisp and brittle, flavor excellent. Very best house garden variety in existence; much the finest variety of its class. Hanson is similar to the famous Los Angeles lettuce listed below, but is larger and lighter green; an extra fine sort. Allow 12 in. for each head. Pkt. 5 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50.

BLACK SEEDED SIMPSON

Bunching variety, forming no definite head. Has a large mass of fine brittle leaves of a light-green attractive color. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

EARLY CURLED SIMPSON

Loose-bunching sort, forming no definite head. Crisp, tender; light-green in color. Very hardy, easy to grow. Pkt. 5 cts., oz. home, garden or market, \$1.25.

ALL HEART

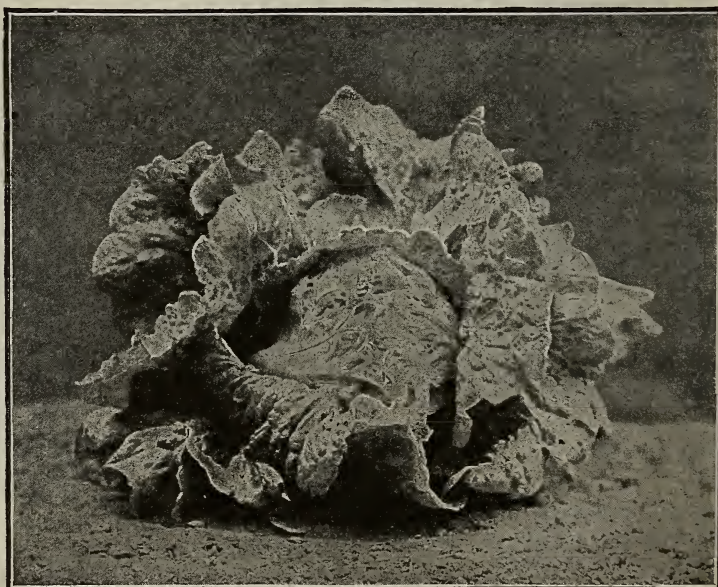
This distinct Cabbage Lettuce is excellent for spring and summer use, as it stands intense heat. A yellowish-green color, forms a solid heart, even before half grown, and is of superior flavor. Sometimes used for forcing under glass. Pkt. 5 cts., oz. 10 cts., ¼ lb. 40 cts., lb. \$1.50.

THE MORSE

Large, loose-bunching or non-heading variety, forming a large bunch of leaves which are very crisp. Fine flavor. Color is light-green, very attractive. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

CRISP-AS-ICE

A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name, Crisp-as-Ice. Glossy leaves are thick, nicely crimped and curled; outside leaves are beautifully variegated with dark bronze and green. Heads, when cut open, have a rich, creamy yellow heart. A superior family and home market lettuce. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.



IMPROVED HANSON



DUTCH SPECKLED BUTTER

Solid heads of leaves are dotted with brown. Very hardy, well large size; white, tender, crisp, of good flavor. Outer adapted to culture in cold frames in winter; also suitable for forcing or for open air culture. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

CALIFORNIA CREAM BUTTER or ROYAL SUMMER CABBAGE

Very popular variety for autumn and winter use. Forms a very large head, which is very buttery, of a rich golden-yellow inside. Leaves are thick, bright green, slightly tinged with brown on top of head, the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow, good shipping variety. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.

DENVER MARKET

Handsome variety, forming tight, conical heads. Leaves are very deeply savored, and even, outside leaves are tender and crisp. Color is light green. Pkt. 5 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50.

DEACON

Large cabbage variety, having thick, bright-green leaves; forms a large, buttery head; very bright golden-yellow inside. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.

ICEBERG

Large-heading variety; crisp and brittle, color bright green, lightly tinged with brown on top of the head; leaves curled on the edges. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$1.75.

ROMAINE or PARIS WHITE COS

Best of the Cos or celery varieties. Forms a large, light-green plant with the head well folded, quite solid. Very popular with our foreign population, for it is highly prized in England and France, while little known to our own people. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

MAY KING

Very early variety, forming fine hard heads within a few weeks after planting. Medium sized, light green, with buttery but crisp heads. Has just a faint tint of brown on the head. We have had no end of praise from our friends and customers who have tried this variety. Essentially a spring sort, and does well all summer. Being of rapid growth, quick heading, it is especially recommended for home garden, is universally esteemed. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

PRIZE HEAD

One of the very best loose-bunching or non-heading varieties. Leaves brown, very curly, of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. Is probably the most easily grown lettuce in cultivation. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

SALAMANDER

One of the most popular varieties for withstanding heat. Medium size, light green, forms a hard, buttery head of fine quality. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.



ALL SEASONS

An excellent variety; does exceedingly well in hot, dry weather. It is medium large in size and of an attractive appearance, having large, broad leaves of a light-green color. The inner leaves are beautifully bleached a rich golden-yellow; extremely solid heads, never spotted nor brownish; sure heading; very slow to run to seed; tender and mild. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

LEEK One ounce of seed to 150 feet of drill

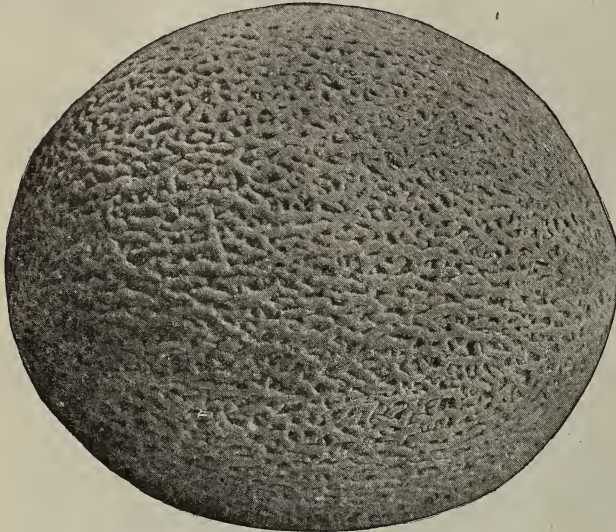
Sow in the early spring in drills 1 in. deep and 12 to 18 in. apart and transplant to permanent rows, 10 in. apart each way.

LARGE AMERICAN or LONDON FLAG

A variety similar to, but larger than the old London Flag. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

MUSKMELON or CANTALOUPE One ounce to 60 hills;
2 to 3 pounds to an acre

Plant seed in hills 4 to 6 ft. apart each way, after danger of frost is over. Use well-rotted manure in the hills. Insert seeds just under surface of soil; thin out, leaving only four plants to a hill. A light, warm soil is best, but there are varieties adapted to heavy loams, if well drained. In hoeing draw the soil well up to the plants. Fight bugs with tobacco dust, Slug-Shot, air-slacked lime or Bug Death. See page 80.



DELICIOUS GOLD-LINED ROCKY FORD

**DELICIOUS GOLD-LINED
ROCKY FORD**

Sweetest; Most Delicious

This early green-flesh melon has proven all we claimed for it. Its popularity has increased and our sales have far exceeded our expectations. We have carefully inspected every strain and type of Rocky Ford Cantaloupe, and we believe this to be the very best type for all purposes, that there is in existence. It is an ideal crate melon, fruits all being uniform throughout the fields, and loss from undersize and oversize is very small, and its quality can not be excelled. Medium size, solid net, gold-lined next to a small seed cavity, excellent quality, vines hardy, thrifty and rust-resistant. Our seed is made up of the highest class of selected fruits. A wonderfully prolific yielder, producing its melons 10 days to 2 weeks earlier than the Rocky Ford. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1.25.

ROCKY FORD or NETTED GEM

The variety that has made Colorado famous for its luscious Rocky Ford melons. The skin, green, turning to a peculiar gray color when the melon is fit for shipping. The flesh, green in color, and so sweet and luscious that it may be eaten close to the rind. The melon should have a small seed-cavity, and the portion of the flesh immediately surrounding it be slightly tinged with yellow. The melon should weigh about one and a half pounds and be very solid and firm. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 90 cts.

EXTRA-EARLY HACKENSACK

The fruits are very early ripening, medium to large-sized, nearly round, evenly and deeply ribbed and with very coarse netting. Skin is green, slightly tinged with yellow as the fruits mature. Flesh is green, juicy, sweet. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 90 cts.

OHIO SUGAR

The flesh is an attractive green, sugary, juicy, tender, entirely free from any stringiness. Handsome and uniform shape; sweet and luscious clear to the rind. Has become a popular market and home-garden melon. Produces good melons on all soils. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.

JENNY LIND

The earliest of the green-fleshed sorts, one of the sweetest. It is round or flattened at the ends, and small, being from 3 to 5 in. in diameter. The vines are very prolific. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

TIP-TOP (Orange-Fleshed)

Fine, nearly round in shape, and always sells quickly in the markets. Sweet, juicy, delicious. Flesh is firm but not hard, is edible almost to the rind. Medium to large size, evenly ribbed, moderately netted; a strong grower, heavy yielder, of handsome appearance. This melon has been grown for a number of years by market-gardeners around Rochester, N. Y., also Columbus, Ohio, and has proved superior in every way. Its appearance on the market-stall is very attractive, and it sells on sight. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 90 cts.

FORDHOOK

One of the best home-garden melons; of small size, globe-shaped, flattened at the ends. Roughly netted, while the skin showing through the netting is emerald green. The flesh is rich salmon in color, very solid and of delicious flavor. The rind is extremely thin and the seed cavity unusually small. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 50 cts., lb. \$1.50.

Mrs. B. L. Johnstone, Salt Lake, Utah.—“Your seeds are pure and germinate stronger than those bought of other seed stores. The melons were excellent. We are glad to know we can depend on ‘Holco’ Seeds.”

J. G. Exline, Canton, Ohio.—“The Improved Golden Bantam Sweet Corn you gave me to test proved to me that you have a Golden Bantam Corn that is as early and just as sweet and as large an ear as the original Golden Bantam.”



SOLID NETTED BURRELL'S GEM

SOLID NET BURRELL'S GEM

This melon was offered by us for the first time last season. It is certainly a dandy! and we believe will supersede all ordinary stocks of this popular melon. Its shape is better and its solid net gives it a more handsome appearance than the old style Burrell's Gem. The flesh is thick, color an attractive orange, and of delicious flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 40 cts., lb. \$1.25.

HOODOO CANTALOUPE

There is no better melon than Hoodoo. Excels in uniform size, closeness of netting, roundness of form, tough rind, blight resistance. Flesh is of fine grain; sweetest flavor. More round than Rocky Ford, a fine feature in packing for shipment. The flesh is of deep orange color and extremely thick, there being only a small seed cavity. Netting is heavy and close; melon solid, heavy, and firm at the blossom end. A wonderfully prolific melon, Originator's Stock. Pkt. 5 cts., oz.

which nearly always produces a fine quality melon quite early in the season. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

PAUL ROSE or PETOSKEY

The thickest fleshed yellow or salmon-colored muskmelon, of delightful flavor. Good shipper, a fine melon for market purposes. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

EMERALD GEM

Early, prolific. Ribbs are marked, but the skin is smooth, of a deep emerald-green; flesh is thick and firm, ripening almost to the rind, richest flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.

MILLER'S CREAM or OSAGE MUSKMELON

We have a most excellent strain of this popular variety. A field of our strain of Osage is a sight well worth the time and expense of any grower to see. This has been one of the most popular varieties for certain sections, and while it has been on the market a great many years, it still retains its popularity. The melon as selected today differs from the original type in having more netting. Very prolific, fair size, egg-shaped fruits, slight silver netting, thick orange flesh, fine grained and of spicy flavor; one of the best medium-sized melons for home growing and market gardeners' use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.



MILLER'S CREAM, or OSAGE MUSKMELON

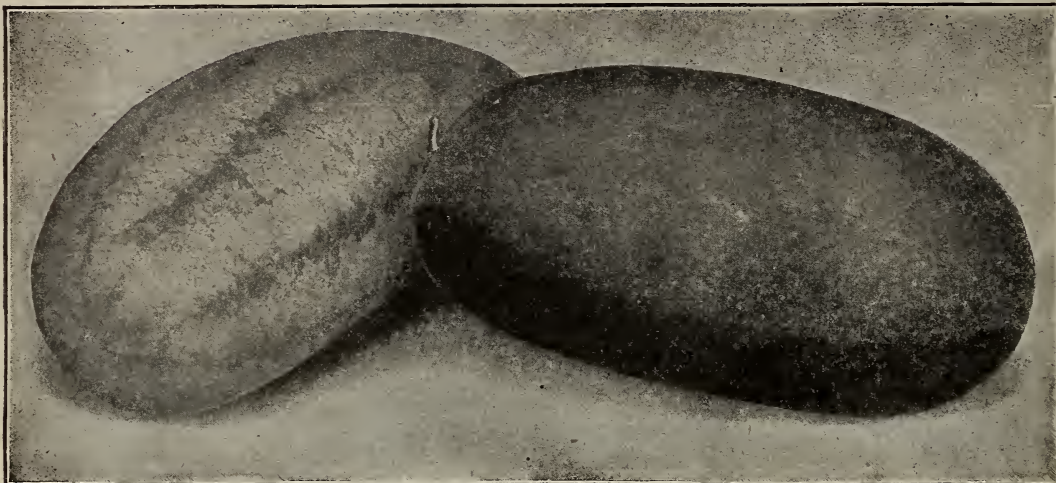
BANANA

Skin is long cucumber shape; flesh orange; delicious flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 50 cts., lb. \$1.50.

WATERMELONS

One ounce of seed will plant thirty hills;
three to four pounds of seed to the acre

Watermelons do best on light, well-drained soils, but there are varieties adapted to heavy loams. The hills should be 8 ft. apart each way, with some well-rotted manure in each hill, thoroughly incorporated with the soil. Plant the seed as soon as the weather is really warm and settled. Allow two or three plants to remain in each hill. Fight bugs with Bug Death.



HALBERT HONEY

HALBERT HONEY

The finest of all watermelons for the home garden and for local markets. Halbert Honey is superb, luscious flavor with dark, rich colored skin. Vines are of strong, vigorous growth and set fruits very freely. The melons average 18 to 20 in. long and are full or bluntly rounded at both ends. The skin is a dark glossy green. The flesh is crimson and extends to the thin rind. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 70 cts.

KLECKLEY SWEETS

Sweetest of all Watermelons, has a very luscious flavor. Skin is too tender for fruits to be shipped, is most desirable to plant for home use or nearby markets. Fruits are oblong in shape, dark green skin, thin rind, flesh scarlet, with broad solid heart, the white seeds are placed close to the rind. Flesh most crisp, sugary, and melting. Melon ripens quite early. We consider it a most desirable variety for the home garden. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 70 cts.

TOM WATSON

TOM WATSON

Most popular of all shipping melons. A long, dark, mottled-green melon, which at times grows exceptionally large, often weighing from 50 to 60 lbs., at the same time one of the most prolific melons in cultivation. A most excellent shipper for long distances, although the rind is thin. Flesh is of most superb quality and deep red in color. Extends to within 3/4 of an in. of the green rind, and is of a good flavor. Heart large with no sign of core. We have secured a fine lot of direct headquarters seed. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 70 cts.

HARRIS' EARLIEST

Fruits exceptionally large for so early a variety, slightly oval, with irregular mottled, broad striped of light and dark green; flesh bright red, sweet and tender; seed black. The vines are vigorous and productive. One of the best varieties for northern latitudes. We are convinced that it is the very best first-early melon for the home-garden. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 70 cts.

GENERAL LIST OF WATERMELONS

Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 60 cts.

STRIPED GYPSY or GEORGIA RATTLE-SNAKE

Oblong, dark and striped; bright red flesh; sweet flavor.

COLORADO PRESERVING

Excellent for making preserves.

PHINNEY'S EARLY

Early and of fine quality; large; solid; red flesh. Oblong.

SWEETHEART

An early oval-shaped melon, light green mottled, with thick, tough rind. Flesh light red, solid, of fine quality and flavor.

EARLY FORDHOOK

Extra early; large, nearly round, skin tough; flesh red and very sweet.

PEERLESS or ICE-CREAM

Fruit medium size, oval, bright green, finely veined. Flesh bright scarlet, crisp, tender and sweet.

COLE'S EARLY

Delicate in texture; fruit nearly round, of medium size, rind thin.

DIXIE

Early; productive and of fine shipping quality.

FLORIDA FAVORITE

Large oblong; flesh deep red, sweet and tender.

KOLB'S GEM

Fruit nearly round, rind dark green, somewhat marbled with lighter shades. Weight 25 to 50 lbs.

MUSHROOM SPAWN

Growing Mushrooms Profitable Business.

Cultural directions free for the asking.

PURE-CULTURE MUSHROOM SPAWN

By a newly discovered process of selection and grafting, the spawn is scientifically propagated so that large, vigorous and finely flavored Mushrooms are reproduced. The sort we offer is earlier, more productive and a marked improvement on wild spawn, either French or English. Brick (about 1¼ lbs.), 25 cts.; 5 bricks, \$1.10.

Will Spawn 10 Square Feet of Bed Culture.



MUSTARD

One ounce will sow
75 feet of drill.

MUSTARD

The seed leaves are used for salad; when older, they are boiled for greens.

GIANT SOUTHERN CURLED

A favorite in the South, where it is sown in the fall for spring salad. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 70 cts.

WHITE LONDON

Generally used while young in salads and garnishing. Oz. 5 cts., ¼ lb. 15 cts., lb. 40 cts.

OKRA or GUMBO

One ounce of seed to 100 feet of
row; 8 lbs. to an acre.

CULTURE.—Sow late in the spring, after the ground has become warm, in drills 3 ft. apart, where the plants are to remain. Thin out to from 9 to 12 in. Should be well manured. May also be raised in pots or a hotbed, and transplanted. For keeping, they should be picked while small and tender.

WHITE VELVET

White pods; smooth and velvety in appearance. Lady finger. Long, slender pods. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

DWARF GREEN PROLIFIC

Short, thick pods. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

PERKINS' MAMMOTH

Fine strain; very long pods. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

PARSLEY

One ounce to 150 feet of drill;
three pounds to an acre.

Sow seed in shallow drills in the early spring for border or in rows 12 to 18 in. apart, care being taken that the drills be not more than ½ in. in depth, and that the seed be well pressed down after sowing, as the seed germinates very slowly, three to five weeks elapsing sometimes before it makes its appearance. Cultivate frequently.

CHAMPION MOSS CURLED

A choice selected strain, beautifully crimped, dark green, curled leaves. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

PLAIN

Excellent for seasoning. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

DOUBLE CURLED

Compact; very curly and finely cut; bright green. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

HAMBURG TURNIP-ROOTED

Edible roots. Are esteemed for flavoring soups, stews, etc. Grown extensively by market-gardeners near all large cities. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

PARSNIP

One ounce for 200 feet of drill;
five to six pounds for an acre.

Sow as early in the spring as the weather will permit, in drills 18 in. apart and ½ in. deep, in a rich, deep soil; thin out 3 to 6 in. apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs.

LONG SMOOTH HOLLOW CROWN

Roots about 15 in. long with a dia. at the top of 2½ to 3 in. Skin white, smooth, very productive, but requiring a deep soil. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

GUERNSEY

Handsome, white, thick root which is shorter than the Long Smooth Hollow Crown. Clean skin, very fine, grooved neck. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.



GUERNSEY PARSNIP

ONION

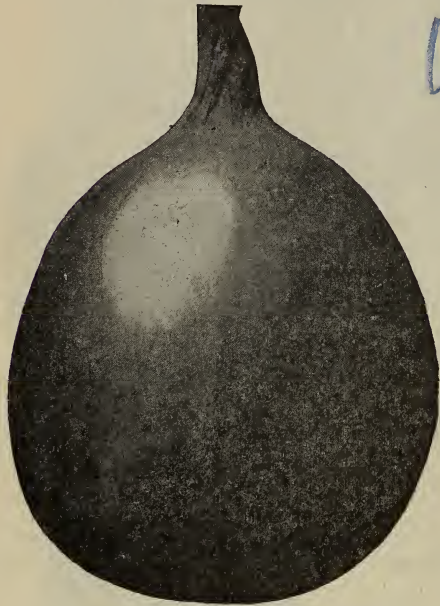
One ounce for 200 feet of drill; four to five pounds for one acre.

For early green or bunching Onions sow seed of White Portugal or other hardy white varieties in early August, in well-prepared and well-drained rich, loamy soil, giving 1 ft. of space between the rows, and using 20 lbs. of seed to the acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 in. or so apart. Use wheel hoe and weeders freely, and thin plants to stand at least 2 in. apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 lbs. of seed to the acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following, plant them in shallow drills, 12 in. apart and about 2 in. apart in the drill.

By sowing seed of the Spanish type, such as the Prize taker and Southport Globes, under glass in January, February or even March, and transplanting in April to open ground, 3 to 4 in. apart in the rows, bulbs of immense size may be produced.

HOLCO OHIO YELLOW GLOBE

Is positively the most perfect strain of Yellow Globe Onions in existence. Early, sure cropper, largest yielder, long keeper. Mildest in flavor, attractive, handsome, bright, even color, ripens early and all at once; necks very small, and cure down to almost nothing. The firm solid bulbs are excellent winter keepers and enormous yielders. This Onion is good for all classes of soil and on account of its quick maturing qualities we consider it to be the most valuable yellow onion for all markets. Our supply of seed is grown in the State of Ohio under our own supervision, bulbs are inspected by us before planting. We can recommend this strain to the most critical grower. Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.



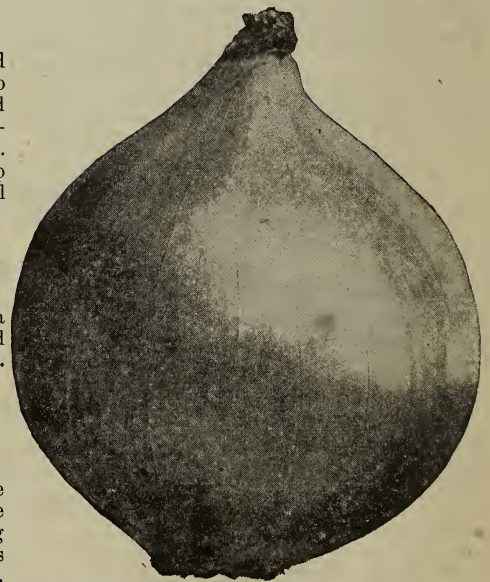
“HOLCO” OHIO YELLOW GLOBE ONION

SOUTHPORT YELLOW GLOBE

This strain of Globe Onion produces onions with a brownish-yellow skin, fine-grained white flesh. Has been selected to the slim or slender neck which makes it earlier and sure ripening of the bulbs. Tops die early and uniform. The onions average from 2 to 2 1/2 in. in dia. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 75 cts., lb. \$2.00.

YELLOW GLOBE DANVERS

Handsome bright even yellow color, large in size, early and heavy cropper, very thick bulbs, slight depression from top to bottom, is a perfect sphere. Our yellow Globe Danvers are selected to a high standard of perfection. When at maturity the tops disappear entirely, leaving the bulbs without neck, clean and solid. Why grow ordinary Onions when you can procure new 1915 crop seed from this wonderful strain of Onions at the following special prices. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 50 cts., lb. \$1.75.



YELLOW GLOBE DANVERS ONION

SOUTHPORT WHITE GLOBE

A true globe-shaped, the onions are 2 to 2 1/2 in. in dia., with a thin, delicate skin of purest whiteness, fine-grained, of a wild flavor. We firmly believe there is no better strain than ours. Pkt. 5 cts., oz. 25 cts., 1/4 lb. 85 cts., lb. \$3.50.

SOUTHPORT RED GLOBE

Handsomest of all red Onions, large and most perfect Globe shape, the onions are 2 to 3 in. in dia. Remarkably uniform in size and form, are thin necked, ripening down to a solid ball. Its long keeping qualities make it an excellent shipping onion. A vigorous grower and a heavy cropper, very hardy. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

We Sell Great Quantities of Onion Sets: Write for Prices. See Page 46.



RED WETHERSFIELD ONION

LARGE RED WETHERSFIELD

The most popular variety for winter markets in northern states. In color the skin is deep rich purplish red, flesh white, lightly tinged with pinkish rose. Onion weighing 1 lb. from seed is not uncommon. Our strain Large Red Wethersfield has a small neck, is entirely free from scallions or thick necks. Well flattened, solid and thick, of remarkably mild flavor for a dark onion. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1.50.

AILSAS CRAIG MAMMOTH ONION

We offer a very fine strain of this popular Onion, which on account of its enormous size, is in great demand amongst exhibitors of vegetables. It is a good keeper, and is much liked and recommended on account of its acceptable, delicate, and pungent flavor. It is an excellent keeper for a large onion. Has attractive pale straw color. To secure the largest onions, seed should be sown in hotbed in the early spring and transplanted later to the open ground. 38 1/2 first prizes during the past few seasons. Pkt. 10 cts., oz. 25 cts., 1/4 lb. 85 cts.

EXTRA EARLY BARLETTA

A small flat, pure white onion, running from 1 to 1 1/2 in. in dia. and should be left to grow quite thickly in the row. These are mainly planted to produce small onion for pickling. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 50 cts., lb. \$1.75.

White Portugal, or Silverskin

Bulbs grow to a good size, ripening early, somewhat flattened shape. Flesh is mild and sweet, the thin skin is silvery white. One of the best for slicing or boiling also pickling. When seed is sown at the rate of 25 lbs. per acre it makes bulbs of suitable size and most desirable for pickling. Largely planted for producing white sets for early spring and late fall planting. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.

PRIZE-TAKER (AMERICAN GROWN)

The handsomest, most productive, most popular and best of all yellow Globe Onions. A bright, clear straw-color, always grows a perfect globe. A very small neck and ripens up hard and fine, flesh is pure white, fine grained, mild, delicate flavor. Of immense size, measuring from 12 to 16 in. in circumference. Sometimes called Yellow Spanish Onion. In market it never fails to attract attention on account of its beauty, and sure to bring a far better price than other onions. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 50 cts., lb. \$1.75.

Dulabahn Gardens, Canton, O.—“Your Grand Rapids Lettuce is certainly fine, comes true to type and form.”



AILSAS CRAIG MAMMOTH ONION

Robert Garrahan, Pennsylvania.—“Your ‘Holco’ Ohio Yellow Globe Onion Seed was very good.”

We sell great quantities of Onion Sets. Write for Prices.

GARDEN PEAS

One pint to 100 feet of drill; one and a half to two bushels to the acre.

Peas belong in three groups: Garden, field and edible-podded. Garden Peas are smooth or wrinkled. The smooth are earlier and most hardy. The wrinkled are sweetest. Field Peas are of high value in stock-feeding and green manuring. Edible-podded Peas are growing in favor. Sow in earliest spring and make successional plantings every ten days until June 1st. In the latter part of August sow early Peas for an autumn crop. Drill 1 to 2 in. deep, in rows 2½ to 4 ft. apart. In the field, use no sticks. In garden culture sow in double rows 10 in. apart, and use supports for the tall-growing varieties.



"HOLCO" MARKET GARDENER EXTRA EARLY PEAS

HOLCO MARKET GARDENER EXTRA EARLY

(Smooth, 20 in.)

Possesses extraordinary degree of vitality, having matured a full crop in some sections where severe frost had ruined other sorts, thus proving extremely valuable for market gardeners who plant for early market at a season when frosts frequently occur after growth has begun. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.60.

ALASKA

(Smooth, 24 in.)

The most extensively used Pea. Popular with early market gardeners owing to its abundance of pods and uniform maturity. Foliage is of a peculiar light green tinge. Pods 2½ in. long, straight, round, well filled. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 75 cts., pk. \$1.25.

AMEER

(Smooth, 24 in.)

Called the large podded Alaska. Pods borne along the vine frequently in pairs. Peas larger than Alaska. Pods 3 in. long, slightly curved. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

FIRST and BEST

(Smooth, 30 in.)

Early, productive, with a strong, vigorous vine, which is light in color and uniform in growth. Pods straight, 2½ in. long, round, light green in color and blunt. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 75 cts., pk. \$1.25.

PROLIFIC EARLY MARKET

(Smooth, 24 in.)

Large handsome pods, larger than any, very prolific. Pods 2½ in long, blunt end. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

ENGLISH WONDER

(Wrinkled, 14 in.)

A dwarf and very prolific Pea with the highest commendations, being of the rich, deep color of the Stratagem. It is a first early of bushy habit. Its pods are larger than most of the early dwarf class, while the quality and flavor of the Pea is delicious. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.00.

PREMIUM GEM or LITTLE GEM

(Wrinkled, 18 in.)

Early, prolific, uniform in growth and productiveness, bearing pods single on both sides of the stalk, beginning near the ground. The peas are of good quality. Pods 2½ in. long, nearly straight, round, well-filled to the end. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

NOTT'S EXCELSIOR

(Wrinkled, 14 in.)

Very heavy yielder. Is more uniform, productive and earlier than others, is far more desirable. This pea is used in large quantities and is very popular. Pod 2½ in. long, straight, round. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

GRADUS or PROSPERITY

(Wrinkled, 3 ft.)

Here we have a large, early Pea with a pod large as Telephone, tender, good flavor. Very quick to germinate, maturing with the earliest sorts, and with quick, warm, rich soil and favorable conditions a fairly good cropper. Foliage large and pale green. Pods 4 in. long, straight, slightly rounded at point. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.



VINE OF THOMAS LAXTON PEAS



LITTLE MARVEL PEAS

LITTLE MARVEL

(Wrinkled, 15 in.)

A dwarf, first-early Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The pods $2\frac{1}{2}$ in. in length, frequently borne in pairs. The pods contain 6 or 7 large, dark-green peas, which remain in good eatable shape a week later than most other varieties. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.00.

EARLY MORN

(Wrinkled, 2 ft.)

This grand introduction maintains its position as one of the best early wrinkled Peas ever raised. Although very early, the seed should not be sown until the soil is in a fit state to receive it. The pods are very large and well filled. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.25, pk. \$2.00.

BUTTERCUP PEA

(Round, Blue, 18 in.)

Hardy type of Daisy Pea; may be described as an early main crop; fine robust habit, long, well-filled pods, produced in pairs, remarkably free bearing. The large, green seed, which is almost round, retains the sweet flavor when cooked. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.

THOMAS LAXTON

(Wrinkled, 3 ft.)

Closely resembling but hardier than Gradus, and a more abundant yielder. Pods resembling Gradus in shape, except a little more blunt at end. Pods about $3\frac{1}{4}$ in. long, straight, inclined toward roundness, well-filled. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.00.

SUTTON'S EXCELSIOR

(Wrinkled, 18 in.)

This is probably the finest dwarf Pea in cultivation and especially for private and market gardeners, bearing large, broad pods filled with large peas. Very tender, of most delicious flavor. In the front rank for earliness, with much larger and handsomer pods than any other variety in this class yet introduced. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., 4 qts. \$1.00, pk. \$1.75.

AMERICAN WONDER

(Wrinkled, 1 ft.)

Vigorous, productive, with dark foliage, having the peculiarity of producing leaves on one side of the stalk. Very popular with private and market gardeners. Pods $2\frac{1}{4}$ in. long, round, crowded to the end with peas. This crowding often makes the peas appear almost square. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

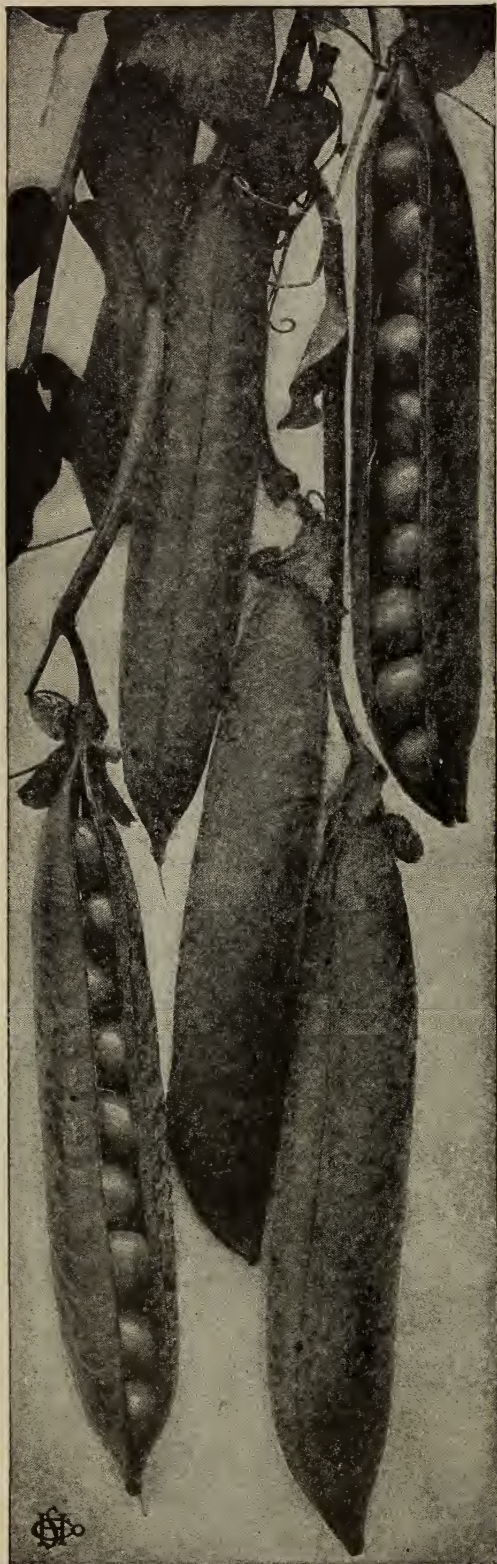


ALDERMAN PEAS

ALDERMAN

(Wrinkled, 3 ft.)

