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1927

Beckert Seed & Bulb Company

502

LIBERTY AVENUE

PHONE

Pittsburgh Pa.

AT. 1129

W. Shoemaker



Your Lawn Comes First

Nothing will add to the appearance and, for that matter, actually enhance the value of your home to such a degree as a well-made, well-kept lawn. It makes the most appropriate setting for trees, shrubs, and flowers, and helps to make a house "home."

A good lawn, one that will stay green through the drought of midsummer and maintain a compact, smooth, velvety green surface year in and year out, is easily made.

SOIL AND PREPARATION. The ideal lawn soil is a well-drained, moderately rich and moderately heavy loam. If raw subsoil has been exposed in grading, cover or replace it to a depth of 8 inches with top soil from an old meadow or garden. If the soil is too sandy, add manure or prepared humus to act as a binder and moisture holder. If it is stiff clay, add sand or ashes to make it lighter, and manure to make it mellow. Avoid fresh stable manure, as it is almost invariably full of weed seeds. Pulverized Sheep Manure is excellent. Spade up the soil to a depth of 6 to 8 inches, mixing in the manure or other fertilizer, and then rake the surface as fine and level as possible.

SEEDING. Sow the seed evenly over the surface. To insure a thick, even stand, use plenty of seed; an excessive quantity will do no harm. It is a good idea to divide the seed in half and go over the plot twice, making the second sowing at right angles to the first. Then go over the surface with a roller to compact the soil about the seed. Make the first cutting when the young grass is 3 to 4 inches high.

In shady places sow Shadyland Lawn Seed and give extra attention to fertilizing and watering, as trouble under trees and shrubs is more often due to the fact that their roots have absorbed all food and moisture from the soil, than to their shade.

WATERING. If the soil contains plenty of moisture-retentive humus, little artificial watering should be required. If it becomes necessary to use the hose during the dry spells, an occasional thorough soaking is better than frequent light sprinklings.

RESEEDING. Even on well-established turf it is advisable to scatter seed every Spring and Fall. One-third to one-half of the quantity recommended for seeding a new lawn is generally sufficient for this purpose. Bare spots on old lawns should be dug up, well fertilized and re-sown. Thin places need only be scratched up with the rake, seeded, and rolled.

Evergreen Lawn Seed

Weight per measured bushel, 24 pounds.

(Contains no Timothy or White Clover Seed)

Nothing but extra-selected, re-cleaned seeds of the best fine-leaved, low-growing turf grasses are used in this special B. S. & B. Co. blend. Carefully tested for germination and purity, it cannot be surpassed for quick and lasting results. Will produce a close, vigorous, velvety turf, rich green throughout the season. One quart will sow 300 square feet, a peck will sow 2,400 square feet, 5 bushels will sow an acre. **Qt., 45c; 2 qts., 85c; 4 qts., \$1.50; pk., \$2.50; bu., (24 lbs.), \$9.00; 100 lbs., \$35.00; postage or express extra.**

Shadyland Lawn Seed

A special mixture for shaded places, composed of only those turf grasses which will thrive under trees or in the shade of walls and buildings. It will produce a good, close, bright green lawn where ordinary grasses do not last. **Qt., 50c; 2 qts., 90c; 4 qts., \$1.65; pk., \$2.75; bu., (20 lbs.), \$9.50; 100 lbs., \$40.00; postage or express extra.**

Putting Green Mixture

Only a few of the rarer and more expensive turf grasses will meet the strict requirements of the golf putting green. This is an extra high grade blend of the best grasses that will make a firm, close, springy turf of good color and that will withstand constant trampling. **Qt., 75c; 4 qts., \$2.50; pk., \$4.75; bu. (25 lbs.), \$18.00; 100 lbs., \$70.00, postage or express extra.**

Terrace Lawn Mixture

A special blend of deep-rooting grasses that will grow, thrive, and make a thick, dense turf on terraces. **Qt., 50c; 2 qts., 90c; 4 qts., \$1.65; pk., \$2.75; bu. (24 lbs.), \$9.50; 100 lbs., \$37.50, postage or express extra.**

White Dutch Clover

A very dwarf-growing Clover, with deep green foliage and white blossoms. Makes a fine turf and withstands hot weather well. Not included in any of our mixtures. Choice grade. **½ lb., 40c; 1 lb., 75c; 5 lbs., \$3.50, postage or express extra.**

OUR LAWN SEED MOTTO—"HIGHEST QUALITY—REASONABLY PRICED"

Good Morning!

Not to a new day but to a new gardening year. In February when you first notice that the days are beginning to lengthen, if you are a gardener, and who at heart is not, your thoughts will turn to that spot of earth you call your own, then subconsciously you will commence plotting it out into beds and rows of fragrant flowers and luscious vegetables. So we say again, "Good Morning" to a new gardening year and may it prove a bounteous one.

When you come into our store for the first time on the approach of Spring, we will personally greet you "Good Morning," and not as a mere phrase but with a world of meaning in it, for we are all gardeners together engaged in the most essential industry in the world.

From a small beginning we have grown to serve thousands, but we will never grow so big that each and every customer's smallest gardening problem is not a subject for the most careful consideration. There are times in the Spring rush when we cannot give as much time to each customer as we would like, but

we are sure that you will be as promptly and as courteously served as is humanly possible.

TO OUR MAIL ORDER CUSTOMERS. Unfortunately we cannot greet you "Good Morning," by word of mouth, when we receive your order, but the spirit is there and we know you will feel it when you receive our acknowledgement as promptly as the U. S. Mail can deliver it, and close on the heels of the acknowledgement, your order itself, carefully and neatly filled and packed by practical gardeners.

502

502, just a street number on Liberty Ave., until Beckett Seed and Bulb Company took up their headquarters there. Now the Mecca for thousands of gardeners who want, expect and demand the best. 502 LIBERTY AVENUE, convenient to all street cars, in the center of the "Golden Triangle," and last but not least, the home of Dependable Seeds, Bulbs and Supplies, where QUALITY, SERVICE and COURTESY rule.

BECKETT SEED and BULB COMPANY

OSCAR M. BECKETT
Pres. and Treas.

JOHN W. FORNOF
V.-Pres. and Sec.

Non-Warranty The Beckett Seed and Bulb Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants it sells, and will not be in any way responsible for the crop. If purchaser does not accept goods on these terms, they are to be returned at once.

PLEASE READ BEFORE ORDERING

Use Our Order Sheet. It will expedite filling and shipping your order if you use the enclosed order sheet. Please give full names of the varieties you want or, in the case of flower seeds, the correct catalog number.

Your Name and Full Address should be written plainly on every sheet. Also complete shipping instructions, and the name of your express or freight station, if it is required.

How to Send Money. Remittances can safely be made by post office or express money order, bank draft or check. Small amounts may be sent in stamps. If you must send cash or notes, register your letter.

Delivery by Parcel Post. We will deliver free by parcel post to any post office in the United States, all vegetable and flower seeds by the packet, ounce or pound, except Beans, Corn and Peas. For Beans, Corn and Peas, Bulbs and Miscellaneous Supplies, wanted by mail, add postage at your zone rate. (See table).

Express and Freight. Bulkier articles may be shipped by express or freight—please state which. If no instructions are given, we will use our best judgment. Express is quicker, but on heavy shipments freight is cheaper. Transportation charges are paid by customer. Perishable articles cannot be sent C. O. D.

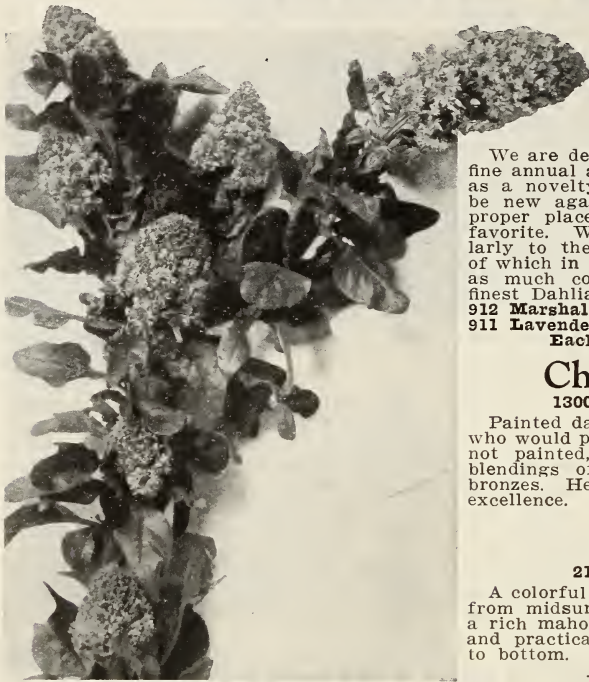
We Ship Promptly. Allow a reasonable time; and then if your order is not received, notify us to trace it. Remember to allow plenty of time for freight shipments.

Check Your Order. We take great care to fill all orders correctly. Check your order as soon as it arrives, and if everything is not to your entire satisfaction, let us know at once so that we can straighten the matter out.

PARCEL POST RATES

The limit of weight within 300 miles of Pittsburgh is 70 pounds; beyond 300 miles the limit is 50 pounds. Goods are sent by parcel post at purchaser's risk. Packages can be insured if you so instruct, and include the following fees: Value up to \$5.00, 5c; \$5.00 to \$25.00, 8c; \$25.00 to \$50.00, 10c; \$50.00 to \$100.00, 25c. Liquids and poisonous insecticides cannot be sent by parcel post.

Zone Distance	For first pound	For each additional pound
From Pittsburgh		
Within 150 miles	\$.07	\$.01
150 to 300 miles	.08	.02
300 to 600 miles	.09	.04
600 to 1000 miles	.10	.06
1000 to 1400 miles	.11	.08
1400 to 1800 miles	.13	.10
Over 1800 miles	.14	.12



Old-Fashioned Sweet-Scented Mignonette.

Old Time Flowers

This year, instead of calling to your particular attention flower novelties, we suggest that you try some of the old time favorites and feel sure that you will be as delighted in finding new beauties in them as you have been in the past in realizing your expectations in the newest of the new.

571 Ageratum, Tall Blue

Practically all flower gardeners know the Dwarf Blue Ageratum so largely used for borders, but far too few know the Tall variety and its charming qualities. Tall Blue Ageratum is 18 to 20 inches high. Stems are long and straight and flower heads are that light clear Delphinium blue so seldom found in the annual flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

633 Amaranthus Tricolor Splendens

With foliage as brilliantly colored as the Christmas Poinsettia, Amaranthus Tricolor is an ideal plant for the garden artist. It is most effective in the Rose garden in mid-summer and can be used to advantage in both perennial and shrubby borders. Height, 2 feet with leaves gorgeously splashed crimson, scarlet and yellow. The flower itself is inconspicuous. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Giant Single Asters

We are determined to have you give this fine annual a trial. Last year we listed it as a novelty because it was so old as to be new again, but here we list it in its proper place and setting as an old time favorite. We call your attention particularly to the red Marshal Joffre, a bunch of which in our window last summer caused as much comment and inquiries as the finest Dahlia.

912 Marshal Joffre. Red. 913 White.
911 Lavender. 920 Mixed.
Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.

Chrysanthemum

1300 Single Annual Mixed

Painted daisies is the common name but who would paint a daisy. They are Daisies, not painted, but colored with exquisite blendings of creamy-yellow and autumn bronzes. Height 2 ft. and a cut flower par excellence. Pkt., 10c; oz., 40c.

Marigold

2172 Legion of Honor

A colorful dwarf border plant that blooms from midsummer until frost. Flowers are a rich mahogany brown with yellow lights and practically cover the plants from top to bottom. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Mignonette

2225 Sweet Scented

Not the new tall stiff spiked variety, but the old graceful, airy kind that more than makes up in fragrance what it lacks in size. Pkt., 10c; oz., 35c.

Salpiglossis

Painted Tongue

This will prove a new flower to many modern gardeners but it was dear to the hearts of our grandmothers. Graceful plants about a foot and a half tall that bear Nasturtium-like flowers on long stems in shades of red, purple and white, all delicately veined with purest gold.

2651 Crimson. 2654 Scarlet and Gold.
2652 Purple and Gold. 2655 White and Gold.
2653 Rose and Gold. 2660 Choice Mixed.

Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.
2659 Collection: One pkt. of each of the above 5 colors. 40c.

Scabiosa

Mourning Bride or Pincushion Flower

The first common name we cannot account for but the latter is very descriptive as the flowers greatly resemble small pink, lavender, maroon and red pincushions with silver white pins stuck in them. Height, 18 inches and excellent for cut flowers.

2701 Black-purple. 2704 Lavender.
2702 Crimson. 2705 Rose.
2703 Flesh-color. 2706 White.

2710 Mixed.
Each, pkt., 10c; $\frac{1}{4}$ oz., 30c.
2709 Collection: One pkt. of each of the above 6 colors. 50c.

OLD TIME FLOWER COLLECTION

One packet of each of the above eight Old Time Flowers (the Mixture will be sent of those varieties offered in separate colors unless a specific color is requested). 70c, postpaid.



Rock Gardens

Rock gardening is perhaps the most fascinating phase of gardening. It presents all the problems of larger landscape plantings on a small scale and, if well worked out, can be made a source of pleasure from early spring until late fall.

The Rock Garden may be either in full sun or partial shade but it should be located where it can be easily watered in case of need.

Remove the soil to a depth of 12 inches saving only the good top soil. Fill in the bottom with 6 to 8 inches of coarse ashes or rubble for drainage. Rocks should be unequal in size and shape and so placed as to leave numerous earth pockets for the plants. Do not place them too symmetrically and have at least one high spot.

Mix the top soil with one-third leaf mould, peat moss or decayed vegetable matter to make it porous and use this mixture for filling in between the rocks.

Although a perennial Rock Garden is the ultimate goal, we would suggest using annuals, with which very pleasing effects may be had, the first year; growing the perennials along in a seed bed for transplanting in the fall.

We have only included the dwarf and medium dwarf varieties in this list although quite a few of the taller sorts can be worked in to advantage as background.

Full descriptions of the varieties listed will be found in the flower seed section.

Alpine Rock Garden Collection

An imported collection consisting of twelve of the finest Alpine plants suitable for Rock Gardens. All are perfectly hardy.

The following are included in this superb collection:

ANEMONE pulsatilla.
ALYSSUM sax. antrinum.
CAMPANULA speciosa.
DIANTHUS pungens.
ERYNGIUM alpinum.
HELIANthemum apenninum.
LINUM perenne.
MYOSOTIS, Ruth Fischer.
PRIMULA japonica.
SAPONARIA ocyroides.
SAXIFRAGA decipiens.
VIOLA bosniaca.

Most of these varieties are the rarer sorts which we do not catalog and therefore cannot be supplied separately but only as a collection. Price, \$2.50, postpaid.

Annuals for Rock Gardens

	Pkt.
613 Alyssum, Carpet of Snow	\$0.10
1537 Dianthus, Single Japanese Mixed	.10
1547 Dianthus, Double Japanese Mixed	.10
1640 Eschscholtzia, Single Mixed	.10
1841 Gypsophila elegans alba	.10
1842 Gypsophila elegans rosea	.10
2071 Lobelia, compacta Crystal Palace	.15
2210 Mesembryanthemum crystallinum	.10
2340 Nemophila, Mixed	.10
2502 Phlox, Dwarf Cecily Mixed	.10
2571 Portulaca, Single Mixed	.10
2572 Portulaca, Double Mixed	.10
2680 Sanvitalia procumbens	.10
3070 Verbena, Mixed	.10

Perennials and Biennials for Rock Gardens

	Pkt.
500 Abronia umbellata	\$0.10
550 Adlumia cirrhosa (Vine)	.15
562 Adonis vernalis	.10
616 Alyssum saxatile compactum	.10
730 Antirrhinum, Half Dwarf Mixed	.10
662 Anemone coronaria, St. Brigid	.15
741 Aquilegia caerulea	.10
742 Aquilegia canadensis	.10
743 Aquilegia chrysantha	.10
744 Aquilegia, Mrs. Elliott's Long Spurred Hybrids	.25
750 Arabis alpina	.10
1004 Bellis perennis monstrosa, Mixed	.20
1091 Campanula carpatica, Blue	.10
1092 Campanula carpatica, White	.10
1152 Candytuft (Iberis) sempervirens	.10
1280 Cerastium tomentosum	.15
1553 Dianthus plumarius semperflorens	.15
1554 Dianthus Allwoodi	.35
1761 Geum, Double Crimson	.10
1762 Geum, Mrs. Bradshaw	.15
1900 Heuchera sanguinea	.25
2051 Linaria cymbalaria (Vine)	.15
2062 Linum perenne, White	.10
2132 Lychnis Haageana	.15
2295 Myosotis palustris semperflorens	.15
2298 Myosotis alpestris, Mixed	.10
2372 Oenothera missouriensis	.10
2430 Pansy, Tufted Mixed	.15
2431 Pansy, Viola odorata (Violet)	.15
2521 Platycodon grandiflora, Blue	.10
2522 Platycodon grandiflora alba	.10
2564 Poppy nudicaule, Mixed	.10
2614 Primula vulgaris	.15
2732 Silene Schafta	.15
3074 Verbena venosa	.10
3094 Vinca, Mixed	.10

FLOWER SEEDS ARE SENT POSTPAID

The Full Market Basket



Fresh From Your Own Garden

There is all the difference in the world between vegetables fresh from your own garden and fresh from other sources. Fresh in some cases may mean a week and even from the farmer markets means at least a day old.

It has long been known that the food value of fresh vegetables decreases steadily from the time they are picked until they are cooked, so that in order to enjoy their complete tastiness and get the full benefit of their health-giving properties, you must grow your own. And "growing your own" is not all hard work, for there is a lot of pleasure in watching the various plants develop, in harvesting and finally in eating the fruits of your labor.

Soil. Rich acres are not necessary in order to have these delicacies from your own garden. Any soil that can rightfully be called soil can be made to grow the finest vegetables. The ideal soil is sandy loam, rich in humus (decayed vegetable matter) and well drained. Heavy soils are greatly improved by an application of lime, and light soils by digging in cover crops (such as cow peas, rye, etc.), or large quantities of strawy manure.

Pulverized sheep manure is an excellent all-around fertilizer for gardens. It is high in available plant food, contains humus, and is absolutely free from weed seeds. Dig in at the rate of five pounds to fifty square feet. For root crops (beets, carrots, etc.), put a little bone meal in the drill and cover lightly with soil before sowing seeds. For leaf crops (cabbage, lettuce, etc.), use a small quantity of nitrate of soda from time to time during the growing season. This quickens the growth and produces larger plants.

Preparation. Prepare the ground as early in the Spring as it will crumble on the spade

or fork. If top soil is deep, spade to a depth of 8 to 10 inches; if shallow, dig all the top and just a little of the bottom soil and mix thoroughly. After spading, break up the lumps with a steel rake and make your garden as level as possible. Then mark out your rows.

Planting Dates. Due to changing weather conditions and differences in localities, we cannot give definite dates to plant. As a general rule, however, all the hardy vegetables (beets, carrots, lettuce, smooth peas, etc.), may be planted outdoors as soon as the ground can be worked; tender varieties (corn, cucumbers, wrinkled peas, etc.), about when the maple trees start to leaf.

Thin Out. We could venture to state that more gardens are spoiled by lack of proper thinning out than from any other cause. Thin out as soon as the plants are big enough to handle (see cultural instructions preceding each variety for distances). Plants thinned out need not be wasted, for the majority of vegetables transplant very easily and even if they must be thrown away, it is better to have a dozen good plants that will yield than fifty poor ones that will not.

Cultivation. This takes you up to the cultivation and watering of your garden. Cultivate frequently, not only to keep down weeds but to conserve moisture. Water only during extreme droughts and be sure to thoroughly soak the ground.

Do not permit any ground to remain idle after taking off an early crop. Plant something immediately, if only a cover crop to turn under.

Full cultural directions are given throughout the catalog immediately preceding each variety. We will be glad to furnish additional instructions on request.

B. S. & B. Co's. Quality Vegetable Seeds

The varieties of Vegetables listed on the following pages are our personal selections, backed by years of experience in supplying quality seeds to the private and professional gardener.

The list of varieties is very comprehensive and will be found to include the recognized standard sorts as well as the newer varieties that have proven their worth.

This extensive list gives ample opportunity for you to select the varieties best suited to your particular needs and climatic conditions, which is not the case when your selection is limited to a few varieties.

VEGETABLE SPECIALTIES FOR 1927

The varieties listed here represent the most recent introductions and improved strains and should be included in every garden. All have been thoroughly tested in our Trial Garden, and as a result of these trials, we can highly recommend them to both amateur and professional gardeners.

Fordhook Bush Lima Beans

Lack of space for poles need no longer deprive you of this fine late Summer and Fall vegetable. A row 20 feet long gives a goodly supply, while a row 40 feet long is plenty for a family of four. Plants are of dwarf, bushy growth and yield quantities of large, fat beans, 4 or 5 to a pod. Pkt., 10c; pt., 40c; qt., 80c; 2 qts., \$1.50; pk., \$5.25.

Crosby's Special Egyptian Beet

An exceedingly fine type of this all-purpose Beet. Crosby's Special is of very rapid growth, with small tops. Roots are rather deep turnip-shaped, blood-red, and of the very finest quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Penn State Danish Ball-head Cabbage

A very superior strain of the Short-Stemmed Danish Ballhead Cabbage. Heads are extremely solid, almost globular in shape, and on average soil will weigh from 4 to 6 pounds. Stems are short. Due to the uniformity of heads and blight resistance will outyield the old types. This fine new variety is very resistant to Cabbage diseases, particularly to black-leg. Pkt., 25c; ½ oz., 65c; oz., \$1.00.

Barden's Wonder Bantam Sweet Corn

Imagine an ear of Corn 8 to 9 inches long with 10 rows of deep, buttery yellow grains having all the sweet, luscious flavor of the long-famous Golden Bantam, and you have drawn a mind picture of Barden's Wonder Bantam. To really appreciate its quality you must grow and eat it yourself. Pkt., 10c; pt., 30c; qt., 55c; 2 qts., \$1.00; pk., \$3.00.

Three Weeks Forcing Radish

Three Weeks Forcing Radish is just as the name implies, a Radish that is ready for the table in three weeks from sowing. The tops are very small and the roots medium size, bright scarlet in color and the finest quality imaginable. Plant a row in your garden and surprise your friends. Pkt., 15c; oz., 25c; ¼ lb., 75c.



Marglobe Tomatoes.

Marglobe Tomato

For years many gardeners have thought that the Globe Tomato could not be improved upon. But here is an improvement and a real improvement, not merely a change in name. This wonderful new variety has all the good points of the Globe with the addition that it is blight resistant, and is not so inclined to split in wet weather. Pkt., 25c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.50.

Supreme Green Cucumber

A grand new variety of the Davis Perfect type. Plants are very vigorous, with rich dark green foliage and very resistant to blights. Fruits are dark green, tapering slightly to the ends. Fine for large fruits or pickles. Pkt., 10c; oz., 25c; ¼ lb., 75c.

HOME GARDEN VEGETABLE COLLECTION, \$1.25

For those who are making a garden for the first time this year, and for those who are not familiar with varieties, we offer this Home Garden Collection of the 15 best varieties. All are easy to grow and if properly planted and cared for, should supply you with an abundance of fresh vegetables all Summer.

The Following 15 Choice Varieties, \$1.25, Postpaid.