Has grown in the front rank of all the list of large podded, long-vined Peas and is today recognized as the best in its class by the most exclusive trade in America. Remarkably healthy, vigorous and productive. Vines medium dark-green and very luxuriant in appearance. Pods 5 to $5\frac{1}{2}$ in. long, straight, rounded at the point, very dark green in color, well-filled, delicious flavor. Pods retain their dark-green color long after picking, making them most desirable for market gardeners. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.



LAXTONIAN PEAS

LAXTONIAN

The Best First-Early Dwarf Wrinkled Pea

Bears long, handsome pods fully as large and equally as early as Gradus, while the vines require no staking! Is unequaled for extreme earliness, superb quality, and productiveness. The dwarf vigorous vines average fifteen inches in height and carry enormous crops of large, deep bluish-green pods. The handsome pointed pods, generally borne singly, measure 4 to 4½ in. long and are tightly packed with 8 to 10 extra large, deep bluish-green peas. These peas are not only large in size, but of most luscious flavor. The pods are ready to pick as early as Nott's Excelsior, while double the size; in fact, they average fully as large as Gradus! If sown thinly, say 4 in. between the seeds in the row, the produce will astound even experienced gardeners. Supply of seed is limited, crop very short. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.50, pk. \$3.00.

BRITISH WONDER

Pronounced sweeter in flavor than either Gradus or Thos. Laxton

The growth is similar to Carter's Daisy, except that the foliage is darker green and pods are not so large nor so sharply pointed. It is, however, much more reliable, as it is a sure cropper! Under ordinary conditions the vines grow from 15 to 18 in. The pods are produced most abundantly and uniformly well filled. The fresh peas are large and dark green; dry seed is green wrinkled. This pea, coming a little earlier than Stratagem or Carter's Daisy. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50.

DWARF TELEPHONE or CARTER'S DAISY

(Wrinkled, 20 in.)

Vines heavy with green foliage, season medium. Pods 4½ in. long, broad, straight, rounded at the point, pale green in color and well filled, containing 8 and 9 peas. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., 4 qts. \$1.00, pk. \$1.75.

DWARF CHAMPION or JUNO

(Wrinkled, 2 ft.)

Robust, vigorous, uniform in growth. Bears straight pods, 3 in. long, broad, blunt end, frequently in pairs, well filled. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.25.

EVERBEARING

(Wrinkled, 30 in.)

Vines are closely jointed and frequently form many stalks from a single root stalk. Pods 3 in. long, broad, blunt, of fair size and light green in color. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

W. H. Haslam, Esq., Pittsburgh.—"The 'Little Marvel' Pea is the best early variety I have grown. It is a very heavy cropper, peas large, even in size and of delicious flavor. I can unhesitatingly recommend this fine variety."

POTLATCH

**EXTREMELY PROLIFIC SUPERB QUALITY
DARK GREEN PODS**

The magnificent dark green pods, borne in pairs, are 5 to 6 in. long, containing 8 to 10 large peas which are exceptionally rich in flavor. The pods are ready at the same time as Stratagem and they come absolutely true to type. One of our finest peas for garden and table use, excellent for private gardens. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

IMPROVED STRATAGEM

(Wrinkled, 20 in.)

Vigorous habit, luxuriant foliage, a heavy cropper. Pods 4 in. long, straight, broad, finely shaped and rounded at the point. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

IMPROVED TELEPHONE

(Wrinkled, 3½ ft.)

One of the leading large-podded sorts. Pods 5 to 5½ in. long, broad, straight, pointed, well filled with large peas of delicious flavor. Pods dark green and retain their color long after picking. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

CHAMPION OF ENGLAND

(Wrinkled, 4 ft.)

Much prized by those who are fond of a large, tender, luscious Pea. Vigorous in growth, foliage medium green. Pods 3 in. long, blunt, medium, dark green in color, broad and nearly straight. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

QUITE CONTENT

This is the largest podded pea in existence. It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but with larger pods. Grown under favorable conditions, attains the height of 5½ to 6 ft.; the foliage is large and heavy, of a luxurious rich green color. The pods are truly gigantic in size! Of a deep-green color; they are produced usually in pairs and grow straight with only a slight curve. Measuring from 5 to 6½ in. in length, each pod contains an average of from nine to eleven large peas of delicious flavor. It is a good cropper and continues to bear for a long period. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., 4 qts. \$1.50.

SUGAR or EDIBLE-PODDED PEAS

MAMMOTH LUSCIOUS

(Wrinkled, 4 ft.)

Excels 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. Remain long time in bearing. The pods are gigantic in size, broad, sweet and tender, extremely fleshy. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.10, pk. \$2.00.



POTLATCH PEA

WHITE EYE MARROWFAT

(4 ft.)

Vines hardy, vigorous. Foliage light green. Pods 3 in. long, blunt, of light-green color. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 75 cts., pk. \$1.25.

CANADA FIELD PEAS

See page 57.

MELTING SUGAR (4 ft.)

A standard edible-podded sort. Pods cooked and used the same as wax beans. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., 4 qts. 85 cts., pk. \$1.50.

DWARF GREY SUGAR (24 in.)

Edible-podded sort and used only in that way. Pods are broad, flat and crooked. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.



MAMMOTH LUSCIOUS SUGAR PEA

PEPPER One ounce of seed produces 1,200 plants

Sow the seed in a hotbed or window-box, about March 1st; transplant to the open when all danger from frost is over. Set plants in rows 3 ft. apart, 15 in. in the row.



One-third Natural Size.

HOLMES' PROLIFIC SWEET PEPPER

HOLCO PROLIFIC SWEET PEPPER

Large, mild, early red Pepper. This wonderful Pepper originated with Mr. Geo. Houser of Pennsylvania, a well-known market gardener. The strong, vigorous plants grow 2 ft. high, are completely laden with large, handsome fruits, bear continuously until frost. Plants average from 15 to 20 well-developed Peppers. Flesh is bright red; thick meated, sweet and very mild. They carry well and keep in condition a long time. Pkt. 15 cts., 2 pkts. 25 cts.

GIANT CRIMSON

Earliest maturing of the extremely large red, smooth, Sweet Peppers. Plant is vigorous and upright, growing 2½ to 3 ft. high, which is taller than the Chinese Giant and more productive, very large size, ripen earlier than any of the other very large sorts and average heavier, as the flesh is exceptionally thick. Color deep green when fruit is young, deep crimson when matured; flavor very mild. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

PIMENTO

See Page 8.

RUBY KING

The most popular large red Pepper. Plants grow 2 ft. high and bear a fine crop of handsome, extra-large, scarlet fruits. The flesh is quite thick, sweet, fine for mangoes. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00.

LARGE BELL or BULL NOSE

An old standard and favorite sort. Early, bright-red in color, mild, of large size, and has thick flesh. Excellent for stuffing. A good bearer, earlier than Ruby King. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

LONG RED CAYENNE

Are 3 to 4 in. long; bright red. The flesh is very sharp. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00.

GOLDEN DAWN

Similar to the Large Bell or Bull Nose, excepting that it is golden yellow, and very sweet. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00.

PUMPKIN

One-fourth lb. for 75 hills; 3 to 4 lbs. to the acre.

Pumpkins will grow almost anywhere, but thrive in rich soil. In many varieties the size and weight depend almost wholly on culture and fertility of the land. Many pumpkins are exceptionally good for pies; other sorts are fit only for feeding livestock. Plant in hills 8x8 ft. Put seed in ground in May or June. Fight bugs with Bug Death, Slug-Shot or air-slaked lime.

MAMMOTH GOLDEN CASHAW

Also known as Crookneck. One of the widely popular varieties. Two ft. long, light colored. Flesh yellow, solid, sweet; excellent for pies. Has little interior cavity, being almost solid flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

GREEN-STRIPED CASHAW

An improved strain of the old Cashaw. Beautiful in appearance; a distinct, mottled green, white-striped. Fruit solid; averages 15 to 25 lbs.; flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

CONNECTICUT FIELD or COMMON YELLOW

A large, oval-shaped Pumpkin. Skin reddish orange color, with rich, orange-yellow, tender flesh. Extensively grown for stock-feeding, and generally planted with corn, producing enormous crops. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts., pk. \$1.75, bu. \$6.00.

SMALL SUGAR

Small size, averaging about 10 in. in dia.; of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange-yellow, flesh very sweet and tender. One of the best for pies. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

TENNESSEE SWEET POTATO

Medium sized, pear shaped, slightly ribbed. Color, creamy white, sometimes lightly striped with green. Flesh light colored, fine grained, dry, a superior flavor, and when cooked resembles a sweet potato in taste. A good keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

JAPANESE PIE

High quality Pumpkin of Japanese origin. Flesh is very thick, a rich salmon color, fine grained, dry and sweet. Seed cavity small. Of medium size, early, very productive and a good keeper. Highly desirable as a pie or cooking pumpkin. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

KING OF THE MAMMOTHS

Fruits grow to enormous size, sometimes reaching 2 ft. or more in dia., and from 100 to 200 lbs. in weight. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained, tender, of excellent quality for pies. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. \$1.25.

George Jordan, Michigan—"Your Southport Red Globe and Southport Yellow Globe were exceptionally fine strains. We were well pleased. The onions matured evenly and were pure."

NORTHERN GROWN SEED POTATOES

One peck will plant about 125 hills; ten bushels to the acre

Our stock is grown for us on contract in the best Potato-producing section. The fields are well fertilized and sprayed, assuring customers who plant our stock that they will yield large returns—True to Type. Farmers and truckers should renew their seed potatoes at least every two years, as by doing so they will most fully realize the advantage of early maturity and productiveness. Those who grow mainly for seed should plant the choicest Northern-grown stock exclusively, while those who grow for market can obtain satisfactory results combined with moderate expense by planting a sack or two, as may be needed to furnish seed, for the main crop the following season, thus securing the advantage of fresh early-maturing seed at a minimum of expense. We handle only choice selected Northern stock of the varieties best suited for market and home use. Orders for seed potatoes received during the winter are placed on file in rotation as received and shipment is made by freight or express as early in the spring as they can be sent without danger of freezing while in transit. Orders shipped during the cold winter months to customers are entirely at purchaser's risk.

HOLCO EXTRA EARLY EARLIEST—OBLONG SMOOTH WHITE—FREE FROM BLIGHT

Finest in quality of all early potatoes, more productive than any other first early potato and keeps better; 10 days' earlier than Early Rose. Tubers are round, white skin. The cooking quality of "Holco" Extra Early is all that could be desired. Unequalled table quality will make it the quickest selling on the market. It ripens very evenly and the tops die down as soon as the crop is matured, so that the potatoes may be dug and the land planted with a second crop, therefore the summer blights do not affect the foliage. Pk. 75 cts. Write for prices on larger quantities.

EUREKA EXTRA EARLY None More Quick to Mature More Proof Against Drought and Blight So Free from Second Growth

It has never failed to produce a large crop of extra early potatoes. The plant is dwarf and compact, maturing in advance of the Early Rose. It never has had the blight. The tubers are round, slightly flattened. White skin, free from disease. Flesh, white and mealy; no cores or black specks. Quality unsurpassed. One point alone which makes it valuable is that it has never taken second growth, and resists drought better than any other potato we have ever grown. North, South, East and West, Eureka Extra Early always came off with flying colors. We advise early orders, for, while our stock is large, the demand for Eureka is simply astonishing. Pkt. 75 cts. Write for prices on larger quantities.

EARLY OHIO

This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine; extremely early, coming in about 7 to 10 days earlier than Early Rose. Pk. 75 cts. Write for price on larger quantities.

EARLY ROSE

A leading variety for earliness, quality and productiveness. Pk. 75 cts. Write for price on larger quantities.

IRISH COBBLER

Extra early; a splendid sort, almost entirely round in shape; good quality; heavy producer. Pk. 75 cts. Write for price on large quantities.

CARMAN No. 3

A handsome yielder; produces potatoes of the most excellent quality. Pk. 75 cts. Write for price on large quantities.

RURAL NEW YORKER

Very smooth-skinned sort, valuable as a cropper, for which it cannot be equalled. Pk. 75 cts. Write for price on larger quantities.

Seed Potato Crop is very short. We advise to order early.



IMPROVED GREEN MOUNTAIN POTATO

Improved GREEN MOUNTAIN

A reliable late Potato which is rapidly increasing in popularity—in fact, in some sections it has superseded all other main crop varieties. Does remarkably well on poor soils; very free from disease; resists drought wonderfully well, produces tubers of large size, attractive appearance; flesh white. A good keeper, when put away in the fall will keep well until spring. Pk. 75 cts. Write for price on larger quantities.

SIR WALTER RALEIGH

White-skinned, main-crop potato, resembling Rural New Yorker. One of the best late sorts. Pk. 75 cts. Write for price on larger quantities.

SELECTED JERSEY SEED SWEET POTATOES

YELLOW NANSEMOND

Qt. 20 cts., 1/2 pk. 60 cts., pk. \$1.10, 3/8 bu. basket \$1.75.

RED NANSEMOND

Qt. 20 cts., 1/2 pk. 60 cts., pk. \$1.10, 3/8 bu. basket \$1.75.

CHOICE JERSEY SWEET POTATO PLANTS

We make a specialty of extra-fine selected strain of Sweet Potatoes, and furnish plants in any quantity. Doz., 10 cts.; per 100, 50 cts.; per 1,000, write for price.

Our Potatoes are put up in barrel sacks of 165 lbs. each. Prices of Potatoes subject to change.

RADISHES

One ounce of seed will plant 100 feet of row; eight to ten pounds for an acre.

All varieties thrive best in light, sandy loam. For early use, sow in the hotbed, in Feb., giving plenty of ventilation, or outside in the garden, in drills, as soon as the soil is warm and dry, covering the seed about 2½ in. deep. Sow every two weeks from March until Sept., for a succession of crisp Radishes for continued use. Radishes must grow rapidly to be crisp, mild flavored and tender. We offer a very fine assortment.

Our Radish Seed is strictly of the finest grade, being grown from carefully selected and transplanted roots.

Holco Early Round or Turnip Radishes

ROYAL RED FORCING

(Earliest Red)



ROYAL RED FORCING RADISH

Radishes are perfectly round, ¾ in. to 1 in. in dia., with thin, bright-red skin, firm white flesh, crisp and mildly pungent. Leaves short and small and only 3 or 4 in number when the Radishes are ready for use. This distinct Radish is remarkable both for its crispness and solidity, while it is of most attractive appearance when bunched for market. An extra-early market Radish, both for under glass and the open ground. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.

CRIMSON GIANT

Should have been named the "Ever-Ready." Impossible to imagine a market-gardener even attempting to do without this splendid Radish. Within a few days as early as the extra-early varieties, and has the important characteristic of never becoming pithy, no matter how large it is allowed to grow. Grows up to about four times the size and weight of any of the turnip varieties, and the flesh remains remarkably sweet and brittle throughout. It has a splendid color, being deep crimson, which makes it absolutely the most attractive Radish for the dealer. While it has a tendency to vary in shape, we are prepared to give our customers a very fine and uniform strain of this most excellent Radish, good either for forcing or for the open ground. For open-ground culture it has the particular quality of withstanding droughts to a remarkable degree. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

HOLCO EARLIEST ROUND WHITE

An extremely early butter Radish, clear white with very small foliage; earlier than other small forcing sorts, splendid to plant under glass during the winter months for market. "Holco" Earliest Round White is very crisp, tender, juicy and mild in flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EARLY SCARLET TURNIP

Extra early sort, with smooth, round, richly-colored roots. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 40 cts.

COOPER'S SPARKLER

A scarlet turnip, white-tipped. Is extremely quick to mature, ready in 20 days from the time of sowing the seed. It is invaluable for forcing under glass, as well as for growth in the open air. The skin is very smooth, its clear color gives it an appetizing appearance on the table. Market-gardeners find it a quick-selling sort, satisfactory in the private or home garden. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

VICK'S EARLY SCARLET GLOBE

For greenhouse or hotbed forcing and for out-of-doors. Very early, mild, crisp and tender; one of the most attractive, best-selling Radishes. Very handsome, rich, bright scarlet, thoroughly sound, fine quality, a great favorite; it resists heat without becoming pithy, is ready in 25 days. This sort is not desirable for hot summer planting, as it loses its shape—it is an early Radish and as such gives entire satisfaction.

Vick's Scarlet Globe Radish should be planted in every garden for market as well as for home use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

EARLY DEEP SCARLET or NON PLUS ULTRA, FORCING

This variety has as small a top and is as early as any in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in three weeks and they remain fit for use longer than any other early variety. They are small, globular, smooth, very deep red in color; flesh is white, crisp, tender and mild in flavor. May be planted very closely, owing to their small tops. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.



"HOLCO" EARLIEST ROUND WHITE



ICICLE—FINEST LONG WHITE RADISH

Finest and longest of the very early, pure white varieties; ready for use in 20 to 25 days. This Radish is not only crisp and tender when young, but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other first-early variety. Is excellently adapted for forcing purposes or successive sowings in the open ground. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

PEARL FORCING

A beautiful pearly white, long variety. It is firm and solid, and remains in shape for some weeks before becoming woody or showing any signs of going to seed. A Radish we can recommend which for all purposes is first-class. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

LONG WHITE VIENNA, or LADY FINGER

An extremely popular sort for years, one of the very best and finest of the long white Radishes. Graceful in form, flavor is sweet and mild, with brittle flesh. An especial favorite with many market-gardeners. The demand has largely increased for our selected strain. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

WHITE STRASBURG

White Radish of large size, good quality, and ability to resist severe heat. We recommend White Strasburg for summer planting. Will grow solid, with good flavor, when others fail. Popular with market-gardeners. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

WINTER RADISHES

WHITE CHINESE or CELESTIAL

Never has a winter Radish won so much favor. The true stock of this variety is stump-rooted, and although a winter radish, can also be grown in late summer, flesh is firm, solid and pure white, keeps all winter in prime condition; is of mild flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 70 cts.

CHINA ROSE

A Radish of large size, blunt at both ends. Skin is a bright scarlet and the flesh is pure white, firm, crisp and pungent. May be sown up to August, thicker than any other winter radishes. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

CINCINNATI MARKET

This Radish originated in the vicinity of Cincinnati, Ohio, with the "Glass Gardeners" there, and has been constantly used by them. The tops are so small that the Radishes may stand touching each other in the rows. The Cincinnati Market Radish grows perfectly straight and smooth, 6 to 7 in. in length. Skin scarlet, very thin; flesh crisp, brittle, of delightful flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

EARLY LONG SCARLET SHORT-TOP

The long, slender, colored roots are most attractive in appearance. They are ready in about 25 days; crisp, brittle, of choicest quality. They reach a length of 5 to 6 in., growing half out of the ground. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

IMPROVED CHARTER

Excellent sort for the home garden. Brightest scarlet on the upper part and pure white long tips, the handsomest long red Radish on the market, the best seller; 25 days after planting it is usually ready for the table. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

ROUND BLACK SPANISH

Root rounded or top shaped from 3 to 4 in. in dia.; skin very black; flesh white, of firm texture and very pungent. Keeps a long time. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

LONG BLACK SPANISH

Root cylindrical, from 7 to 10 in. long and 2 to 3 in. in dia.; skin very black, somewhat wrinkled; flesh white, firm, compact; keeps well. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

Mrs. W. D. Warstler, Hartville, O.—"Received my seeds and bulbs. Am well pleased with them."



ONION SETS

We are prepared to furnish the choicest stock, and spare no pains to produce them from thoroughbred seed and to keep them true to name. Peck and bushel prices on Onion Sets are subject to market changes. We sell all Onion Sets 32 lbs. to the bushel, except where noted.

YELLOW GLOBE

Pt. 10 cts., qt. 20 cts., pk. \$1.00, bu. \$3.75.

WHITE

Pt. 15 cts., qt. 25 cts., pk. \$1.50, bu. \$4.50.

EGYPTIAN or PERENNIAL TREE

A perfectly hardy perennial onion, throwing up stalks every spring. It produces sets or small bulbs at the summit of the stalk and the root also divides. They are planted in Aug. and Sept. for scallions. Lb. 10 cts., bu. of 28 lbs. \$3.00.

SALSIFY or VEGETABLE OYSTER

One ounce to 75 feet of row; eight to ten pounds to the acre.

Treat about the same as carrot, except that Salsify is hardier, may be left in the ground all winter. Sow in drills, 1 to 2 ft. apart, and thin to 4 in. in the row. Cover seed about 1 in. Sow in April or May.

MAMMOTH SANDWICH ISLAND

Roots much heavier than the old Long White. Is white in color, and a satisfactory sort in every way. Invaluable to market-gardeners. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50.

SPINACH

One ounce to 100 feet of drill; 8 to 10 pounds to the acre in drills; 12 to 15 pounds broadcast.

For early spring use, sow seed in Aug. or Sept., in rich soil. Upon approach of cold weather, cover the plants with 3 in. of straw or salt hay. In the spring, when dry, remove litter, and plants will be ready for use in a short time. Sow seed 1 in. deep, in rows 1 ft. apart or broadcast. For succession, sow every 2 weeks from April to Aug.

IMPROVED THICK LEAVED

One of the best varieties for fall sowing and to winter over for spring crop. Leaves are broad, hug the ground closely, are slightly crumpled, attractive in color. Plant is large and produces a big crop. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

BLOOMSDALE

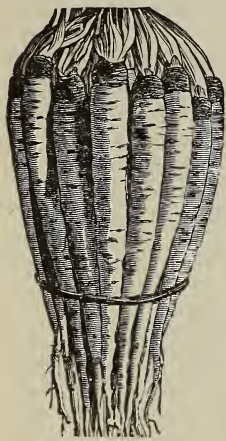
Also called Norfolk Savoy-leaved. Great favorite with market-gardeners along the Atlantic slope. Has thick, dark green, wrinkled leaves, perfectly hardy. One of the best for fall sowing. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

LONG STANDING

For spring planting. Leaves large, thick, fleshy and crumpled. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

NEW ZEALAND

This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright. One sowing can be picked from the entire summer. A very distinct variety. Soak seed in water twenty-four hours before planting. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.



SALSIFY

PRICKLY WINTER

For late planting or very cool locations, an excellent variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 30 cts.

VICTORIA

A handsome variety of exceedingly dark green, broad thick leaves, and has very long-standing qualities. Unexcelled for spring or fall sowing. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

LONG SEASON

Is low growing plant. This new Spinach withstands hot weather longer than other kinds. The plant is small, but does not wilt or run to seed as quickly as other sorts. The leaves are thick, tender and fine when cooked. Color, a beautiful dark green. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

SQUASHES

Culture same as for melons. Make the ground very rich. A good sandy loam is best. The Squashes are all tender, and the seed should not be planted until warm weather. Allow 4x4 ft. for the hills of the Bush Squashes, and 8x8 ft. or more for the running varieties. Four plants to the hill; 3 to 4 lbs. of seed to the acre. For summer Squashes estimate 2 oz. to 100 hills; for winter Squashes 4 oz. to 100 hills. Use Bug Death or Slug-Shot to keep down the bugs.



THE TRUE HUBBARD SQUASH

bronze green. Flesh is bright orange-yellow, fine grained, thick, dry and richly flavored. (See cut on this page.) Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

DELICIOUS

The squashes, weighing from 5 to 10 lbs., vary both in color and form but are very delicious in flavor, excellent winter keepers. Flesh is dark orange, very thick and fine grained. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 35 cts., lb. \$1.25.

GIANT SUMMER CROOKNECK

One of the best of the summer Squashes. Of dwarf, bushy habit, very productive. Skin is yellow. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. This is, in fact, most highly esteemed of all the summer varieties. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 90 cts.

FORDHOOK

Flesh is very dry and sweet. One of the best of the late summer varieties. The outside color is bright yellow; inside color, straw-yellow. The skin is so thin that it need not be removed for cooking. The meat is thick and can be used at any stage of its growth. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 90 cts.

RHUBARB or PIE PLANT

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 ft. apart; the second year after planting plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 ft. apart each way, at least 2 ft. deep.

VICTORIA

In general use for market and home garden. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

RHUBARB ROOTS

Ready from October to May 15. 10 cts. each, \$1.00 per doz.

TOBACCO

Culture—Sow seed as soon as danger of frost is over; use wood ashes on seed bed. Pulverize soil of seed bed thoroughly. When plants are 6 in. high transplant into hills 4 or 5 ft. apart each way, and cultivate frequently. An oz. of seed produces sufficient plants for an acre.

CONNECTICUT SEED LEAF

Grown in all sections of the U. S. and extensively in Connecticut. Broad leaf of medium length. Suitable for cigar fillers. Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.

IMPROVED WHITE BURLEY

The Western favorite, superior to the old variety of Burley. Makes better color; commands higher prices. Pkt. 10 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3.00.

HAVANA

The leaf is very thin and is of fine texture. The variety is much used for cigar wrappers. Pkt. 5 cts., oz. 40 cts., 2 oz. 75 cts., 1/4 lb. \$1.25, lb. \$4.00.

IMPROVED HUBBARD SQUASH

The illustration is a very accurate representation of our Improved or Green Hubbard. Our stock of this variety, which has so long been the leading squash for late fall and winter use, is carefully selected in regard to quality of the flesh and color of the shell and we have found it much superior to that sold as Chicago Wartyed or Warty Hubbard. Fruits are large and heavy, are moderately wartyed and have a very hard shell. Skin is uniformly dark

RED or GOLDEN HUBBARD

Has the shape and virtues of the Hubbard, but earlier and more productive. Color of the skin deep yellow or orange-red. Flesh richer in color than Hubbard, of equal quality. Fine grained and sweet. Cooks dry, a splendid keeper. Desirable market sort. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 35 cts., lb. \$1.25.

EARLIEST WHITE BUSH

Bush or pattypan Squashes are earlier than any other summer variety. Skin is white, and tender when ready for use. Of dwarf, bushy habit, quite hardy, very productive. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.

ITALIAN VEGETABLE MARROW

(Cocozella di Napoli)

The vines are of bush habit and produce large, much elongated fruits, dark green at first but as they mature becoming marbled with yellow and lighter green in stripes. The fruits are in best condition for the table when six to eight inches long, but can be used when somewhat larger. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

One ounce of seed produces 500 plants

TOMATOES

One ounce of seed will produce 3,500 plants, enough for an acre.

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house, in rows 4 to 6 in. apart, ½ in. deep. When the plants are about 2 in. high, transplant to 3 in. pots or into shallow boxes 4 in. apart each way. Transplant in the open ground after all danger of frost is past, 3 to 4 ft. apart each way. Cultivate frequently.



HOLMES' EVERBEARING TOMATOES

HOLMES' EVERBEARING TOMATO

The Earliest, Largest, Most Prolific and Meatiest Red Tomato Grown

Wonderfully prolific new Tomato. Illustration is from a photograph of one stem bearing 17 fine, large fruits, and weighing 7½ lbs. Clusters average 15 fine, large red or scarlet Tomatoes, and the beauty of it is that they all run about the same size, absolutely free from the acidic taste so common in most varieties. Seed-cavities are exceedingly small, we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa. When cut by the frost there is still plenty of green fruit on them. Originator's own stock. Pkt. 15 cts., 2 pkts. 25 cts., ¼ oz. 85 cts., oz. \$3.00, ¼ lb. \$10.00.

Benj. Manning, Ridgewood, N. J.—"The Holmes Everbearing Tomato is the BEST I ever saw."

JOHN BAER

An extra early scarlet fruited variety of superior merit. Vines are very hardy and exceptionally productive. Fruits are the largest of the extra early sorts and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen its first fruits and it continues to furnish marketable fruits much longer than other very early varieties. An invaluable sort for market-gardeners' use. Our seed is grown from originator's stock. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1, lb. \$3.

BONNY BEST

Scarlet-red. Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are always smooth, of remarkable, uniform size and shape. An elegant sort for market and shipping on account of its even size. Well adapted for forcing under glass. Pkt. 5 cts., oz. 25 cts. ¼ lb. 75 cts lb. \$2.75.

SPARKS' EARLIANA

Deep red Tomato. Vines short, close jointed branches. An extra-early Tomato, best so far produced. Very productive. Fruit fair size and firm. In test it ripened fruit in 108 days from date of sowing seed. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.75.

CHALK'S EARLY JEWEL

Second or medium early sort. Later than Earliana. Vines vigorous, productive. Fruit solid, without hard core. Color bright scarlet. A sort having great merit. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.75.

EARLY DETROIT

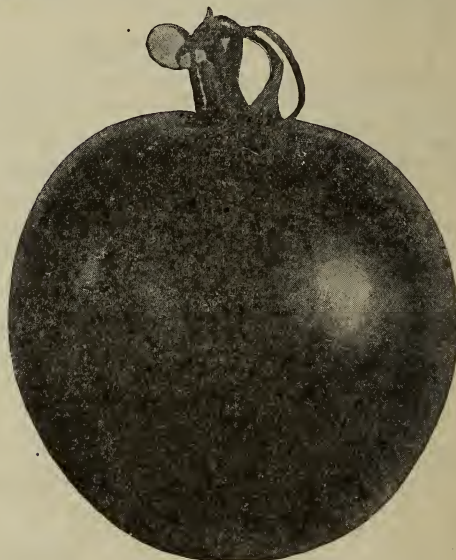
Vines vigorous, productive; fruit round or nearly globe shaped, firm, purplish-pink in color. Ripens with Chalk's Early Jewel, a splendid second early variety. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00.

ACME

Pink purple. Vine hardy and productive. Fruit in clusters of 4 or 5, round, smooth and of good size; flesh solid, excellent flavor, no better variety for market gardeners who want an early purple fruited sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.25.

JUNE PINK

Bright pink. An extra early variety. Fruits run uniform in shape and size, almost round, borne in clusters, fresh, solid and fine. Pkt. 5 cts., oz. 25 cts., ¼ lb. 80 cts., lb. \$3.00.



BONNY BEST

LIVINGSTON'S GLOBE

Second-early Tomato, and is becoming one of the main varieties grown by the leading Tomato-growers because it has never shown any tendency to blight. In shape it is a beautiful globe, which permits a greater number of slices to be made. Always smooth, firm-fleshed and has very few seeds; ripens evenly. Color a fine glossy pink, tinged with purple. Bears fruit in clusters of from 3 to 7; the plants are literally loaded with beautiful Tomatoes. Of special value to all shippers. Valuable variety for forcing under glass. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

PONDEROSA

Purple-crimson. Introduced many years ago, in all that time no Tomato has ever surpassed the genuine Ponderosa in size or delicious meaty flavor. Largest, heaviest Tomato grown. Color is a glowing crimson; shape quite regular considering its size. Fruit ripens early, bears well until very late. Good Tomato for home use. We offer the genuine headquarters stock. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

YELLOW PONDEROSA

Equals the Ponderosa in size but bears rich golden yellow fruits. Golden Ponderosa possesses all qualities that made Red Ponderosa most talked of Tomato throughout the land. Originated as a sport from the Red Ponderosa, comes remarkably true. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10.



MATCHLESS

STONE

Many gardeners and canners will have no other. A large variety, larger than several of the standard kinds cultivated. An immense cropper. Flesh solid, well colored and flavored. Ripens between the early and late varieties, grows vigorously, and no variety holds its size better late in the season. Color of skin glossy, deep red. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

BEAUTY

Vines large, vigorous, heavy bearers; fruit large, uniform in size, very smooth, excellent flavor, color purplish-pink. The best purple sort. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

RED ROCK

Ripens with Stone. Fruit scarlet, round, large, smooth, coloring evenly to stem. Flesh firm, fine flavor. Good producer and shipper. A variety of great merit. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.