- | | |
|------------------------------------|----------------------------------|
| ½ Pt. Beans, Stringless Green Pod. | 1 Pkt. Cucumber, White Spine. |
| ½ Pt. Beans, Sure Crop Wax. | 1 Pkt. Lettuce, Grand Rapids. |
| 1 Pkt. Beets, Crosby's Egyptian. | 1 Pkt. Onion, Yellow Globe. |
| 1 Pkt. Cabbage, Early Summer. | 1 Pkt. Parsley, Moss Curled. |
| 1 Pkt. Carrot, Chantenay. | ½ Pt. Peas, Laxtonian. |
| 1 Pkt. Corn, Golden Bantam. | ½ Pt. Peas, Champion of England. |
| 1 Pkt. Corn, White Evergreen. | 1 Pkt. Radish, Scarlet Globe. |
| | 1 Oz. Spinach, Giant Thick Leaf. |

If purchased separately, this seed order would cost \$1.70. We will send it postpaid anywhere in the United States for \$1.25.

ASPARAGUS SEED

An Asparagus bed can be started either from seed or roots. Sow seed early in the Spring, $\frac{3}{4}$ inch deep, in rows $1\frac{1}{2}$ feet apart; thin out the plants to 6 inches apart. Transplant the following season as given under roots.

One ounce of seed will sow 50 feet of row.
Giant Argenteuil. Purple tinted stalks. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

Palmetto. Large green stalks. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

Washington Rustproof. A new rust-resisting, heavy-producing Asparagus from the U. S. Department of Agriculture. Of rapid growth, large size, and very tender. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Asparagus Roots

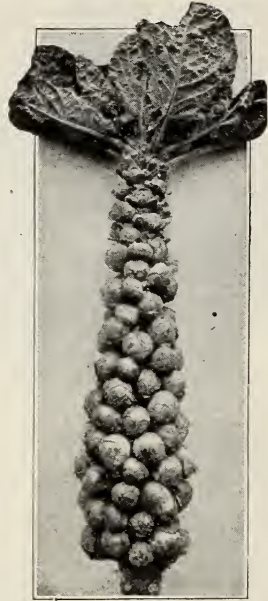
An Asparagus bed is permanent, so that much care should be taken with its preparation. The bed should be on well drained ground, heavily manured and spaded $1\frac{1}{2}$ to 2 feet deep. Place roots in trenches 1 to $1\frac{1}{2}$ feet deep and cover with 3 inches of soil. As the shoots come up, pull in soil from the sides from time to time until the bed is level. No Asparagus should be picked until the third year and then only sparingly. The bed should not be cut over after the first week in July, as the roots must have some time to store up strength for the following year. Top-dress each Fall with manure, which should be dug in early the next Spring.

Palmetto and Giant Argenteuil. 2-yr. roots. Bundle of 50, \$1.00; \$1.75 per 100; \$12.50 per 1000.

Washington Rustproof. 2-yr. roots. Bundle of 50, \$1.50; \$2.50 per 100; \$20.00 per 1000. If wanted by parcel post, add 10c per 100.



Washington Asparagus.



Brussels Sprouts.

Artichoke

One of the vegetable aristocrats and well worth growing if you care for something "different." Edible portion is the large, thistle-like head. If started indoors very early will bear first year. Use same culture as for early cabbage, and, as Artichokes are perennial, plant where they need not be disturbed.

Large Green Globe. The standard variety. Pkt., 25c; oz., 75c.

Artichoke Plants. Ready in June.

Broccoli

Quite similar to cauliflower but will produce fine heads in localities where cauliflower cannot be successfully grown. Same culture as cabbage.

White Cape. Large creamy white heads. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

Brussels Sprouts

A delicious and easily grown Fall vegetable, and one of the few that may be enjoyed in late Fall after frost has killed the less hardy kinds. Produces miniature cabbage heads at the base of each leaf. Use same cultural directions as for late cabbage, and when the sprouts commence to form, break off the lower leaves.

Long Island Half Dwarf. Covered with tender sprouts of good flavor. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

INFORMATION

How many times have you regretted not marking the different varieties at time of planting? Much can be put on small wood labels, such as variety, date planted, etc. See page 76.

DWARF or BUSH BEANS



Bountiful Beans.

Grow Bush Beans in your garden and get more meals per square foot. They are easy to grow, thrive in almost any soil, and produce big crops in little space. The seed should not be sown until danger from frost is past. Sow in rows $1\frac{1}{2}$ to 2 feet apart, dropping the seeds 4 inches apart, and covering 2 inches deep. Cultivate frequently but do not work around the plants while they are wet, lest they "rust." Pick the pods before they are fully developed and the plants will produce several good pickings. For a continuous supply, make successive sowings every two weeks up to mid-July. Plenty of pulverized sheep manure and watering in the dry spells will greatly increase the yield. Apply water to the soil between the rows, not to the foliage.

One quart of Beans will plant 100 ft. of row.

If wanted by parcel post, add 8c per pt.; 10c per qt.

Green-podded Bush Beans

Green-podded Beans are preferred in local markets, although, except for color, there is really very little difference between them and the yellow-podded sorts.

Burpee's Stringless Green Pod. One of the first to bear; hardy, productive and always perfectly stringless. Pods round and thick, averaging 5 inches in length. A favorite for the home garden. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

BOUNTIFUL. A remarkably prolific and continuous bearer; reliable even under unfavorable conditions and largely grown for first crop in both home and market gardens. Long, flat but thick, light green pods. Our strain is absolutely stringless. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Full Measure. Another extra early sort that will produce amazing crops on good soil. Very long, round, dark green, stringless pods of fine quality. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

BLACK VALENTINE. Early, prolific, remarkably hardy, and a good shipper but of only medium quality. Pods long, thick, straight and dark green. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Giant Stringless Green Pod. A fine second-early to follow any of the above varieties. Very productive; handsome, round, dark green pods, averaging 6 inches in length, stringless and of fine quality. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Refugee or 1000-to-1. A late variety. Large plants bearing heavy crops of round, light green, 5-inch pods. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Keeney's Stringless Green Refugee. An improved strain of 1000-to-1; pods stringless at all stages. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Forcing Bean, Masterpiece. The best Bean for forcing either in frames or greenhouse. Pods 7 inches long, straight, flat and attractive. Pkt., 25c; pt., 80c; qt., \$1.50.

Yellow-podded Bush Beans

SURE-CROP STRINGLESS WAX. This is one of the most popular Wax Beans. Bears a profusion of attractive golden yellow pods, 6 inches long, flat but thick, meaty and absolutely stringless at all stages. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.



Sure-Crop Stringless Wax Beans.

YELLOW PODED BUSH BEANS—Cont'd.

Wardwell's Kidney Wax. An old favorite, especially for market. Early; pods 6 inches long, broad and flat, pale yellow. A good Winter shell Bean. Short crop. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.25.

Davis White Kidney Wax. Early, hardy and a fine market and shipping Bean. Pods long, flat and waxy white in color. Seeds white and kidney-shaped; excellent for baking. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Keeney's Rustless Golden Wax. Hardy and less subject to rust than other Wax Beans. A good producer of medium sized, oval, flat, stringless pods. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Round Pod Brittle Wax. The acme of quality in Wax Beans. Early and very productive on good soils, bearing long, round, golden yellow pods, brittle and stringless at all stages. Short crop. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.25.

PENCIL POD BLACK WAX. A prolific bearer of long, slender, round, light yellow pods. Medium in season; and of excellent quality. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Delicious Lima Beans

The late Summer and Fall vegetable supreme. Their food value is twice that of milk and their savoriness second to none. A light soil suits them best, and the seed should not be planted until the weather is warm and dry. The bush varieties bear earlier and require less space, while the pole varieties produce larger crops. Spray with Bordeaux Mixture as a preventative for mildew.

Bush Lima Beans

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the Beans, eyes down, every 2 to 3 inches. Cover about 2 inches deep. Thin to 6 inches.

One quart of Lima Beans will sow 100 feet of row.

If wanted by parcel post, add 8c per pt.; 10c per qt.

BURPEE'S IMPROVED. Bears the largest pods and Beans. Medium early. Pkt., 10c; pt., 40c; qt., 80c; 2 qts., \$1.50; pk., \$5.25.

Extra Early Giant. Earliest and a good yielder. Beans are large and flat. Pkt., 10c; pt., 40c; qt., 80c; 2 qts., \$1.50; pk., \$5.25.

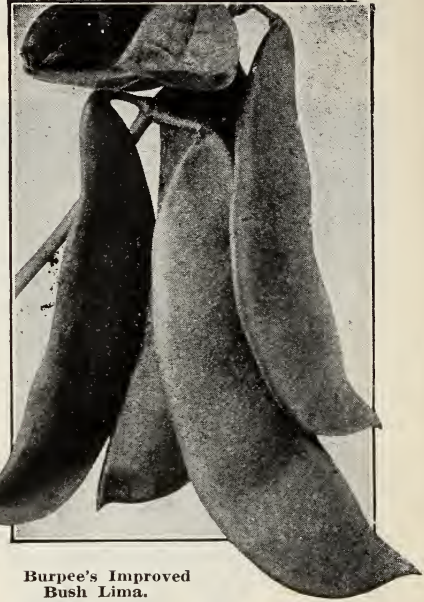
FORDHOOK. Early and productive. Large, plump Beans of fine quality. Pkt., 10c; pt., 40c; qt., 80c; 2 qts., \$1.50; pk., \$5.25.

Wonder Bush. Medium early; very productive. Large, flat Beans. Pkt., 10c; pt., 40c; qt., 75c; 2 qts., \$1.40; pk., \$4.75.

Wood's Prolific or Improved Henderson's. A prolific bearer of small Beans of rich, buttery flavor. Pkt., 10c; pt., 35c; qt., 70c; 2 qts., \$1.30; pk., \$4.50.

FARMOGERM

Farmogerm is a nitrogen fixing bacteria for inoculating all legumes (Beans, Peas, Clover, etc.). Its use promotes the growth of nitrogen nodules on the roots, which extract nitrogen from the air to the benefit of both present and future crops. Treat your Beans with Farmogerm for bigger and better crops. See page 71.



Burpee's Improved Bush Lima.

Pole Lima Beans

Use same cultural directions as for Pole Snap Beans.

One quart of Pole Lima Beans will sow 150 hills.

GIANT-PODDED or DETROIT MAMMOTH.

The largest-podded Pole Lima. Pods 7 inches long and borne in clusters of from six to eight. Beans are large, flat and of finest quality. Pkt., 10c; pt., 40c; qt., 80c; 2 qts., \$1.50; pk., \$5.25.

Early Leviathan. Earliest of the Pole Limas and prolific, bearing large pods usually containing 5 large flat Beans of excellent quality. Pkt., 10c; pt., 35c; qt., 70c; 2 qts., \$1.30; pk., \$4.50.

KING OF THE GARDEN. Vigorous and immensely productive; large pods with 4 or 5 flat Beans of good quality. Pkt., 10c; pt., 35c; qt., 70c; 2 qts., \$1.30; pk., \$4.50.

Sieva. Beans small and of rich, buttery flavor; late but productive. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.25.

Dwarf Shell Beans

Dwarf Horticultural. Stringless and useful as a "snap-short", when young. Both pods and seeds splashed with red when ripe. Excellent for baking. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

WHITE KIDNEY. Seed large, white and kidney-shaped. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

White Marrowfat. Produces large, round, white Beans of exceptional cooking quality. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

White Navy or Pea Bean. The familiar small, round, white baking Bean. Pkt., 10c; pt., 30c; qt., 55c; 2 qts., \$1.00; pk., \$3.25.

Pole Snap Beans

Pole Beans are more prolific and bear longer than the bush varieties, but should not be sown until about two weeks later. About the end of May set out stout poles 8 to 10 feet long, in hills 2 feet apart each way. Place 6 or 8 Beans in each hill and cover 2 inches deep. Later thin out to 3 or 4 plants in a hill. String or wire trellises may be used in place of poles.

One quart of Beans will plant
150 to 200 hills

White-Seeded Kentucky Wonder. Medium sized round pods, stringless and of fine flavor. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.25.

Horticultural or Speckled Cranberry. Short, light green pods, streaked with red. Excellent both as a snap and shell Bean. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Lazy Wife. A prolific, late-maturing sort, bearing green pods of medium size, stringless, thick and meaty. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

KENTUCKY WONDER or OLD HOME-STEAD. A popular variety, considered one of the best of the Pole Beans. Light green pods of good size, tender and stringless, hang in clusters from top to bottom of the vine. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Scarlet Runner. Used for both ornamental and cooking purposes. Clusters of brilliant scarlet flowers; large Beans of fine flavor used like Limas. Pkt., 10c; pt., 40c; qt., 75c.

Yard Long or Asparagus. Yields narrow pods 20 to 30 inches long, with an asparagus flavor. Pkt., 15c; pt., 75c.

DREER'S GOLDEN CLUSTER WAX. An early, yellow-podded sort of exceptional quality. It bears attractive, long, flat pods. Pkt., 10c; pt., 40c; qt., 75c; 2 qts., \$1.40; pk., \$4.75.

Mangel or Stock Beets

Excellent food for cattle or chickens during the Winter when other green food is not available. Sow in May or June, in rows 1½ feet apart, 5 to 6 pounds of seed per acre. Thin to stand 12 to 15 inches apart and cultivate frequently.

Golden Tankard. An enormous yielder; flesh and skin deep yellow. Oz., 10c; ¼ lb., 30c; lb., 75c.

MAMMOTH LONG RED. Grows to an immense size, roots often weighing to 35 pounds. Oz., 10c; ¼ lb., 30c; lb., 75c.

Sugar Beets

A little higher in food value than Mangel Beets, but the yield per acre is not so large. Require same culture as Mangel Beets.

Giant Half-Sugar. Oz., 10c; ¼ lb., 30c; lb., 75c.

Klein Wanzleben. Oz., 10c; ¼ lb., 30c; lb., 75c.

Swiss Chard (Spinach Beet)

(See page 23).



Crosby's Egyptian Beet.

GARDEN BEETS

Beets are easily the favorite of all root crops. Best results are obtained in well drained, loamy soil, although any soil will do if it is deeply dug and cultivated frequently. Sow as early as the ground can be prepared, in rows 1½ feet apart. 1 inch deep, pressing the soil down firmly over the seed. When large enough to use as Beet greens, thin out to 2 inches apart. A continuous supply can be had throughout the season by sowing seeds every two weeks up to early August. Make a liberal planting in July to provide roots for Winter use. Beets stored in a cool cellar, covered with slightly moist earth or sand, will keep their tenderness and flavor all Winter.

One ounce of seed will sow 50 feet of drill.

Extra Early Egyptian. Fine for first early crop and for forcing. Roots dark red and decidedly flat; flesh sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

CROSBY'S EGYPTIAN, SPECIAL STRAIN. No finer strain is grown than the stock we offer of this largely used Beet. It is of rapid growth, with small tops, the roots taking on their deep turnip shape at an early stage; flesh blood-red and of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

EARLY WONDER. A handsome early Beet of deeper turnip shape than Crosby's Egyptian. Recommended for both market and home gardens. Flesh blood-red, tender and of good flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.65.

Detroit Dark Red. An ideal main crop Beet, universally planted. Large, globe-shaped roots, sweet, fine grained, and dark red in color. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Bastian's Half-Long Blood. A late maturing variety, requiring 90 to 100 days to reach full size. Roots long and smooth; flesh sweet and of dark red color. A splendid Winter keeper. Pkt., 10c; oz., 15c; ¼ lb., 40c.

Beets All Winter

Late sown Beets may readily be kept for Winter use, if packed in slightly moist soil or sand in a cool cellar. We recommend Detroit Dark Red for this purpose.



Early Jersey Wakefield Cabbage.

CABBAGE

To grow good Cabbage, a fairly rich soil and plenty of moisture are required. Apply an abundance of manure or other fertilizer high in humus and nitrogen.

For early crop, start the seed in a hotbed or seed-flat indoors in January or February, transplanting to another bed or flat when the second pair of leaves appear; harden the plants off by exposing them more and more as the weather becomes warmer and set them out in the garden as soon as frosts are past. For second-early crop, sow in March or April and set out in May; for late crop, sow in May and transplant in July. Set Cabbage in rows $2\frac{1}{2}$ to 3 feet apart and space the plants $1\frac{1}{2}$ to 2 feet in the rows. Cultivate frequently and make several applications of nitrate of soda during the growing season. Insecticide soaps and Slug Shot are good remedies for Cabbage pests.

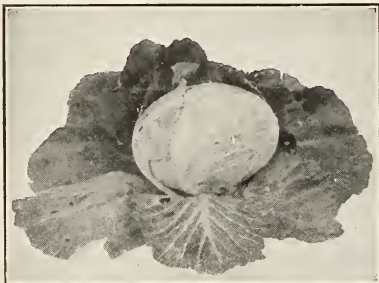
One ounce of seed will produce 3000 plants.

Early Varieties

Golden Acre. A splendid new extra early Cabbage of the Copenhagen Market type. Heads perfectly round and hard, with few outer leaves. Can be set close together. The earliest Cabbage of good quality in cultivation. Pkt., 25c; $\frac{1}{2}$ oz., 65c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Copenhagen Market. The standard early round-headed Cabbage for market, maturing with Jersey Wakefield and outyielding any other early sort. Heads large, deep, and solid. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

Early Jersey Wakefield. Selected strain. Long the favorite early sort for home and market. Small, pointed heads of finest quality. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.



Early Summer Cabbage.

Charleston or Large Wakefield. A week later than Jersey Wakefield; heads larger, thicker and less pointed. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

EARLY SUMMER. Good sized, round, flat heads following the Wakefields. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Allhead Early. Very large-heading strain of Early Summer. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Enkhuizen Glory. Round, deep heads a little larger than Copenhagen. Does well on poor soils. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Midseason and Late Cabbages

Penn State Danish Ballhead. A superior blight-resistant strain of Danish Ballhead with short stem. Heads are very solid and almost globular in shape. Heavy yielder on all soils. Pkt., 25c; $\frac{1}{2}$ oz., 65c; oz., \$1.00.

ALL SEASONS or SUCCESSION. Large, flat heads; good for both second-early and late crops. An excellent keeper. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

SELECT LATE FLAT DUTCH. The standard late Cabbage of the flat or Drumhead type. Heads large and solid; reliable and a splendid keeper. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.



Danish Roundhead Cabbage.

SUREHEAD. A thoroughbred strain of Late Flat Dutch. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Large Late Drumhead. The largest and latest of the flat Cabbages. Productive and a good keeper. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Danish Roundhead (Short-Stemmed Ballhead). Select Danish seed. The leading Cabbage for late markets. Very solid, medium sized, round heads of excellent keeping quality. Short stem. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Danish Ballhead. Tall stem. Taller and a little later than the Danish Roundhead. Heads globe-shaped, extremely solid and the best of Winter keepers. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Early Savoy. Two weeks earlier than Drumhead Savoy. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Perfection Drumhead Savoy. Large flat heads with dark green crinkled leaves. Quality superb; a favorite for home gardens. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Red Varieties

Mammoth Rock Red. The standard Red Cabbage. Heads large, flat and solid. Productive and reliable. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

Danish Stonehead. Heads of medium size, globular and extremely solid, dark red to the core. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

CARROTS

Deep, light, sandy soil will produce smooth, shapely Carrots, while a heavier clay will grow firmer and better colored roots. For early crop, sow the short-rooted varieties from the first to the middle of April, in rows 12 inches apart, and cover about $\frac{1}{2}$ inch deep. For main crop, sow up to the middle of June in rows 15 to 18 inches apart. Thin out the plants to stand 3 to 4 inches apart. Carrots may be kept for Winter use in the same manner as beets. We particularly recommend Danvers Half-Long and Half-Long Luc for this purpose. **One ounce of seed will sow 100 feet of row.**

French Forcing or Early Short Horn. Small, round, reddish orange roots of fine flavor. Largely used for forcing in frames, matures very quickly. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Early Scarlet Horn. Deep orange in color; $2\frac{1}{2}$ to 3 inches long. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

GUERANDE or OXHEART. Roots short and blunt, 3 to 4 inches in diameter and about 4 inches long. The best Carrot for hard, stiff soils. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Chantenay Half-Long. Slightly tapered, blunt-rooted variety, the earliest of the large Carrots. Excellent for home gardens and early market. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

DANVERS HALF-LONG. Roots average 6 to 8 inches long, tapering to a blunt point. Productive and a good keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Half-Long Luc or Coreless. Orange-red, blunt roots, slightly tapered. A heavy yielder. Quite similar to Danvers. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

Half-Long Stump-Rooted. Handsome roots, almost cylindrical in shape, tender and fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

St. Valery. An excellent half-long main-crop variety. Broad at the neck, tapering to a point. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Long Orange. Rich orange; long, tapering roots; fine for stock feeding. A heavy yielder on deep soils. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Large White Belgian. Very large; flesh and skin white; used for feeding cattle. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.



Chantenay Half-Long Carrots.

CAULIFLOWER

Cauliflower is, in our opinion, the finest flavored of all the cabbage family and may easily be grown in the small garden, providing the soil is moderately rich.

Best heads are grown in rich, moist soil and in cool weather, so it is usually grown as an early Spring or Fall crop. Culture is the same as for cabbage.

SPECIAL EARLY SNOWBALL. The most reliable and popular extra early Cauliflower. Compact plants with few outer leaves and large, solid, snowy white heads. Good for forcing as well as outdoors. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00 oz., \$3.00.

Short-Leaved Snowball. A superb early strain of the above with but few outer leaves. Ideal for forcing in frames and for the home garden. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Danish Dry Weather. A little larger and later than Snowball, but will endure more drought and hot weather. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00.

Chinese Celery Cabbage

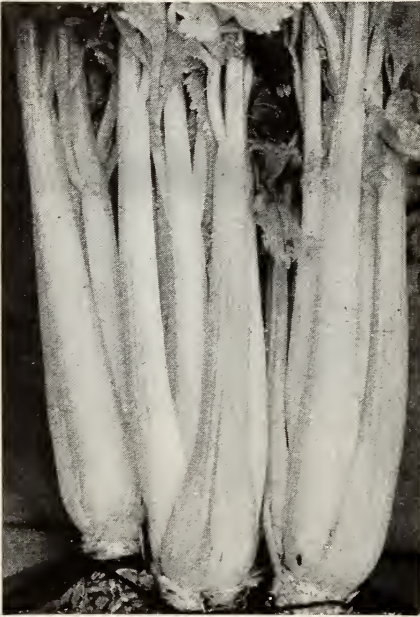
Far too few people are acquainted with this delicious Chinese vegetable. It has all the good qualities of both cabbage and lettuce, with a flavor all its own. It may be cooked like cabbage or cauliflower and served with cream dressing or may be used raw as a lettuce. Heads are oblong in shape and self-blanching. Sow in July or early August, in rows 2 feet apart, and thin or transplant to 1 foot apart in the rows. The heads form best in cool Fall weather and may be stored like cabbage until midwinter.

One ounce of seed will sow 150 feet of row.

Pe-Tsai. Heads narrow and very tall. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.



Special Early Snowball Cauliflower.



Golden Plume Celery.

CELERY

For early crops sow the seed in the hot-bed by the middle of February, transplanting later to a cold frame and setting out in the garden in late May, 6 inches apart, in trenches about 10 inches wide, 6 inches deep and 4 feet apart. For late Celery, sow in March or April and transplant to trenches in late June or July. As the plants attain full size, gradually draw up earth on both sides to blanch them and bring out the flavor. Use Bordeaux Mixture as a rust preventative.

One ounce of seed will produce 5000 plants.

White Plume. The earliest variety. The inner stalks turn white without blanching. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.

GOLDEN PLUME. A new Celery of great value. Hardy, grows quicker and attains a larger size than Golden Self-Blanching, which it otherwise resembles. Pkt., 25c; ½ oz., \$1.00; oz., \$1.75.

Golden Self-Blanching. (American-grown from French originator's stock). A fine early maturing variety of dwarf, stocky growth, with heavy golden yellow heart. Blanches easily. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

EASY BLANCHING. A splendid Celery for both early use and Winter keeping. Hardy, blight resistant, blanching easily and of splendid quality. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.

Fordhook Emperor. A dwarf Winter Celery with very thick, heavy stalks. Leads all in flavor. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.

Standard Bearer. A red or rose tinted variety of excellent flavor. Strong, sturdy growth and easily blanched. Pkt., 15c; ½ oz., 55c; oz., \$1.00.

CELERIAC

(Turnip-Rooted Celery)

Same culture as celery. Leaves are not edible. Bulbous roots are used as flavoring in soups and salads. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.

CHICORY

One ounce of seed will sow 200 feet of drill.
Witloof (French Endive). Sow in early Spring in rows 1½ feet apart and thin to 4 inches. Lift the roots in the Fall and bury them in light soil in a warm cellar. The new growth, ready in a month, makes a delectable salad. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Large-Rooted Magdeburg. Grown for its roots, which are dried, ground, and used as a substitute for coffee. Pkt., 10c; oz., 25c; ¼ lb., 75c.

COLLARDS

A tall, loose-leaved cabbage much prized in the South as boiling greens. Same culture as cabbage.

True Georgia. Pkt., 10c; oz., 20c; ¼ lb., 60c.

CORN SALAD (Fetticus)

One ounce of seed will sow 200 feet of drill.

Sow in September for Fall salad, or protect over Winter for Spring use.

Large-Seeded. Large, round, deep green leaves, forming a dense rosette. Pkt., 10c; oz., 20c; ¼ lb., 60c.

CRESS

Extra Curled or Pepper Grass. An appetizing salad, growing rapidly in any garden soil. Pkt., 10c; oz., 15c; ¼ lb., 35c.

Water Cress. The true "Water Cress." Easily raised from seed in your own garden in any moist location. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.00.

DANDELION

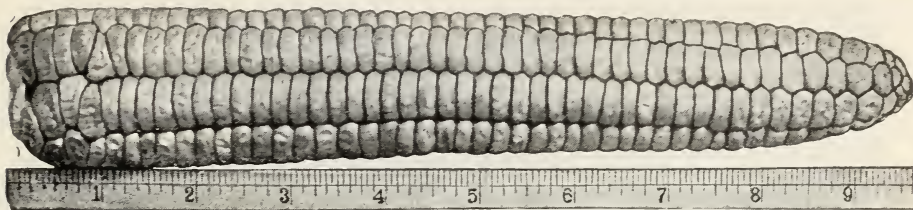
Sow in early Spring in rows 15 inches apart, and thin to 4 inches.

One ounce of seed will sow 200 feet of drill.

Improved Thick Leaf. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.



Water Cress.



Barden's Wonder Bantam Corn—A Giant Golden Bantam and Just as Sweet.

SWEET CORN

Sweet Corn is the favorite crop in most American gardens, and one of the easiest to grow. A deeply dug, moderately rich, well drained soil will give best results. Wait until soil and weather are warm before sowing; the middle of May is generally safe for the yellow varieties and two weeks later for the whites.

Sow in rows $2\frac{1}{2}$ to 3 feet apart; scatter seeds 3 to 4 inches apart and cover 2 inches deep, later thinning out to 1 foot apart in the rows. Corn is also grown in hills 3 feet apart each way for horse cultivation, leaving three strong plants in each hill. Frequent shallow cultivation is important—more necessary with Corn, perhaps, than with any other garden crop.

For succession, make sowings every 10 days up to July 15. To insure good pollination and well filled ears, grow Corn in several short rows, side by side, rather than in one long row.

One quart of seed will plant 200 hills, or 400 feet of row.

If wanted by parcel post, add 8c per pt.; 10c per qt.

Yellow Varieties

Golden Bantam. A universal favorite. May be planted as early as May 1st. Dwarf growing; matures in 60 days; ears 5 to 6 inches long with 8 rows of broad, yellow kernels of unsurpassed flavor. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

BARDEN'S WONDER BANTAM. The best selection from the old favorite Golden Bantam. Retaining all of the sweetness and rich flavor of that variety, it produces ears 3 inches longer and a little larger in diameter. Prolific, extra early, ideal in size; will become one of the most popular Sweet Corns in cultivation. Pkt., 10c; pt., 30c; qt., 55c; 2 qts., \$1.00; pk., \$3.00.

DeLue's Golden Giant. A splendid hybrid sort with the color and quality of Golden Bantam and the size of its other parent, Howling Mob. Nearly as early as Bantam. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

Golden Evergreen. About one week later than Bantam. Tapering ears of good size, with 12 or 14 rows of deep yellow kernels. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

Golden Cream. Best described as a yellow Country Gentleman and just as fine flavored. Matures same time as Howling Mob. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

Early and Second Early

Early Mayflower. The earliest white Sweet Corn of good size; ears 6 to 7 inches long, with 10 to 12 rows; prolific; good quality. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

Mammoth White Cory. Very similar to Mayflower and preferred by many planters. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

Pocahontas. About a week later than Mayflower; ears 8 inches long, kernels broad, deep, and of very choice quality. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

Black Mexican. A medium early, small-eared sort with purplish black grains of very rich flavor. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

KENDEL'S EARLY GIANT. A large-eared, second-early; 8 to 9 inches long; 12 rows; productive. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

Howling Mob. The leading white, second-early. Productive and of extra fine quality. Ears 9 to 10 inches long with 14 rows. Pkt., 10c; pt., 25c; qt., 50c; 2 qts., 90c; pk., \$2.75.

Main Crop and Late

EARLY MAMMOTH. Ears 10 to 12 inches long, with 16 to 18 rows of large, white grains; very sweet. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

Early Evergreen. Resembles Stowell's Evergreen, but ten days earlier. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

Stowell's Evergreen. The good old standard for home and market. Rich and sweet in flavor; remains tender for a long time. Ears 7 to 8 inches long and 12 to 14-rowed. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

WHITE EVERGREEN. Similar to Stowell's Evergreen, but retains its whiteness better when canned. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

Late Mammoth. Largest of all; ears 12 inches long and 18 to 20-rowed but very sweet and tender. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

Country Gentleman. Sweet, tender, milky grains on very small cob; zig-zag-rowed ears which grow about 10 inches long. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., \$2.50.

POP CORN

Pop Corn is sometimes difficult to obtain when you want it; why not grow your own and have a supply on hand?

White Pearl. Pure white. Pkt., 10c; pt., 15c; qt., 30c; pk., \$2.00.



Supreme Green Cucumber.

CUCUMBERS

Cucumbers thrive best in a rich, warm, loamy soil, and planting should be delayed until settled warm weather. Make hills about 4 feet apart each way and thoroughly mix into the soil well-rotted manure to a depth of 6 inches or more. Scatter 12 to 15 seeds to a hill and cover one inch deep; thin out to 3 or 4 of the strongest plants after danger of insects is over. Dust the young plants with Slug Shot to kill the beetles and worms.

One ounce of seed will plant about 50 hills.

SUPREME GREEN. Plants are very vigorous, with rich, dark green foliage and very resistant to blights. Fruits are uniform, usually 8 to 10 inches long, and the darkest green we have seen in Cucumbers. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Arlington White Spine. Straight, symmetrical fruits; suitable for forcing or in the garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

COOL AND CRISP. Long, dark green; finest quality; bears through a long season. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Davis Perfect. A favorite sort. Slender, dark green fruits; tender and fine for slicing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Early Fortune. An early variety, about 8 inches long, with few seeds; rich dark green in color. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Extra Long or Evergreen White Spine. Very long fruits, rich dark green; flesh white, firm and crisp. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Forcing White Spine. A splendid free-growing strain for forcing. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Fordhook Famous. Extra large fruits; flesh thick, crisp and fine flavored. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Improved Long Green. Very long, slender, smooth, dark green fruits. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Japanese Climbing. A climbing variety. Fruits 10 to 12 inches long; fine for slicing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Pickling Varieties

CHICAGO PICKLING. A prolific bearer of very uniform, medium sized fruits. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Green Prolific or Boston Pickling. Short, smooth, bright green; fine for pickles. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

Jersey Pickle. Fruits are light green, long and slender. Productive. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Snow's Perfection Pickling. Short and blunt on end. Rich deep green in color. Very productive. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

West India Gherkin. Small fruits, 2 to 3 inches long, covered with spines. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

English Frame Varieties

A distinct type especially selected for forcing. We offer the finest English varieties.

Improved Telegraph, Matchless, Rochford's Market. Each, pkt., 50c.

EGGPLANT

Sow the seed in hotbed or indoors in early March. When the plants are 3 inches high, transplant to small pots, and later on to larger pots. Set them out in the garden late in May, about 3 feet apart each way.

One ounce of seed will produce 1000 plants.

Black Beauty. Early; fruits large and almost black. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.

New York Improved Purple. Large, smooth, dark purple fruits; prolific. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.



Black Beauty Eggplant.

ENDIVE

Endive is one of the most tasty and healthful salads and can be had in late Summer and Fall when lettuce is hard to get. For early use, sow in April in shallow drills $1\frac{1}{2}$ feet apart. Blanch by gathering the leaves together over the center and tie with a string.

One ounce of seed will sow 100 feet of drill.

French Endive. See Witloof Chicory.

Broad-Leaved Batavian (Escarolle). Fleshy leaves, not fringed, used largely for soups and stews. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

GIANT FRINGED. Large plants with finely fringed and curled tender green leaves. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Large Green Curled. The standard variety. Hardy; blanches golden white. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Pancalier. Strong grower with heavily curled, deep green leaves. Ribs are slightly tinted rose. Blanches easily. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

SALADS

Lettuce is the only salad known and eaten by many people. The other salads, Endive, Mustard, Chinese Cabbage and Corn Salad, are just as tasty and should be made a regular article of diet. They are also beneficial from a health standpoint, as they are rich in vitamins.

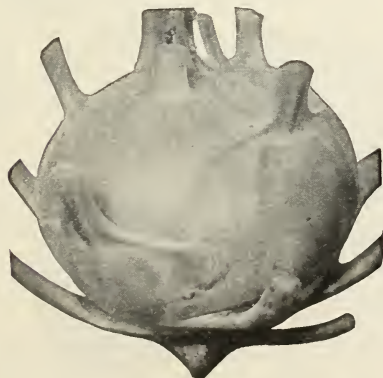
KOHLRABI

Kohlrabi or Turnip-rooted Cabbage, develops best in cool weather but may be had all season if grown in deep, moist soil. Sow seed at intervals from April to early August, in rows 15 inches apart, and thin to 5 inches. Kohlrabi should be used when $1\frac{1}{2}$ to 2 inches in diameter. The best way to prepare is to slice and boil and serve with cream dressing. The flavor resembles that of cauliflower.

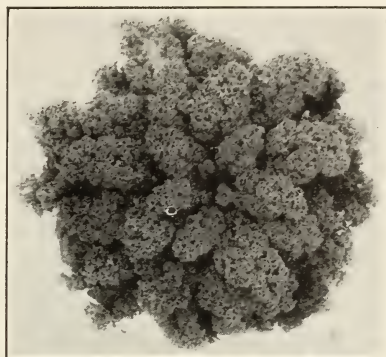
One ounce of seed will sow 250 feet of drill.

Early White Vienna. The earliest variety. Leaves small; flesh white and tender. **Buy early, very short crop.** Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Early Purple Vienna. Skin is purple and flesh white; fine flavored. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.



Early White Vienna Kohlrabi.



Dwarf Green Curled Scotch Kale.

KALE, or BORECOLE

The flavor of Kale is improved by frost, so that it is generally sown for late crop. Sow in May or June and transplant later to rows 2 to $2\frac{1}{2}$ feet apart, and cultivate like cabbage. For early Spring crop, sow in September and protect over Winter.

One ounce of seed will sow 300 feet of drill.

DWARF GREEN CURLED SCOTCH. Hardy, low-growing and bushy, with tender, curly, deep green leaves. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Dwarf Siberian. Leaves broad and not so curly as the Scotch. Extremely hardy. This variety is sometimes called "Sprouts." Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

LEEK

Leeks do not form bulbs, but the thick stalks have a mild onion flavor and are fine for flavoring stews or salads. Grow the same as onions, in deep, rich soil, and as they develop draw the soil up about the stems to blanch them.

One ounce of seed will sow 100 feet of drill.

Giant Carentan. Hardy; blanches pure white; thick stem of mild flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Large American Flag. A popular large variety of good quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

MUSTARD

Mustard has grown popular both as a salad and for greens. Sow in Spring, and every two weeks up to July, in shallow drills 1 to $1\frac{1}{2}$ feet apart. Use the leaves when young, before flower buds appear.

One ounce of seed will sow 75 feet of drill.

Fordhook Fancy. Dark green, heavily fringed leaves. Finest quality and slow to shoot to seed. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

GIANT SOUTHERN CURLED. Grows $2\frac{1}{2}$ feet tall; leaves broad, mild and tender when young. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Long Standing Thick Leaf or Elephant Ear. Light green leaves with white ribs. Of agreeable flavor when cooked, like spinach. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

White London. Leaves used for salads when young; the seed for flavoring pickles. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

LETTUCE

Dig the soil deeply for Lettuce, using plenty of manure or nitrogenous fertilizer, and adding sand or humus if the soil is heavy. For a very early crop, start seed indoors or in a hotbed in early March, thinning or transplanting the seedlings as soon as they are large enough to handle; harden them off and set them out in the garden in early April. The first sowing outdoors may be made as soon as the ground is fit. Make the rows 15 to 18 inches apart and thin the plants out as they develop, so that they eventually stand 10 to 12 inches apart. Timely thinning and plenty of room is especially important in growing Head Lettuce. For the first crops grow Loose-Leaf or Early Butterhead varieties; follow these with the late Butterheads; and for hot weather use, grow the Crisphead or Cos types.

One ounce of seed will sow 150 feet of drill.

Loose Leaf or Cutting

GRAND RAPIDS. One of the best loose-leaf Lettuces for extra early planting. Handsome plants, with large, crisp, curled and fringed leaves. Our strain of this fine Lettuce is very highly developed and equally valuable for either forcing or outdoor use. Sow every two weeks for succession. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Black-Seeded Simpson. Large, bushy plants with attractively crumpled and fringed light green leaves. A favorite for both home and market. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

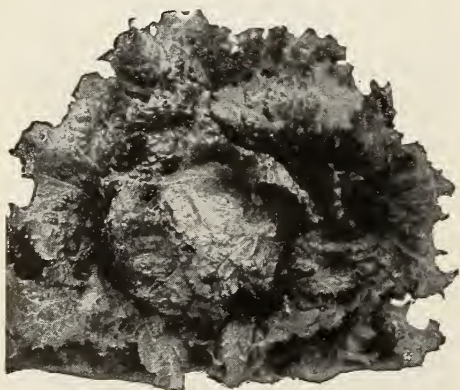
Early Curled Simpson. Gives quick results in the home garden. Broad, crumpled, yellowish green leaves of fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

The Morse. Outer leaves light green; inner leaves blanched light yellow. Vigorous and a good forcer. **Short crop.** Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

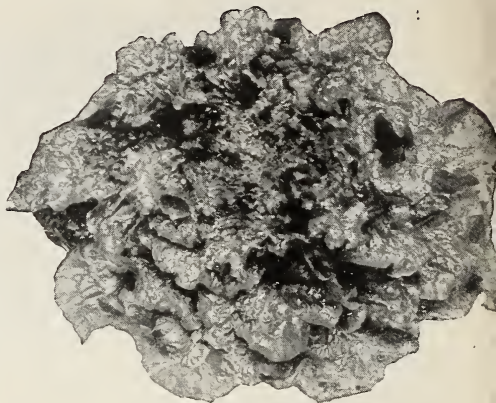
Cabbage or Butterhead

May King. Early. Fine for the first sowing. Medium sized heads, blanching to golden yellow in the heart; tender and finest quality. Pkt., 10c; oz., 20c $\frac{1}{4}$ lb., 60c.

Big Boston. Early. Large, solid heads; outer leaves deep green with brownish edges; inner leaves light yellow. Largely grown for market. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.



Wonderful (California Ice) Lettuce.



Brown Curled Lettuce.

Mammoth Black-Seeded Butter. Late. Big heads with broad, crumpled leaves; always tender and of fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

ALL SEASONS. Late. Stands hot weather better than other sorts and makes large, deep green heads; yellow in the heart. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Crisp as Ice. Medium size, slightly pointed, bronzy green heads. Extra hardy and valuable for late Fall use. **Short crop.** Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Salamander or Black-Seeded Tennis Ball. The finest hot weather, cabbage-heading Lettuce. Heads are of medium size, very solid and compact; outer leaves medium green; heart blanches to a clear golden yellow. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Crisphead, or Ice Lettuce

Iceberg. All of the Crisphead Lettuces are good in warm weather. Iceberg is the earliest of the class and makes very large solid heads of crisp, incurved, light green leaves. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Golden Curled. Good for both early and late sowings, as it is quite heat-resistant. Compact bunches of tender, yellowish leaves. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

WONDERFUL or NEW YORK. The well known "California Ice Lettuce." Solid heads; dark green with yellowish white center; very crisp and sweet. This is the variety sold by markets under the trade name of "Iceberg;" however, it is larger and later than that variety. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Brown Curled or Chartier. Medium sized. Leaves medium brown and finely curled at the edges. Loosely folded heads, fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Improved Hanson. Loose heads of crumpled light green leaves. A reliable Summer Lettuce for home gardens. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Trianon Self-Folding Cos or Romaine. Tall and erect growing, with long, narrow, spoon-shaped leaves, blanched by tying together at the top. Thrives in warm weather. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

MUSKMELON

Muskmelons or Cantaloupes require a warm, rich soil. Prepare hills 6 feet apart by digging in rotten manure to a depth of 8 to 10 inches and covering with fine soil. Sow 10 to 12 seeds in each hill, in late May, and, after danger of insects is over, reduce to 3 or 4 plants in a hill. Fight the insects by dusting the young plants with Slug Shot and spray the vines with Pyrox. Many old gardeners plant a few radishes in each hill to keep away insects.

One ounce of seed will plant about 50 hills.

Extra Early Hackensack. Large, flattened at the ends and deeply ribbed; flesh green. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Extra Early Knight. Oblong, with dark green, netted skin and rich, sweet green flesh. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

GOLD-LINED ROCKY FORD. Medium-sized, round, closely netted melons with thick, sweet, green flesh, tinged with yellow around the small seed cavity. Late. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Netted Gem. Small, round, heavily netted, with green flesh of superb quality. Late. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Tip Top. Large, ribbed fruits with thick orange flesh of finest quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Honey Dew. Too well known to need description. Can be successfully grown in this section if started indoors in berry boxes or square pieces of sod so that the roots need not be disturbed in transplanting. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

WATERMELON

Use same culture as for Muskmelons but make the hills 8 to 10 feet apart and use weaker sprays for insect control.

One ounce of seed will plant about 40 hills.

Alabama Sweet. Long, dark green; flesh red. A good shipper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Early Fordhook. Extra early and will mature large, round melons in this section. Skin dark green; flesh scarlet, of excellent quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

FLORIDA FAVORITE. Oblong; of medium size; striped light and dark green. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Kleckley Sweets. The sweetest variety. Long, dark green, with crisp, red flesh. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Citron, Red-Seeded. Flesh thick and white; used for preserving. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

MUSHROOM SPAWN

Mushrooms are easy to grow in a cellar or a disused shed and may also be propagated in the lawn around the home. Full directions are included with each order. Bricks, 30c., (postpaid, 40c.); 10 bricks, \$2.50; 50 bricks, \$10.00; 100 bricks, \$19.00.

Bottle Spawn. \$1.25, postpaid.

Horse-Radish Roots

Maliner Kren. The best variety. Disease-resistant and a quick grower. 40c per doz.; \$1.75 per 100; \$12.50 per 1000.

OKRA or GUMBO

Sow in rich, warm soil, about the middle of May, in drills 3 feet apart and cover an inch deep. Thin to 1 $\frac{1}{2}$ feet. A fine vegetable for the home garden. The tender pods are delicious boiled and creamed and are also largely used to add flavor and substance to soups and stews.

One ounce of seed will sow 30 feet of drill.

Long Green Pod. Pods long, green and abundantly produced. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

White Velvet. Long, smooth, almost white pods. Pick when young and tender. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

PARSNIPS

Parsnips require a deeply dug but not necessarily rich soil. The largest and smoothest roots are grown in light, mellow soil, free from stones. Fresh manure causes rough and misshapen roots. The seed should be sown as early as the ground is fit—never later than mid-May. Make the rows 1 $\frac{1}{2}$ feet apart and cover the seed about $\frac{1}{2}$ inch deep. Thin out the plants to stand 4 to 5 inches apart. Give frequent deep cultivation. The flavor of Parsnips is improved by frost. Dig them in late Fall or leave them in the ground to be dug as needed during Winter.

One ounce of seed will sow 100 feet of row.

Hollow Crown. Long, smooth, white roots of excellent table quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Lisbonais. Similar to Hollow Crown but white and smooth skinned. Fine quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.



Hollow Crown Parsnips.

ONIONS

A fine, prepared, mellow soil, well fertilized, is needed to grow good, large Onions from seed. As early in the Spring as the ground can be worked, sow the seed in drills 15 inches apart and cover $\frac{1}{2}$ inch deep. When the seedlings are 3 to 4 inches high, thin or transplant them to stand about 3 inches apart. Hoe frequently to keep the soil loose but do not draw it around the bulbs. For extra large Onions, start the seed in the hotbed in late February or March and transplant to the garden in April.

One ounce of seed will sow 100 feet of drill.

Ailsa Craig. The largest of all Onions; often grown for exhibition. Globe shape; straw-yellow. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Gigantic Gibraltar. Very similar to Ailsa Craig. Strong grower with mild sweet flesh. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c.



Yellow Globe Danvers Onion.

Large Red Wethersfield. Very large, flattened, purplish red bulbs. An excellent keeper. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

Prizetaker. Globe-shaped, with golden brown skin and mild, crisp, sweet, white flesh. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

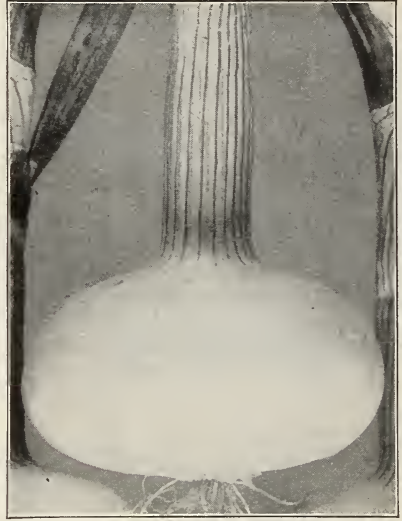
SOUTHPORT WHITE GLOBE. A very handsome, pure white-skinned Onion of large size and true globe shape. Fine shipper and keeper. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25.

Southport Yellow Globe. Larger than Danvers and more uniformly globe shaped. One of the handsomest, best selling, and best keeping Onions. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.

WHITE BUNCH. Quick growing; mild flavored. Extensively sown for green Onions. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25.

White Portugal or Silverskin. Large, flat bulbs with silvery white skin and mild flesh. Grown largely for green Onions. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25.

YELLOW GLOBE DANVERS. Handsome globe-shaped bulbs of good size, with brownish yellow skin and crisp, firm, white flesh. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.10.