LIVINGSTON'S GLOBE TOMATO

DWARF CHAMPION or TREE TOMATO

Purplish pink. Has a stiff, vigorous, upright growth; the fruit is always round, smooth, symmetrical; size medium. A good shipper. Plants may be set 3 ft. apart in rows 4 ft. apart. One of the earliest, most profitable Tomatoes grown. The dark green, wrinkled leaves bespeak a strong type. One of the best of the so-called Tree Tomatoes. A valuable home or market sort. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

MATCHLESS

Cardinal-red. Skin is so tough that it is a splendid keeper and shipper, is less liable to crack in wet weather than any other large Tomato. Fruit is free from core, seed-spaces are small. Leaves are of a rich dark green, very luxuriant, indicating great vigor, giving the plant ability to produce fruit of the largest size throughout the entire season. We can highly recommend it to all our friends, especially to those who are running market-gardens. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

COLOSSAL

Has all the qualities that made the Ponderosa famous. Is just a scarlet fruited Ponderosa, has the same size, solidity of flesh, a rich flavor. It bears enormous crops, a mass of fruits which grow in great clusters, bears right up to frost. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

GOLDEN QUEEN

Bright yellow. Best large yellow Tomato; always smooth, ripens early; quality excellent in all respects, either for slicing or preserving. Queen of all the yellows. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

PEAR-SHAPED RED

Bright red. Fruit small, pear-shaped, about size of a plum. Ripens early. Used for pickling and preserving. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

PEAR-SHAPED YELLOW

Bright yellow. A small early Tomato, similar to Pear-shaped Red, except in color. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

TURNIPS

One ounce to 250 feet of row; one and a half pounds to the acre in drills, or two and a half pounds broadcast

Sow early varieties in April, in drills 12 to 18 in. apart. Cover seed ½ in. and thin out to 4 to 6 in. in the row. Cultivate frequently. For succession, sow at intervals until the last week in May. For fall and winter crop, sow in July or August, in drills or broadcast.



PURPLE-TOP STRAP-LEAF TURNIP

PURPLE-TOP STRAP-LEAF

One of the best table and stock Turnips on the market, being fine grained, never stringy and of mild flavor. Is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. Good cropper and an excellent keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

PURPLE-TOP WHITE GLOBE

A large rapid-growing sort, with globe-shaped roots. Flesh pure white, and the best flavored; the skin is white, with a purple top. On account of its shape it will outyield any other sort. A strictly first-class strain. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

WHITE GLOBE

This great Turnip in rich ground will attain a weight of 12 pounds. Shape of root the same as Red- or Purple-Top White Globe. Skin and flesh pure white; smooth, quick to mature. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

COW HORN

A long white Turnip. Grows to a large size, standing half out of the ground. Is fine-flavored, desirable. Cow Horn Turnip sown in connection with rape is one of the newly recommended things for green manuring purposes. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

EXTRA EARLY WHITE MILAN

This variety is remarkably early. The tops are very small, strap leaved, upright and compact, so that rows can be planted close together. The roots are clear white, very smooth, flat and are of best quality when only about 2 in. in diameter. The flesh is clear white, mild, sweet and tender. Very desirable for early use, especially for forcing. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

WHITE EGG

An early, oval or egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The tops are small with leaves distinctly cut. The flesh is clear white, firm, fine grained and sweet. The roots of this quick growing garden sort when in best condition for use are usually about 2 in. in diameter and about 3½ in. long. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

EXTRA EARLY PURPLE-TOP MILAN

Similar to Extra Early White Milan, except that the roots are a little flatter and an attractive purple-red on the upper portion. Well adapted for forcing. All in all, Milan Turnips leave nothing more to be desired in the way of an extra early garden turnip. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

LARGE AMBER GLOBE

One of the best yellow-fleshed varieties, grown usually for stock feeding. The roots are of large size and of globular shape. The skin is clear yellow except the top which is tinged with green. The flesh is light yellow, fine grained and sweet. The variety keeps well and is a good cropper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

RUTABAGAS or SWEDE TURNIPS

One ounce to 250 ft. of drill; 1½ lbs. to the acre in drills, or 2½ lbs. broadcast

Does best on new land, or light, sandy soil. Sow the seed from the latter part of June until August in drills 15 to 24 in. apart. Cover seed ½ in., and thin out to 6 to 8 in. in the rows. Cultivate frequently. Can be sown broadcast.

The finest, most profitable of all the Swede Turnips, being the hardiest, heaviest, best shaped and most productive. The roots are better keepers than other sorts. The flesh is of a beautiful yellow; of the choicest quality, full of nourishment. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

HERBS

Every kitchen garden should have a few Herbs. They are easily grown and are always pleasant and desirable for flavoring, perfuming and medicinal purposes. Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well-drained garden soil, in rows 12 to 24 in. apart. Cover seed lightly. Thin or transplant to stand 6 to 12 in. apart in the rows. Cultivate frequently.

Herbs marked * are annual; marked † are perennial; marked ‡ are biennial.

	Pkt.	Oz.
*ANISE	\$0.05	\$0.10
†CARAWAY .....	.05	.10
*CORIANDER .....	.05	.10
‡DILL .....	.05	.10
†FENNEL, SWEET .....	.05	.10

	Pkt.	Oz.
†HOREHOUND	\$0.05	\$0.20
†LAVENDER .....	.05	.15
*MARJORAM, SWEET .....	.05	.15
†SAGE ¼ lb. 40 cts., lb. \$1.50 .....	.05	.15
*SUMMER SAVORY .....	.05	.15
†THYME .....	.10	.30
†WINTER SAVORY .....	.05	.20

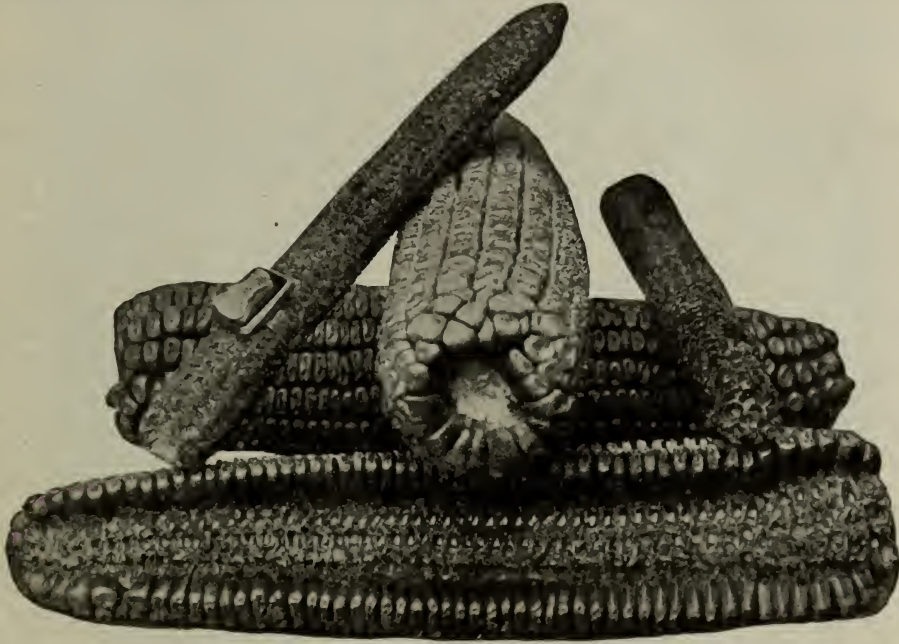
FIELD CORN Eight to ten quarts to the acre,
if planted in hills.

Tested Seed Corn grown in Northern Ohio, carefully selected in the field, consideration being given to the plant, as well as to the ears, trueness to type, uniform maturity, and other essential facts.

IT PAYS TO PLANT TESTED SEED

Statistics show that the average yield of Corn in the United States is only 26 bushels to the acre. That this low average is not caused by poor crops raised in northern districts unsuited to Corn-growing is proved by the fact that the New England states, with their short growing season, yield as great an average crop as any other part of the country. While weather conditions often unfavorably affect the Corn crop, the real responsibility for such a low general average production lies in the practice of planting unselected, inferior seed.

By planting tested sorts any farmer may double his yield, or, in other words, raise the same quantity on one acre as he previously raised on two acres, with a consequent reduction by one-half of the labor of plowing, harrowing, planting, cultivating and harvesting. Pedigree varieties of seed Corn are carefully selected in the field in order to preserve the types, and are carefully dried and stored during the winter in order to preserve their vitality.



Holco Cash Corn—The Best Seed Corn Grown

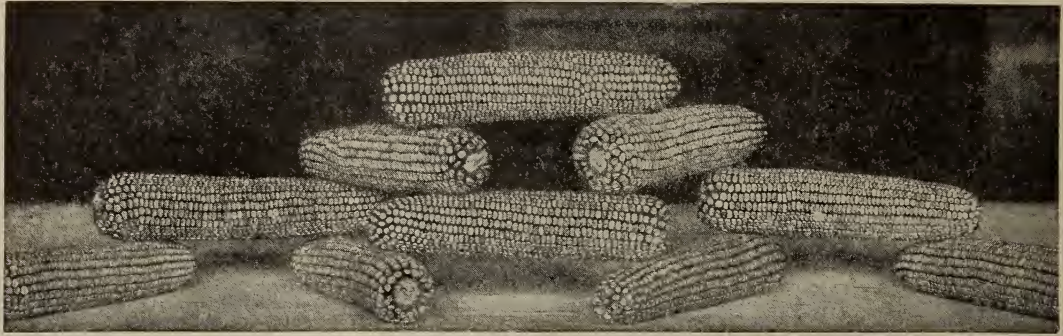
Early to mature and a yielder of finest ears. Cash Corn, deep grained, yellow, the smallest cob of any variety known. The ears are large, well filled at the butt and tip ends, with beautifully formed deep grains. This corn is, without doubt the best feeding corn in existence. Matures in about 80 to 100 days. It certainly is an ideal corn. Everyone will buy it for seed that sees it. It is with a great deal of pride and satisfaction that we offer this new corn to our customers. Our grower has grown it on his own farm for about 10 years, by careful selection he has it as near perfect as any corn we have ever tried. In fact, everyone that sees it, at once recognizes it the ideal corn. 62 lbs. of shelled corn per bushel. 70 lbs. of ears, only 8 lbs. of cob; it is all corn. Your money back if the seed is not satisfactory. Why not give it a trial? Pk. \$1.00, bu. \$3.00. Sample ear 25 cts. postpaid; quart 50 cts. postpaid.

EARLY GOLDEN SURPRISE

90-day Yellow Dent Corn. Large, handsome ears. A heavy yielder. Entirely distinct. Stalks short and strong. Deep-grained. Small cob. A great feeding Corn. Beautiful in its rich golden color, even size from butt to tip of the ear. Profitable in its depth of grain and small percentage of waste in cob. Convenient in its short fodder growth and easy break of ear from the stalk. Certain in its early maturity, and the best early Corn up to date. Qt. 15 cts., pk. 75 cts., bu. \$2.50.

DROUGHTPROOF

Resists drought and scorching heat better than any other variety. Droughtproof originated in Erie Co., Ohio. The largest grain of any Yellow Dent Corn. Brightest color of grain. Fully as early as Leaming. Yield not excelled by any other sort. Strong growth of stalk and handsome ear. An unusual yield of shelled Corn insured by great depth of grain. Its beautiful color, long grains, large ears—taking all points combined, it is the finest yellow Corn ever introduced and each customer who gives it a trial will be fully convinced that it is the best 90- to 100-day Corn ever planted. Droughtproof Corn is excellent, and should be tried by all farmers. It will yield big crops wherever Corn can be grown. We advise all our friends to try it. Qt. 15 cts., pk. 60 cts., bu. \$2.25.



HOLCO SURE CROP— EARLY YELLOW DENT CORN

HOLCO SURE CROP

We are glad to be able to offer this grand early yellow dent corn gross weight to our customers. Holco Sure Crop is an ideal early yellow dent corn, and we do not hesitate to say that it will be one of our leading corn specialties. We feel sure it will be as popular with all corn growers as our Golden Surprise. Matures under favorable weather conditions in 90 to 100 days. Has a strong root growth, which holds it up well during wind storms. The stalks grow to a height of 9 to 10 ft. Ears average 9 to 10½ in. Cob very thin, often producing two large ears to a stalk; the grains, which are long and wide, are of a bright, golden yellow. Is a splendid yielder on light soils, while on rich, fertile soils it is a wonderful cropper, producing an average of 80 to 90 bushels per acre. Holco Sure Crop will grow and produce its crop in any corn growing State in the Union. **Pk. 75 cts., bu. \$2.50, 2 bu. \$4.75, not prepaid.**

PRIDE OF THE NORTH

85-day Yellow. We believe Pride of the North will mature farther north than any other Dent Corn. Strong, hardy, vigorous grower; can be planted thickly and still make good-sized ears. Is excellent for ensilage or fodder. For husking crop it ripens early, dries out quickly and is an all-round, very satisfactory kind. It has a bright red cob, ears medium size, with deep kernels. Many of the stalks have two good ears. Especially adapted for the northern planter, and will make good crops where Dent Corn is planted in Michigan and New York. **Qt. 15 cts., pk. 60 cts., bu. \$2.00, 2 bu. \$3.75.**

WHITE CAP YELLOW DENT

As its name indicates, produces ears of corn that have a white appearance on the outside but the sides of the grains are yellow, and when shelled the grain is yellow. The White Cap here offered makes long ears. This is a marked characteristic of the variety. It does not need an extremely rich soil. It will even do comparatively well on soils counted as not fertile. The ears are not so thick, running from 14 to 20 rows of grains. The grains are of average depth—square rather than pointed in shape. Matures in 100 days. **Qt. 15 cts., pk. 60 cts., bu. \$2.25.**

E. R. Mathie, New Berlin, O.—“The ‘Holco’ Cash Corn is an ‘Ideal’ Corn. I like it very much. It is a corn worth planting. Will have nice seed this year.”

Kirk Wilson, Huron Co., O.—“The ‘Holco’ Cash Seed Corn I raised for you this season out-rivaled all other corn in this section. You certainly have a corn to be proud of. We will start to select stock for next season. Will ship your corn on ears later.”

GOLDEN STANDARD LEAMING

The Leaming Corn was first originated in Ohio in 1826, by M. J. S. Leaming. For cattle, hogs and sheep there is none better. Rich in both protein and oil, it becomes the ideal from a feeder's standpoint. The cob is more readily crushed and masticated by cattle than most varieties. For the dairy districts, for ensilage purposes, Golden Standard Leaming is unsurpassed. Possessed of an abundance of foliage, with broad, fine-quality leaves and heavy stalk, 12 to 15 tons of ensilage to the acre is an average yield. While this Corn is recognized by all as the great ensilage and feeding Corn, it is also a big yielder under modern methods of selection and breeding. The ears are of a fine quality and the stalks and broad foliage are very succulent. It is of a rich yellow color and requires 110 to 115 days to fully mature. **Qt. 15 cts., pk. 75 cts., bu. \$2, 2 bu. \$3.75.**

REID'S YELLOW DENT

The most popular Yellow Dent Corn in the Great Central Corn Belt. Does equally as well in Ohio as it does in Illinois. For a number of years past Reid's Yellow Dent has been one of the most popular varieties of the Middle West. It is a true Dent Corn, color a beautiful golden yellow, with one of the smallest cobs for size of ear of any yellow Corn. Ears are frequently 10 to 11 in. long, 7 to 8 in. in circumference. Is easily shelled, matures its crop under favorable conditions in about 110 days. It undoubtedly has taken more prizes at the Illinois State Fair and other great Corn shows in various parts of the country than any other variety. **Qt. 15 cts., pk. 60 cts., bu. \$2.25, 2 bu. \$4.25.**

LONGFELLOW

A large, eight-rowed yellow Flint variety, well adapted for the northern states. The ears are long, some of them measuring 15 in., and oftentimes two or more good specimens grow on one stalk. Grain long, broad and yellow. The cob is quite small. **Qt. 15 cts., pk. 60 cts., bu. \$2.25.**

C. L. Schlott, Louisville, O., stated that he planted Golden Surprise Corn June 3; ripened in good time to put into crib. Was well pleased.

HOLCO FAMOUS TESTED SOUTHERN ENSILAGE CORN



FIELD OF BLUE RIDGE ENSILAGE CORN GROWN IN PENNSYLVANIA

Holco Blue Ridge Ensilage Corn

**EARLIEST — GROWS TALLEST — HAS THE MOST
LEAVES — GREATEST NUMBER OF EARS**

You want corn that will fill up your silo in a hurry, this is the corn you want.

An extra fine strain of Southern Ensilage Corn, selected for earliness, largest yielding ensilage corn in cultivation.

It grows tall, attaining a height of twelve to sixteen feet; is prolific in its nature, having from two to four ears to the stalk, makes a heavy, thick growth of fodder, and is altogether in our opinion and those who grew it this past season the best and most productive of all Ensilage Corns.

"Holco" Blue Ridge Ensilage is grown especially for us by a specialist and selected in the fall and properly taken care of; shelled and graded. Pk., 75 cts.; bu., \$2.50; larger lots write for prices.

"OLD VIRGINIA" ENSILAGE CORN

is one of the most popular and satisfactory of ensilage corns, making a very large growth of thick, succulent fodder. Pk. 50 cts.; bu. \$1.75; 5 bu. lots \$1.70 per bu.

EUREKA ENSILAGE CORN

Grows very tall, leafy, short-grained, but one of the most productive, both in growth of fodder and grain, of any of the standard varieties. Originated in Virginia, and is Virginia-raised corn. Qt. 20 cts., pk. 75 cts., bu. \$2.50.

SWEET FODDER CORN

Best for cutting and feeding green during the summer months. This is better than any field Corn, from the fact that it is so very sweet and nutritious that cattle will eat every part of the stalk and leaves with relish. Drill thickly, in rows 3 ft. apart, using 1½ bu. of seed to the acre. Pk. 75 cts., bu. \$3.00.

ALFALFA or LUCERNE THE GREATEST FORAGE PLANT IN THE WORLD

“There is no state in the Union in which Alfalfa cannot be successfully grown.”—U. S. DEPARTMENT OF AGRICULTURE



ALFALFA

Full cultural instructions will be found in our new Booklet “ALFALFA.” Sent free to all who ask.

WRITE FOR LOWEST PRICES AND SAMPLES

Alfalfa is a true leguminous plant, and a perennial, staying on the land for many years. It sends down its long, tap roots into the subsoil, whatever depth that may be—5, 10 and 20 ft., and utilizes the plant foods contained therein.

Montana Dry Land is the BEST ALFALFA SEED IN THE WORLD. Montana alfalfa is the hardiest in the world, being successfully grown in coldest and driest parts of the United States, in Canada, Alaska and Russia. Montana Dry Land seed is of high germinating power and brings a premium in all markets. It is hardy because the fields are annually subjected to extremes of heat, cold and drought. For these reasons Montana Dry Land is the BEST.

Prof. C. B. Waldron of Fargo says: “The well-known hardiness of alfalfa makes it especially suited for growing in the northwest, though the possibility of succeeding with Montana-grown seed has also been thoroughly demonstrated.”

We think this statement is sufficient proof of the claims we have made. We will be pleased to mail samples of our seed; is free from quack grass, buckhorn, Canada thistle, fan weed, wild oats, mustard or dodder. As a hay producer it surely has no equal when once established, as from 3 to 4 cuttings may be had in a season, according to conditions, totaling 4 to 6 tons per acre.

Alfalfa naturally prefers a rich, loose limestone soil with a porous subsoil; but it also grows and thrives on a variety of soils, and in many different climates. Briefly, there are three essentials—the land must be drained if wet, it must be sweetened with lime if acid, and there must be humus and nitrogen in the soil, which may be easily supplied by barnyard manures, or green crops plowed under. When lime is not present in the soil, it must be supplied, the amount used being 2 tons of limestone per acre.

The crop should be cut when new plants start at the crowns. The time to sow in the North and Eastern States is early spring or August, 20 to 30 lbs. per acre if broadcasted, or 15 to 20 lbs. if drilled in; in the South sow in February or Sept.

Montana-grown seed is scarce this year so if you want any of this seed let us have your order at once as it is going fast.

HOLCO WHITE SWEET CLOVER
(SCARIFIED SEED)

The Most Remarkable Forage Plant in the World.

We would like to call your attention personally to the merits of sweet clover for pasture, hay and soil improvement; and to the advisability of sowing some of it this summer or fall, on stubble land after grain harvest, with fall sowing of grain, in corn at last cultivation or sowing alone. With seed treated on an Ames Scarifier, excellent results are obtained by sowing in summer or early fall, and 10 pounds of treated seed per acre will give a good uniform stand.

Sweet Clover is coming into its own. Instead of being the despised roadside weed that it once was, it is now being planted extensively, as few plants grow better in heavy clay soil, alkali ground and many other places where the ordinary grasses cannot exist.

Sweet Clover will provide more feed per acre than any other form of Grass.

One farmer declares that five acres of Sweet Clover carried more stock than forty acres of Timothy and Clover would.

Another farmer has a sixteen-acre tract of Sweet Clover which has pastured an average of two mature animals to the acre, or thirty-two animals all summer. Besides this, he cut several good loads of hay from one corner of the field where the clover grew most rank.

Sweet Clover stands drought well and does not cause stock to bloat.

Our seed is cheaper this season than usual, affording a good opportunity to get a start with this crop and to give it a trial. Lb. 25 cts., postpaid.

WRITE FOR PRICES ON LARGER LOTS

HOLCO QUALITY ASSURANCE

Seed of outstanding purity and strongest vital energy is ever our aim. We have advocated purity in seeds. We know and we realize how far-reaching is the result from the quality of the seed used. Each year we have profited by the past season's experience.

We have taken advantage of every new-growing latitude, every new-cleaning device of merit we utilize, until today every pound of Clover we sell has an analyzed purity and known vitality. Our reputation for Integrity is a guarantee that if it comes from Holmes-Letherman you have the best that money can buy.

The Clover Seed we handle is grown in this country and is the hardiest and purest obtainable; we sell no foreign clover and our seed is singularly free from the dangerous weeds so common in clover grown elsewhere.

We handle one grade, that is the BEST. "Holco" Medium Red Clover, test 99% and better.

Prices of Clover subject to change. Write for prices and sample.

HOLCO MEDIUM RED CLOVER

Is by far the most important Clover for our country. It lives two years; grows about two feet high; makes two crops a year, yielding about three tons of cured hay per acre. Clover hay is very nutritious, stock fed on it requiring less grain. For soiling crops it is much used and is very valuable for green manuring, adding humus and nitrogen to the soil and thereby providing rich food for the crops which follow, and saving the cost of fertilizers or the expenses of using farm manure. It does well on a great variety of soils and it thrives most luxuriantly on strong, well-drained loams. In the Northern States Red Clover is mostly sown in the spring, as early as possible.

HOLCO ALSIKE CLOVER

Alsike fills a place in agriculture of such magnitude that its possibilities are almost beyond comprehension, particularly to the farmer with large numbers of live stock.

In Ohio only the hardiest, vigorous, truest perennial clover should constitute the clover field or permanent pasture mixture.

SOIL. This Clover prefers damp, moist, loamy soil, but it will also grow fairly well on stiff clays. Here in Ohio it is mostly grown on bottom lands and quite often mixed with Timothy. Both varieties seem to be well adapted for this soil and they ripen at the same time.

Alsike does well if sown under cover of grains and can be sown in spring as well as in fall. We would advise customers to sow Alsike or some other Clover with every acre of small grain that is planted, as in the experiments conducted by the Minnesota Experiment Station, it has been shown that the sowing of Clover with small grain increases the yield of the grain by several bushels.

Alsike is also one of the best honey-producing plants that can be grown. Write for prices.

Mammoth or Sapling Clover

Similar to Red Clover in appearance of seed and habit of growth. As a soil-producer to plow under, it is considered superior on account of its extra growth, and when sown for hay produces very large crops. A good variety for thin soils. Sow 10 to 12 lbs. to the acre, when sown alone; when sown with timothy, use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. Fancy seed. Lb. 25 cts., 3 lbs. 65 cts., postpaid. For larger quantities write for prices.

Crimson or Scarlet Clover

It is equal to any Clover for hay, comes some earlier in the spring than any other. As valuable as Red Clover to plow under, yet it may be sown among growing corn at the last cultivating, and be ready to plow under in time to put another corn crop on the same ground the very next year. Sow 15 lbs. to the acre. Lb. 25 cts., 3 lbs. 65 cts. Price per bushel on application.

White Dutch Clover

Lb. 60 cts.

John Cullen, Route 6, Canton, O.—"Your Clover Seed was certainly clean and grew fine."

SOY or SOJA BEANS

NORTHERN GROWN

There is no better forage for cattle, horses, and hogs than Soja-bean hay. The stock like it and thrive on it. Soja-bean hay is rich in protein. A good crop of Soja Beans for seed pays big returns. Ground Soja Beans make richer feed than cottonseed meal. Soja-bean straw is relished by stock, so that a valuable quantity of forage is secured even when you grow Soja Beans for seed.

The best thing about Soja Beans is their effect upon the soil. Nitrogen is deposited in abundance, while the roots form humus. If you have a poor patch of ground in which you would like to inject new life, put in Soja Beans. It would pay big returns to turn the crop under as green manure.

FOR HAY. When the ground is thoroughly warm, drill Soja Beans solid, 1½ to 2 bushels per acre. Barely cover. Using the oats feed.

The hay crop should be harvested about the latter part of August and the cutting should be done in the afternoon, as the sap is down more at that time. The hay should be tedded each morning while dew is on until dry.

FOR SEED. Make rows 28 in. apart. Plant shallow, 30 lbs. per acre, after corn is well up. Cultivate two or three times.

McQUEEN EXTRA HIGH YIELDERS

This is extra high yielding bean. Excellent for seed or hay. Does well on any soil. Stands poor soil as good as any and will mature anywhere in Ohio. There is no bean to compare with it for yield of seed. Matures in 100 days.

Write for lowest prices.

EARLY MEDIUM YELLOW

Matures in about 115 days from planting. It averages about 30 in. high and is best for hay and seed. This bean is also known as Mungel, and Hollybrook.

Write for lowest prices.

WILSON or PEKIN BLACK

This is a small, flat, black bean, matures in about 115 days and does fairly well in this locality, both for hay and seed.

Write for lowest prices.

SUDAN GRASS NEW DROUGHT-RESISTING FORAGE PLANT

This wonderful drought-resisting annual was introduced into this country some 4 or 5 years ago by the United States Department of Agriculture from Sudan in Egypt. There are only a few locations that ever have hay sufficient for their stock. It is the most prolific hay crop known. Seeds are better than oats for all kinds of stock. It will grow on worn-out land when put in a good state of cultivation. It is a great drought resistant. There is no deception in Sudan, it will do what we claim for it. Sudan without doubt has solved the hay problem, for the reason it readily grows in all sections of the country and gives, possibly, a larger yield by double, with a feeding value equal to alfalfa. Stock prefer it to any other forage. Plant Sudan Grass as early as possible, avoiding frost. Plant in rows 36 in. apart, drop seed 14 to 16 in. apart. Cultivate same as you would maize or sorghum. If you want seed, it requires 90 days to mature seed. Cut and thresh, use your own judgment as to when cured. If for hay, cut after 60 days and the second crop is ready for harvesting in 30 days from the first cutting, and so on until the end of the season. To sow broadcast it requires from 15 to 20 lbs. to the acre. Like sorghum crops, it must be planted each spring and dies when the first frost comes. It requires 1 to 1½ lbs. to the acre planted in rows. It yields from 4 to 7 tons of hay and 600 to 1,200 lbs. of seed to the acre. It is easily cured and handled; it readily grows in all sections of the country and has proved a great success in every section. Per lb. 25 cts., 10 lbs. \$2.00. For larger lots enquire for prices.

McQUEEN'S INOCULATOR

To inoculate your Alfalfa, Clovers, Soy Beans, Vetches and all other legume crops. Small cost; large returns; easy to use; no labor expense. Increase your crops. Improve your soil.

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

Be sure to specify the particular legume on which you desire to use the McQUEEN'S CULTURES, otherwise we will not know how to fill your order.

McQUEEN'S CULTURES are supplied for the varieties of legumes listed at the following prices: 5-acre size \$4.00, 1-acre size \$1.00, garden size (¼ acre) 50 cts. (These prices include delivery.)

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield and at the same time increase the nitrates and enrich and renovate your soil by Nature's own method?

FREE DESCRIPTIVE LITERATURE SENT UPON REQUEST

BARLEY

Sow 1½ to 2 bu. if drilled; 2 to 2½ bu. broadcast.

BEARDLESS

Productive and best variety; ripens early, with strong, stiff straw; free from beards. Pk. 50 cts., bu. (48 lbs.) \$1.50.

TRIUMPH

A distinct-bearded, six-rowed variety. Free from smut; straw stiff and erect. No Barley can approach it in yield. Pk. 50 cts., bu. (48 lbs.) \$1.60.

RYE

Sow 1 bu. to the acre.

SPRING

Bu. 48 lbs. Straw shorter and stiffer than the winter variety, and always easily secured. 3 lbs. 50 cts., pk. 75 cts. For larger quantities, inquire for prices.

FALL or WINTER

Valuable for soiling and as a cover-crop and for use as green manure. Good drainage is very important. 3 lbs. 50 cts., pk. 75 cts. For larger quantities inquire for prices.

SUGAR CANE or SORGHUM

For forage sow broadcast 1 bu. per acre. For syrup use about 1 pk. to the acre.

Dairymen and stock raisers have recognized the high economic value of thickly-sown Sorghum as a summer food for milch cows. Cultivate same as corn.

EARLY GEM

A strong grower and will outyield any other Sorghum. Lb. 20 cts., pk. 85 cts., bu. (50 lbs.) \$3.00.

MILLETS

HUNGARIAN GRASS

Valuable soiling plants. May be sown as late as 1st of July, and produce a large, green crop. One bushel to the acre. Bushel, 48 lbs. Lb. 20 cts.

GERMAN or GOLDEN MILLET

Medium early forage plant, prolific in stalk and grain; 38 lbs. per acre. Bushel, 50 lbs. Lb. 20 cts.

JAPANESE BARNYARD MILLET

Enormously productive, yielding from 4 to 6 tons of cured forage per acre, on rich soils; 6 to 8 ft. in height. Sow in May. Broadcast, 10 to 15 lbs. per acre or in drills, 8 lbs. per acre. Thirty pounds per bushel. Lb. 20 cts.

COW-PEAS

Inquire for varieties and prices.



BEARDLESS BARLEY

crop. Use 2 bu. to the acre broadcast or 1 bu. in drills. Lb. 20 cts., pk. \$3.00, bu. of 60 lbs. write for prices.

VETCH

Sow 1 bu. of seed to the acre, together with 1 bu. of rye.

SAND or WINTER VETCH
(*Vicia villosa*.)

Noted for extreme hardiness. As a winter crop to prevent leaching as well as for forage and fertilizing purposes is one of the best. Succeeds on soils of the lowest fertility. Best legume for sandy soils. Remains green all winter, furnishing abundant pasture. Crop may be sown either from the middle of Aug. to the middle of Sept., or in the spring from the middle of April to the middle of May. If sown in the fall it should be mixed with Mammoth Red Clover or Rye, to serve as a support to the vines, thus keeping the forage off the ground. If sown in the spring it may be mixed with oats or barley. Fall sown crops furnish some forage before winter comes and as the growth starts very early in the spring it can be pastured, cut as hay or plow under to renovate the soil. Sand Vetch has a great value, as it is excellent for pasture, hay crop, the greatest enricher, as well as being highly recommended as a cover

CANADA FIELD PEAS

Sow 1 to 1½ bu. per acre.

One of the very best soiling crops at the North. Makes good ensilage, an admirable food, either green or dry, for cattle, being highly nutritious and rich in milk-producing elements. Sow early in the spring, and will be ready to cut in May or June. Qt. 20 cts., pk. 75 cts. Ask for bu. price.

DWARF ESSEX RAPE

Sow 3 lbs. per acre in drills, or 5 lbs. per acre broadcast.

This is the best autumn sheep-forage known, and is also used for pigs and dairy cows with success and profit. Ready for pasturage in 6 weeks from the time of sowing. The seed should be sown in May for mid-summer pasturage; or any time before the end of August for autumn pasturage. Lb. 15 cts., 25 lbs. \$2.25, bu. (60 lbs.) \$7.50. For larger quantities inquire for prices.

BIRD SEEDS

Prices by mail or express, prepaid.

Canary ...Lb. 15c.; 3 Lbs. 40c. Millet ...Lb. 10c.; 3 Lbs. 25c.
HempLb. 15c.; 3 Lbs. 40c. Lettuce ..Lb. 35c.
RapeLb. 15c.; 3 Lbs. 40c.

Mixed Bird Seeds, Lb. 15c.; 3 Lbs. 40c.

PRICES ON FIELD SEEDS SUBJECT TO MARKET CHANGES. WRITE FOR PRICES BEFORE BUYING

FLOWER SEED NOVELTIES and SPECIALTIES



ASTER LADY ROOSEVELT—(Gorgeous Pink)

ASTER LADY ROOSEVELT

A Chrysanthemum Aster
Gorgeous Pink of Marvelous
Beauty

The robust plants produce stout stems invariably 40 inches long, crowned with gigantic flowers. The seed we offer is selected from original specimens and then reselected; so it must give absolute satisfaction. Per pkt. 15 cts., 2 large pkts. 25 cts., ¼ oz. \$1.25.

ASTER AUTUMN GLORY

Very Late Branching. Pure
Sea-Shell Pink

This new variety is very similar in color to the well-known Semple's Pink, with which almost every Aster grower is well acquainted. The flower is better and more substantial and of deeper color, which is retained, while most of the other varieties of the same shade have a tendency to fade. The plants are of larger and stronger type and of true branching habit. It is particularly valuable in producing exquisite flowers when the others are depreciating. The blooms are very double and the stems of unusual length. Pkt. 20 cts., 2 pkts. 35 cts.