White Portugal Onion.

Onion Sets

Onion Sets are produced by sowing seed very thickly and not thinning out. They are the quickest method of producing green bunch Onions in early Summer and if planted 4 to 5 inches apart will produce good Onions for late Summer or Fall use. Onions produced from sets do not keep well over Winter and for this purpose it is better to sow seed.

White. Qt., 35c; pk., \$2.00.

Yellow. Qt., 25c; pk., \$1.50.

If wanted by parcel post, add 10c for one quart; 15c for two quarts.



White Bunch Onions.

PARSLEY

Sow in early Spring in rows 1 foot apart and cover firmly $\frac{1}{4}$ inch deep; thin out to 6 inches. The seed is slow and irregular in sprouting and may be hastened by soaking it in warm water several hours before sowing. We suggest planting a few quick-growing seeds (such as radishes) with Parsley to mark the row. Plants may be potted and taken indoors for Winter use. **One ounce of seed will sow 200 feet of drill.**

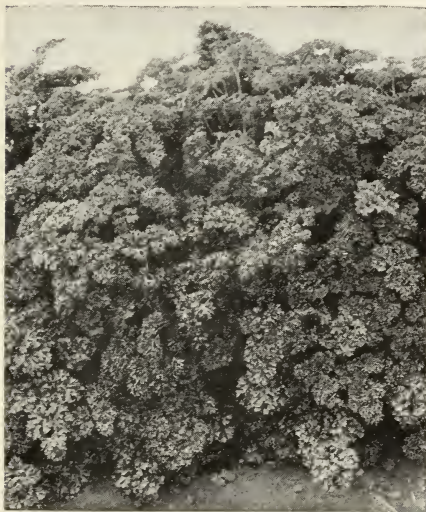
CHAMPION MOSS CURLED. Crimped and curled leaves, rich dark green. Vigorous. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Dwarf Extra Curled. Compact in growth, with beautiful, densely curled leaves, bright emerald green. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Plain-Leaved. Taller and more strongly flavored than the curled sorts. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Hamburg Turnip-Rooted. Grown for its roots which are shaped like short, broad parsnips and are used for flavoring. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Hamburg Extra Long Rooted. Roots narrower and much longer than the preceding. Pkt., 19c; oz., 20c; $\frac{1}{4}$ lb., 50c.

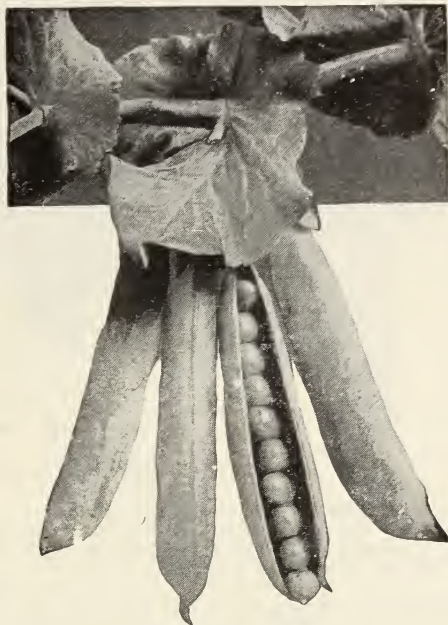


Champion Moss Curled Parsley.

Make Your Garden Work All Summer

Don't be content with one planting and one harvest. Plan now to plant something in the spaces vacated by early crops. Below we give latest dates on which the various vegetables may be planted to produce crops in this section.

Bush Beans, Aug. 1.	Kale, Aug. 1.
Beets, July 15.	Kohlrabi, Aug. 1.
Carrots, July 15.	Lettuce, Aug. 15.
Corn Salad, Aug. 15.	Mustard, Aug. 15.
Sweet Corn, July 15.	Pumpkin, July 15.
Cucumber, July 15.	Radish, Sept. 1.
Endive, Aug. 1.	Turnip, Sept. 1.



Market Surprise Peas.

GARDEN PEAS

There are two classes of Peas, the smooth-seeded kinds, which are very hardy and may be planted as early in the Spring as the ground can be prepared, and the wrinkled Peas, which are less hardy but much better in quality. Wrinkled Peas should not be sown much before mid-April.

Sow in drills about 3 feet apart and 3 inches deep. Tall-growing kinds may be grown in double rows, allowing 6 inches of space between in which to place brush or trellis to support the vines. All Peas do best on a fairly heavy soil which holds plenty of moisture, although the dwarf kinds will give good results on a light soil, providing it is moderately rich.

By planting one or two varieties of smooth-seeded Peas as early as possible and then a selection of wrinkled sorts that will mature in succession, a constant supply of tender green Peas may be had. Varieties are listed in the order in which they mature. **One quart of Peas will sow 100 feet of row.**

If wanted by parcel post, add 8c per pt.; 10c per qt.

Earliest Varieties

Early Eight Weeks (Smooth). Quickest maturing Pea in cultivation. Grows 15 inches high and bears a fine crop of good sized pods with large, tender Peas. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Alaska (Smooth). Standard extra early. Vines 2 feet tall, bearing a large crop of 2½-inch pods, packed with small Peas. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

MARKET SURPRISE (Smooth). Combines earliness with good size and quality. Vines 2 feet high; pods 3½ inches long. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.



World's Record Peas.

PEAS—Continued

EARLIEST VARIETIES—Continued.

World's Record. An extra early strain of Gradus, with all the good Gradus qualities. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Gradus or Prosperity. Next to World's Record this is the earliest of all wrinkled Peas. Vigorous and productive, growing 3 feet tall, loaded with broad, pointed, 4-inch pods. Peas large and of splendid quality. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

THOMAS LAXTON. Very similar to and same season as Gradus, but the pods are blunt-ended and average more Peas per pod. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Early and Second Early

AMERICAN WONDER. Follows Gradus. Vines 1 foot high, loaded with medium sized pods. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Little Marvel. Grows 15 inches high and bears several good pickings of 3½-inch pods, packed full of large, deep green Peas of splendid quality. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Hundredfold. Similar to Laxtonian but not quite so tall. Very prolific and the finest quality. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

LAXTONIAN. The finest in quality of the early Peas, and the largest podded. Vines 1½ feet high; pods 4 inches long, well filled. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Pioneer. Similar to Laxtonian but a trifle lighter in color and a more reliable producer on light soils. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Sutton's Excelsior. Taller and later than Laxtonian. Pods of medium size. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Main Crop Varieties

POTLATCH. A heavy yielding, high quality, main crop dwarf Pea. One of the best for home gardens. Vines 2 feet tall; pods 5 inches long, containing 8 to 10 large Peas. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., \$1.20; pk., \$4.00.

Duke of Albany. An excellent Pea of the Telephone type, just as prolific and a little earlier. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Boston Unrivalled or Improved Telephone. Reliable and immensely productive; vines 4 feet high; long, broad, light green pods. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Alderman. Robust strain of Telephone with dark green pods and vines. Pods are 4 to 5 inches long and usually contain nine large Peas of finest quality. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

CARTER'S DAISY or DWARF TELEPHONE. The latest of the dwarf sorts, and unsurpassed for quality. Vines 2 feet high; large, well filled pods. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

Champion of England. The finest very late, tall Pea. Pods 3½ inches long containing 8 very large Peas that equal the best of the early varieties in flavor. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.10; pk., \$3.75.

White Marrowfat. Grown for the dry Peas. Pkt., 10c; pt., 30c; qt., 55c; 2 qts., \$1.00; pk., \$3.25.

Mammoth-Podded Sugar. The half-grown pods of this type are delicious prepared for the table like snap beans. Pkt., 10c; pt., 45c; qt., 85c; 2 qts., \$1.60; pk., \$5.50.

ONE OF MANY SATISFIED CUSTOMERS

Early in the Spring I purchased six quarts of your Bountiful Peas. From this planting, over a period of seven weeks, I have picked 60 bushels of the finest green Beans imaginable. There was not a sign of rust and my customers reported that they were absolutely stringless. The above figures tell the story of how pleased I am with your seeds.—JOHN H. GARINGER, Sebostville Farms, Ligonier, Pa.

Inoculate Your Peas With Farmogerm



Harris' Early Giant Pepper.

PEPPER

Light, warm, mellow soil is best for Peppers. The seed should be started indoors or in the hotbed early in March. Give the young plants plenty of heat and moisture, transplanting to paper pots when 3 inches high, and setting them out in the garden late in May.

One ounce of seed will produce 1000 plants.

Harris' Earliest. Like Neapolitan but earlier and a little smaller. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

Neapolitan. Extra early and prolific; fruits 3 inches long and rather narrow; mild. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25.

RUBY KING. Always mild and sweet. Fruits thick-fleshed, 4 inches long, tapering to a blunt point. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Pimiento (Crimson Beauty). Medium size and bluntly cone-shaped, perfectly smooth, very thick-fleshed and sweet as an apple. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Bullnose or Large Bell. Good sized, square fruits; usually quite strong in flavor. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25.

HARRIS' EARLY GIANT. The earliest of the extremely large-fruited Peppers. Fruits fairly long and almost as large in diameter as Chinese Giant, with thick, meaty flesh and fine, mild flavor. Pkt., 25c; ½ oz., \$1.00; oz., \$1.75; ¼ lb., \$6.00.

Giant Crimson. Large, square, mild fruits; medium early; productive. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

Chinese Giant. Fruits average 5 inches long and 4½ inches in diameter; thick fleshed and sweet. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Squash or Tomato-Shaped. Small, round, thick-fleshed, strong flavored. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Small Red Chili. Prolific. Fruits very hot and pungent. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.65.

Long Red Cayenne. Like the Chili but longer and larger. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Large Red Cherry. Very pungent. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.65.

PUMPKIN

Sow in May in well enriched hills 8 to 10 feet apart each way, or sow with corn, dropping a few seeds in every third or fourth hill.

One ounce of seed for 25 hills; 4 lbs. for an acre.

Connecticut Field. Large, heavy, oblong in shape, with orange skin and orange-yellow flesh. Productive. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Cushaw, Golden. Deep yellow skin and flesh. The Cushaw Pumpkins resemble very large, smooth, crookneck squashes in shape. Excellent for pies. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.50.

Cushaw, Green Striped. Creamy white, striped with green. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.50.

Cushaw, White. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.50.

Kentucky Field. Somewhat similar to Large Cheese, but orange in color and many fruits inclined to be long or round. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

LARGE CHEESE. Large and flat, with creamy buff skin and yellow flesh. Good quality. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

King of the Mammoths or Potiron. Grows to an enormous size (often 100 pounds in weight). Skin salmon-orange; flesh yellow, coarse. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.75.

Small Sugar. Small, round, bright orange, with fine grained, sweet, yellow flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

WINTER LUXURY or PIE SQUASH. Sweetest of all Pumpkins. Medium size; round, with yellow skin and flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.



Connecticut Field Pumpkin.

RHUBARB

Sow in early Spring in rows 1½ feet apart, covering an inch deep. Thin out to 6 inches. In the Fall, transplant to deep, rich soil, spacing the plants 3 to 5 feet apart each way, and mulch well with manure.

One ounce of seed will sow 150 feet of drill. **Victoria.** The most popular variety. Large, tender, juicy stalks. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Rhubarb Roots. Strong roots, 15c each; large clumps, 50c and \$1.00 each.



Three Weeks Forcing Radishes.

CRISP RADISHES

Radishes are easy to grow in any soil, but make the smoothest and best quality roots in a well prepared, fairly rich loam. The early varieties, which follow, do best in cool weather and should be sown as early in the Spring as the ground is fit, with frequent succession plantings up to the middle of May. They may also be sown in late August for Fall use. Scatter the seed thinly in shallow drills 12 to 15 inches apart, and if necessary thin out to 2 inches apart. For hot weather and Winter use, grow the Summer and Winter Radishes, which see.

One ounce of seed will sow 100 feet of drill.

THREE WEEKS FORCING. The earliest Radish, bar none. Roots are small, round and bright red. Very crisp and tender. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Scarlet Button or Non Plus Ultra. Small, round, bright red roots; crisp and tender; ready for the table in three weeks from sowing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

SPECIAL EARLY SCARLET GLOBE. Larger and deeper in shape than Scarlet Button; a few days later but does not get pithy so quickly. An ideal forcing Radish and very popular outdoors also. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c.

French Breakfast. An extra early Radish of fine quality. Olive-shaped; deep scarlet with white tip. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

CINCINNATI MARKET. Smooth, slender roots 4 to 5 inches long, bright scarlet with white tip. Brittle and tender; excellent for forcing and outdoors. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

WHITE BOX. Handsome spherical roots attaining a diameter of 2 inches. Skin and flesh pure white; remains crisp longer than any other early variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Long Scarlet Short Top. Bright scarlet roots, 5 to 6 inches long. Good forcing variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Golden Olive-Shaped. Russet-yellow skin and mild white flesh of fine quality. Size and shape like French Breakfast. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Summer Radishes

These grow well in hot weather and may be sown in May and June for Summer use. They grow more slowly but attain a larger size than the early Radishes.

Long White Vienna or Lady Finger. Similar to White Icicle, except that both roots and tops are larger. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

CHARLIER'S IMPROVED. Crisp, tender and mild, even in the hottest weather. Long, smooth roots; rose shading to white at tip. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

WHITE STRASSBURG. Roots 5 inches long and $1\frac{1}{2}$ inches thick. Skin and flesh pure white. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Giant Stuttgart. The largest and latest of this class. Globular in shape; pure white. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.



Scarlet Globe Radishes.

WHITE ICICLE. Handsome, long, white roots of splendid quality, withstanding hot weather well and remaining in good condition a long time. A fine home garden Radish; useful also for forcing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Crimson Giant. Globe-shaped; a little later than Early Scarlet Globe; grows nearly twice as large and remains in good condition much longer. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.



White Icicle Radishes.

WINTER RADISHES
See following page.



Juliana Spinach.

Winter Radishes

The Winter Radishes mature best in the cool Fall months, attain a very large size and may be stored in boxes of sand in a cool cellar for use during Winter. Sow in July or August.

LONG BLACK SPANISH. Grows 6 inches long and 2 inches broad. Grayish black skin and crisp, pungent, white flesh. The best keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Round Black Spanish. Round in shape but otherwise similar to the preceding. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

White Chinese or Celestial. Cylindrical, often 12 inches long and 5 inches in diameter. Skin and flesh white. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

SALSIFY (Oyster Plant)

A wholesome and delicious vegetable that will grow in any good garden soil. The name Vegetable Oyster is given it, owing to the flavor of the roots. Sow early in drills 15 inches apart and 1 inch deep, thinning out to 2 inches apart in the row. Take the roots up late in the Fall and store in a cool, moist place.

One ounce of seed will sow 50 feet of drill.

Mammoth Sandwich Island. Large roots of superior quality and flavor. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

SWISS CHARD

(Spinach Beet)

A most satisfactory vegetable for the small garden. A short row is sufficient to supply greens all Summer, and, if not cut too close, additional leaves will come up from the roots. Use same culture as for beets and for best results thin out to at least 4 inches between plants.

One ounce of seed will sow 50 feet of drill.

GIANT LUCULLUS. Large, dark green, thickly crumpled leaves with white midrib which may be used the same as asparagus. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

If you are not familiar with varieties, you can safely order those printed in **CAPITALS.**

HEALTHFUL SPINACH

Spinach is primarily a cool weather crop, although some varieties, notably the New Zealand, will do well in hot weather. Make the first sowing as early in the Spring as the ground can be prepared, in shallow drills 15 to 18 inches apart. For Fall use, sow in August and September. Late sowings, protected with straw, will provide Spinach in Winter and early Spring.

One ounce of seed will sow 100 feet of drill.

Bloomsdale Savoy. A quick-growing, productive sort with attractively crumpled leaves; hardy, requiring cool weather. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

King of Denmark. Stands longer before going to seed than any other true Spinach. Vigorous and productive, with heavy, dark green, slightly crumpled leaves of good quality. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 85c.

JULIANA. Rich dark green, deeply crumpled leaves. Stands two weeks longer than Long Season before shooting to seed. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 85c.

Large Round Thick-Leaf. A flat, spreading variety with large, thick, crumpled leaves. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

Long Season. Fine for second early. Thick, crumpled, dark green leaves. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

Long Standing or Prickly Winter. The best variety to sow in the Fall for early Spring use. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 85c.

Triumph. A vigorous, productive strain with heavy, crinkled leaves; long standing. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

VICTORIA. Long Season type of extra-fine quality, compact in growth and long standing. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

New Zealand. A distinct type, making large bushy plants of which the young leaves and tips are used and may be cut every few days. It thrives in hot weather and furnishes quantities of fine greens all Summer. Sow seed in early Spring, in rows 2 to 3 feet apart. Soak the seed for several hours before planting to hasten germination. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

SQUASH

Plant the bush kinds in well drained ground, enriched with rotted manure, in hills 5 feet apart each way; the Winter kind 10 to 12 feet apart each way.

One ounce of seed for 25 hills;
3 to 4 lbs. per acre.

Summer Varieties

ACORN. Small, dark green, acorn-shaped fruits, usually 6 inches long and 4 inches wide. Fine flavor; ripens early and at the same time is a good Winter keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Cocozelle Bush (Italian Vegetable Marrow). Oblong in shape; dark green skin, marbled yellow or pale green; best flavored at half-grown stage. Delicious sliced and fried like egg plant. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

LONG ISLAND WHITE BUSH. Earlier and less scalloped than Mammoth White Bush. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Mammoth White Bush. Fruits 10 to 12 inches across, of uniform shape, flattened, scalloped; pure white in color. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

White Vegetable Marrow. Similar to Cocozelle but larger and later. Skin light green; flesh white. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Yellow Summer Crookneck. Golden yellow, thickly warted and of fine flavor. One of the best Squashes for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Winter Varieties

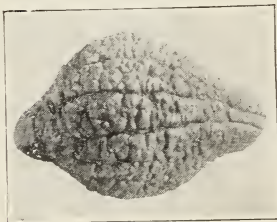
Boston Marrow. Similar in size and shape to Improved Hubbard, with lemon-yellow skin and yellow flesh; rich and sweet. Extra fine keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

HUBBARD, BLUE. A new variety of Hubbard Squash. Skin is blue; flesh is orange-yellow and even finer in flavor and texture than the other Hubbards. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Hubbard, Golden. Same as Hubbard Improved, but skin is deep orange-yellow. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Hubbard, Improved. The old favorite. Fruits large; skin dark green; flesh yellow and tender. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Hubbard, Warted. A little larger than Improved Hubbard. Hard, warty, dark green skin; flesh yellow and fine grained. An excellent keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.



Blue Hubbard Squash.



Beauty Tomatoes.

TOMATOES

Sow the seed in late February or early March, in the hotbed or a box indoors placed in a sunny window. When the plants are 2 to 3 inches high, transplant them to other boxes or paper pots, and transplant again, if possible, when about 6 inches high, to make them stocky and stimulate root growth. Set the plants in the garden, 3 to 4 feet apart in late May. A rich, moist, loamy soil is best for Tomatoes. An occasional application of nitrate of soda will push the young plants along rapidly. Sow three or four different varieties in order to have a succession of fruit all Summer. Supporting the plants with stakes or trellis will increase the yield.

One ounce of seed will produce about
2000 plants.

MARGLOBE. A blight and wilt resistant strain of Globe Tomato developed by the U. S. Department of Agriculture. A heavy yielder of smooth, meaty, globular fruits. Our trials of this really new variety have shown it to be a great improvement over the old type. Pkt., 25c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

BEAUTY. A favorite large, pink or purple-fruited, main crop variety. Productive. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.

Bonny Best. A profitable variety coming in shortly after John Baer and producing large crops of large, solid, deep scarlet fruits of superb quality. The best extra early for the home garden and largely grown for market. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.

Buckeye State. An extra large, purple-fruited Tomato that gives remarkable crops of handsome fruit on rich, mellow soil. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25.

Chalk's Early Jewel. Fine second early or midseason sort. Fruit scarlet, round, somewhat flattened and of finest quality. Bears over a long season. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.

Dwarf Champion. Dwarf, bushy growth. Medium early and productive. Good sized, smooth, pink fruits of fine quality. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.

Dwarf Giant or Dwarf Ponderosa. A dwarf strain with the giant size and superb flavor of Ponderosa. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25.

Dwarf Stone. Fruits large and bright scarlet, like Stone but dwarf in growth. Quality excellent. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75.



Earliana Tomatoes.

TOMATOES—Continued.

- Duke of York.** Extra large, smooth, heavy, purple fruits; productive. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.
- Earliana Special.** The standard extra early. Good sized, bright red fruits; bears through a short season but is very productive. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- Early Detroit.** Fruits are nearly globe-shaped, large and deep purple-crimson in color. A little earlier than Beauty. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- John Daer.** Follows right after Earliana; more solid, globe-shaped and of better quality. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- June Pink.** Similar in every way to Earliana except that the fruits are pink in color. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- Livingston's Globe.** Medium early, productive under all conditions, and one of the finest in quality. Fruits distinctly globe-shaped, purplish pink, solid, sweet and mild in flavor. An excellent shipper and highly recommended for the second early in the home garden. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- Matchless.** A splendid strain of the Stone type, a trifle later but even more productive, with extra large, solid fruits. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- Ponderosa.** The largest of all Tomatoes. Enormous, slightly irregular, purplish pink fruits, solid, with very few seeds and of superb flavor. A favorite for main crop in the home garden. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.00.
- The Stone.** More largely grown than any other main crop Tomato. Extremely productive; large, smooth, meaty, bright scarlet fruits of fine quality. The favorite for canning. Our strain is highly recommended. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- Trucker's Favorite.** A purple-fruited counterpart to The Stone. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.
- Wayahead.** A new extra early which out-yields Earliana, commences to bear as early, and continues longer. Distinguished by coarse potato-leaf foliage. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.00.
- Yellow Ponderosa.** A tall variety, with large fruits in shape and quality like Ponderosa but clear light yellow in color. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.00.

- Yellow Plum.** Fruits about the size and shape of a plum; light yellow. Pkt., 10c.
- Red Cherry.** Round, bright red, cherry-like fruits. Pkt., 10c.
- Red Pear.** Small, red, pear-shaped. Pkt., 10c.
- Yellow Peach.** Medium sized yellow fruits. Pkt., 10c.
- Yellow Husk or Ground Cherry.** Small, yellow fruits enclosed in a light husk. Pkt., 10c.

Forcing Tomatoes

For greenhouse forcing we offer below the three finest English varieties.

- Comet.** **Lister's Prolific.** **Sterling Castle.**
Each, pkt., 15c; ½ oz., 40c; oz., 75c.

NORTHERN GROWN
SEED POTATOES

It pays to plant good Seed Potatoes. We offer certified northern-grown stocks, selected especially for seed purposes. Packed in standard sacks of 165 lbs. net or 2¾ bus. We are glad to supply any quantity from a single peck to car lots.

The market is variable. Please write for prices, stating quantity required, and we will quote best prices by return mail.

Plant 10 to 12 bushels to the acre.

- Early Rose.** Extra early and especially productive on heavy soils. Tubers large, oblong in shape, with rounded ends; skin pinkish with shallow eyes. Of good quality.
- Early White Albino.** Early and a good cropper. Oblong tubers with creamy white skin and flesh of fine quality.
- Irish Cobbler.** Tubers heavily round, of good size, with creamy brown skin and white flesh. Unexcelled for baking.
- Carman No. 3.** A heavy producing, main crop Potato, largely grown for market. Large, round tubers with light brown skin and few shallow eyes. Does well on all soils.
- Sir Walter Raleigh.** Similar to Carman No. 3. Not as productive but better quality.
- Green Mountain.** The leading late variety. Tubers extra large, broad and oblong, with light russet skin. Immensely productive and of exceptionally high quality.
- Dibble's Russet.** Late or main crop; disease resistant and heavy yielder. Flesh pure white; skin rough russet appearance.