NEW RED ASTER "SENSATION"

72. Reddest of all Red Asters, color being a rich garnet which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 in. high; the very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut; and makes a very brilliant bit of color in a bed or border. Pkt. 10 cts., 3 pkts. 25 cts.

PURITY ASTER

A pure white Aster of great beauty. Plant is of a most symmetrical habit, usually attaining a height of about 18 to 20 inches, and completely loaded with globe shaped, double flowers, averaging 2 to 3 inches in diameter and very full to the center. Excellent for bedding or for pot plants, and much used by florists for designs. Pkt. 10 cts., 3 pkts. 25 cts.

DAYBREAK ASTER

84. Identical with Purity, being of same regular habits of growth. The flowers being of an exquisite shade of light pink tint instead of white. Pkt. 10 cts., 3 pkts. 25 cts.

WHITE BEAUTY ASTER

One of the finest white Asters for Mid-summer cultivation. The plants are extremely strong growing, producing from ten to twelve large flowers, usually measuring 4 inches in diameter and of a fine form. The flower when first opened is strongly whorled, the petals being broad and somewhat folded lengthwise, usually making them appear narrow; the outer rows are straight, while the center still retains the whorled effect. Pkt. 15 cts., 2 pkts. 25 cts.

ROYAL ASTERS

Royal are a new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The peculiar shape of the petal gives an effect of shading that enhances the beauty of the color. The flower has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. In season they are earlier than Branching Asters, remaining in bloom a long time. Royal White, Royal Lavender, Rose, Royal Shell Pink, Royal Purple. Separate colors, or mixed colors, each, pkt. 10 cts.

Mrs. W. C. Green, Glenardene, New Berlin Rd., Oct. 24, 1916.—"The 'Holco' Giant Pansy was a great success. All of the seed seemed to grow, as I had pansy plants to give away by the dozens. They bloomed all summer and are at present date with quite a few flowers."



GIANT ZINNIA GRANDIFLORA ROBUSTA

COSMOS, Lady Lenox, Pure White

330. A new color of the beautiful Lady Lenox Cosmos, having the same good characteristics as the pink variety, producing large, delicate blooms which measure from four to five inches across, borne on long, graceful stems. Plants grow from six to seven feet tall. Both varieties are excellent for late flowers for bouquet or table use. Pkt. 10 cts., 3 pkts. 25 cts.

RED SUNFLOWER

535. For countless thousands of years Sunflowers of all kinds have brightened earth with flowers of golden yellow. And now nature has suddenly given us a Sunflower with blossoms of a beautiful chestnut red. As easily grown as any of the common Sunflowers. The flowers vary in color from a rich chestnut red, to red variously bordered or tipped with yellow. A striking novelty in the gardens, and the gorgeous, long-stemmed blooms are beautiful and lasting as cut flowers. Pkt. 10 cts., 3 pkts. 25 cts.

Pansies Holco Giant-Fancy

These largest and most beautiful of all blotched Pansies have been developed after years of close selection by a skilled market grower who raises no other strain than this, which he has improved to such a wonderful degree. The well-formed expanded flowers are uniformly of the largest size; they are borne upon long, stiff stems well above the heavy deep-green foliage. Of varied ground colors, such as white, cream, yellow, deep orange, mahogany, claret, rose, reddish bronze, lavender, and light blue, each petal is beautifully blotched. The compact rounded plants are of sturdy habit, and so deep rooted that they bear the gigantic flowers continuously. The seed necessarily is very expensive, but well worth all it costs! Pkt. 20 cts., 3 pkts. 50 cts.

J. F. Hammar, Nashua, N. H.—“Pansy seed I bought of you last February came up fine. I was well pleased.”

GIANT ZINNIA Grandiflora Robusta

Previously we have only been able to offer this mammoth Zinnia in three colors, while this season we can supply this choice strain in eight separate colors. Zinnia grandiflora robusta plenissima has produced excellent results to hundreds of customers who have grown it with great success. The plants are of exceedingly robust habit. The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and, together with their immense size, produce a very marked effect. The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors cannot but make a valued addition to our already standard varieties. White, Violet, Golden Yellow, Flesh Color, Scarlet, Crimson, Purple. Pkt. 15 cts., seven pkts., one of each color, 85 cts.

Dimorphotheca aurantiaco (African Golden Daisy)

425. This is by far one of the best introductions in recent years. The plants are of branching habit, growing about 15 inches high; the flowers are a rich golden orange with a dark center. Being an annual, it is easily cultivated and will give a magnificent display all summer. Very highly recommended. Pkt. 10 cts., 3 pkts. 25 cts.

CARDINAL CLIMBER

(Ipomoea Quamoclit hybrida)

203. Considered one of the most brilliant and distinct annual climbers introduced. Rapid grower, often attaining the height of 30 feet or more. The deeply lacinated, fern-like foliage and fiery cardinal-red flowers are borne in profusion from July to frost. The flowers are about 1½ inches in diameter and are borne in clusters of five to seven blooms. Seed may be sown indoors during April, but it is best to wait for warm weather and sow outdoors in a sunny position. Soaking the seeds in warm water before planting hastens germination. Pkt. 15 cts., 2 pkts. 25 cts.



The Smallest Flower—Diameter Three Inches

HOLCO QUALITY FRESH TESTED FLOWER SEEDS

Our flower seeds comprise all varieties of real merit. We spare no trouble or expense to supply only such varieties and strains that will give the best satisfaction.

ANNUALS attain full growth from seed, flower and die in one year.

BIENNIALS grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

PERENNIALS last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

For an order of Flower Seeds amounting to 50 cts., select packets to the amount of 70 cts.; for \$1, select packets to the amount of \$1.35.



ANTIRRHINUM (SNAPDRAGON)

(Annual) Bloom first season if sown early, and make a fine display during the entire season. Form showy beds, whilst the tall varieties form elegant, showy masses of color in the border. The semi-dwarf varieties are nice as potplants.

ACROLINIUM (Everlasting Flower)

An annual "Everlasting," growing about 15 in. high, bearing white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. Nice to grow in a mixed border aside from its use as an everlasting.

25. Mixed. Pkt. 5 cts., 1/4 oz. 15 cts.

AGERATUM HHA (Floss Flower)

Used for borders, ribbon lines, etc. Blooms the entire summer. Sow early for best results.

28. BLUE PERFECTION. Dwarf, large, deep blue flowers, fine foliage; fine for edging flower-beds or walks. Pkt. 10 cts., 1/4 oz. 30 cts.

30. LITTLE DORRIT. Dwarf and spreading in habit. Flowers azure-blue. Pkt. 5 cts., 1/4 oz. 30 cts.,

31. PRINCESS VICTORIA LOUISE. Dwarf and compact habit; flowers blue with white center. Pkt. 10 cts., 1/4 oz. 30 cts.

32. WHITE DORRIT. Dwarf and free-flowering; large pure white flowers. Pkt. 5 cts., 1/4 oz. 25 cts.

ALYSSUM

Annuals and perennials that are favorites for cutting for bouquets, as well as for edging, boxes, baskets, etc.

35. LITTLE DORRIT. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges. Pkt. 5 cts., large pkt. 10 cts., 1/4 oz. 30 cts.

36. CARPET OF SNOW. Only a few in. high; of a spreading habit. Pkt. 10 cts., 1/4 oz. 30 cts.

37. SWEET ALYSSUM. A. Of trailing habit; flowers white. Pkt. 5 cts., per oz. 25 cts.

39. SAXATILE COMPACTUM. Hardy perennial. Dwarf and bushy; masses of pale yellow flowers. 1 ft. Pkt. 5 cts., 1/4 oz. 30 cts.

AMARANTHUS

Tender, decorative annuals useful for border plants, centers of beds and among shrubbery. Strong growers, should have 2 to 3 ft. space for each plant. Height 2 to 3 in.

40. CAUDATUS (Love-Lies-Bleeding). Blood-red; drooping racemes. Pkt. 5 cts.

41. TRI-COLOR (Joseph's Coat). Foliage scarlet, yellow and green. Pkt. 10 cts.

TALL GIANT-FLOWERING. Splendid luxuriant growers 2 to 3 feet in height—with long spikes of immense flowers—very graceful and beautiful cut for vases.

53. NEW ANTIRRHINUM, SILVER PINK. This delightful Snapdragon has been largely grown in greenhouses during the winter months for florists and gardeners throughout the United States. A splendid half-high sort with flowers of delicate silver-pink. Pkt. \$1.

	Pkt.
44. Giant Yellow	\$0.10
45. Giant Scarlet .....	.10
46. Giant Venus .....	.10
47. Giant Victoria .....	.10
48. Giant White .....	.10
49. Giant Pink .....	.10
51. Giant Striped .....	.10
Collection of a packet each of the above 7 colors .....	.50
50. Giant Mixed. A splendid mixture, containing all the colors; 1/4 oz. 25 cts. ....	.10

Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 in. high, the best for bedding purposes.

43. NELROSE. Coral pink. First of the perpetual-flowering race. Winner of many medals and awards. Good for both greenhouse and bedding. Pkt. 15 cts., large pkt. 25 cts.

	Pkt.
52. Pink Gem. Pink	\$0.10
55. Striped .....	.10
56. Golden Queen. Rich, pure yellow .....	.10
54. Phelp White. Pure white .....	.10
Collection of above 4 sorts .....	.30
62. Half-Dwarf Mixed. All the colors. 1/4 oz. 25 cts. ....	.10

FLOWER SEEDS ARE DELIVERED FREE TO ANY POSTOFFICE



LAVENDER GEM ASTER

75. Is always full double, most beautiful shade of lavender yet to be found among early asters of the Comet type. Flowers first present a delicate shade which deepens with age; are borne on strong stems of good length. More popular every year. Pkt. 10 cts., 1/8 oz. 35 cts.

WHITE FLEECE ASTER

74. One of the largest, most perfect of the early flowering Comet type, bearing flowers 5 in. to 6 in. across, formed into a plummy globe of glistening white; blooms at the same time as Lavender Gem, making a splendid companion. Pkt. 10 cts., 1/8 oz. 35 cts.

CREGO GIANT COMET ASTERS

We consider the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 in. and over in dia., as fine as any Chrysanthemum. When cut will keep in good condition longer than any other of this type. 98, White; 100, Shell Pink; 101, Purple; 102, Mixed. Separate or mixed colors, each, pkt. 10 cts., 1/8 oz. 30 cts.

ASTERMUM ASTERS

A giant Comet mid-season variety of recent introduction. The plants grow about 2 ft. high with long strong stems, come in bloom a little earlier than Crego's Giant type. Few of the flowers run under 5 in. across. 89, White; 90, Lavender; 91, Pink; 92, Mixed. Separate colors or mixed colors, each, pkt. 10 cts., 1/8 oz. 35 cts.



CREGO GIANT COMET

HOLCO AMERICAN ASTERS

Are all of American origin, our seed is the best possible to produce. No other flower which combines so much beauty, with which more brilliant effects can be achieved. From July till Sept. this flower reigns supreme in the garden. The strains we offer are grown under our own supervision by specialists in this country. To have early flowers sow seed in the house from March till May; otherwise sow out doors after danger of frost is over. Asters require well pulverized soil, do not be afraid to cultivate.

VICK'S ENCHANTRESS PINK ASTER

Upright in habit, as distinguished from the branching form. The plant is very vigorous, and produces long, strong stems for the support of numerous large exhibition blooms. The flower is always full-double; petals are of medium length and very broad; those toward the center fold in very regularly, while gradually, toward the outer edge, the petals stand out more and more until those on the outside recede from the center, thus increasing the diameter of the flower, which compares very favorably in size with the largest-flowering kinds on our farm. Color similar to that of the Enchantress Carnation; flowers late. Pkt. 10 cts., 3 pkts. 25 cts.

PEERLESS PINK ASTER

71. Conceded the finest pink late-branching Aster ever offered. Plants are robust, free-branching habit, hard to find a flower under 4 in. across, many measure 5 in. by 2 1/2 in. in depth, forming an almost globular flower. Color is a rich shell-pink, comes into bloom about the middle of Aug., being at its best during the early part of Sept. Pkt. 10 cts., 3 pkts. 25 cts.

SEMPLER'S IMPROVED LATE BRANCHING ASTER

Finest late Aster we can recommend. Deep, heavy incurved flowers are borne on rigid stems often 2 ft. and more in length. Colors are superb, can be used to advantage as a cut flower. Come into bloom 2 to 3 weeks after the average type, usually being at their best during September. 93, Crimson; 95, Pink; 96, Lavender; 97, Mixed. Separate or mixed colors, each, pkt. 10 cts., 1/4 oz. 50 cts.

KING ASTER

KING ASTERS form a distinct class or type, have many sterling qualities to recommend them to lovers of fine asters. They are strong, sturdy habit, growing fully 18 in. high, bear from Aug. to Oct. very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. 78, White King; 79, Rose King; 80, Pink King; 81, Violet King; 82, Crimson King; 83, Mixed. Separate colors or mixed colors, each, Pkt. 10 cts., 1/8 oz. 50 cts.

QUEEN OF THE MARKET ASTER

A first-class flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 ft. 108, White; 109, Flesh-Pink; 111, Crimson; 112, Lavender; 113, Purple; 114, Mixed. Separate colors or mixed colors, each, pkt. 5 cts., 1/4 oz. 50 cts.

AQUILEGIA (Columbine)

No hardy plant grown from seed is more easily handled than the Columbine. General favorites for borders. Will also do well under shade of trees. Among the earliest flowering perennials, easily grown. 1½ to 2 ft. average height.

116. **CAERULEA (Rocky Mountain Columbine).** Flowers large, petals white, sepals deep blue, spurs very long. Pkt. 10 cts., ¼ oz. 25 cts.

117. **ROSE PINK.** Beautiful color. Pkt. 10 cts.

118. **LONG-SPURRED HYBRIDS.** All shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. Plants are vigorous and stately in growth, producing abundantly large, elegantly shaped flowers with long spurs, borne well above the pale green foliage. Pkt. 10 cts., ¼ oz. 50 cts.

119. **DOUBLE.** All colors mixed. Pkt. 5 cts., oz. 50 cts.

BACHELOR'S BUTTON—See Centaurea



BALLOON VINE

BABY'S BREATH—See Gyphophila

120. **BALLOON VINE (Love in a puff)**

A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. Pkt. 5 cts., oz. 25 cts.

BALSAM (LADY'S SLIPPER) A.

IMPATIENS BALSAMINA

An old favorite garden flower, producing gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture, succeeds in a good, rich soil; tender annuals; 2 ft. Start the seed indoors in April or sow out of doors in May. They should not be closer than 18 in. apart.

125. **CAMELIA FLOWERED MIXED.** Finest mixed. Pkt. 5 cts., ¼ oz. 25 cts.

BEAN (Runner) A.

A rapid climber, flowering profusely. Grows 10 to 15 ft. high.

128. **SCARLET RUNNER.** Pkt. 5 cts., ¼ lb. 15 cts.

129. **BUTTERFLY RUNNER BEAN (Papilio).** New variety with large flowers, white, salmon and rose-color. Pods are of excellent quality. Very showy. Pkt. 5 cts., oz. 15 cts.

BELLIS (English Daisy) HP.

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well in the summer. Easily raised from seed, which may be sown at any time from spring till Aug. For best results, new plants should be raised from seed each year.

140. **MONSTROSA WHITE.** Flowers very double, of immense size, 2 to 3 in. across and borne on long, strong stems. Pkt. 15 cts., 2 pkts. 25 cts.

141. **MONSTROSA ROSE.** Same description as white. Pkt. 15 cts., 2 pkts. 25 cts.

142. **GIANT LONGFELLOW.** Large, double, rose-colored flowers. Pkt. 10 cts., ¼ oz. 50 cts.

143. **GIANT SNOWBALL.** Large; perfect double; white. Pkt. 10 cts., ¼ oz. 50 cts.

146. **GIANT MIXED.** A fine mixture. Pkt. 10 cts., ¼ oz. 50 cts.

CAMPANULA (Bell Flower)

A family containing many beautiful border plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

155. **CALYCANTHEMA (Cup and Saucer). HB.** Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ ft. Mixed. Pkt. 10 cts., ¼ oz. 60 cts.

MEDIUM (Canterbury Bell). HB. Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ ft.

	Pkt.	¼ oz.
158 Single Blue	\$0.05	\$0.25
159 Single Rose .....	.05	.25
160 Single White .....	.05	.25
163 Single Mixed .....	.05	.25

167. **CARPATICA (Harebell). HB.** Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 ft. Mixed. Pkt. 5 cts., ¼ oz. 30 cts.

169. **PYRAMIDALIS (Chimney Bell Flower). HP.** Stately plants with stems 4 to 5 ft. high; fine for borders or as large, decorative pot-plants; large, broad, tubular flowers. Finest mixture of blue and white. Pkt. 5 cts., ¼ oz. 25 cts.



CAMPANULA (Cup and Saucer)

173. **PERSICIFOLIA GRANDIFLORA** (Peach Bells). HP. Flowers extra large and cup-shaped; elegant for pot-plants; also for border. 2 ft. Mixture of single blue and white. Pkt. 10 cts., 1/8 oz. 25 cts.

CACALIA

(Tassel Flower, or Flora's Paint Brush)

A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. 1 1/2 ft.

180. **MIXED**. Pkt. 5 cts., 1/4 oz. 25 cts.



CALCEOLARIA

CALCEOLARIA (Slipperwort) TP.

Are mainly gorgeous greenhouse flowering plants. Their peculiar form and the brilliant colors of their flowers make them distinctly attractive.

185. **HYBRID GRANDIFLORA MIXED**. Pkt. 25 cts.

CALENDULA (Pot Marigold)

Very showy, thrifty plants, particularly adapted for dry and poor soils, although they thrive in any sunny location. Extremely showy from late summer until cut down by frost. 1 to 1 1/2 ft.

188. **METEOR**. Double; yellow, striped with orange. Pkt. 5 cts., oz. 25 cts.

189. **FAVORITE**. Light Sulphur-yellow, petals striped creamy white. Pkt. 5 cts., oz. 25 cts.

190. **ORANGE KING**. Very large double flowers of a dark orange-red. Pkt. 5 cts., oz. 25 cts.

191. **LEMON KING**. Very large. Pkt. 5 cts., oz. 25 cts.

CALIFORNIA POPPY—See Eschscholtzia

Chas. Snyder, Elmira, N. Y.—"The Seeds you sent me were better than those received from other sources. Enclosed find order for seeds."

CALLIOPSIS (Bright Eyes) or COREOPSIS

Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood-red to deep brown. Quite commonly two distinct colors are seen on one plant and even in one blossom. Height 6 in. to 2 1/2 ft.

195. **DRUMMONDI, GOLDEN WAVE**. Bright yellow flowers with brown eyes. Pkt. 5 cts., oz. 25 cts.

196. **HYBRIDA SUPERBA**. A beautiful strain; quite bushy in habit, some medium, others tall. Colors, very bright and attractive, many individual plants having flowers of two different colors; in size, blossoms vary from small to large. 1 to 2 ft. Pkt. 5 cts., 1/2 oz. 20 cts.

197. **NIGRA SPECIOSA**. A strong growing sort with good sized flowers of rich reddish-maroon; 2 ft. Pkt. 5 cts., oz. 25 cts.

CANARY-BIRD VINE

200. A rapid-growing summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 5 cts., oz. 25 cts.

CARDINAL CLIMBER (Quamoclit Hybrida)

203. Annual. A beautiful climber; strong and rapid grower, with fern-like foliage and fiery red flowers. 28 to 30 ft. Pkt. 10 cts., 3 pkts. 25 cts.

CANDYTUFT (Iberis)

A general favorite. Valuable for masses, edging and prized for cutting; free-flowering.

210. **EMPRESS**. The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. Pkt. 5 cts., oz. 40 cts.

212. **LAVENDER**. Delicate shade. Pkt. 5 cts., oz. 25 cts.

213. **CRIMSON**. Rich deep shade. Pkt. 5 cts., oz. 25 cts.

CANTERBURY BELL—See Campanula

CARNATION (Dianthus Caryophyllus) HP.

These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Seedlings possess great vigor and, as a rule, produce more flowers than plants from cuttings.

219. **GIANT MARGUERITE or MALMAISON**. Early flowering; seed sown in February will flower in June. Fine for cut-flowers. Splendid mixture from largest flowers. 1 ft. Pkt. 10 cts., 1/8 oz. 25 cts.

220. **MARGUERITE, HALF-DWARF**. Valuable cut-flower varieties; sweet-scented and bloom from July to frost, from Feb. sown seed. Flowers large, with rich colors. 1 ft. Pkt. 10 cts., 1/4 oz. 25 cts.

221. **CHABAUD'S EVERBLOOMING**. HP. Produces a high percentage of double flowers, blooming five to six months after sowing. Pkt. 25 cts.

CARPET OF SNOW—See Alyssum

CASTER BEAN—See Ricinus



CRISTATA NANA COCKSCOMB

CELOSIA CRISTATA

(Cockscomb) TA.

Handsome and distinct; the comb-like heads may be grown to a large size and make fine decorative plants and unique beds.

230. **CRISTATA NANA, EMPRESS.** Enormous crimson heads; dark foliage; dwarf. Pkt. 10 cts., 1/4 oz. 30 cts.

231. **MIXED CRISTATA.** Pkt. 5 cts., 1/4 oz. 25 cts.

235. **PLUMOSA. THOMPSONI MAGNIFICA.** A mixture of improved varieties of splendid colors. 1 1/2 ft. Crimson, gold-yellow and mixed. Pkt. 10 cts., 1/4 lb. 25 cts.

CENTAUREA

(Corn Flower or Bachelors Button)

Large, numerous handsome foliage and flowering species. **IMPERIALIS.** Beautiful giant varieties, vigorous growers, branch freely and send out numerous side shoots, producing flowers during a long period. 3 to 3 1/2 ft.

240. **WHITE**Pkt. 10 cts., 1/4 oz. 20 cts.

241. **LAVENDER**Pkt. 10 cts., 1/4 oz. 20 cts.

242. **YELLOW**Pkt. 10 cts., 1/4 oz. 20 cts.

245. **SUAVEOLENS (Yellow Sweet Sultan). HA.** Sweet, honey-like odor; fall-sown seeds produce plants more prolific in flower than spring-sown. 1 1/2 ft. Pkt. 5 cts., 1/4 oz. 20 cts.

246. **MARGUERITE.** Large, pure white, sweet-scented flowers. 1 1/2 ft. Pkt. 10 cts., 1/4 oz. 20 cts.

247. **MOSCHATA ROSEA.** Delicate rosy white with pink stamens. Pkt. 15 cts.

WHITE-LEAVED CENTAUREAS

(Dusty Miller)

248. **GYMNOCARPA.** Silver foliage. A popular bedding variety. Pkt. 10 cts., 1/4 oz. 35 cts.

250. **CANDIDISSIMA.** Handsome silvery foliage used in quantity for bedding, edging, basket, etc., 9 in. Pkt. 10 cts., 1/8 oz. 50 cts.

CORNFLOWERS

CYANUS. HA. The Blue Bottle, Bachelor's Button or Cornflower of the old gardens. A weed in the European corn fields. They commonly come up year after year, seeding themselves.

254. **BLUE.** Pkt. 5 cts., oz. 25 cts.

225. **ALL COLORS, MIXED.** Pkt. 5 cts., oz. 25 cts.

CHRYSANTHEMUMS

A large family of plants of varied character, nearly all valuable for cut flowers.

270. **CARINATUM.** Single-flowering Varieties, Mixed. Pkt. 5 cts., 1/4 oz. 20 cts.

271. **CARINATUM.** Double-flowering Varieties, Mixed. Pkt. 5 cts., 1/4 oz. 20 cts.

SINGLE HARDY CHRYSANTHEMUMS

(Shasta Daisies)

359. **ALASKA.** A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. Pkt. 25 cts., 5 pkts. \$1.00.

360. **SHASTA DAISY.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. Pkt. 15 cts., 2 pkts. 25 cts.

CINERARIA

Very distinct and ornamental house plants, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson, with bicolors of crimson and white, blue and white, etc. Splendid, large flowers.

295. **DWARF GIANT FLOWERING.** A. Large-flowering, prize strain. Unsurpassed for richness of color and perfection of form. 1 1/2 ft. Pkt. 50 cts.

298. **HYBRIDA STELLATA (Star Cineraria).** A. Star-shaped flower in many pleasing colors. 2 to 3 ft. Pkt. 50 cts.

299. **MARITIMA (Dusty Miller).** A beautiful foliage variety; pure white leaves; for pots and bedding. 1 ft. Pkt. 5 cts., 1/4 oz. 20 cts.



CENTAUREA IMPERIALIS

CLARKIA

Hardy annuals; easily grown; flower freely, are showy in the border, good for cutting, and form nice pot-plants.

305. **DOUBLE MIXED.** 2 ft. All colors. Pkt. 5 cts., 1/4 oz. 25 cts.

CLEOME (Spider Plant)

Tall, bushy annual plant, branching freely and continuously in bloom. If protected during first winter it will live another season. 4 ft.

310. **PUNGENS.** Pink flowers. Pkt. 5 cts.

COIX LACHRYMAE (Job's Tears)

315. A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual 2 to 3 ft. Pkt. 5 cts., oz. 10 cts.

**COBEA SCANDENS
(Cups and Saucers Vine)**

Well-known climber of rapid growth, producing large bell-shaped blossoms; in sowing, place the seeds edgewise, and merely cover with light soil.

320. **PURPLE.** Pkt. 10 cts., 1/4 oz. 20 cts.

COCKSCOMB (see Celosia)

COLUMBINE (see Aquilegia)

COSMOS

Beautiful autumn-blooming plants. Produce thousands of beautiful flowers in white, pink and crimson shades, furnishing flowers for autumn decorations when other flowers are scarce. Should be sown in spring when danger of frost is past. Plant not less than 18 in. apart. When plants are a foot high, tops should be pinched out to induce a bushy growth.

MAMMOTH PERFECTION. A magnificent selection, bearing flowers of mammoth size and perfect form.

		Pkt.
331. Crimson.	1/4 oz. 20 cts.	\$0.05
332. Pink.	1/4 oz. 20 cts.	.05
333. White.	1/4 oz. 20 cts.	.05
A pkt. each of 3 colors for 10 cts.		
	Mixed Mammoth.	1/4 oz. 20 cts. .05

330. **GIANT PINK LADY LENOX.** This, the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems, in color a beautiful deep rosy-pink. Pkt. 10 cts., 1/4 oz. 25 cts.

330. **GIANT WHITE LADY LENOX.** A new white-flowered form of the above. Pkt. 10 cts., 1/4 oz. 25 cts.

EXTRA EARLY COSMOS

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, having been greatly improved in the last year or two, and will undoubtedly perfect their blooms in the most northerly States.

		1/4 oz.	Pkt.
335. Crimson		\$0.25	\$0.05
336. Pink		.25	.05
337. White		.25	.05
A pkt. each of the 3 colors for 10 cts.			
338. Mixed.	All colors.	1/4 oz. 20 cts.	.05

COLEUS

325. **LARGE LEAVED.** Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in warm temperature. Finest mixed. Pkt. 25 cts.



CYCLAMEN

A popular pot-plant for winter and spring flowering; blooms last a long time. Seedlings bloom in 8 to 10 months.

340. **SALMON.** Salmon Pink. Pkt. 40 cts.

342. **WHITE WITH CARMINE EYE.** Pkt. 35 cts., 100 seeds \$1.00.

343. **PAPILIA (Butterfly).** Beautifully fringed or waved; mixed colors. Pkt. 40 cts.

344. **PERSICUM.** Choice mixed. Pkt. 10 cts.

CYPRESS VINE

(Impomea Quamoclit)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 ft.

350. **MIXED.** Pkt. 5 cts., oz. 25 cts.

DAISY (see Bellis Perennis)

DELPHINIUM (Larkspur)

Splendid flowers of easy culture; sown in May outdoors they will be in full bloom in July; graceful fern-like foliage and slender spikes 3 ft. tall. Fine for cutting or garden decoration.

ANNUAL

370. **DWARF DOUBLE ROCKET.** Among the first to flower. Very choice strain; mixed. Pkt. 5 cts., oz. 25 cts.

371. **TALL DOUBLE ROCKET.** Fine mixed, many shades; 2 ft. Pkt. 5 cts., oz. 25 cts.

373. **TALL DOUBLE, STOCK-FLOWERED, MIXED.** These are early varieties, fine for borders or among shrubs and useful for cutting. Beautiful shades, 2 1/2 ft. Mixed. Pkt. 5 cts., oz. 50 cts.



LARKSPURS

DELPHINIUM

(Perennial Larkspur)

376. **ALBUM.** Pure white; comes true from seed. Pkt. 5 cts., 1/4 oz. 25 cts.

377. **FORMOSUM.** Dark blue with white eye; a popular variety. 2 1/2 ft. Pkt. 5 cts., 1/4 oz. 25 cts.

378. **BELLADONNA.** Blooming from June until frost, its clear turquoise-blue flowers are unsurpassed. Pkt. 25 cts., 1/8 oz. 85 cts.

DIANTHUS (Pinks)

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

DIANTHUS BARBATUS—See Sweet Williams.

SINGLE ANNUAL PINKS

390. **EASTERN QUEEN.** Flowers marbled rose and white. Pkt. 5 cts., 1/4 oz. 25 cts.

391. **JAPANESE, CRIMSON BELLE.** Large, handsome, dark red flower. Pkt. 5 cts., 1/4 oz. 25 cts.

392. **PRINCESS.** Flowers striped, blotched and fringed. Mixed. Pkt. 5 cts., 1/4 oz. 30 cts.

393. **JAPAN PINK.** All colors. Pkt. 5 cts.

394. **CHINENSIS MIXED.** All colors. Pkt. 5 cts., 1/4 oz. 25 cts.

DOUBLE ANNUAL PINKS

395. **DOUBLE DWARF SNOWBALL.** Fringed, snow-white flowers; fine for cutting. Pkt. 5 cts., 1/4 oz. 35 cts.

396. **DWARF DOUBLE FIREBALL.** Fiery red. Pkt. 10 cts., 1/4 oz. 50 cts.

397. **DOUBLE MOURNING CLOAK.** Rich, blackish, velvety crimson, margined with pure white. Pkt. 5 cts., 1/4 oz. 30 cts.

398. **CHINENSIS MIXED.** All colors. Pkt. 10 cts.



DIANTHUS (Pinks)

HARDY GARDEN PINKS

406. **PERPETUAL PINK.** (Plumarius Semperflorens.) These are everblooming garden Pinks, in many colors. Single, semi-double and double-flowered, and of spicy fragrance. Pkt. 10 cts., 1/4 oz. 50 cts.

408. **SINGLE FINEST MIXED.** (Pheasant's Eye; plumarius.) Many colors, fragrant flowers, nicely fringed. Pkt. 5 cts., 1/4 oz. 15 cts.

DIGITALIS

(Thimble flower or Foxglove) HP.

These are beautiful perennials for the border, etc., and some are elegant pot-plants, blooming very readily in 4-in. pots in spring. For this purpose seed should be sown in August and grown slowly during the winter.

415. **MONSTROSA.** (Mammoth Foxglove.) The tall spikes are surmounted by one monstrous flower, all colors mixed. Pkt. 10 cts., 1/4 oz. 40 cts.

419. **GLOXINAEFLORA, MIXED.** All colors. Pkt. 5 cts., oz. 60 cts.

DIMORPHOTHECA

425. **AURANTIACA.** (African Orange Daisy.) See Page 59.

DOLICHOS (Hyacinth Bean)

Rapid growing climber, bearing a profusion of bean-like flowers.

430. **DARKNESS.** A variety from Japan; rapid grower; flower reddish violet. Pkt. 5 cts., oz. 25 cts.

431. **DAYLIGHT.** Identical to the above except in color, which is pure white. Pkt. 5 cts., oz. 25 cts.

EVERLASTING PEA (see *Lathyrus*)

EUPHORBIA.

Plants with ornamental foliage; very showy and easily raised from seed; height 2 ft.

450. **VARIEGATA.** (Snow on the Mountain.) Annual; foliage margined and veined white; 2 ft. Pkt. 5 cts., oz. 30 cts.

451. **HETEROPHYLLA.** (Mexican Fire Plant.) Annual. Large, glossy green leaves, turning orange scarlet in mid-season. Pkt. 5 cts., ¼ oz. 25 cts.

ESCHSCHOLTZIA (*California Poppy*) **HB.**

An elegant hardy annual with fine cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 ft.

440. **CALIFORNICA.** Pure yellow. Pkt. 5 cts., oz. 30 cts.

441. **GOLDEN WEST.** Magnificent, large, deep golden-yellow flowers. Pkt. 10 cts., oz. 40 cts.