Irish Cobbler Potatoes.



Purple-Top White Globe Turnip.

TURNIP

Turnips thrive best in cool weather. The early flat sorts may be sown from very early Spring up to the middle of May. The main crop for Fall and Winter use should be sown in July or August. Sow the seed in drills 1 to 1½ feet apart and thin out to stand 4 inches apart.

One ounce of seed to 150 feet of drill;
1½ to 2 lbs. per acre.

Extra Early White Milan. Pure white, flat roots of excellent quality and flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.40.

Purple-Top White Globe. Handsome, globular roots, white with the upper portion bright purple. Splendid keeper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

Golden Ball or Orange Jelly. Roots almost round, smooth, and of a deep yellow color. Flesh is very sweet and tender. May be used as either an early or late sort. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

PURPLE-TOP STRAP-LEAF. Good for early Spring or Fall use. Flat white roots with purple top. Good table quality. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

Large White Globe. Large roots; skin and flesh white. Fine for stock. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

Cow Horn. Long, white roots. A heavy producer on deep soils. Is sometimes used as a cover crop. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

Seven Top. Grown exclusively for the tops which are used in the same manner as spinach. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

RUTABAGA or SWEDE

Grow like ordinary Turnips. Sow in June.

American Purple-Top. Elongated globe shape; skin yellow underground and purple above; flesh yellow, fine grained. A large cropper and splendid keeper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

Sweet German. A heavy producer of large, globe-shaped, white-skinned and white-fleshed roots. Flesh fine grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

It is much easier to do any work with proper tools. You will find a complete list of the best garden tools on pages 72 to 79, inclusive.

GARDEN HERBS

The following list of Herbs should be included in all gardens. They are universally used for seasoning and flavoring.

Anise. Annual. For garnishing, flavoring and medicinally for colic. Pkt., 10c; oz., 25c.

Basil. Annual. Leaves have aromatic flavor resembling cloves. Pkt., 10c; oz., 30c.

Borage. Annual. Bears pretty blue flowers throughout the Summer. Leaves are used for flavoring. Pkt., 10c; oz., 25c.

Caraway. Biennial. Seeds are used as flavoring for bread, cheese and pastry. Pkt., 10c; oz., 20c.

Chervil, Curled. For soups and salads. Pkt., 10c; oz., 25c.

Chives. Perennial. Used as flavoring especially in cottage cheese. Pkt., 15c; oz., 85c.

Dill. Annual. Used as a condiment and for making Dill pickles. Pkt., 10c; oz., 20c.

Fennel, Florence (Finocchio). Perennial. The thickened leaf stalks are boiled like celery. Flavor is very sweet and delicate. Pkt., 10c; oz., 20c.

Horhound. Perennial. Used chiefly as a medicine. Pkt., 10c; oz., 35c.

Lavender. Perennial. The true sweet-scented Lavender. Pkt., 10c; oz., 50c.

Marjoram, Sweet. Annual. Leaves either green or dried are used for flavoring. Pkt., 10c; oz., 35c.

Martynia Proboiscidia. Annual. Young seed pods used for pickling. Pkt., 10c; oz., 60c.

Rosemary. Perennial. Leaves are used for flavoring; flowers for perfume. Pkt., 10c; oz., 50c.

Saffron. Annual. Leaves are used for flavoring. Pkt., 10c; oz., 35c.

Sage. Perennial. Leaves, both green and dry, are used for flavoring. Pkt., 10c; oz., 30c.

Savory, Summer. Annual. Both leaves and flowers used for flavoring. Pkt., 10c; oz., 20c.

Sorrel. Perennial. Leaves used as a salad or for greens. Pkt., 10c; oz., 25c.

Thyme. Perennial. Leaves are used for seasoning. Pkt., 10c; oz., 55c.



Dill.

Flowers Grow Your Own

WHETHER your taste runs to great masses of brilliant color or artistic plantings of the rarer and more delicate shades, whether you want blooms to beautify your borders or to cut for vases and table decoration, you will find flower growing intensely interesting and delightful, as well as an easy and inexpensive recreation. With hundreds of easily grown varieties from which to choose (and many of the lesser known sorts are fully as beautiful and just as easy to grow as the old favorites), there is endless opportunity for creating new effects and discovering new beauties.

ANNUALS, BIENNIALS, and PERENNIALS are indicated by the letters A, B, and P, respectively, after each sort. Annuals grow, bear flowers and die in one season. Most of our common garden flowers, such as Nasturtiums, are in this class. Biennials require two years to bloom. Hollyhocks are biennials. The life of perennial flowers is not limited to one or two years but is indefinite. Some perennials produce flowers the first season, but most of them do not commence to bloom until the second season after sowing. Coreopsis is a well-known perennial.

HARDY, HALF-HARDY, and TENDER sorts are indicated by the letters H, HH, and T. Hardy varieties can stand a considerable amount of cold weather and may be sown outdoors early in the Spring, usually about mid-April. The hardy biennials and perennials require very little Winter protection. Half-hardy varieties should not be sown outdoors until soil and weather are warm, about May 15th. They will bloom earlier if the seed is started indoors in March or April and the plants set out in the garden late in May. Half-hardy biennials and perennials should be wintered in a coldframe. The tender sorts are subjects for conservatory culture, although some of them, notably the Begonias and Geraniums, may be set outdoors in warm weather.

TIME TO SOW. Biennials and Perennials, which do not bloom the first season, are generally sown in a seed-bed in June, July or August, and transplanted in late Summer to the places where they are to bloom the following season. Perennials which bloom the first season should be sown in a box indoors in February or March, and transplanted to the garden late in May.

SOIL AND PREPARATION. Flowers can be successfully grown in practically all soils. Some good fertilizer, such as well-rotted stable manure, pulverized sheep manure, or bone meal should be dug in and thoroughly mixed with the soil when it is prepared for planting. The surface should be made as fine and level as possible.

PLANTING. The first thing to remember in planting flower seeds is not to plant them too deeply. The very fine seeds such as Petunia, Snapdragon, etc., should be scattered on the surface and pressed into the soil with a flat board. Sow larger seeds in shallow drills.

TRANSPLANTING AND THINNING OUT. With but a few exceptions, notably Poppies, young flower plants may readily be transplanted, so that they may be started in a hotbed or cold-frame, or even in boxes in a sunny window, for later transplanting to the place where plants are to bloom.

As soon as the seedlings are large enough to handle they should be transplanted or thinned out to prevent overcrowding. Set plants slightly deeper than they were before lifting and be sure to firm the soil around the roots. A good rule for spacing plants in the garden is to set them apart half their full grown height; however, a distance of 1½ feet is ample space between very tall-growing plants.

All Flower Seeds Are Sent Postpaid





Achillea, The Pearl.

- 500 ABRONIA umbellata** (Sand Verbena). PH. Pretty trailing plants bearing fragrant, rosy lilac, verbena-like flower heads. Use for rock gardens or hanging baskets. Pkt., 10c.
- 510 ABUTILON, Choice Hybrids** (Flowering Maple). PT. Everblooming greenhouse shrubs with delicately veined, bell-shaped flowers. May be set outdoors after June 1st. Pkt., 25c.
- 520 ACANTHUS latifolius** (Bear's Breech). PT. Bears long spikes of small rose and white flowers in August. Heart-shaped, ornamental leaves. Height 3 ft. Pkt., 15c.
- 530 ACHILLEA ptarmica fl. pl., The Pearl.** (Sneezewort). PH. The finest white hardy perennial for cutting. Bears long-stemmed sprays of beautiful double white flowers from Spring until Fall. Height 3 feet. Pkt., 25c.
- 540 ACONITUM napellus** (Monkshood). PH. Grows best in moist, shady places. Bears spikes of deep blue helmet-shaped flowers in June and July. Height 3 feet. Pkt., 15c.
- 550 ADLUMIA cirrhosa** (Allegheny Vine). BH. Climber with maidenhair-fernlike foliage; white or flesh colored flowers. Pkt., 15c.
- ADONIS** (Flower-of-the-Gods). Blooms in early Spring. The whole plant resembles a very dwarf cosmos.
- 561 aestivalis.** AH. Scarlet flowers in June and July. Pkt., 10c; ¼ oz., 25c.
- 562 vernalis.** PH. Yellow flowers in April and May. Pkt., 10c.

Ageratum - Flossflower AHH

Continuous blooming bedding and cutting annuals. Flowers are tuft-shaped and borne in heads. Dwarf sorts for bedding and window boxes and the tall sorts for cutting. For early blooms seed should be started indoors in March.

- 571 Tall Blue.** Sky-blue. Pkt., 10c; ¼ oz., 25c.
- 572 Tall White.** White. Pkt., 10c; ¼ oz., 25c.
- 573 Dwarf Blue.** Height 8 inches. Pkt., 10c; ¼ oz., 25c.
- 574 Dwarf White.** Height 8 inches. Pkt., 10c.
- 575 Blue Perfection.** Improved tall variety with deep sky-blue flowers. Height 1½ feet. Pkt., 10c; ¼ oz., 40c.
- 576 Little Blue Star.** Very dwarf and bushy; best variety for edging. Bright blue. Height 5 inches. Pkt., 25c; 5 pkts., \$1.00.

- 577 AGERATUM, Princess Victoria Louise.** Light blue flowers with white centers. Height 8 inches. Pkt., 10c; ¼ oz., 40c.
- 590 AGROSTEMMA coronaria** (Mullein Pink). PH. Botanically *Lychnis coronaria*. Plants 1½ feet high, with silvery foliage; deep red flowers borne in heads. Pkt., 10c; ¼ oz., 25c.
- 600 ALONSOA Warscewiczii** (Maskflower). AHH. Bushy plants 1½ feet high with spikes of bright scarlet flowers. Somewhat similar to scarlet sage except that the flowers are orchid-shaped. Pkt., 15c.
- AMARANTHUS.** AHH. Showy plants with brilliantly colored foliage. Used in tall beds.
- 631 caudatus** (Love-Lies-Bleeding). Bronzy green foliage with long, drooping, blood-red flower heads. Height 2 feet. Pkt., 10c; ¼ oz., 25c.
- 632 cruentus** (Prince's Feather). Feathery flower heads of deep scarlet. Pkt., 10c; ¼ oz., 35c.
- 633 tricolor splendens** (Joseph's Coat). Gorgeous scarlet, yellow and green foliage. Height 2 feet. Pkt., 10c; ¼ oz., 30c.

Alyssum AH

Very dwarf-growing bedding or edging plants, covered with tiny white blossoms from early Summer until frost. Sweet scented and grows anywhere.

- 611 Sweet.** White. Pkt., 10c; oz., 40c.
- 612 Little Gem.** Very dwarf and compact; pure white. Pkt., 10c; ¼ oz., 25c; oz., 75c.
- 613 Carpet of Snow or Dwarf Bouquet.** Plants flat and spreading. Pkt., 10c; ¼ oz., 25c; oz., 85c.
- 614 Lilac Queen.** Similar to Little Gem but with lavender flowers. Pkt., 10c; ¼ oz., 30c.
- 616 saxatile compactum** (Gold Dust). PH. Similar to the annual Alyssum but bears bright yellow flowers early in the Spring. Use in borders and rockeries. Pkt., 10c; ¼ oz., 40c.



Alyssum, Little Gem.

Antirrhinum - Snapdragon PHH

General favorites, bearing long spikes of variously colored flowers all Summer. The dwarf kinds are splendid for low beds, borders, or window boxes. The tall kinds may be grouped very effectively in a general border and are unexcelled as cut flowers. Seed started indoors in February or March will bloom in early July, or if started later outdoors will bloom in August. If protected during the Winter, will bloom again the following year. Easily forced in the greenhouse during the Winter if sown in late Summer.

NEW COLOSSAL FLOWERING. A splendid new sort producing the largest flowers of all Snapdragons on long, strong stems. Plants are 3 feet tall and very sturdy. See illustration.

681 **Apple Blossom.** Rose-pink, with yellow lip.

682 **Canary Bird.** Canary-yellow, deeper center.

683 **Cattleya.** Beautiful rosy lilac.

684 **Copper King.** Velvety copper-scarlet.

685 **Defiance.** Bright glowing scarlet.

686 **Lilac Bunch.** Lilac-purple.

687 **Old Gold.** Deep golden yellow.

688 **Purple King.** Deep glowing purple.

691 **Ruby.** Velvety ruby-red.

692 **Snowflake.** Pure white.

693 **The Rose.** Deep rose-pink.

694 **Wallflower.** Wallflower-red.

700 **Superb Mixed.** All colors.

Any of the above, pkt., 25c; ½ oz., \$1.00.

699 **Collection.** One pkt. of each of the 12 sorts, \$2.50.

SELECTED LARGE-FLOWERING TALL.

Very fine strains of the standard varieties for cutting or tall beds. Height 2 to 2½ feet.

711 **Garnet.** 713 **Rose.** 715 **White.**

712 **Pink.** 714 **Scarlet.** 716 **Yellow.**

720 **Best Mixture.** All colors.

Any of the above, pkt., 10c; ¼ oz., 40c.

719 **Collection.** One pkt. of each of the above 6 colors, 50c.

HALF-DWARF LARGE-FLOWERING. The half-dwarf Antirrhinums are among the finest bedding and border plants. Although the plants are bushy and only 15 inches tall, the individual blooms are quite large and borne on fairly long stems. Fine for forcing.

721 **Daphne.** Pink with white throat.

722 **Defiance.** Glowing orange-scarlet.

723 **Firebrand.** Rich deep fiery red.

724 **Golden Queen.** Pure golden yellow.

725 **Mont Blanc.** Pure snow-white.

726 **Rose Queen.** Deep satiny rose.

730 **All Colors Mixed.**

Any of the above, pkt., 10c; ¼ oz., 50c.

729 **Collection.** One pkt. of each of the above 6 colors, 50c.

VARIETIES FOR FORCING. In addition to the above, we offer the three outstanding forcing varieties. Height 1½ to 2 ft.

732 **Silver Pink.** A delightful shade of light silvery pink. Strong plants with long, well-filled flower spikes. Pkt., 50c.

731 **Keystone.** Deep rose-pink. Forces extremely well and blooms over a long season. Pkt., 50c.

735 **Geneva Pink.** A fine new variety and the best for forcing. Rich, clear pink and remarkably true from seed. Pkt., \$2.00.

64 **AMEPELOPSIS Veitchi** (Boston Ivy). PH. Hardy climber for covering walls, pergolas, etc. Leaves turn to brilliant autumnal colors in the Fall. Pkt., 10c; oz., 50c.



Antirrhinum, New Colossal Flowering.

651 **ANCHUSA capensis** (Cape Forget-me-not). BH. Plants bushy, 2 feet tall, and bear a profusion of light blue forget-me-not-like flowers. Pkt., 10c; ¼ oz., 25c.

652 **ANCHUSA italica, Dropmore** (Alkanet). PH. One of the finest deep blue hardy perennials. Blooms are like those of *A. capensis* but deeper blue. Height 4 to 5 feet. Pkt., 10c; ¼ oz., 50c.

670 **ANTHEMIS tinctoria Kelwayi** (Golden Marguerite). PH. Bears large, yellow, daisy-like flowers on long stems, from midsummer until frost. 2 feet. Pkt., 10c; ¼ oz., 50c.

ANEMONE (Windflower). PHH. Bushy plants 6 to 10 inches high, producing early in the Spring, poppy-like flowers in shades of blue, red and white. Plants will bloom indoors in the Winter if taken up and potted in the Fall.

661 **coronaria, Single Mixed.** Pkt., 10c.

662 **coronaria, St. Brigid.** All colors; double and semi-double. Pkt., 15c.

663 **sylvestris.** Taller than *A. coronaria*; flowers pure white and sweet scented; prefers partial shade. Pkt., 25c.

All Flower Seeds are Sent Postpaid.

Aquilegia - Columbine PH

Plants have dwarf foliage similar to a maidenhair fern. Flowers are gracefully borne on long stems well above the foliage, in Spring and early Summer. Use in partially shaded places and rock gardens. Easily grown from seed. Height 1½ feet.

742 canadensis. Red and yellow. Pkt., 10c.

743 chrysantha. Golden yellow. Pkt., 10c.

741 caerulea. Blue and white. Pkt., 10c.

744 Mrs. Elliott's Strain, Long-Spurred

Hybrids. A superb hybrid strain with exceptionally long-spurred flowers in a great variety of beautiful shades. Pkt., 25c; ¼ oz., 75c.

746 Single Mixed. All colors. Pkt., 10c; ¼ oz., 25c.

747 Double Mixed. All colors. Pkt., 10c; ¼ oz., 30c.



Columbine in a Natural Setting.

750 ARABIS alpina (Rock Cross). PH. Dwarf edging plants with clusters of snow-white flowers in early Spring. Pkt., 10c; ¼ oz., 25c.

760 ARCTOTIS grandis (African Lilac Daisy). AHH. Bushy plants 2 feet high, with daisy-like flowers. Petals are white on top, lilac underneath. Pkt., 10c; ¼ oz., 25c.

770 ARGEMONE grandiflora hybrida (Prickly Poppy). PHH. Tall, showy, prickly foliage and large white, cream and yellow poppy-like flowers. Pkt., 10c.

ASPARAGUS plumosus nanus. See page 33.

ASPARAGUS Sprengeri. See page 33.

Aster AHH



Aster, American Beauty.

During late Summer and Fall, Asters rule the annual garden and make the finest of all flowers for cutting. By sowing several different classes that will come into bloom at different periods, a garden of continued loveliness may be maintained from mid-July until frost. Like many other flowers, they are most effective when grown in solid beds, all of one color. For the largest plants and finest flowers, start the seed indoors or in a hotbed in March. When the plants are 2 to 3 inches high, transplant them into small pots or paper dirt-bands, and set them out in the garden in May when soil and weather are warm, 10 to 18 inches apart. The seed may also be sown outdoors in May in a finely prepared seed-bed. Cultivate frequently.

LATE AMERICAN BEAUTY ASTER. The latest and the finest of all Asters. Plants 2 to 3 feet high, branching type. Commence to bloom in early September. Flowers are extremely large and are borne on 1½ to 2-foot stems. They ship well and last a long time in water.

871 Carmine Rose. The original American Beauty Aster.

872 Crimson. Rich deep crimson.

873 Lavender. Light grayish lavender.

874 Purple. Deep royal purple.

875 September Beauty. Flesh-pink.

876 White Beauty. Mammoth in size.

880 Finest Mixed. All colors blended. Each, pkt., 15c; ¼ oz., 50c; oz., \$3.50.

879 Collection. One pkt. of each of the above 6 colors, 75c.

936 EVERLASTING ASTER. A distinct novelty bearing large flesh-pink Aster blooms which may be cut and dried and used for Winter bouquets like strawflowers. Pkt., 20c.

BLACK ASTER BEETLES

The Black Aster Beetle frequently attacks Asters in late Summer. Arsenate of Lead as a spray is the best remedy.



California Giant Aster.

CALIFORNIA GIANT ASTER. A superb new race of Asters that surpasses, by far, any previously introduced. Plants strictly branching type, bearing their blooms on long, strong stems. The flowers themselves leave nothing to be desired. They are the same type as the Crego or Ostrich Feather Aster, with long, twisted, and curled petals, full double, and when well grown 5 to 6 inches in diameter. Flowers are very substantial and may be shipped long distances with very little damage and last for a long time as cut flowers.

- 821 Deep Purple. Royal purple.
 822 Deep Rose. Rich clear rose.
 823 Light Blue. Clear light lavender-blue.
 824 Peach Blossom. Beautiful peach-blossom pink.
 825 White. Pure snow white.
 830 Supreme Mixed. A fine mixture with the same robust growth and enormous flowers of the type, containing all the above and many other colors.
 Each, pkt., 25c; ¼ oz., \$1.00.
 829 Collection: One pkt. of each of the above 5 colors, \$1.00.



King or Needle Aster.

QUEEN OF THE MARKET ASTER. These start the Aster season in July. The plants are bushy, branching freely and bearing quantities of full, double, straight-petaled, well-formed flowers.

- 901 Crimson. 904 Lavender.
 902 Dark Blue. 905 Rose-Pink.
 903 Flesh Pink. 906 Pure White.

910 All Colors Mixed.

Each, pkt., 10c; ¼ oz., 50c; oz., \$1.50.

909 Collection: One pkt. of each of the above 6 colors, 50c.

DAYBREAK ASTER. Bloom earlier than Ostrich Feather. The flowers are smaller but very beautifully formed. They make splendid beds.

- 844 Light Blue. 843 Salmon.
 842 Lavender. 845 Pure White.
 841 Deep Rose. 850 Mixed.

Each, pkt., 10c; ¼ oz., 75c; oz., \$2.50.

849 Collection: One pkt. of each of the above 5 colors, 40c.



Queen of the Market Aster.

Treat your Aster seed with Semesan, the modern seed disinfectant, as a preventative for Aster root maggot and Aster wilt. See page 67.

THE KING or NEEDLE TYPE ASTER.

Quite distinct in form, with narrow, quilled petals, like a fine cactus dahlia. Flowers large, on long, stiff stems. Last for a long time in water.

- 861 Crimson King. 864 Violet King.
 862 Lavender King. 866 White King.
 863 Pink King. 870 Mixed King.

Each, pkt., 10c; ¼ oz., 50c; oz., \$1.50.

869 Collection: One pkt. of each of the above 5 colors, 40c.

AMERICAN LATE BRANCHING ASTER.

Most popular with many gardeners for they come during September when flowers are welcome and bloom profusely for a long period. The flowers are large and full-centered, borne on long strong stems, making them ideal for cutting.

- 801 Crimson. 804 Shell Pink.
 802 Dark Blue. 805 Rose-Pink.
 803 Light Blue. 806 Pure White.

810 All Colors Mixed.

Each, pkt. 10c; ¼ oz., 50c; oz., \$1.50.

809 Collection: One pkt. of each of the above 6 colors, 50c.



Giant Branching Comet Asters.

GIANT BRANCHING COMET ASTER. A late Ostrich Feather type, blooming shortly after the King or Needle type.

- | | |
|-----------------|-----------------|
| 851 Crimson. | 854 Light Pink. |
| 852 Dark Blue. | 855 Deep Rose. |
| 853 Light Blue. | 856 Pure White. |

860 All Colors Mixed.

Each, pkt., 10c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

859 Collection: One pkt. of each of the 6 colors, 50c.

NEW GIANT SINGLE ASTER (Single annensis). A distinct and pleasing departure from the double type. Single, giant, daisy-like flowers are borne profusely on long graceful stems. All have yellow centers. They not only add additional charm to the flower garden but lend themselves to many very pretty effects when arranged as cut flowers.

- 911 Lavender. Delicate lavender.
 912 Marshal Joffre. Bright red.
 913 White. Pure snow-white.
 920 Supreme Mixed. A blending of many colors.

Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.



New Giant Single Asters.

ASTERMUMS. A giant class coming in early August and notable for its very long stems and flowers formed like chrysanthemums.

- | | |
|---------------|-----------------------|
| 811 Lavender. | 813 Pure White. |
| 812 Pink. | 820 All Colors Mixed. |

Each, pkt., 10c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

819 Collection: One pkt. of each of the above 3 colors, 25c.

OSTRICH FEATHER ASTER. Midseason bloomers with large, shaggy flowers; petals twisted and curled. General favorites for cutting.