445. **BURBANK'S CRIMSON FLOWERING.** Beautiful, clear rosy crimson flowers, producing profusely. Pkt. 5 cts., oz. 50 cts.



CALIFORNIA POPPY

FEVERFEW (*Matricaria*)

460. **DOUBLE WHITE.** Hardy annual; free flowering; for bedding or pot culture; showy double white flowers; 18 in. Pkt. 10 cts., oz. 40 cts.

FORGET-ME-NOT (See *Myosotis*)

FOXGLOVE (see *Digitalis*)

FOUR O'CLOCK (see *Marvel of Peru*)

GALLARDIA (*Blanket Flower*)

A splendid garden flower and excellent for cutting. The large, highly colored, daisy-like flowers appear the entire season on stout erect stems often 15 to 18 in. in length.

466. **AMBLYODON.** Annual. Large, single, salmon-red flowers, deep crimson centers; very showy and nice for cutting; 2 ft. Pkt. 5 cts., ¼ oz. 15 cts.

475. **LORENZIANA, DOUBLE, FINEST MIXED.** Annual. Beautiful colors, flowering from mid-summer to frost; fine for bedding or cutting; 1½ ft. Pkt. 5 cts., ¼ oz. 15 cts.

476. **GRANDIFLORA COMPACTA.** HP. Fine, compact plants, blooming freely; flowers scarlet, margined yellow; 9 in. Pkt. 10 cts., ¼ oz. 15 cts.

479. **FINEST MIXED.** Annual. Pkt. 5 cts., oz. 30 cts.

GILLIFLOWER (see *Stock*)

GLOBE AMARANTH (*Gomphrena*)

Popularly known as Bachelor's Button, a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets.

485. **FINEST MIXED.** Annual. 2 ft. Pkt. 5 cts., oz. 25 cts.

GODETIA (*Satin Flower*)

Very neat and free-flowering annuals that will be satisfactory for edging and for solid beds; for a blaze of color they will vie with the nasturtiums. Should not be planted in too rich soil. In bloom from June to Oct. Plant about 1 ft. apart.

490. **FINEST MIXED.** Pkt. 5 cts., ¼ oz. 25 cts.

GOLDEN GLOW

(See *Rudbeckia*)

GOURD (*Ornamental*)

Rapid growing annual climbers for covering arbors, fences, etc., with ornamental foliage and curious shaped fruit.

495. **SUGAR TROUGH.** Used as water holders. Pkt. 5 cts., oz. 25 cts.

496. **DIPPER.** Very useful. Pkt. 5 cts., oz. 25 cts.

497. **JAPANESE NEST EGG.** Pkt. 5 cts., oz. 25 cts.

498. **PIPE CALABASH.** Pkt. 5 cts., oz. 25 cts.

GRASSES (*Ornamental*)

Few plants are more decorative. The ideal spot for the taller varieties is on the outskirts of a pond. Those with plumbtops are very effective when used as centerpieces for beds of cannas, etc.

ANNUAL

505. **BRIZA MAXIMA.** (*Quaking Grass*.) Elegant panicles; excellent for bouquets; and dried flowers; 1 ft. Pkt. 5 cts., ½ oz. 10 cts.

506. **LAGIRIS PVATIX.** (*Hare's Tail Grass*.) Small white spikes; 1½ ft. Pkt. 5 cts., ½ oz. 10 cts.

315. **COIX LACHRYMAE.** (*Job's Tears*.) A strong, broad-leaved ornamental grass, with large shining, pearly seeds; annual, 2 to 3 ft. Pkt. 5 cts., oz. 10 cts.

PERENNIAL

511. **EULALIA ZEBRINA.** Leaves barred yellowish-white; 4 ft. Pkt. 5 cts.

512. **GYNERIUM ARGENTEUM.** (*Pampas Grass*.) Graceful for borders; beautiful silvery plumes; 8 to 10 ft. Pkt. 5 cts.

513. **STIPA PENNATA.** (*Feather Grass*.) Silvery white, feathery plumes; 2 ft. Pkt. 5 cts.



FOXGLOVE
See Page 66.

GYPHOSOPHILA or BABY'S BREATH

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

520. **PANICULATA HP.** The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant; branches may be used for winter bouquets; 3 ft. Pkt. 5 cts., 1/4 oz. 15 cts.

522. **ELEGANS GRANDIFLORA ALBA. HA.** An improved large-flowered white form. Pkt. 5 cts., 1/4 oz. 15 cts.

HELIANTHUS (Sunflower) A.

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

530. **CHRYSANTHEMUM FLOWERED.** Rich, golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia, 7 ft. Pkt. 5 cts., oz. 40 cts.

531. **CUCUMBRIFOLIUS, STELLA.** An improvement on the type. Large, deep yellow flowers with dark discs; 2 ft. Pkt. 5 cts., 1/4 oz. 15 cts.

532. **BRIGHT ROSY PINK.** Bright, rosy-pink rays with light, almost light tips. This we consider the loveliest color yet seen in sunflowers. Seeds warranted 80% true to name. Pkt. 15 cts., 2 pkts. 35 cts.

535. **RED SUNFLOWER.** The plants vary in height from 5 to 8 ft., and throw out many side branches. Flowers are very numerous, of good form. The heads vary greatly in size, some are only 2 or 3 in. across, while others are a ft. or more. The color varies greatly, some plants produce flowers of a rich chestnut-red, others red flowers tipped with yellow, others washed with red. This variety in size and color makes a hedge or border of this annual especially interesting and attractive. Pkt. 10 cts., 3 pkts. 25 cts.

HELICRYSUM (Strawflower)

540. Effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 in. apart; hardy annuals; 2 1/2 ft. Pkt. 5 cts., 1/4 oz. 20 cts.

HELIOTROPE

Well known and highly prized plant on account of the delightful fragrance of the flowers; excellent for pots, or for bedding; 18 in.

545. **GIANTS.** Produces a profusion of flowers; nearly double the size of the old sort; mixed colors. Pkt. 15 cts., 2 pkts. 25 cts.

HONESTY (Moonwort, Satin Flower)

548. Hardy biennials, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 ft. Pkt. 5 cts., 1/4 oz. 20 cts.



HUMULUS (Japanese Hop)

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 ft.

ANNUAL

550. **ANNUAL MIXED.** Will bloom first season if sown in the house in March. Pkt. 10 cts., oz. \$1.00.

PERENNIAL

555. **CHATER'S SNOW WHITE.** Pkt. 10 cts., oz. \$1.25.

556. **CHATER'S CANARY YELLOW.** Pkt. 10 cts., oz. \$1.25.

557. **CHATER'S JINK.** Pkt. 10 cts., oz. \$1.25.

558. **CHATER'S DEEP ROSE.** Pkt. 10 cts., oz. \$1.25.

560. **ALLEGHENY MIXED.** Semi-double; mammoth flowers, edges fringed and laciniated; mixed. Pkt. 10 cts., oz. \$1.00.

HUMULUS (Japanese Hop)

A rapid growing annual climber with luxuriant foliage.

571. **VARIEGATIS.** Leaves mottled with white. Pkt. 5 cts., oz. 50 cts.

HUNNEMANNIA FURMARIAEFOLIA or BUSH (Giant Yellow Tulip Poppy) HA.

575. Produces in profusion large, yellow, poppy-like blossoms. In bloom from mid-summer until frost. Pkt. 10 cts., 1/4 oz. 25 cts.

HYACINTH BEAN (see Dolichos)

IBERIS (see Candytuft)

ICE PLANT (see Mesembryanthemum)

IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decoration.

580. **HOLSTIL, HYBRIDS P.** The colors offered in these New Hybrids are beautiful and of many shades. Pkt. 15 cts.

581. **SULTANI HYBRIDA P.** Colors ranging from pale pink to dark crimson. Pkt. 15 cts.

We have the most complete line of
GIANT PANSIES

See page 72

IPOMOEA (Moonflower) A.

Climbers of rapid growth, with beautiful, varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

586. **MEXICANA GRANDIFLORA ALBA.** Very large, pure white, flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 ft. Will germinate in 12 to 15 days. Pkt. 10 cts., oz. 50 cts.

JAPANESE HOP (see Humulus)

JOB'S TEARS (see Grasses)

KOCHIA

(Summer Cypress or Mexican Fire Bush)

590. **TRICOPHYLLA HHA.** A very handsome, symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall; 3 ft. Pkt. 5 cts., 1/4 oz. 50 cts.

LANTANA HHP.

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the New Hybrids is a great improvement, these being fine, dwarf and compact plants. Seed may be sown as late as March.

600. **HYBRIDA COMPACTA.** New dwarf varieties. Fine mixed. Pkt. 10 cts., 1/4 oz. 25 cts.

LARKSPUR (See Delphinium)

LATHYRUS

(Everlasting or Perennial Pea)

The hardy, everlasting Sweet Pea, with flowers much like the annual sort, but without fragrance. Produces showy, climbing vines suitable for screens, trellises, etc., and flowers all summer.

605. **LATIFOLIUS MIXED.** Pkt. 10 cts., oz. 40 cts.

LAVATERA (Annual Mallow)

610. **SPLENDENS ROSEA.** A compact shrubby-like annual plant with glossy foliage and bright pink mallow-like flowers; splendid for cutting and decorative work; easily raised from seed. Pkt. 10 cts., 1/4 oz. 25 cts.

LAVENDER (Lavendula Vera)

615. Well-known hardy perennial, bearing long spikes of fragrant blue flowers; 18 in. Pkt. 5 cts., oz. 75 cts.

LINARIA (Kenilworth Ivy)

620. **CYMBALARIA MAXIMA HP.** Glossy, ivy-like foliage. New, large-flowered varieties. Color, white to rose. Very neat trailing plant for boxes, baskets, etc. Pkt. 10 cts.

LINUM (Scarlet Flax)

625. **GRANDIFLORUM RUBRUM.** Ideal for bedding; dwarf and compact, with light-green foliage and bright scarlet flowers; annual, 1 ft. Pkt. 5 cts., oz. 25 cts.

LOVE-IN-A-MIST (see Nigella)

LOBELIA

Annuals and perennials that are extensively used for bedding, being invaluable for blue edging. Also elegant for baskets, pots, etc. Require a good soil for best effect.

630. **COMPACTA, CRYSTAL PALACE A.** Foliage dark; flowers rich, deep blue; the best bedder. Pkt. 10 cts., 1/8 oz. 50 cts.

631. **COMPACTA, EMPEROR WILLIAM A.** Deep blue; dwarf and nice. Pkt. 10 cts., 1/8 oz. 60 cts.

632. **SAPPHIRE A.** Beautiful deep blue, with pure white eye. Pkt. 15 cts., 2 pkts. 25 cts.

633. **HAMBURGIA.** Blue trailing. Pkt. 10 cts., 3 pkts. 25 cts.

LUPINUS (Lupine; Sun-Dial)

Free flowering, easily grown plants with long spikes of pea-shaped flowers; excellent for cutting; will bloom in 6 weeks after sowing; 2 ft.

640. **MIXED.** Annual sorts. Pkt. 5 cts., oz. 20 cts.



LANTANA

MARIGOLD (Tagetes)

(also see Calendula)

Old-fashioned annuals, always satisfactory, giving a fine display from mid-summer to frost from outdoor-sown seed; for earlier bloom seed should be started in frames.

650. **LEMON QUEEN.** Very large, globular, double canary-yellow flowers. Erect, branching habit; 2 ft. Pkt. 5 cts., oz. 75 cts.

651. **ORANGE PRINCE.** Flowers very large, of a deep orange color. Pkt. 10 cts., oz. 75 cts.

652. **LARGE AFRICAN.** Tall double mixed. Pkt. 5 cts., oz. 30 cts.

653. **FRENCH LEGION OF HONOR.** Single; bright yellow with dark crimson spots or blotches; a good bedder; 9 in. Pkt. 5 cts., oz. 35 cts.

654. **FRENCH DWARF DOUBLE MIXED.** Pkt. 5 cts., oz. 30 cts.

655. **FRENCH STRIPED GOLD.** Double, brownish-red striped. Pkt. 5 cts., oz. 30 cts.

MATRICARIA (see Feverfew)

MARVEL OF PERU (Four O'clocks)

660. **CHOICE MIXED.** Bushy plants of easy culture, producing hundreds of flowers during the entire summer; very showy in the garden; 2 ft. Pkt. 5 cts., oz. 15 cts.

MESEMBRYANTHEMUM TA.

Interesting dwarf ornamental foliage plants of great beauty; love a sunny situation, bloom all summer.

665. **CRYSTALLINUM.** (Ice Plant.) Flowers white; foliage covered with ice-like globules. Pkt. 5 cts., 1/4 oz. 15 cts.

MIGNONETTE HA.

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during winter.

670. **MILES' SPIRAL.** Of strong, branching habit, with spikes from 8 to 10 in. long; very fragrant. Pkt. 5 cts., oz. 25 cts.

671. **LARGE FLOWERING MIXED.** Pkt. 5 cts., oz. 25 cts.

673. **GOLDEN MACHET.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. Pkt. 10 cts., oz. 50 cts.

674. **GOLIATH.** Giant trusses of red flowers, borne on long, heavy spikes. One of the best for growing indoors; 1 ft. Pkt. 10 cts., oz. 50 cts.

675. **DEFIANCE.** Spikes of great length with large flowers; fine cut-flower variety; 1 to 1 1/4 ft. Pkt. 10 cts., oz. 60 cts.

676. **PARSON'S WHITE.** Large spikes, pure white, very fragrant. Pkt. 5 cts., oz. 35 cts.

MIMOSA (Sensitive Plant)

680. **PUDICA.** Curious, interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1 1/2 ft. Pkt. 5 cts., 1/8 oz. 20 cts.



MORNING GLORY

MIMULUS HHP.

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situation. Annual, blooming the first year from seed if sown early; 1 ft.

685. **MOSCHATUS.** (Musk Plant.) Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage. Pkt. 10 cts., 3 pkts. 25 cts.

686. **TIGRINUS.** (Monkey Flower.) Very beautiful, large-flowered, tigered and spotted; very showy; 9 in. Pkt. 10 cts., 3 pkts. 25 cts.

MOMORDICA (Annual)

Ornamental vine for trellis, etc.; flowers followed by golden yellow, warty fruits; 10 ft.

688. **BALSAMINA.** (Balsam Apple.) Apple-shaped. Pkt. 5 cts., oz. 30 cts.

689. **CHARANTIA.** (Balsam Pear.) Pear-shaped. Pkt. 5 cts., oz. 30 cts. Golden Yellow; tall. Pkt. 5 cts., oz. 40 cts.

MOON FLOWER (see Ipomea)

MORNING GLORY (Convolvulus)

One of the most popular annual climbers. Rapid grower.

695. **JAPANESE IMPERIAL.** Flowers of large size, and great variety of colors. Pkt. 5 cts., oz. 25 cts.

696. **GIANT MIXED.** All shades; mammoth size. Pkt. 5 cts.

697. **ROCHESTER.** Charming and distinct. Flowers are extra large in size, a lovely light blue, outlined with a narrow band of silvery white. Pkt. 10 cts., oz. 35 cts.

MOURNING BRIDE (see Scabiosa)

MYOSOTIS (For-get-me-not) HP.

These are lovely plants for moist and shady situations. Although biennials, these flower the first year from seed. Sown in spring they flower in the fall; if wanted for spring-flowering sow in July and transplant in the fall; 1 ft.

700. **ALPESTRIS, VICTORIA.** Dwarf and bushy. Also very early, flowering 8 to 10 weeks after sown; large, bright blue flowers. Pkt. 10 cts., 1/8 oz. 35 cts.

701. **ALPESTRIS, MIXED.** Pkt. 5 cts., 1/4 oz. 25 cts.

703. **PALUSTRIS.** The true "Forget-me-not." Bright blue flowers; 6 in. Pkt. 10 cts., 1/8 oz. 50 cts.

NASTURTIUMS (Tall) HHA.

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost; height, 8 to 10 ft.

710. **BUTTERFLY.** Lemon-yellow, upper petals marked dark red, lower petals marked terra-cotta red. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.

712. **ROSE.** A lovely shade of rose. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.

713. **VON MOLTKE.** Bluish Rose. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.



NASTURTIUMS

714. **JUPITER.** Large, golden-yellow flowers, on long stems. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

715. **SUNLIGHT.** Pure, rich butter-yellow flowers, often 3 in. across. Pkt. 10 cts., oz. 15 cts., lb. \$1.50.

716. **MOONLIGHT.** Very light cream flowers, of largest size. Pkt. 5 cts., oz. 15 cts., 4 oz. 40 cts., lb. \$1.40.

717. **TWILIGHT.** Large, beautiful flowers, salmon-rose, suffused scarlet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.40.

718. **CRYSTAL PALACE.** Bright orange-scarlet, marked with bronze. Pkt. 5 cts., oz. 15 cts., 4 oz. 40 cts., lb. \$1.40.

721. **HOLCO TALL MIXED.** All shades blended. Pkt. 5 cts., oz. 10 cts., 4 oz. 30 cts., lb. \$1.00.

725. **GOLDEN FOLIAGE TYPES, MIXED.** Golden-yellow foliage against which the bright scarlet flowers show off effectively. Pkt. 10 cts., oz. 20 cts.

726. **VARIEGATED FOLIAGE TYPES, MIXED.** Tall. Foliage striped with cream, green, silver and yellow. Flowers of various beautiful colors. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts.

727. **IVY LEAVED, MIXED.** Of strong, vigorous growth; a very attractive vine, all colors. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts.

DWARF (Indian Cress)

Of dwarf, compact growth; excellent for bedding purposes; 1 ft. high.

730. **AURORA.** Rich yellow, veined carmine. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

731. **CRYSTAL PALACE GEM.** Sulphur yellow, spotted maroon. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

DWARF NASTURTIUMS—Continued

732. **DEEP CRIMSON.** Deep velvety red, brown and brownish crimson. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

733. **RUDOLPH VIRCHOW.** Soft rosy pink. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.40.

734. **MIDNIGHT.** Plants of extremely dark green foliage. Flowers deep brownish red. Pkt. 5 cts., $\frac{1}{8}$ lb. 40 cts.

735. **ROSE PINK.** Soft rose color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

736. **PEARL.** Creamy white. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

737. **QUEEN.** Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

740. **HOLCO DWARF MIXED.** All shades blended. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

NICOTIANA (Tobacco) HHA.

755. **AFFINIA.** (Tuberose-flowered Tobacco.) Sweet-scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

757. **SANDERAE.** A splendid type in a great variety of colors. Pkt. 10 cts., 3 pkts. 25 cts.

NIGELLA (Love in a Mist)

765. **DAMASCENA.** Showy, hardy annual, with finely-cut foliage, and centaurea-like flowers, blue and white mixed; 1 ft. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.



NICOTIANA

PANSIES



MASTODON

PANSIES IN MIXTURES

775. **HOLCO GIANT EXHIBITION.** Is a blending of every imaginable color and combinations of color. Contains the Blotched and Masterpiece varieties in greatest proportion. Pkt. (150 seeds) 25 cts., 5 pkts. \$1.00.

776. **TRIUMPH OF THE GIANTS.** Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Pkt. 50 cts., ¼ oz. \$2.25, oz. \$8.00.

777. **MASTERPIECE (Frlled or Curled Pansy).** Flowers beautifully curled or waxed. Pkt. 15 cts., ¼ oz. 60 cts.

778. **MASTODON MIXED.** Extra large, colors are wonderful; something worthy of trial. Pkt. 25 cts., 3 pkts. 50 cts.

779. **NEW PRINCESS.** Strikingly erect habit; large-flowered, blotched and frilled type. A most interesting strain of beautiful flowers. Pkt. 15 cts., oz. \$1.50.

780. **TRIMARDEAU or GIANT MIXED.** Pkt. 10 cts., ¼ oz. 50 cts., oz. \$1.50.

781. **MADAM PERRET.** Early flowering, fragrant, especially rich in red and wine shades. Pkt. 10 cts., ¼ oz. 75 cts.

782. **CASSIER'S L A R G E BLOTCHED.** A grand mixture of the finest blotched varieties, splendid in every way, being large in size and rich in coloring. Pkt. 15 cts., ½ oz. 50 cts.

784. **FINE MIXED.** Pkt. 5 cts., oz. 75 cts.

If your soil is not of the quality of first-class potting soil prepare your beds for sowing as follows: (1) Your ground being perfectly clean and free of weeds and trash, pulverize the soil to a depth of 6 or more in. (2) On the level surface spread evenly a layer of pulverized manure, barnyard scrapings preferred, to a depth of at least 1 in. (3) Overlay manure with half inch of the best soil you have thoroughly pulverized. (4) Roll or rake down and tamp surface true and smooth. (5) Use the hose freely and soak down the bed several inches. (6) Sow your seeds in drills or broadcast—we sow broadcast. (7) Cover as lightly as possible with your best soil or sand. Sand is best. (8) Use light spray of water to moisten surface. (9) Allowing plenty of ventilation, keep your beds moist, quite moist, but not soaking wet until plants come up.

Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal.

These directions are for sowing in the open field, but will apply when using flats or cold frames. We use 60 to 75 square ft. to sow an ounce of seed. We estimate 5 to 6 thousand plants per ounce. We have reports as high as 11 thousand per ounce. One grower reports 1200 plants from 1-12 ounce.

“HOLCO” GIANT PANSIES SEPARATE COLORS

785. **BRIDESMAID.** A beautiful clear white, with shining rose-colored blotch; a rare pansy of large size. Pkt. 15 cts., ¼ oz. 50 cts., ½ oz. \$2.00.

786. **BRONZE MASTODON.** New, very large. All the different shades from burnished brass to gold. Pkt. 20 cts.

787. **BLACK MASTODON.** New, very large. All the different shades from burnished brass to gold. Pkt. 20 cts.

788. **EMPEROR WILLIAM.** Ultramarine-blue. Pkt. 10 cts., ¼ oz. 75 cts.

789. **GIANT MAUVE QUEEN.** New. Finest of colors. Pkt. 15 cts., ¼ oz. 75 cts.

790. **GOLDEN-YELLOW FIVE SPOTTED.** Dark eye. Pkt. 10 cts.

791. **GRAND DUKE MICHEL.** The finest and largest all-white pansy in the world. Pkt. 20 cts., ¼ oz. \$1.50, oz. \$6.00.

792. **LORD BEACONSFIELD.** Lavender and purple. Pkt. 10 cts., ¼ oz. 60 cts.

793. **MADAME STEELE.** Elk's Purple. Pkt. 25 cts.

794. **MERCURY.** Deep black-purple-red. Pkt. 10 cts., ¼ oz. 75 cts.

795. **PANAMA-PACIFIC YELLOW.** New. A huge deep yellow; some with dark centers, some without. Pkt. 20 cts.

796. **PARISIAN YELLOW.** A pure yellow of the grandest form and size. Pkt. 20 cts., ½ oz. 75 cts., ½ oz. \$3.00, oz. \$6.00.

797. **PRINCE HENRY.** Rich royal blue. Pkt. 10 cts.



NEW PRINCESS



PEA, EVERLASTING (see Lathyrus)

PENSTEMON (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.

820. LARGE FLOWERING MIXED. Producing large spikes of handsome flowers; 3 ft. Pkt. 5 cts., 1/8 oz. 20 cts.

PETUNIA HHA.

There is no more deserving flower than the Petunia. Quick to bloom in the early summer, gives a bright display long after the first frost has wrought its damage; seeds must be carefully handled as they are extremely fine, but the plants are of easiest culture.

SINGLE

825. GIANT OF CALIFORNIA. One of the largest varieties; bright and desirable colors; strong, robust plants. Pkt. 15 cts.

826. HOWARD'S STAR. Very free-flowering. A bluish-pink star on maroon ground. Pkt. 10 cts., 1/8 oz. 50 cts.

827. RUFFLED AND FRINGED GIANTS. Single. Exquisitely fringed and ruffled on the edges, and of immense size, in endless varieties of colors, markings, veinings, blotches and stripings, with deep throats of maroon, yellow, white, black or green. Pkt. 20 cts.

828. ROSY MORN. A lovely rose shade with yellowish throat; bushy and very free. 6 in. Pkt. 10 cts., 1/8 oz. 50 cts.

830. FINEST MIXED. Pkt. 5 cts., 1/4 oz. 25 cts., oz. 75 cts.

DOUBLE FLOWERED

832. LARGE-FLOWERING, FRINGED, MIXED. A superb mixture of finely fringed varieties in many colors. Pkt. 25 cts.

PERIWINKLE (see Vinca)

PHLOX (Flame Flower)

Very beautiful and useful class of half-hardy annuals. They are so many hued, brilliant, varied and lasting, that few rivals are to be found for effectiveness from July to fall. Seed may be sown outdoors in April and May, or earlier indoors and transplanted. Full sun exposure suits them best.

PHILOX DRUMMONDI

840. DRUMMONDI, MIXED. All colors. Pkt. 5 cts., 1/4 oz. 25 cts.

845. STELLATA. Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. Pkt. 10 cts., 1/4 oz. 30 cts.

HARDY PERENNIAL. Mixed. Pkt. 10 cts., 1/4 oz. 50 cts.



GIANT OF CALIFORNIA PETUNIA

PINKS (see Dianthus)

POPPIES (Papaver)

Annuals and hardy perennials. Poppies are unsurpassed for brilliancy of color, from the charming little Shirley to the gorgeous peony-flowered, are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for 2 days or more.

SINGLE ANNUAL POPPIES

850. **SHIRLEY.** This is an extra fine strain of these charming poppies. They are single, and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are edged and striped. Pkt. 5 cts., oz. 40 cts., 1/4 lb. \$1.25.

851. **TULIP FLOWERED.** A beautiful poppy, resembling a large tulip; color, a dazzling scarlet; 1 ft. Pkt. 5 cts., oz. 50 cts., 1/4 lb. \$1.50.

DOUBLE ANNUAL POPPIES

854. **CARDINAL.** Large; fringed; scarlet; very effective. Pkt. 5 cts., oz. 30 cts.

855. **CARNATION FLOWERED.** A splendid border variety. Large, very double, fringed flowers in brilliant colors; 2 1/2 ft. Pkt. 5 cts., oz. 20 cts.

856. **DOUBLE FRINGED.** Flowers very beautiful; they belong to the Carnation-flowered type. Pkt. 5 cts.

857. **MIKADO (The Striped Japanese Poppy).** This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt. 5 cts., oz. 30 cts.

858. **PAEONY FLOWERED.** Large, showy, double globular flowers, resembling a double peony, mixed colors. Pkt. 5 cts., oz. 20 cts.

PERENNIAL POPPIES

These varieties may be sown from July to Sept. to flower the following season, though the Iceland variety will flower the first season from seed sown in Feb.

860. **ICELAND.** Very graceful, dwarf plants containing over 20 shades; 1 ft. Pkt. 10 cts., 1/4 oz. 25 cts.

861. **ORIENTALE.** Gigantic, dark scarlet flowers. Pkt. 10 cts., 1/4 oz. 40 cts.

862. **ORIENTAL HYBRIDS.** A splendid mixture of all colors, rose, lilac and mauve shades included; very fine for cutting. Pkt. 10 cts., 1/8 oz. 50 cts.

864. **MRS. PERRY.** Rich, salmon pink. Pkt. 10 cts.

PORTULACA (Sun Plant)

Dwarf-growing plants of easy culture; thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors.

870. **SINGLE MIXED.** A. All colors. Pkt. 5 cts., oz. 35 cts.

871. **DOUBLE MIXED.** A. All colors. Pkt. 10 cts., 1/4 oz. 50 cts.



PRIMULA SINENSIS

PRIMULA (Primrose)

Beautiful house plants that are quite readily grown from seed, which should be sown thinly so that earliest plants may be removed without disturbing seed that will germinate later.

PRIMULA SINENSIS

875. **GIANT MIXED.** Superb mixture. Pkt. 50 cts.

876. **SINGLE MIXED.** Pkt. 25 cts.

877. **DOUBLE MIXED.** Pkt. 50 cts.

878. **STAR PRIMULAS (Primula Sinensis stellata).** A beautiful new class. Very fine as pot-plants or for cutting, for which use they are most excellent, remaining fresh for many days; 2 ft. Mixed. Pkt. 50 cts.

880. **PRIMULA KEWENSIS (Verbena Scented Yellow Primrose).** Spikes each 12 to 18 in. long, and bearing 4 to 6 whorls of bloom; color soft yellow. Pkt. 25 cts.

PRIMULA OBCONICA GIGANTEA

882. **HYBRIDA MIXED.** Pkt. 20 cts.

Useful for pot culture or for rockeries and borders.

HARDY PRIMULAS

885. **MALACOIDES.** If grown in a greenhouse it will bloom in 4 to 5 months after sowing; color, a pretty light-lilac. Pkt. 25 cts.

889. **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 Oct., and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in profusion. Pkt. 25 cts.

890. **JAPONICA (Japanese Primrose).** Bright and showy flowers; borne in whorls on stems 6 in. Pkt. 10 cts.

PYRETHRUM

895. **ROSEUM HYBRIDUM GRANDIFLORUM**. HP. New large or giant-flowered varieties, ranging from light pink to carmine-red. Elegant for cutting, plants perfectly hardy. Mixed colors; 2 ft. Pkt. 10 cts., 1/4 oz. 65 cts.

896. **DOUBLE and SEMI-DOUBLE VARIETIES**. A. A fair percentage come true from seed; 2 ft. Pkt. 25 cts.

FOLIAGE or BEDDING VARIETIES (also see Matricaria)

898. **PARTHENIFOLIUM AUREUM** (Golden Feather). Valuable for bedding, etc. Pkt. 5 cts., 1/4 oz. 25 cts.

RHODANTHE (Everlasting Flower)

900. A beautiful annual for the garden or for pot culture; mixed colors; 1 ft. Pkt. 5 cts.

RICINUS (Castor Oil Bean) HHA.

These ornamental plants are used with great effect on lawn, as centerpieces in flowering beds such as cannas, etc.

996. **ZANZIBARIENSIS**. Enormous leaves varying in color from light green to purplish red; 12 ft. Pkt. 5 cts., oz. 15 cts.

999. **MIXED**. All sorts. Pkt. 5 cts., oz. 15 cts., 1/4 oz. 50 cts.

RUDBECKIA (Coneflower)

Tall growing plants, flowering profusely all summer.

1005. **BICOLOR SUPERBA**. Yellow flowers with brownish disc in center; annual; 2 ft. Pkt. 10 cts.

1006. **NEWMANI (Golden Glow)**. Large yellow flowers with black center; perennial; 3 ft.; all summer. Pkt. 10 cts.

SALPIGLOSSIS (Painted Tongue)

Easy growing annual plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early summer until late fall; 18 in. Excellent.

1010. **EMPEROR, CHOICE MIXED**. Pkt. 10 cts., 1/4 oz. 50 cts.



SALVIA ZURICH

SALVIA (Scarlet Sage)

This popular bedding plant is impossible to be replaced. There is nothing more effective in the fall or mid-summer than these bright scarlet flowers. Seeds should be started either in the house from Feb. until April or in hot beds.

1015. **ZURICH. A.** A new dwarf, free- and early-flowering variety. A splendid bedder; 1 1/2 ft. Pkt. 15 cts., 1/8 oz. 75 cts.

1016. **SPLENDENS (Scarlet Sage)**. Tall variety, very rich and free; late; 2 ft. Pkt. 5 cts., 1/4 oz. 40 cts.

1017. **BONFIRE (Clara Bedman)**. Compact bushy plants 2 ft. high, producing innumerable erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., 1/8 oz. 50 cts.

SCABIOSA

(Mourning Bride or Pincushion Flower)

Free-flowering annuals of easy culture; splendid for cutting or garden effect; should be in every collection.

1020. **FINEST MIXED**. Pkt. 5 cts., oz. 50 cts.

SNAPDRAGON (see Antirrhinum)

SENSITIVE PLANT (see Mimosa Pudica)

SCARLET RUNNER (see Bean)

STOCKS (Gilliflower) HHA.

General favorite for bedding; excellent for pot-plants or cutting. August-sown seed will produce fine plants for spring pot sale or cutting. Seed sown under glass in March will supply nice bedding plants in light soils and may be sown outside in April and May and will afford bloom from summer until frost. All delightfully fragrant.

IMPROVED LARGE-FLOWERING 10-WEEK STOCKS

This is the leading class for bedding out for summer blooming, coming into flower quicker than other types.

1030. **MIXED**. Double large-flowering. Pkt. 5 cts., 1/8 oz. 50 cts.

1031. **SNOWFLAKE**. A dwarf 10-week wallflower-leaved variety with large double snow-white flowers; fine for pot culture. Pkt. 20 cts.

CUT-AND-COME-AGAIN 10-WEEK STOCKS

Sown in March or April, begin flowering in July, continuing until frost, especially valuable during Sept. and Oct., when other flowers are scarce. All bear very double, fragrant flowers.

- 1035. **PRINCESS ALICE**. White Pkt. 10 cts.
- 1036. **CANARY** Pkt. 10 cts.
- 1037. **LIGHT BLUE** Pkt. 10 cts.
- 1038. **DARK BLOOD RED** Pkt. 10 cts.
- 1039. **BEST MIXED** Pkt. 10 cts.