- | | |
|-----------------|-----------------------|
| 881 Crimson. | 884 Rose-Pink. |
| 882 Dark Blue. | 885 Shell-Pink. |
| 883 Light Blue. | 886 Pure White. |
| | 890 All Colors Mixed. |

Each, pkt., 10c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

889 Collection: One pkt. of each of the above 6 colors, 50c.



Ostrich Feather Aster.

SPECIAL VARIETIES OF ASTERS. Extra-select strains and colors which do not belong in any of the preceding classes.

931 **Crimson Giant.** Bright crimson; large flowers; blooms late; extra fine for cutting. Pkt., 15c; $\frac{1}{4}$ oz., 65c.

932 **Heart of France.** Rosy red, free-blooming; very showy in solid beds. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

933 **Lavender Gem.** A very attractive shade of silvery lavender; Ostrich Feather form. Pkt., 15c; $\frac{1}{4}$ oz., 65c.

934 **Peerless Pink.** Lovely light rose-pink. Large, late, and one of the best cut flowers. Pkt., 15c; $\frac{1}{4}$ oz., 65c.

935 **Sensation.** The brightest red, almost scarlet. Exceedingly effective. Pkt., 15c; $\frac{1}{4}$ oz., 65c.

937 **NEW FANCY YELLOW ASTER.** At

last we have succeeded in obtaining a yellow Aster that is really worth while. Flowers are fairly large, borne on long stems and clear yellow in color. Complete your Aster collection with this fine novelty. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

938 **HARDY ASTER, MIXED** (Michaelmas Daisy). P.H. Tall, bushy plants covered with small, single, blue, mauve, pink, and white flowers in late fall. Pkt., 15c.



Balsam, Double Camellia-Flowered.

BALSAM, Double Camellia Flowered. AHH. Old-time favorites with beautiful double camellia-like blossoms borne amongst the foliage. Blooms all summer. Height, 1½ ft.

961 Lilac. 964 Scarlet.
962 Flesh-Pink. 965 Solferino.
963 Salmon-Fink. 966 White.

970 All Colors Mixed.

Each, pkt., 10c; ¼ oz., 35c.

969 Collection: One pkt. of each of the above 6 colors, 50c.

BEGONIA. PT. Everblooming bedding varieties. Pretty dwarf bedding and pot plants with waxy flowers and glaucous foliage. Start seed early in greenhouse.

981 Erfordia. Carmine, with dark foliage. Pkt., 25c.

982 Erfordia grandiflora superba. Bright carmine; very free-flowering. Pkt., 25c.

983 gracilis luminosa. Fiery dark scarlet. Pkt., 25c.

984 gracilis, Prima Donna. Beautiful deep pink. Pkt., 35c.

985 Salmon Queen. Rich clear salmon. Pkt., 35c.

986 Vernon. Scarlet; bronze foliage. Pkt., 15c.

1020 **BOLTONIA latisquama.** PH. Very similar to the hardy aster or Michaelmas daisy. Grows 4 to 6 feet tall with small, lilac-colored, single, aster-shaped flowers. Effective in shrubby borders. Pkt., 10c.

ASPARGUS. PT. Attractive greenhouse semi-trailing vines.

781 **plumosus nanus.** Misty green sprays, very useful in the arrangement of cut flowers. Pkt., 25c; 100 seeds, \$1.00.

782 **Sprengeri.** Coarser and of more bushy growth than the above. Pkt., 15c; 100 seeds, 50c.

950 **BALLOON VINE** (Cardiospermum). AHH. Quick-growing annual climber bearing small white flowers followed by green, balloon-like seed-pods. Pkt., 10c; oz., 25c.

Bellis perennis PHH

English Double Daisy

One of the finest dwarf, early spring-blooming, bedding plants, which will continue to bloom all summer, if given plenty of water and partial shade. Flowers are full double and daisylike. Height, 6 inches.

1001 **monstrosa, Pink.** Double; deep pink. Pkt., 25c; ¼ oz., \$1.00.

1002 **monstrosa, White.** Double; pure white. Pkt., 25c; ¼ oz., \$1.00.

1003 **monstrosa, Red.** Double; blood-red. Pkt., 35c; ¼ oz., \$1.00.

1004 **monstrosa, Mixed.** Pkt., 20c; ¼ oz., 90c.

1005 **Longfellow.** Double, free-blooming pink. Pkt., 15c; ¼ oz., 75c.

1006 **Snowball.** Double, free - blooming white. Pkt., 15c; ¼ oz., 75c.



Blue Lace Flower—Didiscus.

1010 **BLUE LACE FLOWER** (Didiscus caerulea). AHH. Plants 2 feet tall bearing delicate sky-blue flowers greatly resembling Queen Anne's Lace. We have secured best results by planting seed where the plants are to bloom, later thinning out to 15 to 18 inches apart. Pkt., 15c.

- 1022 BRACHYCOME iberidifolia, Mixed.** (Swan River Daisy). AHH. Bushy plants 1 foot tall, bearing a profusion of small daisylike flowers in shades of blue, pink, and white. Blooms all summer and makes a fine cut flower. Pkt., 10c; $\frac{1}{4}$ oz., 40c.
- 1024 BROWALLIA elata, Mixed** (Ame-thyst). AHH. Bushy plants $1\frac{1}{2}$ feet tall, covered with blue or white star-shaped flowers. Blooms all season. Pkt., 10c; $\frac{1}{4}$ oz., 35c.
- 1026 CACALIA, Mixed** (Tassel-flower). AH. Plants $1\frac{1}{2}$ feet tall, bearing yellow and scarlet tassel-like flowers all summer. Pkt., 10c.
- 1028 CALCEOLARIA, Choice Mixed** (Slipper Flower). PT. Very pretty pot plants bearing a profusion of pocket-shaped flowers in shades of yellow and pink, spotted brown. Pkt., 50c.

Calendula - Pot Marigold

AH

One of the easiest and most satisfactory flowers to grow. Equally useful for bedding or cutting. Blooms all summer and requires very little care. Plants 15 inches high, bearing double daisylike flowers on long stems.

- 1031 Golden King.** Golden yellow.
- 1032 Lemon Queen.** Extra-fine lemon-yellow.
- 1033 Meteor.** Orange, striped primrose.
- 1034 Nankeen.** Creamy apricot; brown centers.
- 1035 Orange King.** Bright reddish orange. Each, pkt., 10c; oz., 40c.
- 1036 Ball's Orange.** The best for forcing. Plants bushy and not inclined to straggle. Flowers are full double and a deep glowing orange color. Pkt., 25c.
- 1040 Choice Double Mixed.** A well blended mixture that includes all colors. Pkt., 10c; oz., 25c.



Calendula—Fine for Bedding.



Calliopsis—All Summer Cut Flowers.

Calliopsis - Bright Eyes

AH

Small cosmos-like flowers on bushy plants of the easiest culture. They bloom all summer and will seed themselves and so come up from year to year. Plant seed in shallow drills as early in the spring as ground can be prepared, or on large areas, where a wild effect is wanted, broadcast and rake in.

- 1051 Crimson King.** Dwarf; deep garnet. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
- 1052 Golden Ray.** Dwarf; bright yellow. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
- 1053 Tiger Star.** Dwarf; reddish brown, striped with yellow. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
- 1054 Crown of Gold.** Pure yellow; grows 2 to 3 feet tall and is extra-fine for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
- 1055 Golden Wave** (C. Drummondii). Medium height; golden yellow with brown eye; very showy. Pkt., 10c; $\frac{1}{4}$ oz., 30c.
- 1057 Tall Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- 1058 Dwarf Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Effective Flower Combinations

- Tall Marigolds and Tall Blue Ageratum.
Annual Larkspur and Scabiosa.
Alyssum and Portulaca.
Zinnias and Dwarf Nasturtiums.
Annual Poppies broadcast in the Perennial Border.
Calliopsis and Bachelor Buttons (Centaurea cyanus).
Hunnemannia and Purple Asters.
Dwarf Marigolds as a border for shrubbery.
Castor Oil Beans (Ricinus) and Cannas.
Calendula and Gypsophila.
Amaranthus tricolor interspersed in the Rose Garden.

Campanula

One of the most charming groups of biennial and perennial flowers. We list the five most generally grown species.

The first two are biennials and should be started in the spring or early summer in order to produce large-size plants for blooming the following year. Plant permanently on high, well-drained ground, so that water does not lie on and rot crowns of the plants during the winter. The last three are perennials and perfectly hardy. They may be started any time from early spring until September.

CANTERBURY BELLS (C. Medium). BH. The best-known variety. Tall, stately plants, covered with large bell-shaped flowers.

1071 Single Light Blue. 1073 Single White.
1072 Single Pink. 1074 Single Mixed.

Each, pkt., 10c; $\frac{1}{4}$ oz., 30c.

1075 Double Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

CUP-AND-SAUCER CANTERBURY BELLS (C. Medium calycanthem). BH. The popular name well describes the shape of the flowers; otherwise like the preceding.

1081 Blue. 1083 White.
1082 Pink. 1084 Mixed.

Each, pkt., 10c; $\frac{1}{2}$ oz., 50c.

HAREBELL (C. carpatica). PH. Beautiful little border plants, 9 to 12 inches high, covered with dainty bells. Charming in mixed Perennial Borders and Rock gardens where a natural effect is desired.

1091 Blue. 1092 White.

Each, pkt., 10c; $\frac{1}{2}$ oz., 50c.

PEACH BELLS (C. persicifolia). PH. Very attractive plants 2 to 3 feet high; flowers large and cup-shaped.

1101 Blue. 1102 White.

Each, pkt., 20c; $\frac{1}{8}$ oz., \$1.00.

CHIMNEY BELLFLOWER (C. pyramidalis). PH. Very impressive plants 5 to 6 feet tall, with large flowers. Requires rich soil.

1111 Blue. 1112 White.

Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.



Campanula Medium.

ROCK GARDENS

A rock garden is one of the most interesting phases of gardening. A complete assortment of seeds for this purpose is offered on page 3.



Giant Empress Candytuft.

Candytuft - Iberis

Dwarf growing annuals and perennials. The flowers of the annual varieties are borne in trusses somewhat like hyacinths and the perennials greatly resemble the annual alyssum in both habit of growth and form of flower.

ANNUAL VARIETIES. AH. Bloom from spring to fall. Water freely.

1131 Giant Empress, or Hyacinth-flowered. Giant trusses of pure white flowers. Height, 1 ft. Pkt., 10c., $\frac{1}{4}$ oz., 25c; oz., 75c.

1133 Lavender. 1132 Crimson.

1134 Rose-Cardinal.

Each, pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

1135 Sweet-Scented. A distinct type, very dwarf, with fragrant white flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.

1140 All Colors, Mixed. Pkt., 10c; oz., 40c.

PERENNIAL CANDYTUFTS. PH. Bloom in spring and early summer.

1151 gibraltarica. Lilac-pink. Height, 1 ft. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1152 sempervirens. Snowy white; early. Height, 6 in. Pkt., 10c; $\frac{1}{4}$ oz., 75c.



Carnation—Marguerite.

Carnation - Marguerite

P.H.H.

Garden forms of the well-known florist's flower. Seed started indoors in March produces plants that will bloom early the first summer and continue until frost. Plants protected over Winter will bloom the following year. Brightly colored and very fragrant. The following half-dwarf sorts grow about 1 foot high.

- 1181 Crimson. 1183 White.
1182 Striped. 1184 Yellow.
1190 Half-Dwarf, Choicest Mixed.
Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.
1189 Collection: One pkt. of each of the above 4 colors, 30c.
1191 Giant English Marguerites, Mixed. Fine for cutting. 15 inches. Pkt., 10c; $\frac{1}{4}$ oz., 60c.
1192 Chabaud's Everblooming, Mixed. A new extremely free flowering strain. Flowers are full double and in a fine array of colors. Pkt., 35c.

1170 **CARDINAL CLIMBER** (*Ipomoea quamoclit hybrida*). A.H.H. One of the brightest and most attractive annual vines; slender and branching, with fernlike foliage and brilliant, star-shaped, scarlet flowers all Summer. Soak the seed in warm water for several hours before sowing. Pkt., 15c.

1120 **CANARY BIRD VINE** (*Tropaeolum canariense*). A.H.H. Attractive, slender climber with curiously shaped bright yellow flowers. Pkt., 10c; oz., 50c.

SUMMER FLOWERING BULBS

A complete list of Dahlias, Gladioli, Cannas, etc., will be found on pages 58 to 62 inclusive.

1160 **CANNA, Choice Mixed**. A fine mixture of the best sorts. Start indoors in March. Pkt., 10c; oz., 50c.

CANNA ROOTS. See page 62.

Celosia - Cockscomb A.H.H.

Showy annuals with handsome foliage and gorgeously colored flower-heads. For largest and finest flowers, start seed indoors in March.

CRESTED COCKSCOMBS (*C. cristata*). Curiously shaped flower-heads resembling a rooster's comb. Height, 10 in.

1201 **Empress**. Large; rich crimson. Pkt., 15c.

1203 **Queen of the Dwarfs**. Dark rose. Height, 6 to 8 in. Pkt., 15c.

1204 **Dwarf Mixed**. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

PLUMED COCKSCOMBS (*C. plumosa*). Two feet tall with large, pyramidal, feathered or plumed heads.

1211 **Crimson**. 1213 **Scarlet**.

1212 **Golden Yellow**. 1214 **Mixed**.

Each, pkt., 10c; $\frac{1}{4}$ oz., 40c.

1220 **Pride of Castle Gould**. A truly magnificent type of plumed Celosia. Blooms are long and feathered, like ostrich plumes, much more brilliant in color than the above. Supplied in mixed colors only. Pkt., 25c; 4 pkts., 90c.

CHINESE WOOLFLOWER (*C. Childsi*). A distinct form of Celosia bearing large, globular flower-heads that resemble balls of silky wool which may be dried and used in winter bouquets. Height, 2 ft.

1221 **Crimson**. 1223 **Yellow**. 1222 **Pink**.
Each, pkt., 15c; $\frac{1}{2}$ oz., 40c.



Celosia—Chinese Woolflower.

Centaurea

A group of popular and easily grown annuals and perennials.

CYANUS (Cornflower, or Bachelor's Button). AH. Also known as Ragged Sailor and Bluets but always popular by any name. Blooms all Summer and in many localities seed themselves so that they come up year after year. Height 1½ feet.

- 1231 Single Blue. 1232 Single Mixed.
Each, pkt., 10c; ¼ oz., 20c.
1241 Double Blue. 1243 Double White.
1242 Double Pink. 1250 Double Mixed.
Each, pkt., 10c; ¼ oz., 25c.

IMPERIALIS (Royal Sweet Sultan). AH. Plants 2½ to 3 feet tall, bearing flowers similar to the above but more open and larger; sweet scented.

- 1251 Lavender. 1254 Rose.
1252 Lilac. 1255 White.
1253 Purple. 1260 Mixed.
Each, pkt., 10c; ¼ oz., 35c.
1259 Collection: One pkt. of each of the above 5 colors, 40c.

VARIOUS FLOWERING VARIETIES

- 1261 *americana* (Basketflower). AH. Rosy lilac flowers of giant size. Height 4 to 5 feet. Pkt., 10c; ¼ oz., 35c.
1262 *montana* (Mountain Blue). PH. A hardy Cornflower with large deep blue flowers. Pkt., 15c.
1263 *suaveolens* (Yellow Sweet Sultan). AH. Tall; creamy yellow; honey-scented. Pkt., 10c; ¼ oz., 35c.
FOLIAGE CENTAUREAS. PHH. These are the popular "Dusty Millers"; fine for borders and edging; low growing; silvery white foliage.
1266 *candidissima*. Finely cut leaves. Pkt., 10c; ¼ oz., 50c.
1267 *gymnocarpa*. Velvety leaves. Pkt., 10c; ¼ oz., 40c.



Centaurea Cyanus—Cornflower.

- 1280 **CEASTIUM tomentosum** (Snow-in-Summer). PH. Pretty, very dwarf perennials for edgings or borders. Has silvery white foliage and bears a great profusion of tiny pure white flowers in June and July. Pkt., 15c.

Chrysanthemums

All varieties of this popular family are nice for cutting and very valuable for bedding, or for mixed borders. Please note that the huge blooms seen in the florist's windows in the late fall are Chinese Chrysanthemums and are raised from cuttings in the greenhouse.

ANNUAL VARIETIES (Painted Daisies). AH. Plants 2 feet tall bearing large, brilliantly colored, daisylike flowers all summer.

- 1291 *Burridgeanum*. White, banded crimson. Pkt., 10c.
1292 *inodorum plenissimum*. Double; white. Pkt., 10c.
1293 *Evening Star*. Large; single; golden yellow. Pkt., 10c.
1294 *Morning Star*. Primrose with dark center. Pkt., 10c.
1295 *Northern Star*. White with attractive light yellow zone around a purple center. Pkt., 10c.
1299 Collection: One pkt. of each of the above 5 colors, 40c.
1300 *Single Mixed*. Many colors. Pkt., 10c; oz., 40c.
1301 *Double Mixed*. Pkt., 10c; oz., 50c.

PERENNIAL VARIETIES. Attractive forms.

- 1304 *frutescens* (Florist's Marguerite). PT. Free-blooming; pale yellow, daisylike flowers. Blooms during winter in the greenhouse. May be set outdoors in summer. Pkt., 15c.
1305 *Japanese, Double, Mixed*. PT. Large flowers. Pkt., 35c.
1306 *Shasta Daisy, Alaska*. PH. One of the largest and finest strains of the big white Shasta Daisy. Pkt., 25c.



Centaurea Imperialis—Sweet Sultan.



Giant Single Cosmos.

CLARKIA. AH. Easily grown; bushy; free flowering from July to frost. Nice for cutting and pretty in beds. Flowers are double and borne on leafy racemes.

- 1341 Brilliant. Crim- 1343 Purple.
son. 1344 White Prince.
1342 Salmon Queen. 1350 Double and
Single Mixed
Each, pkt., 10c; $\frac{1}{4}$ oz., 40c.

1360 **CLEOME** *pungens* (Giant Spider Plant). AH. Showy for borders, blooming all summer. Rose-colored flowers with long "spidery" stamens. Height, 4 ft. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1370 **COBAEA** *scandens* (Cathedral Bells). PT. A vigorous climber. Blooms the first summer from seed started indoors in March or in the open ground in May. Climbs 20 feet; flowers large, bell-shaped, purplish blue. Plant the seed edgewise and cover lightly. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1380 **COLEUS**, Choice Hybrids Mixed. PT. Fine bedding plants, grown for their brilliantly colored variegated foliage. Start indoors in March. Pkt., 25c.

1390 **COREOPSIS** *lanceolata grandiflora*. PH. Splendid for cutting; bright golden yellow cosmos-like flowers; blooms all summer. Height, 2 ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

TEN BEST CUT FLOWERS

- | | |
|-------------|-------------|
| Aster. | Marigold. |
| Calliopsis. | Nasturtium. |
| Centaurea. | Scabiosa. |
| Cosmos. | Sweet Peas. |
| Larkspur. | Zinnia. |

Cosmos AHH

No garden is complete without Cosmos. Long before they bloom their fernlike foliage makes a most attractive background for the earlier blooming sorts and when they do bloom they yield a mass of blossoms unsurpassed by any other flower.

EARLY-FLOWERING SINGLE. Start to bloom in July. Height 5 ft.

- 1401 Crimson. 1403 White.
1402 Pink. 1410 Mixed.

Each, pkt., 10c; $\frac{1}{4}$ oz., 30c.

LATE-FLOWERING GIANT SINGLE.

Bloom in fall and bear the largest flowers, often over 4 inches across. Height, 6 to 7 ft.

- 1411 Giant Crimson. 1413 Lady Lenox,
1412 Lady Lenox, White.
Pink.

1420 Late Giants Mixed.
Each, pkt., 10c; $\frac{1}{4}$ oz., 25c.

DOUBLE OR CRESTED. A rare and beautiful new type with double or crested centers and an outer row of guard petals.

Early Double Crested.

- 1421 Crimson King. 1423 White Queen.
1422 Pink Beauty. 1430 Mixed Colors.

Each, pkt., 20c; $\frac{1}{4}$ oz., \$1.00.

Late Double Crested.

- 1431 Crimson. 1433 White.
1432 Pink. 1440 Mixed Colors.

Each, pkt., 15c; $\frac{1}{4}$ oz., 60c.



Double or Crested Cosmos.

1450 **COSMOS** *Klondyke*. A distinct dwarf bushy form bearing single yellow flowers. Pkt., 10c.

CINERARIA. PT. Beautiful pot plants for greenhouse or conservatory. Easily grown from seed in boxes or small pots.

1321 *multiflora nana hybrida*. Very dwarf and compact. Pkt., \$1.00.

1322 **Large-flowered Dwarf, Mixed.** Extra-fancy. Pkt., 50c.

1323 **Large-flowered, Medium Tall, Mixed.** Pkt., 50c.

1324 **Matadora.** Large; brilliant crimson. Pkt., 50c.

1325 **stellata.** Narrow petals; star form. Pkt., 50c.

1326 **maritima candidissima** (Dusty Miller). PHH. Very similar to the white-leaved centaureas, with silvery gray, finely cut foliage. Pkt., 10c.



Delphinium—Hardy Larkspur.

Delphinium - Hardy Larkspur PH

Handsome, stately, old-fashioned flowers. The finest blue hardy perennial and indispensable for the well-arranged hardy border. If started very early indoors, they will bloom the first summer.

1511 **Belladonna.** Turquoise-blue; extra-fine. Height, 5 ft. Pkt., 25c; ½ oz., \$1.00.

1512 **Bellamosum.** Dark blue with white eye. Height, 5 ft. Pkt., 25c; ½ oz., \$1.00.

1513 **Gold Medal Hybrids.** The finest English strain. Tall spikes of large flowers in all shades of blue. Pkt., 50c; ½ oz., \$1.25.

1514 **Double-flowered Hybrids.** Pkt., 15c; ½ oz., 50c.

1515 **B. S. & B. Co.'s Private Strain.** Hand picked from one of the finest private collections. In packets only. Pkt., \$1.00.

Chinense. Quite distinct from the above. Plants are 1½ feet high and resemble huge lobelias.

1521 **Blue.** 1522 **White.**

Each, pkt., 10c; ¼ oz., 50c.

CYCLAMEN. PT. Beautiful flowers, suggesting butterflies. One of the most popular greenhouse pot-plants. The finest giant strains.

1461 **Blood-Red.**

1464 **All White.**

1462 **Rose.**

1465 **White, Red Eye.**

1463 **Salmon.**

1466 **Lilac.**

1467 **Salmon-Rose.**

Each, pkt., 75c; 100 seeds, \$3.50.

1470 **Giant Mixed.** Pkt., 50c; 100 seeds, \$2.50.

Dahlia Seed PHH

Growing Dahlias from seed is very interesting. For no two plants are alike in color. The seed we offer is collected from only the finest named varieties and should produce many new and distinct sorts.

Seed of the Double and Cactus varieties, sown in early April, will bloom freely the first season, and the single sorts will bloom even if sown as late as June. Use same cultural directions as for cabbage or tomatoes.

1491 **Cactus Mixed.** Pkt., 25c; ¼ oz., 75c.

1492 **Double Large-flowering Mixed.** Pkt., 15c; ½ oz., 60c.

1493 **Peony-flowered Mixed.** Pkt., 25c; ¼ oz., 75c.

1494 **Single Choicest Mixed.** Pkt., 10c; ¼ oz., 40c.

Dahlia Roots. See pages 58 and 59.

1500 **DATURA cornucopia.** AH. Bushy showy plants which bear double trumpet shaped flowers, inside white, outside purple. Pkt., 10c.

HARDY GARDEN PINKS (D. plumarius). PH. Old favorites for permanent beds and borders. Dainty, sweet-scented flowers.

1551 **Single, Mixed.** Fringed petals; white or light pink with dark eye; clove-scented. Pkt., 10c; ¼ oz., 30c.

1552 **Double, Mixed.** Pkt., 15c; ¼ oz., \$1.00.

1553 **Everblooming** (D. semperflorens). Extra-fine single and semi-double flowers produced over a long season. Pkt., 15c; ¼ oz., \$1.00.

1554 **Allwoodi** (Perpetual Blooming Pink). Blooms continuously from spring until frost. Wide range of colors and exquisitely sweet scented. Pkt., 35c.



Old-Fashioned Single Pinks.

1480 **CYPRESS VINE.** AHH. A beautiful slender climber with little, scarlet or white, star-shaped flowers. Very similar to Cardinal Climber. Pkt., 10c; ¼ oz., 30c.

BEST FLOWERS FOR EDGING

Ageratum.

Eschscholtzia.

Alyssum.

Phlox, Cecily.

Dimorphotheca.

Portulaca.

Dianthus - Pinks

The varieties offered below represent the best of the old-fashioned annual "pinks," as well as the latest introductions in both the single and double varieties.

SINGLE JAPANESE PINKS (D. Hedde-
wigi). AH. Height 10 in.

1531 **Crimson Belle.** Large crimson flowers.

1532 **Eastern Queen.** Marbled rose and white.

1533 **Salmon Queen.** Light salmon.

1534 **The Bride.** White with purple center.

Each of the above, pkt., 10c; ¼ oz., 50c.

1537 **Choice Single Mixed.** Pkt., 10c; ¼ oz., 30c.

1538 **Finest Fringed Mixed** (D. laciniatus). Large flowers with fringed petals; many colors. Pkt., 10c; ¼ oz., 30c.

DOUBLE JAPANESE PINK (D. Hedde-
wigi fl.-pl.). AH. Double forms of the preceding.

1541 **Fireball.** Dwarf; bright red; fringed.
1542 **Mourning Cloak.** Reddish mahogany, with white margin.

1543 **Snowball.** Dwarf; pure white; fringed.

Each of the above, pkt., 10c; ¼ oz., 50c.

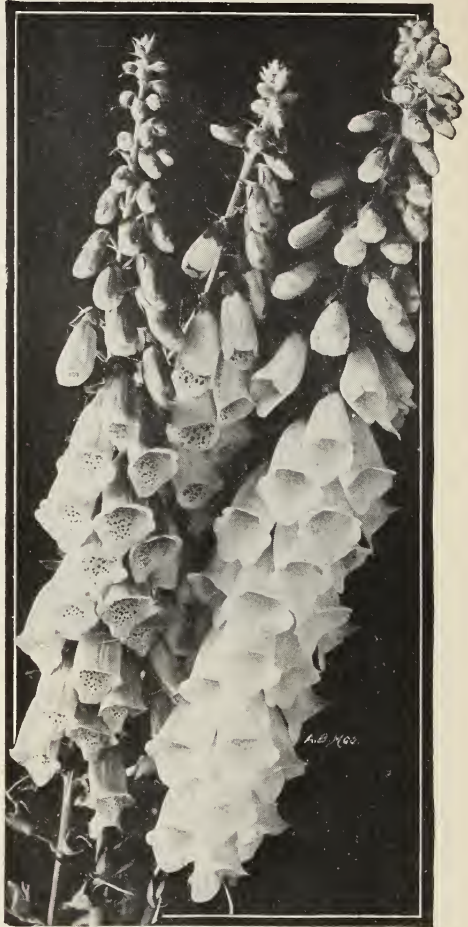
1546 **chinensis, Mixed.** Finest double forms. Pkt., 10c; ¼ oz., 30c.

1547 **Japanese Double Mixed.** Pkt., 10c; ¼ oz., 30c.

1548 **Fringed Double Mixed.** Pkt., 10c; ¼ oz., 40c.

HARDY PINKS

The hardy varieties of Dianthus (Pinks) are listed on the preceding page.



Digitalis—Foxglove.

Digitalis - Foxglove BH

Stately plants, producing long spikes of nodding, bell-shaped blossoms in June. They are ideal for the shrubby border as they thrive in partial shade as well as full sun. Once established they usually seed themselves. The Gloxinia varieties have large flowers with gloxinia-like markings. Height, 4 feet.

1561 **Gloxinia, Pink.** 1563 **Gloxinia, White.**

1562 **Gloxinia, Purple.** 1564 **Gloxinia, Mixed.**

Each, pkt., 10c; ¼ oz., 40c.

1565 **Yellow Foxglove** (D. grandiflora). PH. Creamy yellow, spotted with brown in the throat. Height, 2 ft. Pkt., 10c; ¼ oz., 30c.

1566 **Iver's Spotted.** BH. A special giant strain; various colors, attractively spotted. Pkt., 10c; ¼ oz., 50c.

1567 **Double Giant Foxglove** (D. monstrosa). BH. Large spikes with the top flowers united in one mammoth double bell. Pkt., 15c; ¼ oz., 60c.



Double Annual Pinks.

Dimorphotheca AH

(African Orange Daisy)

Bushy plants, growing 8 inches high, covered all summer long with large daisy-like flowers. They make bright beds and grow well under all conditions.

1571 *aurantiaca*. Golden orange. Pkt., 10c; ¼ oz., 50c.

1572 *aurantiaca hybrids*. New shades, including cream, yellow, deep orange, etc. Pkt., 10c; ¼ oz., 50c.

DOLICHOS (Hyacinth Bean). AHH. Vigorous climbing vines with handsome foliage and hyacinth-like sprays of flowers followed by showy pods.

1581 *Darkness*. Lavender flowers; purple leaves and pods.

1582 *Daylight*. Green foliage; white flowers.

Each, pkt., 10c; oz., 35c.

1590 **DRACAENA** (*Cordyline*) *indivisa*. PT. Ornamental-leaved, tropical plants for the conservatory. Pkt., 15c.

Eschscholtzia - California Poppy AH

Bushy plants with finely cut foliage and large poppy-like flowers all summer. May be used in mixed dwarf beds or as a border for taller beds. Height, 8 to 12 in.

1631 *Alba*. Pure white.

1632 *California*. Pale yellow flowers.

1633 *Carmine King*. Large; carmine-rose.

1634 *Canaliculata rosea*. Soft pink; fluted petals.

1635 *Golden West*. Glowing yellow.

1636 *Mandarin*. Inside orange; outside scarlet.

1637 *Rose Cardinal*. Creamy rose.

1638 *Vesuvius*. Coppery red.

Each, pkt., 10c; ¼ oz., 30c.

1639 *Collection*: One pkt. of each of the above 8 colors, 70c.

1640 *Special Single Mixed*. Large-flowering sorts, rich colors. Pkt., 10c; ½ oz., 20c; oz., 35c.

1641 *Double and Semi-double, Mixed*. Pkt., 10c; ¼ oz., 30c.



Bright Eschscholtzias.



Helichrysum—Strawflower.

Everlastings AH

A group of flowers which, when dried, retain their natural form and colors indefinitely and are highly prized for winter decorations. Cut them when the buds are half open and hang by the stems, head down, in a shady place until dry.

1651 **ACROCLINIUM** (Rose Everlasting). Pretty, bright rose, full, double daisy-like flowers. Pkt., 10c; ¼ oz., 25c.

1652 **AMMOBIUM** (Winged Everlasting). Similar to the above with white flowers. Pkt., 10c; ¼ oz., 25c.

1653 **GOMPHERNA** (Globe Amaranth). Clover-like flower-heads; pink, purple, white, and bronzy yellow, mixed. Pkt., 10c; ¼ oz., 25c.

HELICHRYSUM (Strawflower). The most popular of the Everlastings. Flowers of good size, double daisy-shaped and brightly colored.

1661 *Crimson*. 1664 *Fireball*.

1662 *Gold Ball*. 1665 *Rose*.

1663 *Silver Ball*. 1666 *Violet*.

1670 *All Colors, Mixed*.

Each, pkt., 10c; ¼ oz., 30c.

1669 *Collection*: One pkt. of each of the above 6 colors, 50c.

1671 **RHODANTHE**. Small, pink, white and red flowers, mixed. Pkt., 10c; ¼ oz., 25c.

1672 **XERANTHEMUM** (Immortelle). Graceful little flowers with more open petals than the Helichrysum. Pkt., 10c; ¼ oz., 30c.

1600 **ECHINOPS ritro** (Globe Thistle). PH. Big plants, 4 to 6 feet tall, for background plantings; large steel-blue globe-shaped, thistle-like flowers. Excellent for cutting. Pkt., 10c.

1610 **EDELWEISS**. PH. Low-growing plants for the rock-garden. Star-shaped, grayish white flowers. Pkt., 20c.

1620 ERYNGIUM amethystinum (Sea Holly). PH. Ornamental plants, 2 to 3 feet high, with beautiful metallic blue, holly-like foliage; flowers blue, thistle-like. Pkt., 15c.

EUPHORBIA. AH. Plants with showy vari-colored foliage; easy to grow in any sunny spot. Height, 2 to 3 feet.

1645 heterophylla (Annual Poinsettia). Scarlet and green. Pkt., 15c.

1646 marginata (Snow-on-the-Mountain). Leaves broadly edged and marked with white. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1740 GERANIUM zonale, Mixed. PT. Easily grown from seed, start indoors and transplant to the open in May or June. Pkt., 15c.

1750 GERBERA Jamesoni Hybrids (Transvaal Daisy). PT. Tall, bushy plants with large, narrow-petaled, daisy-like flowers in all shades of red, with some whites and yellows. Pkt., 25c.

GEUM. PH. Border perennials 2 feet high; large brilliant flowers on long stems.

1761 Double Crimson. Deepest blood-red. Pkt., 10c.

1762 Mrs. Bradshaw. Orange-scarlet; semi-double. Pkt., 15c.

Four O'clocks - Mirabilis

AH

Bushy plants 2 feet tall, literally covered with showy trumpet-shaped blooms all summer. Flowers are very sweet-scented, opening in late afternoon. Plant seed in drills $\frac{1}{4}$ inch deep where plants are to bloom, later thinning out to 15 inches apart. Please note we are offering this splendid flower in separate colors this year.

1701 Lilac. **1703 Yellow.** **1710 Mixed.**

1702 Deep Red. **1704 White.**

Each, pkt., 10c; oz., 25c.

1709 Collection: One pkt. of each of the above 4 colors, 35c.



Four O'clock—Mirabilis.



Perennial Gaillardia.

Gaillardia - Blanket Flower

Showy flowers, mostly in shades of red and yellow; easy to grow; bloom freely all summer. Height, 1 to 2 ft.

ANNUAL VARIETIES. AH. Fine for cut flowers.

1721 ambyodon. Large, single, maroon-red flowers. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1722 The Bride. Double; creamy white. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1723 picta, Single Mixed. Flowers of various colors, with zones or tips of distinct shades. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1724 picta Lorenziana, Double Mixed. Fine double flowers of the Picta type. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

PERENNIAL VARIETIES (G. grandiflora). PH. Fine for borders and large beds. Bloom the first season, if started in February.

1731 compacta. Bushy growth; large single, scarlet flowers, margined yellow. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1732 Coppery Red. Very large and brilliant. Pkt., 20c.

1733 Hybrida Mixed. Gorgeous colors. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

1770 GLOXINIA, Large-flowered Hybrids. PT. Greenhouse plants with delicately spotted, trumpet-shaped flowers. Pkt., 50c.

GOETIA. AH. Bushy, free-blooming annuals with brilliant azalea-like flowers. Thrives in poor soil. Height, 12 to 15 inches.

1781 Duchess of Albany. Satiny white. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

1782 Gloriosa. Large; blood-red. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

1783 Rosamond. Glowing pink. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

1784 Choice Mixed. All colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

183c GREVILLEA robusta (Silk Oak). PT. Easily grown pot-plants with handsome foliage. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Ornamental Grasses

Mostly tall-growing grasses with variously colored foliage and pretty flower or seed-heads. When cut and dried they are very nice for winter decorations.

1810 *Agrostis nebulosa* (Cloud Grass). AH. Fine, misty sprays.

1811 *Briza maxima* (Big Quaking Grass). AH. Seed-heads like rattles.

1812 *Coix Lacryma-Jobi* (Job's Tears). AH. Bead-like seeds.

1813 *Pennisetum villosum* (P. longistylum). (Feathertop.) AH. White plumes.

1814 *Pennisetum Ruppeli* (Fountain Grass). AH. Purple plumes.

1815 *Zea Mays japonica* (Rainbow Corn). AH. Gorgeously striped leaves.

1816 *Erianthus Ravennae* (Ravenna Grass). PH. Silvery plumes.

1817 *Eulalia zebrina* (Zebra Grass). PH. Conspicuously striped leaves.

1818 *Gynerium argenteum* (Pampas Grass). PH. Grows 8 feet high.

Each, pkt., 10c.

1819 Collection: One pkt. of each of the above 9 sorts, 75c.

GYPHOPHILA (Baby's Breath). Graceful plants with small flowers and misty foliage; nice for "background" in bouquets.

1841 *elegans alba*. AH. Large-flowered white. Pkt., 10c; oz., 25c.

1842 *elegans, Rose*. AH. Pkt., 10c; oz., 35c.

1843 *muralis* (Cushion Gypsophila). AH. Very dwarf; pink blossoms. Good for edgings. Pkt., 10c; ¼ oz., 25c.

1844 *paniculata*. PH. Pure white flowers borne in large, misty sprays. Pkt., 10c; ¼ oz., 30c.

1845 *paniculata, Double*. PH. Double form of above and better for cut flowers. Pkt., 25c.



Gypsophila Paniculata—Baby's Breath.

HELIOTROPE (Cherry Pie). PT. Prized for their delightful fragrance. Bloom the first season from seed started early indoors.

1881 King of the Blacks. Very dark violet; dwarf. Pkt., 15c.

1882 Giant Hybrids. Shades of blue and white. Pkt., 15c.

1900 *HEUCHERA sanguinea*. PH. Rich bright red flowers with showy foliage. Pkt., 25c.



Ornamental Gourds.

GOURDS, Ornamental Varieties. AHH. Vigorous climbing or trailing plants with heavy foliage and interesting and useful fruits.

1791 African Pipe. 1794 Egg-shaped.

1792 Dipper. 1795 Hercules' Club.

1793 Dish-cloth. 1796 Pear-shaped.

1800 Many Varieties Mixed.

Each, pkt., 10c; oz., 35c.

Helianthus - Sunflower

The ornamental varieties of Sunflower are excellent for background and screen plantings, and the miniature-flowered types make showy cut flowers. Easy to grow.

TALL LARGE-FLOWERED SORTS. AH. For bright mass effects.

1851 **Double Chrysanthemum** - flowered. Giant, double golden yellow flowers. Height, 6 ft. Pkt., 10c; oz., 60c.

1852 **Globe Sunflower.** Bright yellow, almost globe-shaped flowers; very free-blooming. Height, 6 ft. Pkt., 10c; oz., 30c.

1853 **Dwarf Double.** Height, 4 ft. Pkt., 10c; oz., 30c.

1854 **Red Sunflower.** Various shades of red, maroon, mahogany, etc.; large flowers. Height, 6 ft. Pkt., 10c; oz., 60c.

1855 **Mammoth Russian.** Height, 12 to 15 feet. Pkt., 10c.

SMALL-FLOWERED SORTS. AH. Free-blooming. Height, 3 to 4 ft.

1856 **Miniature.** Single; bright orange. Pkt., 10c; ¼ oz., 25c.

1857 **Orion.** Long, twisted, yellow petals. Pkt., 10c; ¼ oz., 25c.

1858 **Stella.** Deep golden yellow. Pkt., 10c; ¼ oz., 25c.

1870 **PERENNIAL SUNFLOWERS, Choicest Mixed.** PH. For showy backgrounds. Height, 4 to 6 ft. Pkt., 15c.

HELENIUM (Sneezewort). PH. Tall, bushy plants covered with large, bright, daisylike flowers in summer and fall.

1847 **autumnale superbum.** Golden yellow. Pkt., 10c; ¼ oz., 50c.

1848 **Riverton Gem.** Orange, black center. Pkt., 15c; ¼ oz., 50c.

1890 **HESPERIS matronalis** (Sweet Rocket). PH. Plants 2 feet high, resembling stocks. Flowers purple and white; old favorites, easy to grow. Pkt., 10c; ¼ oz., 25c.

1950 **HUNNEMANIA fumariaefolia** (Golden Cup). AH. The Giant Yellow Tulp Poppy. Bushy plants, 1½ feet tall, with large, golden yellow flowers, very similar to California poppies. July to frost. Pkt., 10c; ¼ oz., 25c.

BIRDHOUSES are easily made from the Hercules Club and Dipper Gourds listed above. **Rustic Cedar Bird Houses.** See page 79.



Hibiscus—Marshmallow.



Kochia Tricophylla—Burning Bush.

HIBISCUS (Marshmallow). PH. Spreading plants, 4 feet tall, with flowers often 6 inches across, like immense single hollyhocks. Does best in moist places.

1901 Crimson Eye. Large white flowers, with crimson centers. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1902 Golden Bowl. Creamy yellow, maroon eye. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1903 Moscheutos. Rosy pink. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

1904 New Giant Hybrids. A new giant sort with flowers from 6 to 8 inches in diameter. White, pink, carmine, crimson; some with distinct "eyes." Pkt., 15c; $\frac{1}{4}$ oz., 50c.

Hollyhocks DH

For tall backgrounds, hedges, and for filling in the odd corners, Hollyhocks surpass all hardy flowers. Seed sown in early summer will produce blooming plants the following season. Once established they often seed themselves from year to year.

IMPROVED DOUBLE HOLLYHOCKS. Superb strains.

1911 Maroon. **1914 Salmon.**

1912 Newport Pink. **1915 White.**

1913 Rose. **1916 Yellow.**

1920 Mixed.

Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.

1919 Collection: One pkt. of each of the above 6 colors, 50c.

1931 Double Exquisite. A superb new variety, with full, double, delicately fringed flowers, greatly resembling double fringed petunias. Outer edges of the petals are tipped with white, centers are various shades. Pkt., 35c.

1932 Allegheny Mixed. Large, semi-double flowers, with beautifully fringed petals. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

1933 Annual Everblooming, Mixed. A true perennial form which, however, blooms the first season from spring-sown seed. Double flowers. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

1935 Single Mixed. A fine assortment of colors. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

1940 HUMULUS japonicus (Japanese Hop). AHH. Neat, quick-growing vine. Will climb 30 feet. Thrives and stays green in spite of drought and heat. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

IMPATIENS. PT. Continuous blooming pot plants for greenhouse or conservatory. Bushy growth and very floriferous.

1961 Holsti Hybrids. Pkt., 25c.

1962 Sultani Hybrids. Larger than the preceding. Pkt., 25c.

1970 KOCHIA tricophylla (Burning Bush). AHH. Annual hedge plants, 2 feet tall, oval in shape; bright green fern-like foliage, changing to blood-red in fall. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

1980 KUDZU VINE (Pueraria Thunbergiana). PH. An extremely vigorous climber. Large, dark green leaves and lavender pea-shaped blossoms. Dies down to the ground each winter. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1985 LANTANA, Finest Mixed. PHH. Quick-growing plants with bright, verbenalike flower clusters. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2010 LATHYRUS latifolius, Mixed (Perennial Sweet Pea). PH. Trailing or climbing; good on stone walls and low fences. Like Sweet Peas but without odor. Red, Pink, and White. Pkt., 10c; $\frac{1}{2}$ oz., 40c.

2030 LAVENDER (Lavandula vera). PH. The familiar sweet-scented herb. Pkt., 10c.

LAVATERA (Annual Mallow). AHH. Shrubby plants, growing about 2 feet tall and blooming all summer. Large single flowers somewhat like hibiscus.

2021 Giant Rose. **2022 Giant White.**

Each, pkt., 10c; $\frac{1}{4}$ oz., 25c.

LEPTOSYNE. AH. Blooms five weeks after sowing; resembles coreopsis. Height, 1 ft.

2041 maritima. Lemon-yellow. Pkt., 15c.

2042 Stillmani. Orange-yellow. Pkt., 15c.

2051 LINARIA cymbalaria (Kenilworth Ivy). PHH. Very graceful trailing plants, fine for porch-boxes. Ivy-like leaves and dainty lavender, pink, or white flowers. Pkt., 15c.

2052 Maroccana Hybrids (Toad Flax). AH. Flowers resemble snapdragons but spaced farther apart. White, Pink, Yellow, and Blue mixed. Pkt., 15c.

LABELS for all purposes. See page 76.



Annual Larkspur—A Fine Cut Flower.

Larkspur AH

Easily and quickly grown in any garden. The graceful spikes are nice for cutting. The following Double Stock-flowered varieties grow 2½ feet tall and bloom all summer.

1991 Dark Blue. 1994 Shell Pink.
1992 Lilac. 1995 White.
1993 Newport Pink. 2000 Mixed.

Each, pkt., 10c; ¼ oz., 25c.

1996 Exquisite Pink. Beautiful soft pink.
Pkt., 15c; ¼ oz., 25c.

1999 Collection: One pkt. of each of above
6 colors, 50c.

2061 *LINUM grandiflorum rubrum* (Crimson Flax). AH. Very pretty dwarf plants with bright red flowers. Pkt., 10c; oz., 30c.

2062 *perenne*, White. PH. Plants 1½ feet high, with pure white flowers. Pkt., 10c.

LOBELIA. AHH. Attractive little plants for edging in the garden, porch-boxes, and hanging-baskets; very free-flowering. Start the seed early indoors, and give them rich soil.

2071 *compacta*, Crystal Palace. Azure-blue with white eye; compact and bushy. Pkt., 15c.

2072 Emperor William. Dark blue; compact. Pkt., 15c.

2073 Gracilis. Trailing; light blue. Pkt., 15c.

2074 Speciosa. Trailing; dark blue, white eye. Pkt., 15c.

2075 White Gem. Dwarf, compact; pure white. Pkt., 15c.

2076 *compacta*, Mixed. Pkt., 10c; ¼ oz., 40c.

2077 cardinalis (Cardinal Flower). PH. Tall plants with flaming red flowers. Prefers moist spots. Pkt., 15c.

2080 LUNARIA (Honesty). BH. Its round, flat, silvery transparent seed-pods make interesting decorations when combined with winter bouquets. Pkt., 15c.

2140 LYTHRUM roseum superbum (Loosestrife). PH. Long spikes of bright rose flowers, in late summer; prefers moist spots. Height, 4 to 5 ft. Pkt., 10c.

Lupinus - Sun Dial

Fine flowers, suitable for both border decoration and cutting. They thrive best on a well-drained limestone soil, but will give satisfactory results under any ordinary conditions and do not object to some shade. The plants are large, producing many tall spikes thickly set with pea-like blossoms.

HARTWEGI TYPE. AH. Bloom all summer. Height, 2 ft.

2091 Dark Blue. 2093 Rose.
2092 Light Blue. 2094 White.

2100 Mixed.

Each, pkt., 10c; ½ oz., 30c; oz., 50c.

POLYPHYLLUS TYPE. PH. May and June. Height, 3 ft.

2101 Blue. 2102 White. 2110 Mixed.
Each, pkt., 10c; ½ oz., 40c; oz., 75c.

2103 Bright Rose. Extra fine. Pkt., 15c;
¼ oz., 60c.



Lupinus Polyphyllus—Perennial.