EARLY BROMPTON or "NICE" STOCKS HB.

1045. **BEAUTY OF NICE**. Delicate flesh-pink. Pkt. 15 cts.

1046. **CANARY YELLOW**. A beautiful clear yellow. Pkt. 15 cts.

1047. **CRIMSON KING**. Rich blood crimson. Pkt. 15 cts.

1048. **QUEEN ALEXANDRIA**. Soft rosy-lilac. Pkt. 15 cts.

STOKESIA (Cornflower Aster) P.

Plants grow about 15 to 18 in. high, bearing freely from July to Oct. handsome Centaurea-like blossoms, each measuring from 4 to 5 in. across; it is of easy culture, and one of the most desirable plants for the hardy border, and also for cutting.

1060. Pkt. 10 cts., 1/4 oz. 25 cts.

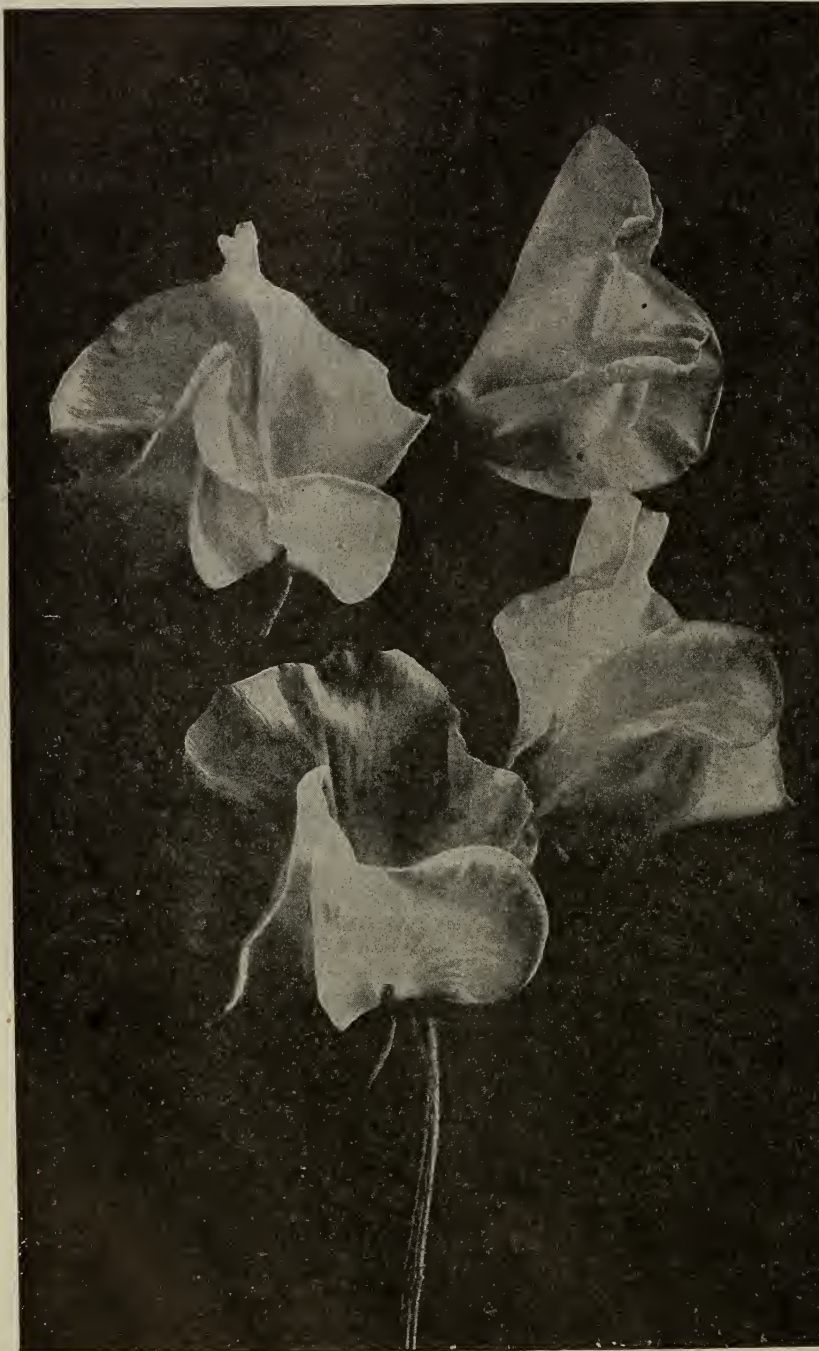
STRAW FLOWER (see Helichrysum and Rhodanthe)

SUNFLOWER (see Helianthus)

Holco Giant Waved Spencer Sweet Peas

ALL OF THE BEST
RE-SELECTED STRAINS

For 75c we will send postpaid, one Packet each of the following 6 Newest
Giant Spencer Sweet Peas



YARROWA—(The Popular Favorite for Forcing and Early Out-door Growing)

1076.

HOLCO GIANT WAVED SPENCER SWEET PEA MIXTURE

This mixture has been made with extraordinary care by us from the finest named, true, large flowering Spencer varieties introduced to date, and in such quantities as to produce a well-balanced and finely-proportioned color effect. All dull and undesirable colors have been omitted, making the mixture the best ever offered. No better can be had.

Packet, 10 cents; ounce, 20 cents; quarter pound, 60 cents; pound, \$2.00, postpaid.

1081. Fiery Cross

Has the appearance of live fire, being a fire-red. The beautifully waved and fluted flowers are borne freely in three's and four's, well placed on long, stout stems. Pkt. 20 cts., 3 pkts. 50 cts.

1082. Hilary Christie

Standard salmon-orange edged with fiery orange-scarlet; wings rosy salmon; most decorative, strong growers, good size and form. Pkt. 15 cts., 4 pkts. 50 cts.

1083. Jean Ireland

Creamy buff, while the broad standard is beautifully margined with carmine rose. A grand grower and produces four-bloomed sprays in abundance. Pkt. 20 cts., 3 pkts. 50 cts.

1087. The President

Wonderfully brilliant, in fact, may be termed a glowing scarlet. Flowers are of the largest size, carried on strong, stiff stems, usually fours. Pkt. 20 cts., 3 pkts. 50 cts.

1099. Cherub

The ground color is a deep, creamy buff, or rich cream, charmingly edged with bright rose. The vines are of extra-strong growth, bearing the gigantic flowers profusely on the ends of long stems, generally in threes with a good proportion of fours. Pkt. 15 cts., 2 pkts. 25 cts.

1090. Yarrowa

Was first exhibited at the great INTERNATIONAL FLOWER SHOW in New York, March, 1914, where it was awarded a CERTIFICATE OF MERIT by THE AMERICAN SWEET PEA SOCIETY. The Pennsylvania Horticultural Society also awarded a Certificate in Philadelphia, March, 1915. It is a direct sport from a summer-flowering Spencer, retaining the heavy foliage and strong growth. When grown under glass it attains a height of ten to twelve feet, flowering for several months. From seed sown in early October the plants came into bloom December 20th and bloomed profusely until May. The flowers are exquisitely waved and when well grown average two and one-half inches in diameter, many of them being duplex or double. They are produced usually in fours on extra long, strong stems. The color is a bright rose-pink with a clear, creamy base, the wings being slightly lighter in tone. YARROWA, grown outdoors, begins to flower fully two weeks earlier than the summer Spencers. Pkt. 15 cts., 2 pkts. 25 cts., ¼ oz. 50 cts.

HOLCO GIANT WAVED SPENCER SWEET PEAS

ALL OF THE BEST RE-SELECTED STRAINS

Any three ten-cent packets for 25 cts.; any seven for 50 cts.; or any fifteen for \$1.00, post-paid, so you can make your own Spencer Collection.

Two fifteen-cent packets for 25 cts.; any 10 fifteen-cent packets for a dollar.

	Pkt.	oz.	¼ lb.
1100. APPLE BLOSSOM. Rose and pink, waved	10 cts.	25 cts.	75 cts.
1101. ASTA OHN. Soft lavender, suffused mauve	10 cts.	25 cts.	75 cts.
1102. AURORA SPENCER. Cream-white, flaked orange-salmon	10 cts.	25 cts.	75 cts.
1103. BLANCHE FERRY. Rose standard, pinkish-white wings	10 cts.	25 cts.	85 cts.
1104. CAPTAIN OF THE BLUES. Standard purple, wings blue	10 cts.	25 cts.	
1078. CONSTANCE HINTON. Black-seeded white, giant flowers	10 cts.	30 cts.	
1105. CONSTANCE OLIVER. Delicate pink, suffused cream	10 cts.	25 cts.	75 cts.
1106. COUNTESS SPENCER. Soft rose-pink	10 cts.	25 cts.	75 cts.
1107. DAINTY SPENCER. White, edged with rose	10 cts.	25 cts.	75 cts.
1079. DECORATOR. Rose, overlaid with terra-cotta, large flowers	10 cts.	40 cts.	
1080. DOBBIE'S CREAM. Beautiful primrose-colored flowers	15 cts.	50 cts.	
1108. ELFRIDA PEARSON. Light pink, margins with a darker pink	10 cts.	25 cts.	75 cts.
1109. EMPRESS EUGENIA. Light gray, flaked with lavender, immense flower	10 cts.	30 cts.	\$1.00
1111. FLORA NORTON. A beautiful shade of lavender	10 cts.	30 cts.	1.00
1112. FLORENCE MORSE. Light pink, edged with darker pink	10 cts.	25 cts.	75 cts.
1113. FLORENCE NIGHTINGALE. A fine lavender, flowers large	10 cts.	25 cts.	75 cts.
1091. FORDHOOK ROSE. Rosy carmine. Early flowering	25 cts.		
1110. FRANK DOLBY. Mauve lavender, unwin	10 cts.	20 cts.	
1114. GEORGE HERBERT. Bright, rosy carmine	10 cts.	25 cts.	75 cts.
1115. GLADYS UNWIN. Delicate pink	10 cts.	20 cts.	
1116. HELEN LEWIS. Standard crimson-orange; wings orange-rose	10 cts.	25 cts.	75 cts.
1117. ILLUMINATOR. A rich salmon-pink, large flower	15 cts.	40 cts.	
1118. KING EDWARD. Deep carmine-scarlet	10 cts.	25 cts.	75 cts.
1119. KING WHITE. Gigantic flowers of pure white	10 cts.	50 cts.	
1120. LOYALTY. Violet flake on white ground	10 cts.	30 cts.	
1122. MARGARET ATLEE. Pink on cream, suffused with salmon	10 cts.	30 cts.	\$1.00
1121. MRS. ROUTZAHN. Apricot or buff, suffused delicate pink	10 cts.	25 cts.	75 cts.
1084. NEW MARGARET MADISON. An azure-blue, charming variety	10 cts.	25 cts.	75 cts.
1123. NORA UNWIN. Large, pure white	10 cts.	25 cts.	75 cts.
1085. NUBIAN. Deep chocolate self	10 cts.	30 cts.	\$1.00
1124. OTHELLO SPENCER. Rich deep maroon	10 cts.	25 cts.	75 cts.
1086. PHANTOM BLUE. Pastel shade of blue	25 cts.		
1125. PRIMROSE SPENCER. A cream-yellow shade	10 cts.	25 cts.	75 cts.
1088. ROBERT SYDENHAM. A beautiful orange-scarlet, immense flower	15 cts.	50 cts.	\$1.50
1089. ROYAL PURPLE. A strong, rich purple	15 cts.	75 cts.	
1126. STIRLING STENT. Deep salmon, suffused with orange	10 cts.	25 cts.	75 cts.
1127. TENNANT SPENCER. An attractive shade of purplish mauve	10 cts.	25 cts.	75 cts.
1128. THOMAS STEVENSON. The finest of all orange-scarlet, large	10 cts.	25 cts.	75 cts.
1129. VERMILION BRILLIANT. Brilliant scarlet; large and fine	10 cts.	25 cts.	75 cts.
1130. WHITE SPENCER. The popular white	10 cts.	25 cts.	75 cts.
1131. WEDGEWOOD. A lovely light blue, immense flower	10 cts.	30 cts.	\$1.00

EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

Plants begin to bloom 106 days after planting the seed in the open ground; six weeks earlier than the late-flowering varieties planted at the same time. One of their chief characteristics is their long season period of blooming, as they commonly stay in full bloom for four full months.

	Pkt.
1094. EARLY MORNING STAR. Deep orange-scarlet with rich orange-pink wings	25 cts.
1095. EARLY SONG BIRD. Light pink on white ground	25 cts.
1096. EARLY MELODY. Rose-pink on white ground	25 cts.
1097. EARLY SPRING MAID. Light pink on a cream ground	25 cts.
1098. EARLY SNOW FLAKE. Pure snow-white, very large, waved	25 cts.
1099. EARLY HEATHER BELL. Rich, pleasing mauve	25 cts.

1075 HOLCO LARGE FLOWERING FINEST MIXED SWEET PEAS

Each season we sell thousands of pounds of Large-Flowering Sweet Peas to customers desiring to have a little of everything good and who want to purchase in bulk. This year our mixture contains more than 75 varieties, embracing all the newest and best grandiflora varieties; the colors well proportioned. We can recommend this mixture. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts., postpaid.

SWEET WILLIAM (Dianthus Barbatus) HB.

Produces splendid effects in beds and borders. Widely grown for the handsome showy heads of brilliant flowers, will last for years.

1170. **PINK BEAUTY.** Strikingly brilliant and beautiful. Color salmon-pink. Flowers are borne in massive heads on stems 18 in. high. For mid-season mass bedding it has no equal. Pkt. 10 cts.

1171. **HOLBORN GLORY.** Large flowers in beautiful shades. Pkt. 10 cts.

1172. **SINGLE WHITE.** Pkt. 5 cts., 1/4 oz. 15 cts.

1174. **SINGLE MIXED.** Pkt. 5 cts., 1/4 oz. 15 cts., oz. 40 cts.

1175. **DOUBLE MIXED.** Pkt. 10 cts., 1/4 oz. 30 cts.

1176. **ANNUUS (Annual-flowering Sweet William).** A new strain that flowers the first season. Sow early. Finest mixture. Pkt. 10 cts., 1/4 oz. 25 cts.

THUNBERGIA (Black-Eyed Susan) HHA.

Very attractive, slender, climbing or trailing plants, neat for baskets, porch boxes, etc. Pure white; white, blackeyed; sulphur, white eyed; orange, white-eyed.

1180. **MIXED.** Pkt. 5 cts., 1/4 oz. 25 cts.

1185 TRITOMA (Red Hot Poker) HP.

Very early-flowering variety; elegant orange-scarlet flowers; 3 ft. Pkt. 15 cts.

VERBENA. HA.

A very popular bedding plant. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted in May. If sown outdoors in May, it blooms from the end of July on.

1186. **MAMMOTH-FLOWERED VARIETIES.** Florets average 1 in. in dia. White, Pink, Blue, Purple, Striped, Yellow and Mixed. Pkt. 10 cts., 1/4 oz. 50 cts., oz. \$1.50.

1187. **HELEN WILMOTT.** Large, bright salmon-rose-colored flowers, having a white eye, with small percentage of varied shades. Pkt. 15 cts.

1188. **LEMON VERBENA (Citriodora).** Every garden should have a few plants of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. Pkt. 10 cts.

1190. **GRANDIFLORA MAMMOTH MIXED.** Pkt. 5 cts., oz. 80 cts.

VINCA (Periwinkle). Annual

Very handsome plants about 1 ft. high. Dark, glossy foliage, in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week. 1 to 1 1/2 ft.

1195. **MIXED COLORS.** Pkt. 10 cts., 1/8 oz. 15 cts.

VIOLA ODORATA (Sweet-scented Violet) HP.

1205. Fragrant, early spring-blooming plants. Fine mixture. Seed germinates very slowly. Pkt. 10 cts., 1/4 oz. 50 cts.

WALLFLOWER (Cheiranthus) A.

A class of free-flowering plants which are particularly valuable for bedding. Flowers bloom in spring, borne in long spikes, sweet-scented, a splendid range of colors from bright yellow through shades of red to brown.

1210. **SINGLE MIXED.** Pkt. 10 cts., 1/4 oz. 25 cts.

WILD CUCUMBER (Echinocystis) A.

1215. A very rapid-growing vine with white flowers. Pkt. 5 cts., oz. 15 cts.

XERANTHEMUM (Everlasting Flower) A.

1220. **DOUBLE MIXED.** One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 ft. high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors. Pkt. 5 cts.

ZINNIA (Youth and Old Age)

They are annuals very easily grown and bloom continuously from early summer until frost. These may be sown in the latter part of March in boxes or outdoors in May. If transplanted, it should be done at an early stage.

1230. **TALL ROBUSTA or GIANT DOUBLE.** Very fine strain. Scarlet, canary, violet, crimson, flesh-pink, purple and mixed. Pkt. 15 cts., oz. \$2.00.

1231. **CURLED AND CRESTED, DOUBLE.** Petals curiously twisted, curled; mixed colors. 1 1/2 ft. Pkt. 10 cts., oz. 60 cts.

1232. **JACQUEMINOT.** Height 1 1/2 ft. Fine for edging. Dwarf, double, crimson flower. Pkt. 5 cts., oz. 75 cts.

1233. **DWARF DOUBLE MIXED.** Pkt. 5 cts., oz. 60 cts.

1234. **CACTUS-FLOWERED, DWARF.** Pkt. 10 cts., oz. 60 cts.

THE CHILDREN'S FLOWER GARDEN

The little ones want a garden all to themselves. They love to plant the seeds, watch their sprouting growth, and final flowering. Give them a bit of ground all their very own to have and to hold, to dig and to sow, to plant and to reap the beauty of blossoming things.

We have carefully selected certain varieties of seeds which grow, so to speak, by themselves with the least care, all annuals, which sprout rapidly, the little folk being the most eager for results. A little seed, a bulb or two, a few pennies worth, and the child will know more real joy and pleasure than many a one with the largest estate tended by skilled gardeners.

SEEDS THAT WILL GROW WITH LITTLE CARE

Asters, early flowering	Zinnias	Balsams
Calendula	Sweet Alyssum	Cosmos
Centaurea (Bachelors' Button)	Candytuft	Marigold
Petunias	Eschscholtzia	Portulaca
Sweet Peas	Poppies	Pinks
Verbena	Ricinus	Annual Phlox
	Mignonette	
	Nasturtiums	

The 20 packets for 50 cts.
10 packets, your choice, 30 cts.
5 packets, your choice, 20 cts.

**LET HOLMES-LEATHERMAN
MAKE YOUR GARDEN BEAUTIFUL
THEY WILL MAKE YOUR GARDEN BLOOM
FROM SPRINGTIME UNTIL FROST**

BULBS AND ROOTS FOR SPRING PLANTING

TUBEROUS BEGONIAS

Bloom constantly during the summer. Desirable both for pots and beds. Flowers large, brilliant. Bulbs 1 1/2 in. and up in dia.

GIANT-FLOWERED SINGLE

Crimson, red, scarlet, pink, yellow, orange, white and salmon. 10 cts. each, \$1.00 per doz., \$6.00 per 100. Mixed, 65 cts. per doz., \$4.75 per 100.

GIANT-FLOWERED DOUBLE

Crimson, scarlet, pink, yellow, white, orange, salmon. 15 cts. each, \$1.50 per doz., \$10.00 per 100. Mixed, \$1.00 per doz., \$8.00 per 100.



ELEPHANT EARS

CALADIUM ESCULENTUM

Elephant's Ear

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. Very frequently used as border plant about suburban residences, where their large, rich green leaves afford an excellent embellishment when contrasted with the colors of the dwellings. Leaves often measure 3 to 4 ft. long, 2 1/2 ft. wide.

	Each	Doz.
First-size Bulbs	\$0.10	\$1.00
Large-size Bulbs .....	.15	1.50
Mammoth-size Bulbs .....	.20	2.20
Jumbo-size Bulbs .....	.30	3.25

FANCY-LEAVED

For conservatory or greenhouse; also suitable for outdoors when weather has become warm, in partial shade where protected from strong winds. 20 cts. each, \$2 per doz., \$15 per 100.

CINNAMON VINE (Chinese Yam)

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. Each 5 cts., 3 for 25 cts., doz. 75 cts.

GLOXINIA

Flowers are gorgeous, foliage has a velvety appearance. Bulbs should be started in spring in a warm place. They require partial shade, liberal supply of water when growing. After blooming, water should be withheld, bulbs remain dry through the winter.

Four colors—Red, White, Blue and Spotted. Each 20 cts., 2 for 35 cts., 4 for 60 cts., doz. \$1.50.

LILY-OF-THE-VALLEY CLUMPS

For Outdoor Planting

Our Lily-of-the-Valley Clumps are extra selected, well grown and, if planted outdoors by the middle of April, will flower splendidly during May. If grown under the proper conditions, these clumps will increase rapidly, and every spring produce a profusion of dainty flowers. Extra-strong clumps, 35 cts. each, \$3.50 per doz., \$25 per 100.



LILIUM AURATUM

HARDY GARDEN LILIES

Perfectly hardy, should be in all gardens. For best effect plant in clusters of 3 or more.

AURATUM (GOLDEN BANDED LILY OF JAPAN)

Pure white, thickly studded with crimson spots, white, while through the center of each petal runs a clear golden band. Bloom July to October. 20 cts. each, \$2.00 per doz.

ALBUM

Large white flower with greenish band running thru the center of each petal. 15 cts. each, \$1.50 per doz.

SPECIOSUM RUBRUM

White shaded and spotted with rose and red. 15 cts. each, \$1.50 per doz.

LILIUM TIGRINUM (DOUBLE TIGER LILY)

Orange, spotted black. 15 cts. each, \$1.25 per doz.

MADEIRA VINE

CLIMBING MIGNONETTE

A beautiful vine, covering a large space in a short time. Protect with litter in this latitude. 5 cts. each, 25 cts. per doz.; by mail, 10 cts. per doz. extra.

TUBEROSES

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in Feb. or March in the greenhouse or hotbed; for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

EXCELSIOR DOUBLE PEARL

First size, 5 cts. each, 25 cts. per doz., \$2 per 100.



Excelsior Double Pearl Tuberoses

Sure to Flower

GLADIOLI

Plant Gladiolus Bulbs—
They Bloom for Everybody

Gladiolus are the most attractive and useful for cut flowers of all summer-flowering bulbs. Use any good soil, hoe and loosen, keep down the weeds, and with ordinary rainfalls they will flower by July because their sturdy growth is assured from the stored-up strength in the bulbs. A succession of blooms may be had from July to October by making plantings in April, May and early June, 10 days apart.

NIAGARA. Flowers $4\frac{1}{2}$ in. across, cream shade, blending to canary yellow on lower petals. Throat is faintly striped with carmine, lower ends of petals are also blushed with carmine. Ea. 10 cts., doz. \$1.25, 100 \$8.00.

PANAMA. Finest pink gladiolus. Ea. 10 cts., doz. \$1.25, 100 \$10.00.

MRS. FRANK PENDLETON, JR. Delicate salmon-pink, throat blotched red. Ea. 20 cts., doz. \$2.00, 100 \$15.00.

BESS WYANDT. White, overlaid pink, tips of petals edged pink. Flowers large. Ea. 15 cts., doz. \$1.50, 100 \$12.00.

PEACE. White with faint lilac markings on lower petals. Late bloomer. Ea. 10 cts., doz. \$1.00, 100 \$8.50.

GLORY (Ruffled). Creamy white, crimson stripe in center of each petal; ends of petals ruffled. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

AMERICA. Lavender pink. A fine cut flower of strong growth. Ea. 5 cts., doz. 40 cts., 100 \$2.00.

TACONIC. Pink, flecked, striped with shades of the same color. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

GLORY OF HOLLAND. White, with pink markings. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

EUROPA. Finest, pure white. Ea. 15 cts., doz. \$1.50, 100 \$10.00.

MRS. FRANCIS KING. A striking shade of light scarlet or flame color; one of the most effective both in the border and when cut. Ea. 5 cts., doz. 40 cts., 100 \$2.00.

SULPHUR KING. Pure deep sulphur yellow. Ea. 15 cts., doz. \$1.50, 100 \$12.00.

BARON HULOT (Blue Jay). Rich Indigo. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

GRENADIER. Scarlet ground, overlaid velvety orange. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

PRINCEPS. Rich crimson, with white blotches. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

EMPRESS OF INDIA. Rich velvety dark red with deeper shadings; one of the richest colored varieties. Ea. 10 cts., doz. \$1.00, 100 \$7.50.

WILLY WIGWAM. Soft rose with blood-red blotch. Ea. 12 cts., doz. \$1.25, 100 \$8.00.

HALLEY. Salmon-pink, creamy blotch, dark red stripes on lower petals; early. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

'HOLCO' SUPERB MIXED. Delightful mixture of large flowering hybrids, only refined and exquisite colors. Ea. 5 cts., doz. 40 cts., 100 \$2.00.

MIXTURE. All shades. Ea. 5 cts., doz. 25 cts., 100 \$1.75.



AMERICAN GLADIOLI

SELECTED CANNAS

Price, all varieties in strong roots, 10 cts. each, \$1.00 per doz. After May 1st, we supply Plants at 15 cts. each, \$1.50 per doz.

ALEMANIA. The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 ft. high.

ALPHONSE BOUVIER. Deep cardinal red, foliage green, height 6 ft.

BRANDYWINE. Cherry red, foliage bronze, height 4 ft.

BUTTERCUP. Clear yellow, foliage green, height 3 ft.

CRIMSON BEDDER. Deep red, foliage green, height 4 ft.

EGANDALE. Cherry red, foliage bronze, height 4 ft.

FIREBIRD. Fiery red, petals measure $2\frac{1}{2}$ in., foliage green, height 4 ft. Ea. 25 cts., doz. \$2.50.

GUSTAV GUMPFER. Orange-yellow, foliage green, height 4 ft.

PENNSYLVANIA. Flowers are extra large, often measuring 7 inches across, and on the inside are vermilion scarlet. Foliage rich green. 5 ft. high.

HUNGARIA. Rose-pink, foliage green, height 4 ft.

INDIANA. Soft orange, foliage green, height 6 ft.

KING HUMBERT. Orange scarlet, foliage bronze, height 4 ft.

RICHARD WALLACE. Canary yellow, foliage green, height 5 ft.

VENUS. Rose-pink, edged white, foliage green, height 3 ft.

WYOMING. Orange, foliage bronze, height 7 ft.

HOLCO PRIZE DAHLIAS

The choicest of their respective classes.
Our Dahlia roots are splendid, strong field grown clumps, plump, well ripened.

CULTURE

Dahlias require a light, open situation, a well-worked, moderately rich soil, deep and frequent cultivation. If the soil is heavy, use plenty of coal ashes. Plant any time from the first of May until the end of June, covering the tuber with 3 or 4 in. of soil and cutting out all but one or two stalks. For exhibition flowers thin freely.

NEW SUPERB DAHLIAS

MINNIE LETHERMAN. New chrysanthemum-shaped Dahlia; color rich creamy white shading to primrose. A new break in the Dahlia, strong roots. Each 75 cts.

JOHN WANAMAKER. New Peony Dahlia. Color orchid-pink, pronounced by many the handsomest Dahlia. Each 50 cts.

DOROTHY PEACOCK. New show Dahlia. Most exquisitely beautiful, bright shell pink, of large size. Each 25 cts., per doz. \$2.50.

GOLDEN WEDDING. A new decorative Giant in flower, color deep golden yellow, exhibition variety. Each 20 cts.

One each of the four new Dahlias FOR \$1.65. Purchased separately would cost \$2.20.

NEW CACTUS DAHLIAS

CHAS. H. CURTIS. Rich scarlet crimson, very large. Each 50 cts.

JOHANNESBURG. Monster flower, color amber gold, very fine exhibition variety. Each 25 cts.

RUTH FORBES. Clear pink without shading. Has no equal for table decoration. Each 25 cts.

SNOWDEN. Finest white cactus in cultivation. Each 40 cts.

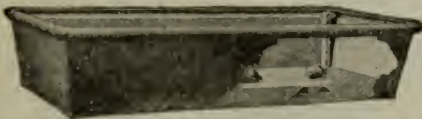
JUPITER. Best fancy cactus yet raised, ground pink, with yellow base striped and splashed fine crimson, flowers large. Each 50 cts.

One each of the five Cactus Dahlias FOR \$1.25. Purchased separately would cost \$1.90.

WE CAN SUPPLY ALL VARIETIES OF DAHLIAS

Frank Vogan, Woodland Ave., Canton.—“Your Bulbs and Plants have given excellent results. The Magnolia Tree and Roses were great.”

HOLCO SELF-WATERING FLOWER BOXES



WINDOW BOXES

9½ in. wide, 8 in. deep

No.	Length	Price	No.	Length	Price
1	23 in.	\$1.60	6	33 in.	\$2.10
2	25 in.	1.70	7	35 in.	2.20
3	27 in.	1.80	8	37 in.	2.30
4	29 in.	1.90	9	39 in.	2.40
5	31 in.	2.00	10	41 in.	2.50

PORCH BOXES

12 in. wide, 9 in. deep

No.	Length	Price	“Illinois Junior.” Same construction but made of lighter iron, and not warranted.		
21	37 in.	\$3.00	8 in. wide, 7 in. deep		
22	41 in.	3.40	No.	Length	Price
23	45 in.	3.75	324	24 in.	\$1.25
24	49 in.	4.00	330	30 in.	1.50
25	53 in.	4.25	336	36 in.	1.75

Crane.—“Flowers are the sweetest things God ever made and forgot to put a soul into.”

SUMMER BEDDING PLANTS

These are thrifty specimens which will give good results under proper treatments.

Ready for shipment during April, May and June

Customers ordering bedding plants would favor us greatly, if convenient to them, by sending in their orders as early as possible, at the same time naming a shipping date; otherwise we send plants as soon as they are ready for delivery. It is also a great help, especially when late delivery is required, that we reserve good plants for these shipments, while we fill all orders with our best stock as received. It is also important that we should have orders in our possession about three days before shipment is required, that we may readily take care of the orders already on hand and allow time for filling new orders. We ship plant orders as soon as possible; but there are obstacles that hinder us at times beyond our control.

Bedding plants can be shipped by express only

GERANIUMS

Our stock very bushy, well shaped, carefully grown.

ALPHONSE RICARD

Bright scarlet, double, large flower trusses.

ARDENS

Vermilion scarlet, single flowers.

BEAUTE POITEVINE

Salmon pink, very double; one of the finest of the double kinds.

LA FAVORITE

Double, pure white.

MME. SALLEROI

Variiegated leaves, used extensively for edging and for this purpose flowers should be removed, as they are too small for effect.

S. A. NUTT

Rich crimson, double.

SNOWDROP

Pure white, single flowers.

Price of the above Geraniums, extra fine stock, 4-in. pots, 15 cts. each, doz. \$1.50, \$2.00 per 100.

AGRATUM

Ideal for massive bedding or edging. In variety. 10 cts. each, \$1.00 per doz.

ALYSSUM (LITTLE GEM)

Pure white flowers, dwarf. 10 cts. each, \$1.00 per doz.

ANTIRRHINUM (SNAPDRAGON)

Effective plants for bedding and border planting. If flowers are cut off after blooming they will continue until frost. In separate colors. Pot plants. 10 cts. each, \$1.00 per doz.

ASTERS

We furnish the seeds to our grower and know what we are selling as to color and variety. Extra strong. Pot plants. 8 cts. each, 50 cts. per doz.

BEGONIAS

Bedding varieties suitable for sun and shade. Pot plants. 15 cts. each, \$1.50 doz.

CANNAS

Finest tall and dwarf varieties. Extra strong plants. 15 cts. each, \$1.50 per doz.

COSMOS

Giant flowering strain producing enormous long-stemmed flowers. Separate colors. Pot plants. 8 cts. each, 50 cts. per doz.

CENTAUREA (DUSTY MILLER)

For edging flower beds and borders. Strong plants. 8 cts. each, 50 and 75 cts. per doz.

COLEUS

Used for edging Canna and Geranium beds.

VERSCHAFFELTII

Rich velvety crimson.

GOLDEN BEDDER

Golden yellow.

QUEEN VICTORIA (Pot Plants)

Red with a yellow edge. 15 cts. each, \$1.50 per doz.

DRACAENA (FOUNTAIN PLANT)

Used as a centerpiece for a round bed, urn or vase; light green foliage. Plants 35 cts. Strong large plants 50 cts. and 75 cts. each.

DAISY (ENGLISH GIANT FLOWERING)

10 cts. each, \$1.00 per doz.

FUCHSIA (LADY'S EAR DROP)

Pretty bell flowers, appear abundantly, if plants are set in semi-shaded location. 15 cts. ea., \$1.50 per doz.

HELIOTROPE

This is a fine bedding plant, flowers all summer; the fragrance cannot be approached by any other annual plant. 10 cts. each, \$1.00 per doz.; 4-in. pots 15 cts. each, \$1.50 per doz.

IVIES

Parlor. 10 cts. each, \$1.00 per doz.

LOBELIA

Blue flowering plants, for edging and hanging baskets; when ordering state for which they are desired.

SPECIOSA

Trailing variety for baskets, urns, etc.

COMPACTA

For bedding, edging, etc. Pot plants. 10 cts. each, \$1.00 per doz.

MOON-VINES

10 cts. each, \$1.00 per doz.

PANSIES

"Giant Exhibition Strain." Never buy overgrown Pansy plants. We always furnish young plants in their first bloom, which transplant easily, and, if watered during dry season will bloom until late autumn. For best results the flowers should be gathered and all seed-pods cut off. 50 cts. per doz.

PETUNIAS

Of the annual flowers, this is probably the most universal; can be put to a variety of uses, bedding, baskets, window boxes or urns; flower continuously.

GIANT SINGLE STRAIN

In mixed colors, 3-in. pot plants, 10 cts. each, \$1.00 per doz.

DOUBLE PETUNIAS

All colors. 3-in. pot plants. 15 cts. each, \$1.50 per doz.

RICINUS (CASTOR OIL PLANTS)

Make stately plants for lawn effects. Claimed they keep moles away. All colors, pot plants, 15 cts. each, \$1.50 per doz.

SALVIA

Flowering Sages are among the most brilliant, showy annuals. Varieties are most effective when planted in masses, or in the border of shrubbery. All pot-grown plants, 50 cts. and 75 cts. per doz.

SNAPDRAGON (See Antirrhinum)

VERBENAS

One of the freest flowering annuals. We can supply a fine assortment of varieties and colors, plants are extra strong and robust. Pot plants. 15 cts. each, \$1.50 per doz.

PORCH BOXES

Filled from 50 cts. per lineal foot up. We have a large variety of plants suitable for boxes and vases in sunny and shady locations. Representatives will be pleased to call and furnish estimates. Planting is done by competent gardeners, all orders given prompt attention.

BEST EVERBLOOMING ROSES

Our Roses are exceptionally strong and worth ten times more than Roses grown on marshy, wet soil, such as are generally offered at a low price. This class of Roses are continuous bloomers the entire summer, but are not entirely hardy in this section, and should be protected during the winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect the roots with 5 to 6 in. of well-rotted manure. This will give added strength to the plants, and additional bloom the following summer.

The following varieties have been selected with a view to giving the amateur Rose enthusiast an opportunity to get the best varieties that will give a goodly share of blooms throughout the summer and autumn months, as well as to meet the requirements of those wishing the best varieties to select from, and being limited as to the amount they can spend.

Prices: Any of the following in strong two-year-old plants, 50 cts. each; \$5.00 per dozen.

ARTHUR GOODWIN. Color of flower is a beautiful rich-colored coppery-orange.

GENERAL MacARTHUR. A flower of good double form, of rich crimson-scarlet.

GEORGE DICKSON. Large, globular flowers of velvety-black scarlet-crimson with brilliant scarlet tips. Blooms, 5 in. across.

JONKHEER J. L. MOCK. The flowers are of a deep pink and outside of petals silvery rose-white.

KILLARNEY BRILLIANT. Color bright, sparkling pink, shading to white. Very fragrant, hardy and extremely free-flowering.

MRS. AARON WARD. Color is a distinct shade of Indian-yellow which is more decided in dry than wet weather.

CAROLINE TESTOUT. Bright satiny rose, center a trifle brighter.

KAISERIN AUGUSTA VICTORIA. Color is a soft pearly-white, tinted with lemon in the center.

LADY ASHTOWN. Color a soft rose, shading to yellow.

DUCHESS OF WELLINGTON. Intense saffron-yellow stained with deep crimson.

LYON. Shrimp-pink at end of petals, center coral-red or salmon shaded with chrome-yellow; making a most distinct and charming combination. Flowers large and full; very fragrant.

PRINCE DE BULGARIE. Large, double flowers of a silvery flesh color, shaded with salmon rose.

THE "BEST" HARDY GARDEN ROSES

HYBRID PERPETUALS

The plants offered are unquestionably the best that can be selected in the Hybrid Perpetual class. Exceptionally heavy two-year-old stock, which will, under conditions, give a full crop of flowers this season; and while their main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn.

Prices: Any of the following in strong two-year-old plants, 50 cts. each; \$5.00 per dozen.

CAPTAIN CHRISTY. Delicate, flesh-tinted white; a large, full flower of good form.

FRAU KARL DRUSCHKI. This is the ideal hardy white Rose, pure in color and perfect in form.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson.

GEORGE ARENDIS or PINK FRAU KARL DRUSCHKI. This is a rose-colored form of the popular white rose. Large size and highly perfumed.

GLOIRE de CHEDANE GUINOISSEAU. Large flower, bright vermilion-red with velvety shading.

GLOIRE LYONNAISE. White, tinted with yellow. **LUDWIG MOLLER or YELLOW FRAU KARL DRUSCHKI.** Light yellow, showy. Extra fine.

MRS. R. G. SHARMAN CRAWFORD. Deep rosy-pink outer petals shaded with pale flesh.

MRS. JOHN LAING. Soft pink, free flowering.

PAUL NEYRON. Dark rose, of enormous size.

PRINCE CAMILLE de ROHAN. Deep velvety crimson-maroon, shaded scarlet.

ULRICH BRUNNER. Bright cherry-red; flowers large and full; a good strong grower and always does well.

HARDY CLIMBING ROSES

The following varieties of Rambler Roses, while few in number, might easily be considered as being among the very best. It is our aim to list only those of distinct merit. All Climbing Roses offered are two- and three-year-old plants, and must not be confounded with inferior stock offered at cheap prices.

AMERICAN PILLAR. Single-flowering variety, a rare beauty, flowers often measuring 3 in. in dia., of a beautiful shade of pink, are borne in large clusters and last a long time.

CLIMBING AMERICAN BEAUTY. A fine new, free-blooming climber of excellent habit, strong and vigorous in growth; rosy crimson flowers, produced freely in June; very fragrant; a fine Rose.

CRIMSON RAMBLER. This favorite is well-known; one of the first introduced; beautiful crimson; flowers borne in huge clusters.

DOROTHY PERKINS. A splendid climber; bright, glossy foliage that always looks healthy, and beautiful clusters of pink flowers. It is highly recommended for general planting.

EXCELSA. Healthy dark, glossy green foliage. The flowers are double, produced in large trusses of 30 to 40, and almost every eye on a shoot produces clusters of flowers. The color crimson-maroon, the tips of the petals tinged with scarlet. The individual flowers are very large for a climbing Rose, being similar to those of General Jacqueminot, only the petals are of a more loose form.

Prices: Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per dozen.

HARDY CLIMBING PLANTS

Ampelopsis Veitchii Sometimes called Boston Ivy and Japan Ivy

This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 ft. in 2 or 3 years; clings to stones, brick or woodwork with the greatest tenacity. During the summer the leaves are a rich shade of green and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance. **First-size plants, each 25 cts., per doz. \$2.50.**

English Ivy (Quinquefolia)

Choice variety, with small, glossy green foliage, and disc-like tendrils, which enable the vines to attach themselves to stone and woodwork. Particularly desirable where the Boston Ivy is not sufficiently hardy, or where a more rustic effect is desired. **Each 50 cts., per doz. \$5.00.**

Aristolochia Sipho (Dutchman's Pipe)

A native species, of climbing habit and rapid growth, with magnificent light-green foliage 10 to 12 in. in diameter, and curious, pipe-shaped, yellowish-brown flowers. **Each 50 cts., per doz. \$5.00.**



ARISTOLOCHIA SIPHO
(Dutchman's Pipe)

CLEMATIS

The Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate. Many failures in the growing of Clematis are the results of too shallow planting. The crown of the roots should be set at least 3 in. below the surface of the soil.

SMALL-FLOWERING CLEMATIS PANICULATA (Japanese Virgin's Bower)

This handsome, hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. The plant is of strong, rapid, growth, with small, dense, cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber. The flowers appear in the greatest profusion during August, and continue until late in the fall, are white in color and most deliciously fragrant. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, in any position where a graceful vine is desired. Selected, extra strong plants. **Each 50 cts., per doz. \$5.00; strong 2-year-old plants, each 25 cts., per doz. \$2.75.**

LARGE-FLOWERING CLEMATIS JACKMANI

The best-known and most-valued variety of this popular family. A perfect mass of bloom when in full flower. Color dark, rich, royal purple. **Each 50 cts., per doz. \$5.00.**

HENRYI

Pure white; large and remarkably handsome. **Each 50 cts., per doz. \$5.50.**

JAPANESE KUDZU VINE

These roots are imported from Japan, and will, if planted early, grow 20 to 30 ft. the first season. Very hardy and a first-class vine for general use. We offer selected, strong plants, for immediate effect. **Each 30 cts., per doz. \$3.00.**

HONEYSUCKLE

HALLIANA (Hall's Japan Honeysuckle)

A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants. **Each 50 cts., per doz. \$5.00.**

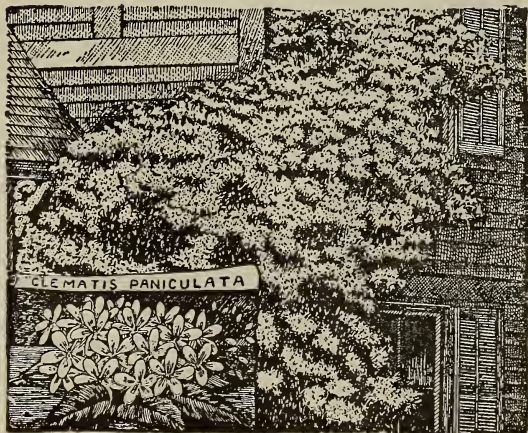
SCARLET TRUMPET HONEYSUCKLE

This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. **Each 30 cts., per doz. \$3.00.**

WISTARIA

SINENSIS (Chinese Wistaria)

A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 16 ft. in a season. Flowers pale blue; each 50 cts., per doz. \$5.00. Extra-strong plants, out of 6-in. pots, each \$1.00, per doz. \$10.00.



HARDY ORNAMENTAL SHRUBS

All our Shrubs are large, vigorous and well rooted

Shrubbery is one of the necessities of the home garden and lawn decoration, for scarcely a house is to be found without some planting of this sort. Shrubs can be selected that will bloom consecutively from early Spring until late Fall. The planting of shrubs is usually done in the Spring, but we recommend planting in the Fall as well as Spring. Ready for delivery March to May—October and November.

Shrubs sent by express only. Where there is no express office, and it is necessary to send by Parcel Post, we will, upon application, advise the amount needed for postage.

ALTHEA (Rose of Sharon)

Popular flowering shrubs, coming in flower in July or Aug., when few shrubs are in bloom. The plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a pretty flowering hedge. Three-year-old plants, single flowers, in white, pink or purple. 35 cts each, \$3.50 per doz.

CORNUS (Dogwood)

SIBIRICA. In the winter this is the most showy of all the shrubs, standing out bright and cheerful with its brilliant red bark. It should be planted in groups where its color effect is visible at a distance. It has healthy, compact foliage, white flowers and white berries. 2 to 3 ft. 35 cts. each, \$3.50 per doz.

CRATAEGUS (Hawthorn)

Rich, brilliant scarlet flowers; very free-flowering sort; quite the finest Hawthorn. 75 cts. each, \$8.50 per doz.

DEUTZIA

GRACILIS. Of dwarf, bushy habit; the racemes of white flowers completely cover the plants, making it one of the most attractive shrubs of the season, blossoming in June.

LEMOINEI. The branches are entirely covered with erect panicles of large, snow-white flowers, quite distinct from all other Deutzias; one of the best dwarf varieties. 30 cts. each, \$3 per doz.

FORSYTHIA

VRIDISSIMA. Bright yellow flowers, which appear early in the spring.

SUSPENS. Yellow; drooping habit. 30 cts. each, \$3 per doz.

HYDRANGEA

PANICULATA GRANDIFLORA. One of the most popular shrubs in cultivation, blooming at a time when few other shrubs are in flower. The immense panicles of pure white flowers, which appear in Aug., turn to a delicate pink, remaining until late in the autumn. Spikes of flowers have been known to measure 12 in. long by 22 in. in circumference. Extra strong plants, 4 to 5 branches. 30 cts. each, \$3.00 per doz.

STANDARD. About 4 ft. high, well branched (stems 2½ ft.). 75 cts. each, \$8.00 per doz.

LILACS (Syringa)

CHARLES X. A strong, rapid-growing variety, with large, shining leaves; trusses large, reddish-purple.

MAD. LEMOINE. Large panicles of pure white, double flowers. A splendid sort. 50 cts. each, \$5.00 per doz.

MALUS (Fragrant-Flowered Crab)

PARKMANNI. From Japan. Each bud produces regularly 5 blossoms set on stems 3 in. long, which are so slender that they bend with the weight of the buds, and bloom in a very graceful fashion. The buds are carmine in color. The open blossoms are semi-double; the tree when in bloom presents a most gorgeous appearance. 75 cts. each.

SAMBUCUS (Elder)

GOLDEN ELDER. One of the most showy shrubs grown, on account of its golden foliage. Very desirable for ornamenting lawns. 35 cts. each, \$3.50 doz.

SPIRAEA

ANTHONY WATERER. A fine new dwarf Spiraea with dark crimson flowers. One of the finest shrubs of recent years. 35 cts. each, \$3.50 per doz.

VAN HOUTTEI (Bridal Wreath). Without doubt the finest of Spireas. At the flowering season in May and early June, the plant is covered with a mass of white flowers, presenting a beautiful appearance. 30 cts. each, \$3.00 per doz.

SYRINGA (Mock Orange)

CRONARIUS (Garland Mock Orange). This is the popular well-known variety; very sweet, and one of the first to flower.

GRANDIFLORUS (Large-flowered Syringa). Has very showy, large flowers, slightly fragrant; branches somewhat straggling. 35 cts. each, \$3.50 per doz.

VIBURNUM (Snowball)

OPULUS (High Bush Cranberry). One of the best for general planting. The leaves are broad and elegant, and the fall-borne, bright scarlet berries catch the eye late into the winter.

PLICATUM (Japan Snowball). Of moderate growth; handsome; globular heads of pure white, neutral flowers early in June. It surpasses the common variety in several respects. Its habit is better, foliage much handsomer, flowers whiter and more delicate. 35 cts. each, \$3.50 per doz.

WEIGELA

ROSEA NANA VARIEGATA. Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. 30 cts. each, \$3 doz.

EVA RATHKE. The finest Weigela in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 30 cts. each, \$3.00 per doz.

Mr. G. H. Raub, gardener to Mrs. L. Laven, Cleveland, O.—"I have found your seeds again this year as usual, absolutely reliable. Among other things your shrubbery and bulbs were excellent."

Mrs. J. B. Dougherty, New Berlin, O.—"I had a wonderful bed of your Snapdragons. They were very gorgeous."

HARDY RHODODENDRONS

No plants are more gorgeous or effective than these, even when not in flower and the evergreen plant is attractive, the immense flower heads which appear in May almost cover the plant which increases in size and beauty each year.

They require good garden soil, which should be dug 30 to 36 inches deep and mixed with peat or leaf mould. When Rhododendrons have finished blooming, the old flower should be cut off; this ensures blooms the following season.

ALBUM ELEGANS. Pure white, gigantic flower heads.

CHAS. DICKENS. Red, a shade between light and dark.

EVERESTIANA. Lavender, very delicate and of great beauty.

ROSEUM ELEGANS. Rose-pink, large flowers.

JOHN SPENCER. Red, a rich glowing shade.

Price of any of the above, 18 to 24 in. high, with plenty of buds, \$1.75 each, \$18.00 per doz.

MAGNOLIAS

The following three sorts are of Japanese and Chinese origin. All are of dwarf habit and assume more readily the bush form.

ALBA SUPERBA. A choice variety, producing light pink flowers in profusion the first week of May. Selected plants, 3 ft., \$2.00 each.

LENNEI. Its deep, dark purple flowers are cup-shaped and large; open in June and borne profusely. Selected plants, 3 ft., \$2.50 each.

SOULANGEANA. Perhaps the most popular of all Magnolias, being of vigorous growth and blooming profusely. The flowers are large, pink on the outside of petals and white inside. Selected plants, 3 ft., \$2.00 each.

JAPANESE MAPLE

The hardiest of the colored-leaved forms, and is more largely planted, the blood-red foliage making it a strikingly handsome and conspicuous tree. Trees are dwarf in habit, seldom attaining a height of more than 3 feet. Fine plants. \$1.50 each.

HEDGE PLANTS

Early Spring and Autumn are favorable seasons for planting hedges. The plants are heavy and bulky for shipment by mail; in fact it is safe to ship hedge plants by freight to most points, as they carry well and the cost of transportation is much less than by express.



HEDGE OF CALIFORNIA PRIVET

CALIFORNIA PRIVET. One of the most satisfactory plants for hedges known at the present time. Glossy green foliage, easily kept in shape, and of fine symmetrical shape naturally.

Height	Doz.	100	1000
1-yr.-old, 18 to 24 in., 3 to 4 br.....	\$0.60	\$3.00	\$25.00
2-yr.-old, 24 to 30 in., 5 to 8 br.....	.75	4.00	37.50
2-yr.-old, 30 to 36 in., 8 to 10 br.....	1.00	5.00	45.00

BERBERIS THUNBERGII. A pretty species of dwarf habit; small foliage, changing to a beautiful coppery red in autumn. Showy orange-yellow flowers in May, and succeeded by bright red fruit; very hardy, and the best low-growing hedge plant. Also valuable to grow as a shrub. Plant 12 to 15 in. apart.

1 to 1½ ft.....	Doz. \$1.75; 100, \$12.50
1½ to 2 ft.....	Doz. 2.00; 100, 15.00
2 to 2½ ft.....	Doz. 4.00; 100, 27.50

Special prices on large lots.

BOXWOOD. Ready after April 15. Fine for planting out as individual specimens in the lawn or along paths and drives. We have imported a large number of these desirable plants in pyramidal form and in natural or untrimmed state. The last named can be used for hedge effects, as individual specimens in porch or window boxes.

Pyramidal Shaped Boxwood (in Tubs).

2½ ft. high.....ea.	\$2.50	4 ft. high.....ea.	\$6.00
3 ft. high.....ea.	3.00	5 ft. high.....ea.	9.00
3½ ft. high.....ea.	4.50		

Bush Shaped Untrimmed Boxwood.

10 in. high, 40 cts. each; doz.	\$4.00
12 in. high, 50 cts. each; doz.	5.00
15 in. high, 75 cts. each; doz.	7.50
18 in. high, \$1.00 each; doz.	10.00
24 in. high, 2.00 each; doz.	20.00

HORTICULTURAL IMPLEMENTS AND GARDEN REQUISITES

The Coldwell (SELF-ADJUSTING BALL-BEARING) Lawn Mower

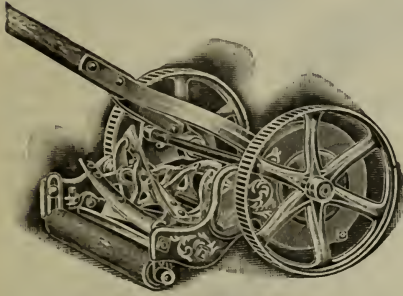
THE EMPEROR OF LAWN MOWERS

DOUBLE CUTTING BLADE
NOISELESS

LIGHT RUNNING
DURABLE

ALWAYS SHARP
CRUCIBLE STEEL

We guarantee every Genuine Coldwell Mower. Will replace, free of charge, all defective parts.



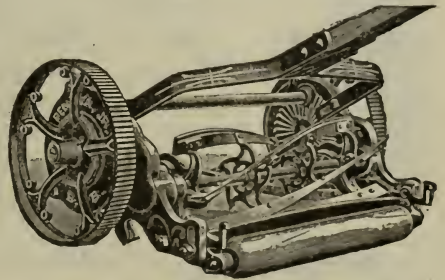
COLDWELL LAWN MOWER

COLDWELL BALL BEARING

While the Coldwell is especially adapted to cutting fine lawns, its long wheel base adapts it to going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10-in. wheel, 4 blades, steel, oil-tempered; lower blade is double and is also steel, oil-tempered. The Coldwell will cut grass 6 in. high, will not jump, as many low-priced machines do. Will outlast any mower. Prices, 14 in. \$9.50, 16 in. \$11.00, 18 in. \$12.00, 20 in. \$12.50.

PENNSYLVANIA JUNIOR BALL-BEARING

The perfection of Lawn Mowers. The Pennsylvania Junior has all the good features incorporated in a perfect Lawn Mower. The five revolving blades are driven by a triple set of gears and a 10-in. traction wheel from each side. The revolving blades and the bottom knife are the best crucible tool-steel, oil-tempered and water-hardened. The Pennsylvania Junior is capable of cutting grass 6 inches high. Will not jump, as many of the lower-priced machines do.



PENNSYLVANIA JUNIOR BALL BEARING

Size	Net Weight	Price
15-in. cut	48 lbs.	\$16.00
17-in. cut	51 lbs.	18.00
19-in. cut	53 lbs.	20.00

GREAT AMERICAN MOWERS

A double-gearred Mower which gives fine results, and is of lasting qualities; 10½-in. high wheel, 5-blade cylinder, ball bearing.

15-in.....\$11.00	17-in.....\$12.00	19-in.....\$13.00	21-in.....\$14.00
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SUBURBAN MOWER

Ball bearing.

14-in.	\$5.00
16-in.	5.50
18-in.	6.00

GREENWOOD MOWER

High wheel; ball bearing.

12-in.....\$3.50	16-in.....\$4.00
14-in..... 3.75	18-in..... 4.25

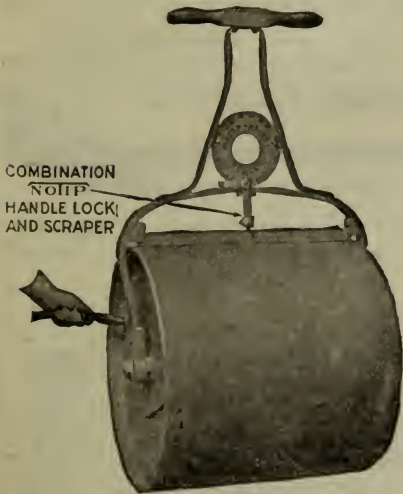
DUNHAM WATER BALLAST ROLLERS

The proper roller for most any occasion; fill it with water, which will weight it up to any number of pounds desired, as shown below; 24 in. in dia., can be had in one or two sections. Equipped with roller axle bearings. The two-section roller is desirable on account of its not disturbing the turf or ground when being turned.

No.	Sections	Diam.	Width	Weight Empty	Weight Filled with Water	Price
5	1	18 in.	24 in.	80 lbs.	310 lbs.	\$10.00
7	1	24 in.	24 in.	115 lbs.	500 lbs.	13.50
11	2	18 in.	24 in.	100 lbs.	330 lbs.	16.00
15	2	24 in.	24 in.	140 lbs.	500 lbs.	18.50

We can also supply other sizes of Water Ballast Rollers.

WE CARRY IN STOCK MOWERS FROM \$2.50 UP TO \$30.00



COMBINATION
KNOB
HANDLE LOCK
AND SCRAPER

RUBBER HOSE



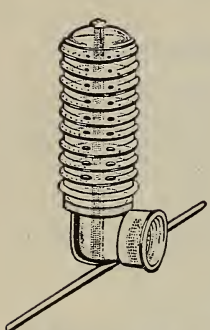
ELECTRIC NON-KINKABLE

Best hose, finest quality of rubber. Will not kink and will last for years. We can supply any length and will fit with hose couplings if advised when ordering. 1/2-in. and 3/4-in. Per ft. 14 cts.

RELIABLE

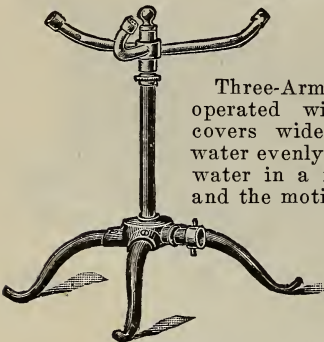
A first-class smooth hose, will give good satisfaction. 1/2-in. and 3/4-in. Per ft. 12 cts.

LAWN SPRINKLERS



PAY FOR THEMSELVES IN SAVING OF WATER AND TIME

The only one that will sprinkle square corners and does not waste the water. It always has a dry side so that you can change position without getting wet. Made in six different shapes, as per cut. Order shape best suited to lawn. Each \$2.50.



PRESTON SPRINKLER

Three-Arm Lawn Sprinkler, can be operated with moderate pressure, covers wide area, and distributes water evenly. Revolving arms throw water in a fine spray into the air, and the motion produces a fine mist. Height 1 ft. Each \$1.25, 3 for \$3.45.

HOSE NOZZLES

JUSTRITE

SPRAY NOZZLE



3/4-in. Hose. Can be regulated to give three different streams. Each 35 cts. and 50 cts.



MAGIC

Brass Hose Nozzle, 3/4-in. Has a shut-off, a stream and a rose spray. Without rose, 70 cts., with rose \$1.00.

BORDEAUX SPRAY NOZZLE

A good nozzle for white-wash and all heavy spray materials. Each 90 cts.



PERFECT CLINCHER MENDER

HOSE MENDERS

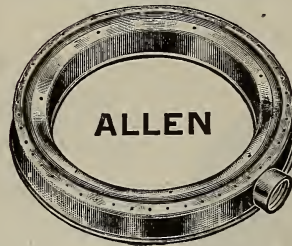
PERFECT CLINCHER 1/2-in. or 3/4-in. Each 10 cts., per doz. \$1.00.

It's Double Acting



The Same Spray With Half The Labor \$4.50.

RING LAWN SPRINKLER

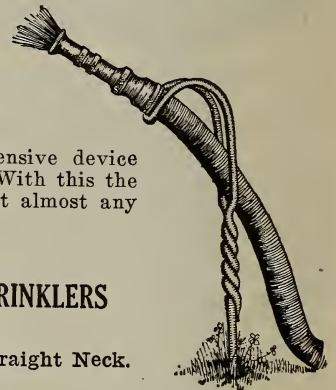


ALLEN

The Allen Ring Sprinkler is not to be compared with the cheaper Ring Sprinklers. It is made of brass, firmly constructed and guaranteed to stand the water-pressure of any municipal water-works in the United States. Each 60 cts.

SYKES HOSE HOLDER

A simple and inexpensive device for holding the hose. With this the nozzle can be placed at almost any angle. Each 25 cts.



RUBBER PLANT SPRINKLERS



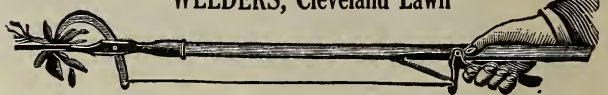
Straight Neck.

- No. 1\$1.00
- No. 290
- No. 460

Angle Neck.

- Large\$1.00

WEEDERS, Cleveland Lawn



Chisel blade; trigger holds weeds so they can be pulled out. Each 60 cts.



PERMANENT LABEL HOLDERS

To Stick in Ground.

It is made with an 18-in. prong to thrust in the ground, carrying an inclined frame-holding name card and mica protector. It is just the thing for labeling shrubs, herbaceous plants, etc. Each 15 cts., per doz. \$1.75.

SOMETHING YOU OUGHT TO HAVE

KIRKE SYSTEM

Fertilize while Watering

or

Destroy Insects



An ingenious, scientific method of combining in one operation the several others formerly attendant upon fertilizers and insecticides for lawns, garden and shrubbery.

The only clean, odorless, positively active, easily handled, practicable, economical and efficient method of destroying insects or fertilizing, requiring no additional labor or experience.

It abolishes the use of unsanitary stable manure, so objectionable because of its disagreeable odors and the great abundance of weed-seeds it contains. It abolishes the use of cumbersome hand pumps, hand sprayers, carts and wagons, etc., for distributing insecticides and fertilizers.

Without an experimental feature—will work as well for you as for the thousands all over the country who already enjoy its benefits.

“KIRKE SYSTEM”—Once Used—Always Used
Write for booklet containing further description, planting tables, etc.

	Prices	Each	½ Doz.	Doz.
Kirke Cartridge Container.....	\$2.00			
Kirke Fertilizer Cart. ....	.20	\$1.10	\$2.00	
Kirke Tobacco Insecticide.....	.30	1.60	3.00	
Kirke Arsenate of Lead.....	.38	2.15	4.00	
Kirke Bordeaux Cartridges..	.25	1.35	2.50	
Kirke Angeworm Destroyer..	1.00	6.00	12.00	
Kirke Fly Maggot Destroyer	.30	1.60	3.00	
Kirke Sulphur Cartridge .....	.30	1.60	3.00	
Kirke Salt Cartridge .....	.10	.60	1.00	

THE “KIRKE SYSTEM” SPRINKLING CAN PLANT FOOD

Per box (12 tablets)	\$0.30
Per carton of six boxes (72 tablets).....	1.60
Per carton of twelve boxes (144 tablets)	3.00



HEDGE SHEARS

GRASS SHEARS

A two-piece Shear. A very simple but practical-locking device holds the Shear together; easily separated when blades require sharpening. Made of the best crucible tool-steel; polish finish. One size only, 6½-in. blade, 50 cts. and 75 cts.

Grass Edging or Border Shears

Designed to trim the overhanging grass on borders, around flower-beds, fences and walks; 9-in. blades of high-grade tool-steel; polished handles and blades. Without wheel, \$2.25; with wheel, \$2.50.

Sickles or Grass Hooks

PERFECTION, each 50 cts. HOLCO QUALITY, each 45 cts. AMERICA, each 35 cts.



GRASS SHEARS



SICKLE

Edging Knives (with handles)

For trimming edges of paths, etc.

MEHLER EDGING TOOL	\$1.00
HOLCO QUALITY	1.00
ENGLISH .....	.75

D. M. Fulk, East Palestine, O.—“The tobacco stems have been received in good condition, fresh and strong. The best I have had for a long time.”



GARDEN REELS
\$1.85.



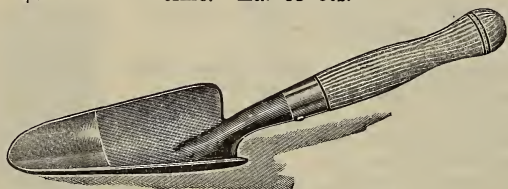
JOHNSON STEEL TROWELS

These are made of one-piece steel blade and shank, equal to the imported trowels. Ea. 50 cts.



HOLCO STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Will last a lifetime. Ea. 65 cts.



STEEL GARDEN TROWEL
Medium Handle, 25 cts.



CLEVES' ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn and transplanting. Each 20 cts.



HAND WEEDER, 25 cts.

Will work close to delicate plants, such as celery, onions, etc. 4½-ft. handle. Each 50 cts.



EXCELSIOR WEEDER
8 cts.



ACME ASPARAGUS BUNCHER

No. 1 makes bunch 3 to 3½ in. diam. No. 2 makes bunch 4 to 4½ in. diam. Length, adjustable, 7 to 9 in. Each \$1.75.



ASPARAGUS KNIVES

Straight Edge. Each 30 cts.
V-Shape. Each 35 cts.

We carry in stock many styles of Garden Tools.



MAGIC WEEDER
20 cts.



STEEL GARDEN SETS

For ladies and children.

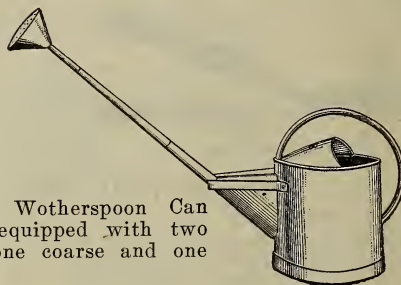
No. 1. Large size	\$1.00
No. 2. Medium size .....	.75
No. 3. Small size .....	.10



EUREKA WEEDING FORK
25 cts.

WATER CANS (Wotherspoon's)

Extra heavy with long spout. Will last for years.



Each Wotherspoon Can comes equipped with two roses, one coarse and one fine.

	Round	Oval
2 qt. (equipped with one rose only).....	\$1.25	
4 qt.	1.75	
6 qt.	2.00	\$2.25
8 qt.	2.25	2.60
10 qt.	2.50	2.85
12 qt.	2.85	3.10
16 qt.	3.50	3.75
12 qt. Manure Watering Can		3.00
4 qt. Fern or Low Watering Can		1.65

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine. Each 40 cts.

GALVANIZED WATER CANS

Fine for cemetery purposes and other places where a can is desired to last several seasons. (Not mailable.)

4 qt.	\$0.45	10 qt.	\$0.80
6 qt. ....	.60	12 qt. ....	.90
8 qt. ....	.70	16 qt.	1.40

Owing to lack of space, we had to omit many.

CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

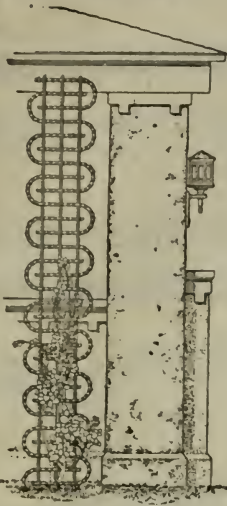
Any length desired up to 150 running feet.

13 in. wide, less than 150-ft. rolls, per ft. 14 cts.

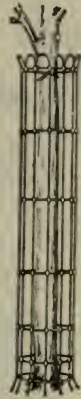
13 in. wide, in roll lots, 150 ft., per ft. 12 cts.

19 in. wide, less than 150-ft. rolls, per ft. 16 cts.

19 in. wide, in roll lots, 150 ft., per ft. 15 cts.



CONTINUOUS TRELLIS

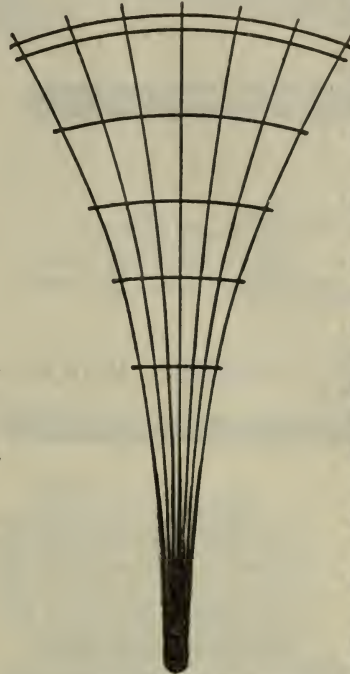


WIRE TREE GUARD

Carefully galvanized, 9 in. dia., each \$1.00, doz. \$11.00; 12 in. dia., each \$1.25, doz. \$13.00.

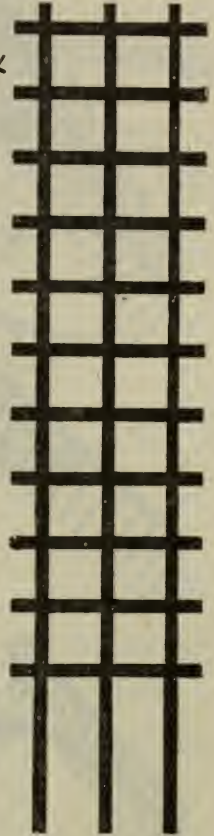
LATTICE TRELLIS

Made of wood and painted green; 18 in. wide. 6 ft. \$1.25, 8 ft. \$1.50, 10 ft. \$1.75, 12 ft. \$2.00. Larger sizes to order.



FAN TRELLIS

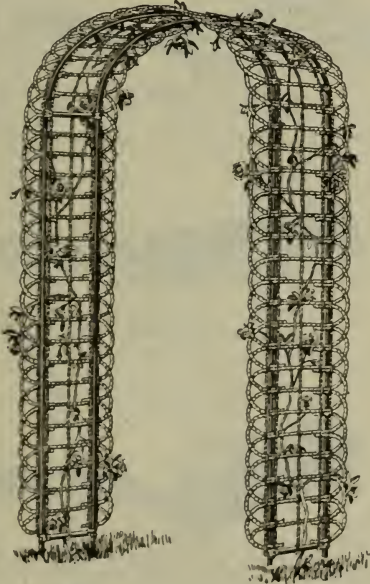
Made of wood, painted green. 18 in. 15 cts., 24 in. 20 cts., 30 in. 25 cts., 3 ft. 60 cts., 4 ft. 75 cts. 6 ft. \$1.25, 8 ft. \$1.75.



GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of heavy diamond mesh wire with strong frames. Per sq. ft. 25 cts.

Special heavy wire work arches can be supplied at lowest prices.



PUTTY BULBS

(See Cut)



The best appliance for distributing putty. One day's work by the old method of glazing can easily be done in four hours by the use of the distributor. Each \$1.00.

MASTICA

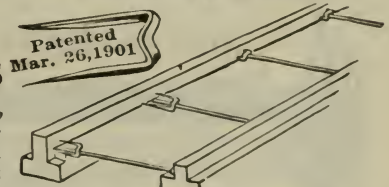
1/2 gal. 75 cts., 1 gal. \$1.40, 5 gal. \$6.75, 10 gal. \$13.25. Mastica Machine, each \$1.35.

TWEMLOW'S PUTTY

16-lb. can (1 gal.), \$1.65; 50-lb. kit (3 gal.), \$4.80; 80-lb. kit (5 gal.), \$8.00; 10-gal. kit, \$15.50; 1/2 bbl. (25 gal.), \$31.25; 50 gal., \$57.50.

"PEERLESS" GLAZING POINT.
(Improved Van Keyper.)

PEERLESS GLAZING POINTS



Carefully made, thoroughly galvanized, can be used on right or left side of sash bar. No. 2 for single-thick glass, No. 2 1/2 for double-thick glass. Per 1000, 65 cts.; per 5000, \$2.75.

SIEBERT'S STYLE POINTS (Zinc)

Three sizes, 5/8, 6/8 and 7/8 in. Per lb., 50 cts.; 10 lbs., \$4.75.

If want by mail add 10 cts. per 1000 for postage.

BERRY BOXES

1 qt., doz. 10 cts.; 100, 50 cts.; 1000, \$4.00.

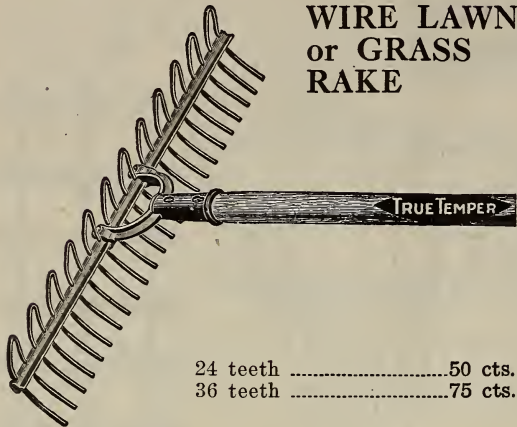
RAFFIA

For tying, basket making and fancy work; very long and fibrous.

NATURAL COLOR. Per lb., 25 cts.; 5 lbs. for \$1.00. COLORED. In all shades. Send for samples of color. Per 1/4 lb., 25 cts.; 1/2 lb., 45 cts.; 1 lb., 85 cts.

Allow for postage if Raffia is wanted by Parcel Post.

PRICES SUBJECT TO CHANGE



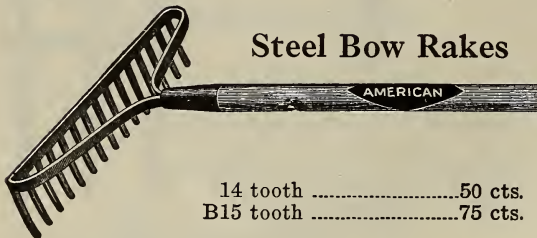
**WIRE LAWN
or GRASS
RAKE**

24 teeth50 cts.
36 teeth75 cts.



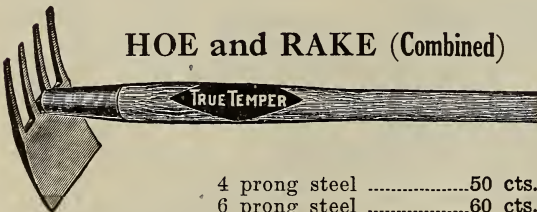
GARDEN RAKES

14 tooth35 cts.
15 tooth50 cts.
16 tooth75 cts.



Steel Bow Rakes

14 tooth50 cts.
B15 tooth75 cts.

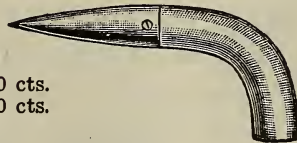


HOE and RAKE (Combined)

4 prong steel50 cts.
6 prong steel60 cts.

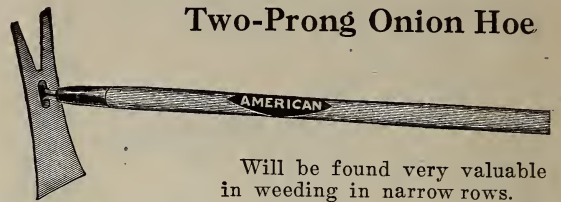
DIBBLE

Iron Point40 cts.
Brass Point70 cts.



MANURE DRAGS

For manure, potatoes, etc. Flat tines. 4 tine, 70 cts.

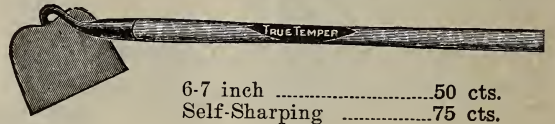


Two-Prong Onion Hoe

Will be found very valuable
in weeding in narrow rows.

No. 2P. Price\$0.45

SQUARE HOES (Solid Shank)



6-7 inch50 cts.
Self-Sharpening75 cts.



Steel Warren Hoe

60 cts.



STEEL SPADING FORKS

4 tine, 75 cts. 4 tine English, \$1.50



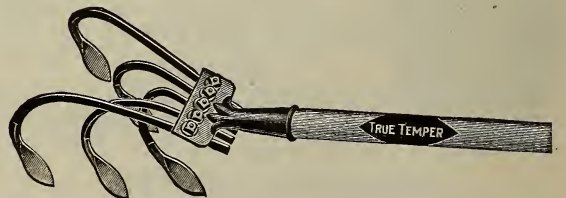
STEEL SPADES

Garden, 75 cts. Ames, \$1.35



STEEL SHOVELS (Long Handle)

Garden, Round point\$1.00
Ames, Round point 1.25



HOLCO INVINCIBLE CULTIVATOR

75 cts.

RHODES' DOUBLE CUT PRUNER

The most powerful Pruner made. Cuts from both sides of the limb, and does not bruise the bark. Long ferrules; handles do not pull out; blades are of the best forged steel. 30-in., \$2.50.

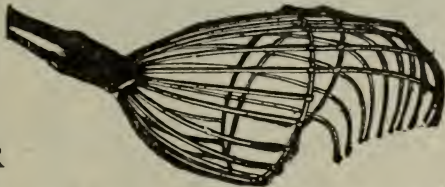


HOLCO PRUNING SWIVEL SAW



Very handy to use where the limbs are close together. The blade is adjustable to cut from any angle; it saves the trouble so often found when using ordinary Saws. Each \$1.25. Extra blades, each 40 cts.

HOLCO FRUIT-PICKER



Made of steel wire, heavily galvanized; can be attached to any pole. Each 30 cts.

HOLCO GRAFTING WAX

The best grade. 1/4-lb. pkg. 10 cts., 1/2-lb. pkg. 15 cts., 1-lb. pkg. 25 cts.

HOLCO WHITE-WASH AND SPRAY PUMP

Most excellent for use in gardens, greenhouses, orchards, washing windows and buggies, or white-washing and spraying poultry houses. Fitted with Bordeaux nozzle, the best combination spraying device, can be changed from a solid stream to spray. Double action, has large air chamber which throws an absolutely continuous stream solid or in fine spray. One of the best pumps made for the money. Price, complete \$3.85, without bucket.



Holco Mole Traps

Each 75 cts.

How to Catch Moles

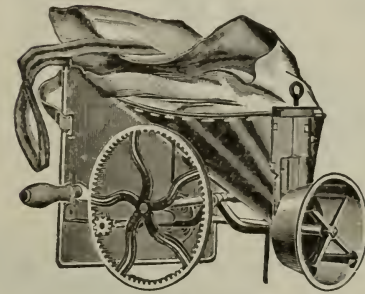
Always press down the mound when setting the trap so that the lever which sets off the trap is level with the ground. Set the trap in the evening as moles usually stir about very early in the morning.



COMPRESSED AIR SPRAYER

The Holco Sprayer is the best compressed air sprayer made. This sprayer will handle whitewash, water paints, Bordeaux mixtures, etc., perfectly, and is tested with 50 lbs. pressure before leaving the factory. Holco Galvanized Sprayer (12 lbs.). Price \$5.50.

Holco Brass Sprayer (12 lbs.). Price \$7.75.

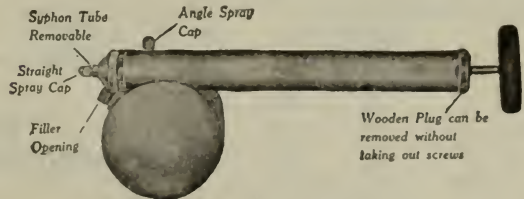


CAHOON SEEDER, \$3.50

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 ft. (20 ft. each side of the operator); lighter seeds, of course, will not be thrown so far.

CYCLONE SEEDER \$1.75

Cahoon's Improved Broadcast Seed Sower



HOLCO CONTINUOUS SPRAYER

New combination Atomizer and compressed air Sprayer that sprays continuously and in any direction. Ball valves; 3 lbs. Galvanized, \$1.00; Brass, \$1.25; Tin, continuous, 75 cts.; Tin, 50 cts.



TREE PRUNING KNIFE (with Pole)

CLYDE, 10-ft. \$1.00
SEABRIGHT, 10-ft. 2.00

Plant Tubs, Flower Pots, Saucers, Etc.

CEDAR TUBS

Equipped with Strong Iron Hoops

These are made by hand of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

No.	Outside Diam.	Black Iron Hoop	Galv. Hoop
No. 0	27 in.	\$5.50	\$6.00
No. 1	25 in.	5.00	5.50
No. 2	23 in.	4.50	4.90
No. 3	21 in.	4.00	4.40
No. 4	19½ in.	3.00	3.35
No. 5	18 in.	2.75	3.10
No. 6	16½ in.	2.25	2.55
No. 7	15 in.	2.00	2.30
No. 8	12 in.	1.75	1.95

HOLCO PLANT TUBS



Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10 cts. per pair. Specify when wanted that way.

No.	Inside Diam.	Each
6	11 in.	\$0.80
7	12 in.	.95
8	13 in.	1.05
9	14 in.	1.15
10	15 in.	1.35
11	16 in.	1.50
12	17 in.	1.75
13	18 in.	1.90
14	19 in.	2.25

Square Plant Stakes

These are painted green and nicely tapered and finished.

Length	Each	Doz.	100
1½ ft.	\$0.02	\$0.14	\$1.00
2 ft.	.02	.22	1.58
2½ ft.	.03	.31	2.25
3 ft.	.05	.50	3.60
3½ ft.	.06	.59	4.28
4 ft.	.07	.69	4.95
5 ft.	.09	.94	6.75
6 ft.	.12	1.19	8.55

Wood Dowel Stakes

Length	Doz.	100
24 in.	\$0.12	\$0.70
24 in.	.12	.70
36 in.	.15	.85
36 in.	.15	.85
36 in.	.15	.85
36 in.	.15	.85
36 in.	.15	.85
42 in.	.20	1.25
42 in.	.20	.95
42 in.	.20	.95
42 in.	.20	.95
42 in.	.20	.95
42 in.	.25	1.35

Cane Stakes (Natural)

Japanese, 5 to 6 ft. Doz., 25 cts.; 100, \$1.00; 250, \$2.25; 1,000, \$9.00.

Wood Fibre Saucers

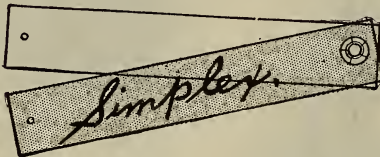
Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or woodwork without damage.

	Each	Doz.	100
5 in.	\$0.13	\$1.41	\$11.05
6 in.	.14	1.46	11.48
7 in.	.15	1.62	12.75
8 in.	.16	1.73	13.60
9 in.	.18	1.95	15.30
10 in.	.19	1.98	16.15
12 in.	.22	2.38	18.70
14 in.	.30	3.24	25.50
16 in.	.50	5.40	42.50
18 in.	.60	6.38	51.00
20 in.	.90	9.72	67.50
22 in.	1.10	11.88	93.50

Earthenware Saucers

These cannot be sent by Parcel Post.

	Each	Doz.	100	1,000
3 in.	\$0.02	\$0.17	\$1.12	\$8.40
4 in.	.02	.22	1.44	10.80
5 in.	.03	.25	1.80	13.50
6 in.	.03	.36	2.40	18.00
7 in.	.04	.46	3.20	24.00
8 in.	.06	.68	4.80	36.00
9 in.	.08	.78	5.20	
10 in.	.10	.96	6.50	
11 in.	.12	1.16	7.80	
12 in.	.15	1.44	9.75	
14 in.	.25	2.40	16.25	



LABELS, Simplex

Waterproof, neat, convenient, permanent. The writing is protected by the transparent cover, and will last indefinitely if done with lead-pencil.

No.	Size	Each	Doz.	100
No. 1.	3x½ in.	\$0.25	\$2.00	
No. 2.	4x¾ in.	.50	4.00	
No. 3.	5x1 in.	.75	6.00	

Including copper wires for attaching.

Labels

Wooden, Pot and Garden

Plain—	100	1,000
4 in.	\$0.10	\$0.60
5 in.	.15	.90
6 in.	.20	1.00
8 in.	.50	4.00
10 in.	.60	5.00
12 in.	.75	6.00

Painted—	100	1,000
4 in.	\$0.15	\$0.90
5 in.	.20	1.25
6 in.	.25	1.35
8 in.	.60	5.00
10 in.	.70	6.00
12 in.	.85	7.00

Earthen

Flower Pots

These cannot be sent by Parcel Post.



Height and Width In-side	Each	Doz.	100	1,000
1 in.	\$0.01	\$0.10	\$ 0.72	\$ 5.40
1¾ in.	.01	.09	.56	4.20
2 in.	.01	.10	.64	4.80
2½ in.	.01	.11	.72	5.40
2½ in.	.02	.13	.88	6.60
3 in.	.02	.17	1.12	8.40
3½ in.	.02	.20	1.36	10.20
4 in.	.03	.26	1.76	13.20
4½ in.	.04	.36	2.40	18.00
5 in.	.05	.48	3.20	24.00
5½ in.	.06	.60	4.00	30.00
6 in.	.07	.72	4.80	36.00
6½ in.	.08	.91	6.40	48.00
7 in.	.10	1.14	8.00	60.00
8 in.	.14	1.60	11.20	84.00
9 in.	.20	1.92	13.00	120.00
10 in.	.27	2.60	17.55	162.00
11 in.	.36	3.46	23.40	216.00
12 in.	.50	4.80	32.50	300.00
14 in.	1.00	9.60	65.00	600.00

Paper Flower Pots

	Doz.	100	1,000
2½ in.	\$0.08	\$0.35	\$ 3.00
2½ in.	.10	.40	3.25
3 in.	.12	.55	4.50
3½ in.	.18	.70	6.00
4 in.	.20	.95	7.50
5 in.	.25	1.40	12.50
6 in.	.30	1.80	17.00

Earthen

Bulb Pans

These are fine for planting with bulbs, for ferns and other compact plants.



Inside Diam.	Each	Doz.	100
6 in.	\$0.06	\$ 0.72	\$ 4.80
7 in.	.08	.91	6.40
8 in.	.10	1.14	8.00
9 in.	.14	1.36	9.10
10 in.	.18	1.73	11.70
12 in.	.35	3.36	22.75
14 in.	.75	6.40	48.75
16 in.	1.30	12.48	84.50
18 in.	2.00	19.20	130.00

FERN PANS

Width	Each	Doz.	100
4 in.	\$0.04	\$0.31	\$1.65
4¾ in.	.05	.33	2.20
5½ in.	.06	.41	2.75
6½ in.	.07	.49	3.30
7 in.	.09	.55	3.85
8 in.	.11	.79	5.50
9 in.	.15	.95	6.60

Fern Dish Liner

Width	Each	Doz.	100
7 in.	\$0.12	\$1.00	\$6.00

TREE LABELS, Wood

Copper-wired. 3½ in., painted. 100, 30 cts.; 1,000, \$2.00.



Planet Jr. Garden Tools



Space will not permit showing and describing here all of the Planet Jr. Tools, but we will send a beautifully illustrated Catalog free to any who may desire it. Planet Jr. goods are different from all others—the best on the market.



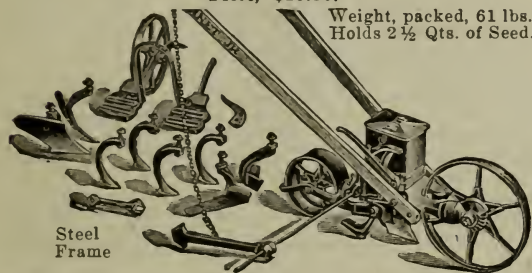
Accurate planting and marking out next row with No. 25 Seeder.

Recreation after business hours and economy in growing your own vegetables.

No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE-WHEEL HOE, CULTIVATOR AND PLOW

Price, \$15.50.

Weight, packed, 61 lbs.
Holds 2 1/2 Qts. of Seed.



Steel Frame

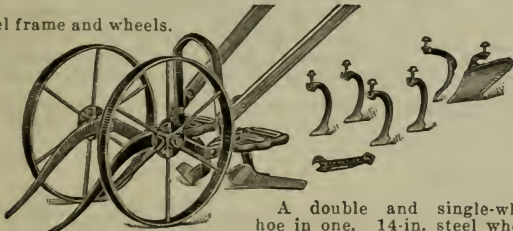
This combination is intended for gardeners who have a large enough acreage in crops for a double-wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double-wheel hoe is preferred.

No. 12 COMBINED DOUBLE AND SINGLE-WHEEL HOE, CULTIVATOR AND PLOW

Price, \$8.75. Weight, 33 lbs.

No. 12C—(Cast frame and wheels). Price, \$7.50.

Steel frame and wheels.

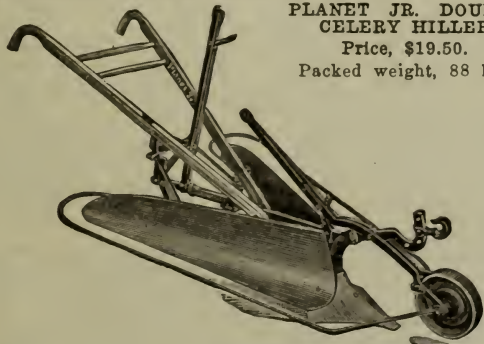


A double and single-wheel hoe in one. 14-in. steel wheels for 1917. Straddles crops till 20 in. high, then can be worked between rows with one or two wheels.

PLANET JR. DOUBLE CELERY HILLER

Price, \$19.50.

Packed weight, 88 lbs.



This tool makes a great saving in growing a celery crop, and is in almost universal use where known.

The New "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



No. 32 PLANET JR. DRILL SEEDER

Price, \$5.75.

Packed weight, 22 lbs.

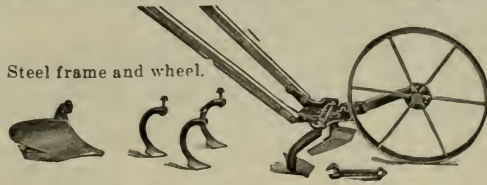
This new tool is of great value to thousands of gardeners who have never felt able to own a seed drill. It will sow even a small packet of garden seed with great precision in a narrow row from 1/4 to 2 in. deep.

No. 17 PLANET JR. SINGLE-WHEEL HOE

Price, \$6.25. Weight, 24 lbs.

No. 17C—(Cast frame and wheel). Price, \$5.50.

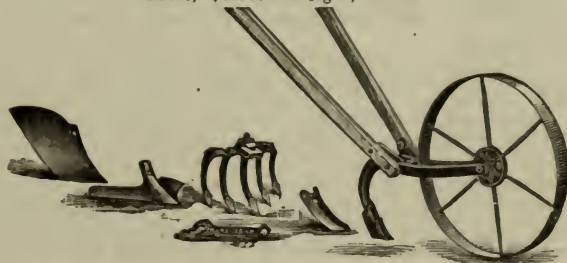
Steel frame and wheel.



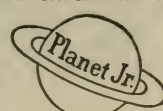
You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-in. hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 19 PLANET JR. SINGLE-WHEEL HOE, CULTIVATOR AND PLOW

Price, \$4.00. Weight, 21 lbs.



This attractive implement is designed for the farmer's garden work, though it offers to everyone with either field or garden a cheap and effective tool for all hand wheel hoe operations.



Holco Insect and Vermin Destroying Preparations

All subject to change in price. Transportation charges not included in prices.

ANT EXTERMINATOR. Powder used for distributing around buildings, greenhouse benches, lawns, gardens, any other places infested by ants. 25 cts. per can.

APHINE. For destroying aphids, green fly, thrip, red spider, other greenhouse and outdoor insects. $\frac{1}{4}$ pt. 25 cts., $\frac{1}{2}$ pt. 40 cts., pt. 65 cts., qt. \$1.00, gal. \$2.50.

ARSENATE OF LEAD. (Powdered.) Extensively used. Is instantly soluble in water, a pound goes almost twice as far as two pounds of paste arsenate. Further, you do not have to pay transportation charges on water, which acts as a preservative in paste arsenate. 1 lb. dilutes to 50 gals. of water. Lb. 40 cts., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$7.00, 50 lbs. \$14.00.

BORDEAUX MIXTURE. Used principally for mildew, blight, fungous diseases that affect potatoes, fruit trees. Paste Form: 1 qt. 45 cts., gal. \$1.25, 5 gals. \$5.00. One gal. makes 50 gals. material. Dry Form: 1 lb. 30 cts., 5-lb. pkg. (makes 30 gals.) \$1.00, 10-lb. pkg. (makes 50 gals.) \$1.75.

BLACK LEAF 40. Concentrated solution of nicotine Sulphate, excellent spray for black aphids sucking insects of all kinds; dilutes 1 part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. 1 oz. 25 cts., $\frac{1}{2}$ lb. 75 cts., 2 lbs. \$2.50, 10 lbs. \$10.75.

BUG DEATH. Largely used instead of Paris Green. Claimed to have same effect. Acts as a fertilizer as well as an insecticide. Comes in powder form, is applied pure. Not poisonous to persons. Per lb. 15 cts., 3 lbs. 40 cts., 5 lbs. 60 cts., 12 $\frac{1}{2}$ lbs. \$1.00, 100 lbs. \$7.50. (Special Shaker for Bug Death, 25 cts.)

CUT WORM DESTROYER (Reade's). For killing cut worms, grubs and maggots that work in the soil. 1 lb. 25 cts., 5 lbs. 80 cts., 10 lbs. \$1.25, \$2.50 for 25 lbs., 100 lbs. \$7.50.

FUNGINE. Excellent remedy for fungous diseases of all kinds. Qt. 75 cts., gal. \$2.00.

HELLEBORE. Ideal material for destroying rose bugs, currant worms, other soft-shelled insects that infest the garden. Can be applied dry or in liquid form. $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

KEROSENE EMULSION. Diluted in water this makes an excellent spray for all mild forms of scale, soft lice of any kind, such as infest rose, and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. Liquid: qt. 40 cts., gal. \$1.00.

LEMON OIL INSECTICIDE. Best and cheapest insecticide in the market. Used by nearly all the leading growers. Effectually destroys mealy bug, scale, thrip and red spider. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., $\frac{1}{2}$ gal. \$1.25, gal. \$2.00, 5-gal. kegs \$9.00, 10-gal. kegs \$17.50.

LIME SULPHUR. (Dry Powder Form.) Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. Is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Lb. 25 cts., 5 lbs. \$1.15, 10 lbs. \$1.50, 25 lbs. \$3.25, 50 lbs. \$5.00, 100 lbs. \$8.00.

NIKOTEEN. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for pea lice in the garden. 2 oz. 40 cts., 8 oz. 75 cts., pt. \$1.50, gal. \$10.00.

NICO-FUME. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very

effective in destroying thrip, aphids, white fly, and red spider, etc. Per $\frac{1}{4}$ lb. (about $\frac{1}{4}$ pt.) 50 cts., \$1.50 per lb. (about 1 pt.), 4 lbs. (about $\frac{1}{2}$ gal.) \$5.50, \$10.50, 8 lbs.

PARIS GREEN. The chief merit of this article is the destruction of the potato bug. May be used in liquid form, 1 lb. in 50 gals. of water, or with Land Plaster at the rate of 1 lb. Paris Green to 100 lbs. Land Plaster. $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts., lb. 60 cts., 5 lbs. \$2.75.

SLUG SHOT. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 5 lbs. 35 cts.

SULPHO-TOBACCO SOAP. For plants, trees, etc. 3-oz. pkg. 10 cts., 8-oz. pkg. 20 cts.

TOBACCO DUST. The best of the Tobacco Dusts for dusting or fumigating. Lb. 10 cts., 5 lbs. 40 cts., 25 lbs. \$1.00, 100 lbs. \$3.50.

TOBACCO STEMS. Used for fumigating and under benches in greenhouses. Bale of 200 lbs. \$1.50.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 35 cts., 3-lb. can \$1.00, 10-lb. can \$3.00, 20 lbs. \$5.50.

VERMINE. A soil sterilizer and germicide for all soil vermin, such as cut, eel, wire and grub-worms, slugs, root-lice, maggots and ants. Use 1 part of Vermine to 400 parts of water, thoroughly soaking the ground. Does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil. $\frac{1}{4}$ pt. 25 cts., $\frac{1}{2}$ pt. 40 cts., pt. 65 cts., qt. \$1.00, gal. \$3.00.

WHALE or FISH-OIL SOAP. For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose scale exists. Good for washing off lemon trees, oleanders and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Dissolved in water according to various purposes. $\frac{1}{2}$ lb. 10 cts., lb. 20 cts., 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.00, 100 lbs. \$6.50.

WORM ERADICATOR. When applied, the worms will immediately rise to the surface of the ground of flower-bed, or will fall off the trees, fruits or flowers, and in a few minutes will die. 25-ct. bottle makes 5 gals., 50-ct. bottle makes 10 gals.

WEED KILLER. A most effective solution of high-grade chemicals, combined by a secret process. The dilution is 1 to 50 parts of water, made so easily that a boy or child can attend to it. A remedy that not only reduces the amount of labor, but does it at about one-tenth the cost. A gal. diluted, is sufficient to cover a space 100 to 150 sq. yds. Application is best made with a watering can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. "Target Brand" Weed Killer effectively destroys the roots as well as the top-growth, and single applications last almost an entire season. Full directions as regards quantities needed, are printed on each container. Qt. makes 51 gts., 45 cts.; $\frac{1}{2}$ gal. makes 25 $\frac{1}{2}$ gals., 75 cts.; gal. makes 51 gals., \$1.25; 5 gals. makes 255 gals., \$5.00; 10 gals. makes 510 gals., \$10.00; bbl. (50 gals.), \$35.00.

ZENOLEUM. A germicide and disinfectant. Liquid, $\frac{1}{2}$ pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ gal. 90 cts., gal. \$1.50. Powder, 25 cts. per 16-oz. pkg.

FERTILIZERS

Our list contains the very best and most modern kinds. We can quote special prices on carload quantities. All prices are subject to market changes.

ASHES (Canadian Hard Wood). Apply 1,000 lbs. per acre. For top dressing lawn and grass fields, it is applied to best advantage either in very early spring or late fall. 5 lbs. 20 cts., per 10 lbs. 35 cts., 25 lbs. 60 cts., per 50 lbs. \$1.00, 100 lbs. \$1.75, per 200-lb. barrel, \$3.00, 1,000 lbs. \$13.50, per ton \$26.00.

BON ARBOE. A concentrated chemical fertilizer; used in liquid form according to directions on the packages. In powder form, dilute 1 lb. of powder to 30 gals. water. $\frac{1}{2}$ -lb. can 25 cts., 1 lb. 50 cts.

BONE and PHOSPHATE. An ideal fertilizer for farm, lawn or garden crop. Apply at the rate of 400 to 600 lbs. per acre. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 125-lb. bag \$2.00.

BONE MEAL. (Fine Ground.) Apply 600 to 800 lbs. per acre. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. 3 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts.

COW OR CATTLE MANURE. (Shredded.) A fine top dressing for lawns, gardens or in greenhouses. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2.00, 500 lbs. \$8.50, ton \$28.00.

LIME. (Hydrated or Powdered.) A very fine article for distributing on grass. Promotes growth, gives grass a rich

color, has a tendency to prevent the growth of weeds. Apply one ton per acre on fields or $\frac{1}{2}$ ton on lawns. Price single sack of 50 lbs. 50 cts., 400 lbs. \$1.00.

MURIATE OF POTASH. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Must be used with great care, is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50 per cent actual potash. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 50 cts.

NITRATE OF SODA. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water, do not apply oftener than twice a week. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts.

PLANT FOOD. See Bon Arbor.
SHEEP MANURE. Apply 1,000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; clean and easily handled, besides giving immediate results. 2 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2.00, 500 lbs. \$8.50, ton \$28.00.

SULPHATE OF POTASH. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal 50 per cent of actual potash. 1 lb. 15 cts., 5 lbs. 50 cts.

Holco
QUALITY



HOLCO BIG
BOSTON LETTUCE



HOLMES' GREEN
EMPEROR CELERY

HOLCO
OHIO
YELLOW
GLOBE
ONION



The
**HOLMES-LEATHERMAN
SEED COMPANY**
CANTON, OHIO