LYCHNIS. PH. Brilliant border perennials; easy to grow.

2131 *chalconica* (Maltese Cross). Heads of fiery scarlet flowers, shaped like a Maltese Cross. Height, 2½ ft. Pkt., 10c; ¼ oz., 25c.

2132 *Haageana*. Dwarf plants with very large flowers; shades of red and pink. Pkt., 15c.

2133 *viscaria splendens*. Bright rose-pink. Height, 2 ft. Pkt., 10c.

2180 *MATRICARIA capensis*, Double White (Feverfew). PHH. Small, creamy white flowers; blooms the first season from seed and is usually treated as an annual. Pkt., 10c.

2190 *MATTHIOLA bicornis* (Evening Scented Stock). AH. A species of Stock with lilac-colored blooms which give off a delicate fragrance in the evening. Pkt., 10c; ¼ oz., 25c.



Double French Marigold.

Marigold - Tagetes AH

Sometimes called "Candelabra Plants" due to their shape. Easy to grow in any soil and blooming freely from July until frost. Marigolds are one of the most satisfactory flowers to grow.

DOUBLE AFRICAN. Large, globular flowers.

2151 **Eldorado.** Orange-yellow. Height, 2 ft. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

2152 **Lemon Queen.** Extra-large, clear lemon-yellow. Height, 2 $\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

2153 **Orange Prince.** A companion to Lemon Queen. Bright orange. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

2154 **Tall Double, Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2155 **Dwarf Pride of the Garden.** Large, golden yellow flowers. Height, 1 ft. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

2156 **Dwarf Double, Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

DOUBLE FRENCH DWARF. Flowers smaller than in the African type; fine for beds and edging. Height, 10 in.

2161 **Gold Striped.** Reddish brown, striped with bright yellow; very showy. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2162 **Golden Ball.** Pure yellow. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2163 **Mahogany.** Reddish brown. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2164 **Dwarf Double, Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 25c.

SINGLE FRENCH DWARF.

2172 **Legion of Honor.** Yellow, spotted brown; very bright. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2173 **Dwarf Single Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2200 **MAURANDIA, Mixed.** PT. A graceful slender climber with blue, mauve, or white flowers; nice for vases. Pkt., 10c.

2210 **MESEMBRYANTHEMUM crystallinum** (Iceplant). AHH. An interesting plant with a transparent coating which looks like ice on stems and leaves. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

2230 **MIMOSA pudica** (Sensitive Plant). AHH. A unique plant with leaves that close and droop when touched. Pkt., 10c.

2240 **MIMULUS moschatus** (Musk Plant). PHH. Small yellow flowers and fragrant leaves; nice for hanging-baskets. Pkt., 15c.

Mignonette AH

Always a favorite for its distinctive fragrance. Prefers a dry, sunny spot. Easy to grow and fine for cut flowers. Height, 10 in.

2221 **Defiance.** Large, grayish flowers. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2222 **Golden Queen.** Yellow. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2223 **Goliath.** Giant flowers of deep red. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

2224 **Machet.** Reddish tinted. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2225 **Old-fashioned Sweet-scented.** Small flowers but very fragrant. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

2226 **White Pearl.** Very tall; pure white. Pkt., 15c; $\frac{1}{4}$ oz., 50c.



Mignonette, Goliath.

MOMORDICA. AHH. Vines with ornamental foliage and peculiar warted fruits that open and show their scarlet interiors in the fall.

2251 **Balsamina** (Balsam Apple). Round, yellow fruits; climbs 10 feet or more. Pkt., 10c.

2252 **Charantia** (Balsam Pear). Pear-shaped fruits. Pkt., 10c.

MOONFLOWERS. AT. Vigorous climbers with immense, flat, round blossoms which open in early evening and close the following morning. The seed is delicate and should be started indoors, first soaking it in water for several hours. Plant outdoors late in May.

2261 **Black-seeded White.** Pkt., 10c; oz., 50c.

2262 **White-seeded White.** Pkt., 10c; oz., 50c.

2263 **Heavenly Blue.** Lovely clear blue; fine in pots. Pkt., 15c.

Morning-Glory AHH

Familiar free-blooming climbers with luxuriant foliage and bright trumpet-shaped flowers. Easily grown.

- 2271 New Monster Morning-Glory, Japanese Sunshine.** Unquestionably the finest Morning-Glory in existence. Vigorous grower, bearing myriads of flowers 6 to 8 inches across in the most beautiful shades of pink. Pkt., 25c; oz., 75c.
- 2272 Imperial Japanese, Mixed.** A very large-flowered strain; many beautiful and unusual colors. Pkt., 10c; oz., 35c.
- 2273 Tall Common, Mixed.** Many bright colors. Pkt., 10c; oz., 20c.
- 2274 Dwarf, Mixed.** For beds and rock-gardens. Height, 1 ft. Pkt., 10c; oz., 25c.
- 2275 Brazilian.** Tall-growing, with rose-pink flowers; free-blooming. Pkt., 10c; oz., 40c.

Myosotis - Forget-me-not

Charming massed in beds or in wild gardens. They prefer moist, shady spots. All will bloom the first season if started early indoors.

- 2291 alpestris, Royal Blue.** PH. Deep blue flowers. Best as an annual. Height, 9 in.
- 2292 alpestris alba.** Pure white.
- 2293 alpestris rosea.** Rose-pink.
Each, pkt., 10c; ¼ oz., 50c.
- 2294 dissitiflora.** BH. Flowers very large, rich blue. Pkt., 25c.
- 2295 palustris semperflorens.** PH. Dwarf, compact, blooming all summer. The most popular type. Pkt., 15c; ½ oz., 75c.
- 2296 Ruth Fischer.** PHH. Large; azure-blue. A favorite for growing in pots. Pkt., 25c.
- 2297 Victoria.** PH. Fine free-blooming sort; flowers very quickly from spring sowings. Pkt., 15c; ½ oz., 50c.
- 2298 Choice Mixed.** PH. Pkt., 10c; ¼ oz., 50c.
- 2280 MUSA ensete** (Abyssinian Banana). PT. Handsome conservatory plant. May be used outdoors in the summer. Pkt., 25c.
- 2330 NEMESIA Suttoni, Large-flowered, Mixed.** AHH. Bushy plants 1 foot high, with flowers similar to miniature snapdragons. Bright colors. Pkt., 10c.
- 2340 NEMOPHILA, Mixed** (Baby-blue-eyes). AH. Cup-shaped flowers, white and shades of blue; all summer. Height, 1 ft. Pkt., 10c.

NIGELLA (Love-in-a-mist). AH. Erect, sturdy plants with pretty flowers, surrounded by feathery foliage. Height, 15 in.

2361 damascena, Mixed. Blue and white. Pkt., 10c; oz., 35c.

2362 Miss Jekyll. Large, double, deep blue flowers; excellent for cutting. Pkt., 10c; ¼ oz., 25c.

NICOTIANA (Sweet-scented Tobacco). AHH. Fine border plants, 2 to 3 feet tall, with clusters of long, trumpet-shaped flowers all summer. Delightfully fragrant in the evening.

2351 affinis. Flowers pure white. Pkt., 10c; ¼ oz., 25c.

2352 affinis Hybrids. Shades of pink and red. Pkt., 10c; ¼ oz., 30c.

2353 Sanderæ Hybrids. Not so tall as *N. affinis* but larger flowered. Many shades of red and lavender. Pkt., 10c; ¼ oz., 35c.

2354 sylvestris. Large white flowers. Pkt., 10c; ¼ oz., 30c.



The Ever Popular Nasturtium.

Nasturtium AH

Nasturtiums will grow on even the poorest soil, and bloom profusely all Summer. They make a fine display in beds and furnish quantities of splendid cut flowers. Sow the seed in April or May, scattering it thinly in drills ½ inch deep.

DWARF or BEDDING VARIETIES. Compact, rounded bushes about 1 foot high; fine for beds, edging, and window-boxes.

2301 Chameleon. Several shades on each plant.

2302 Yellow and Crimson. 2303 Scarlet.

2304 Golden Yellow. 2306 Crimson.

2305 Bright Red. 2307 Cream.

2308 Salmon-Rose.

Each, pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

2309 Collection. One pkt. of each of the above 8 colors, 70c.

2310 Choicest Dwarf Mixed. All colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

TALL or CLIMBING NASTURTIUMS. Will trail on the ground or climb on fences, low trellises, etc., climbing 8 to 10 feet.

2311 Chameleon. Various shades on the same plant.

2312 Crimson. 2314 Cream.

2313 Golden Orange. 2315 Yellow-Scarlet.

2316 Yel. and Crimson. 2317 Salmon-Rose.

Each, pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

2319 Collection. One pkt. of each of the above 7 colors, 60c.

2320 Choicest Tall Mixed. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



Pansies—Universal Favorites.

Pansies BH

Cool weather and moist soil produce the largest and finest Pansies. The best time to sow is during July or August, in shaded frames, in which the plants, given some protection, may be carried over winter and set out early the following spring when they will commence to bloom at once and continue all summer if supplied with plenty of water. Next best is to sow indoors or in the hotbed in February or March. Seed sown indoors in May will give blooming plants in the fall. Space Pansy plants at least a foot apart and keep the faded flowers picked.

SPECIAL FINE STRAINS AND MIXTURES

- 2400 B. S. & B. Co.'s Finest Mixed.** Selected for size, form of bloom, and richness of color, as well as vigor and free-blooming qualities, this special blend of our own is absolutely without a peer. Pkt., 50c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00.
- 2401 Bugnot's Large Blotched.** Big, round flowers distinguished by irregular blotches on the lower petals and radiating lines on the upper. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00.
- 2402 Cassier's Giants.** Large flowers with well-defined blotches. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00.
- 2403 Masterpiece.** A giant-flowered strain with distinctly waved and frilled petals. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00.
- 2404 Mme. Perret.** Wine shades. Pkt., 25c; $\frac{1}{8}$ oz., 75c.
- 2405 Choice Mixed.** An excellent mixture of exhibition strains. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00.

GIANT TRIMARDEAU PANSIES. A famous large-flowered French strain; sturdy in growth and excellent for bedding.

- 2410 Adonis.** Light blue.
- 2411 Golden Gem.** Rich pure yellow.
- 2412 King of the Blacks.** Velvety coal-black.
- 2413 Lord Beaconsfield.** Violet, shaded white.
- 2414 Royal Purple.** Rich dark purple.
- 2415 Snow Queen.** Pure white.
- 2416 Victoria.** Claret-red with darker shadows.
- 2417 White with Purple Eye.** Very effective.
- 2418 Yellow with Dark Eye.** Extra large. Each, pkt., 15c; $\frac{1}{4}$ oz., 85c; $\frac{1}{2}$ oz., \$1.50.
- 2420 Trimardeau Mixed.** Pkt., 15c; $\frac{1}{4}$ oz., \$1.00.
- 2419 Collection:** One pkt. of each of the above 9 colors, \$1.10.

TUFTED PANSIES (*Viola cornuta*). PHH. These are improved strains of the old-fashioned "Johnny Jump-ups." The plants are bushy and free-blooming, with medium-sized flowers all summer.

- 2421 Blue Perfection.** Deep blue shades.
- 2422 lutea splendens.** Rich golden yellow.
- 2423 Butterfly** (*V. papilio*). Lavender-purple.
- 2424 White Perfection.** Fine pure white.
- 2430 Mixed.** The above and many others. Each, pkt., 15c; $\frac{1}{2}$ oz., 75c.
- 2431 VIOLA odorata** (Sweet-scented Violet). The true Sweet-scented Violet. Pkt., 15c.



Tufted Pansies.

- 2371 OENOTHERA Lamarckiana** (Evening Scented Primrose). BH. Plants 3 feet high, bearing very fragrant bright yellow flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c.
- 2372 missouriensis** (Ozark Sundrops). PH. Trailing stems bearing large, yellow, poppy-shaped flowers. Pkt., 10c.
- 2380 OXALIS tropaeoloides.** Small yellow flowers and showy brown foliage; nice for beds and pots. Height, 6 in. Pkt., 10c.
- PENTSTEMON** (Beard Tongue). PH. Very showy plants, requiring a rich soil and sunny situation. Flowers in many shades, borne on long spikes. Height, 2 ft.
- 2441 Sensation.** Gloxinia-like flowers in shades of red. Pkt., 15c.
- 2442 Mixed.** Many colors. Pkt., 10c.

Petunia АНН

Few flowers are more desirable for beds, porch-boxes, or hanging-baskets than Petunias. They are easy to grow and bloom profusely from early summer to frost. Best results are secured by starting the seed indoors in March, particularly with the Giant-flowered varieties, while the smaller-flowered bedding sorts will give excellent results if sown in May in the place where they are to bloom. Plant in very shallow drills and cover with papers or bagging to prevent washing during heavy rains.

GIANT-FLOWERED SINGLE and DOUBLE VARIETIES. Our strain of these magnificent Petunias is better than ever this year, all plants having been carefully cross-fertilized, and are of the true dwarf upright-growing type. We believe that a better strain does not exist. Seed should be started indoors and care taken that ants do not have access to the seeds as they will carry them off.

2452 Giant Single Fringed Mixed. These are without question the finest Giant Single Petunias in existence. The flowers are monstrous in size and all are delicately veined with contrasting colors. Edges of the petals are finely fringed. Pkt., 35c; 3 pkts., \$1.00.

2453 Marvelous Double Fringed Mixed. Especially grown for us by one of the foremost Petunia specialists in the world. Flowers are of largest size, full double and finely fringed. This is the finest strain we have ever seen. Pkt., 75c.



Marvelous Double Fringed Petunia.



Bedding Petunias.

BALCONY PETUNIA. Vigorous, trailing plants with profuse blooms of large size. The best single Petunias for window boxes and fine for bedding.

2461 Balcony, Blue. Deep violet-blue—a rare and exceedingly attractive color. Pkt., 25c; ¼ oz., \$1.00.

2462 Balcony, Rose.

2463 Balcony, Crimson.

2464 Balcony, White.

2466 Balcony, Mixed.

Each, pkt., 15c; ¼ oz., 75c.

2477 Rose of Heaven. A fine new variety similar in growth to Rosy Morn. Flowers are clear brilliant rose and profusely borne all summer, making it one of the finest bedding varieties. Pkt., 15c; ¼ oz., 75c.

BEDDING PETUNIAS. Free-flowering; compact growth.

2471 Brilliant. Carmine-pink. Pkt., 10c; ¼ oz., 50c.

2472 Dwarf Inimitable. Dwarf; flowers distinctly striped. Pkt., 10c; ¼ oz., 50c.

2473 Howard's Star. Crimson-maroon with a bluish-white star. Pkt., 10c; ¼ oz., 60c.

2474 Rosy Morn. Popular bedder; covered with bright pink flowers. Pkt., 10c; ¼ oz., 60c.

2475 Snowball. Dwarf; pure white. Pkt., 10c; ¼ oz., 50c.

2476 Striped and Blotched, Mixed. Pkt., 10c; ¼ oz., 50c.

2480 Choicest Mixed. All colors. Pkt., 10c; ¼ oz., 50c.

2478 Dwarf Bedding Mixed. Finest mixture of dwarf, erect growing varieties. Pkt., 15c; ¼ oz., 50c.



Phlox Drummondii—Unexcelled for Bedding.

Phlox Drummondii AH

Easily grown bedding annuals. They are gorgeous in masses, blooming from early summer to fall, requiring a sunny location and only a moderately good soil. Flowers are borne in heads on fairly long stems.

Large-flowered Tall Varieties (*P. grandiflora*). Broad trusses. Height, 15 in.

- | | |
|------------------|---------------|
| 2491 Blood-Red. | 2494 Rose. |
| 2492 Crimson. | 2495 Scarlet. |
| 2493 Flesh-Pink. | 2496 Violet. |
| | 2497 White. |

Each, pkt., 10c; $\frac{1}{4}$ oz., 50c.

2499 **Collection**: One pkt. of each of the above 7 colors, 60c.

2500 **Choicest Mixed**. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

2501 **Starred and Fringed, Mixed** (*P. cuspidata*). Petals deeply cut and fringed in various star shapes. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

2502 **Dwarf Cecily Phlox**. Finest mixed. A large-flowered type of bushy growth. Splendid for edging. All colors. Height, 6 to 8 in. Pkt., 10c; $\frac{1}{8}$ oz., 75c.

2505 **PHLOX decussata, Choicest Mixed**. PH. A superfine mixture of the newest varieties. Height, 2 to 3 ft. Pkt., 25c.

Poppies

Given a light soil and a sunny location, Poppies grow almost like weeds. The seed should be scattered thinly on the surface of a mellow seed-bed, or barely covered with fine soil.

SINGLE ANNUAL VARIETIES. AH. The annual varieties do not transplant successfully, so should be sown where they are to bloom. Sowings at intervals of two weeks will provide a succession of bloom all summer.

2541 **Admiral**. Tall; large white flowers, with scarlet band around the edge. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2542 **American Legion**. New. Brilliant orange-scarlet. Height, $1\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

2543 **The Bride**. Large; pure white. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2544 **Dannebrog, or Danish Flag**. Scarlet, marked with white in the shape of a cross. Showy. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2545 **Tulip** (*Papaver glaucum*). Flaming cardinal-red, cup-shaped flowers; extra-fine. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2546 **Shirley, Mixed**. The most popular variety for bedding. Lovely shades of red, pink, salmon, and white. Height, $1\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

2550 **Choice Single, Mixed**. All types. Pkt., 10c; oz., 30c.

DOUBLE ANNUAL POPPIES. AH. Grown like the singles.

2551 **American Flag**. Tall; big, round, full double flowers; white tipped with scarlet. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2552 **Fairy Blush**. Fringed petals, white shading to rose at the tips. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2553 **Mikado**. Brilliant crimson-scarlet, shading to white in the center. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2554 **Shirley Hybrids**. Double and semi-double, with all the dainty colors of the popular Shirley type. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

2555 **White Swan**. Big; pure white; full double. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

2560 **Double Carnation-flowered, Mixed**. Large flowers with fringed petals; many colors. Height, $2\frac{1}{2}$ ft. Pkt., 10c; oz., 30c.



Dainty Single Shirley Poppies.



Oriental Poppies.

PERENNIAL POPPIES. PH. Very fine subjects for hardy borders. The Oriental varieties are the largest and most brilliant of the Poppy family, blooming in late May and June. Height, 3 ft.

2561 **Oriental.** Glorious flowers, 5 to 6 inches across, crimson-scarlet with black base. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

2562 **Oriental Hybrids, Mixed.** Shades of red, pink, salmon, etc. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

2563 **Princess Victoria Louise.** Clear salmon-pink. Pkt., 15c; $\frac{1}{8}$ oz., 65c.

2564 **Iceland Poppy** (*Papaver nudicaule*). Hardy, thrifty plants; fine in rock-gardens and on poor soil, blooming in early spring. Shades of yellow, orange, apricot, white, etc. Height, 1 ft. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

PORTULACA. (See page 52.)

2510 **PHYSOSTEGIA virginica** (False Dragonhead). PH. Covered in summer with spikes of lavender-pink flowers held pendent, somewhat like foxgloves. Height, 3 to 4 ft. Pkt., 10c; $\frac{1}{4}$ oz., 75c.

PLATYCODON (Balloon Flower). PH. Balloon-shaped buds, opening to big bell-shaped flowers. Blooms all summer. Height, 2 $\frac{1}{2}$ ft.

2521 **Large Blue.** Lavender-blue. Pkt., 10c.

2522 **Large White.** Pure white. Pkt., 10c.

2530 **POLEMONIUM caeruleum** (Jacob's Ladder). PH. Ornamental foliage and deep blue and white flowers. Height, 2 ft. Pkt., 10c.

Primula - Primrose

TENDER VARIETIES PT

A group of very lovely pot plants for house and conservatory. Our seed is grown by foremost *Primula* specialists.

OBCONICA GIGANTEA. Very large, round flowers on stiff stems well above the foliage.

2581 **Crimson.** 2582 **Rose.**
2590 **Choicest Mixed.**
Each, pkt., 50c.

OBCONICA GRANDIFLORA. Flowers smaller but borne more profusely than the Giganteas.

2591 **White.** Pkt., 50c.

2592 **Apple Blossom.** Pink. Pkt., 50c.

2593 **Deep Red** (Mohnstein). Pkt., 75c.

2594 **Rosea** (Mueller). Rose. Pkt., 75c.

2595 **Hamburger Rosea.** Deep Rose. Pkt., 75c.

2600 **Mixed.** All colors. Pkt., 50c.

OTHER FINE POT PRIMULAS

2601 **kewensis.** Yellow flowers. Pkt., 35c.

2602 **malacoides.** Lilac Baby Primrose. Small flowers on very long stems. Fine house plant. Pkt., 35c.

2603 **stellata.** Star Primrose. Star-shaped flowers. All colors. Pkt., 35c.

HARDY VARIETIES FOR THE GARDEN. PHH

Attractive for rock-gardens and woody spots, preferring a cool, moist soil and requiring light protection over winter. They bloom in spring.

2611 **Auricula, Mixed.** Low-growing and free-blooming. Flowers with distinct "eyes." Pkt., 25c.

2612 **elatior, Mixed.** The tall Polyanthus Primroses. Pkt., 15c.

2613 **japonica.** Many bright colors. Tall-growing. Pkt., 15c.

2614 **vulgaris.** True English Primrose. Bears yellow flowers in heads in early spring. Pkt., 15c.



Primula—Primrose.



**Pyrethrum
Roseum.**
Single
and
Double.

PYRETHRUM. PH. Fine hardy border Daisies.

2620 **Single Bright Red.** Pkt., 25c.

2621 **roseum, Single Hybrids.** Large daisy-like flowers in attractive shades of red and pink. Pkt., 15c; ¼ oz., 75c.

2622 **roseum, Double Hybrids.** A very fine double form of the above. Pkt., 25c.

2623 **uliginosum.** Giant White Daisy. Pkt., 15c.

PORTULACA (Sun Rose). AH. Dwarf, spreading plants that bloom all summer. They require full sunlight and will thrive on banks, terraces, and other exposed surfaces where other flowers burn out. Portulacas are also useful in porch or window-boxes, urns, or pedestals. Flowers resemble miniature single and double roses in a wide assortment of brilliant reds, pinks, yellows, and whites. Sow seed as early in the spring as the ground can be prepared either in very shallow drills or broadcast on the surface, and cover lightly. In case of severe rainstorms, before the seed has had a chance to sprout, protect from washing with cloths or bagging.

2571 **Single, Mixed.** Pkt., 10c; ¼ oz., 30c.

2572 **Double, Mixed.** Pkt., 10c; ¼ oz., 75c.

Ricinus - Castor Oil Bean

AHH

Impressive plants, grown for their massive tropical foliage.

2631 **Giant Bourbon** (R. bourboniensis arboreus). The largest Ricinus (15 feet tall); dark green leaves. Pkt., 10c; oz., 40c.

2632 **Cambodia** (R. cambodgensis). Handsome foliage, bronzy green to black-purple. Height, 6 ft. Pkt., 10c; oz., 50c.

2633 **Blood-Red** (R. sanguineus). Showy red stems, leaves, and fruit. Height, 10 ft. Pkt., 10c; oz., 40c.

2634 **zanzibarensis, Mixed.** Leaves of immense size and various colors. Height, 10 to 12 ft. Pkt., 10c; oz., 25c.

RUDEBECKIA (Coneflower). Tall, showy flowers like single chrysanthemums, with cone-shaped centers; free-blooming.

2641 **bicolor superba.** AH. Orange-yellow and black. Pkt., 10c.

2642 **speciosa Newmanni.** PH. Bright yellow with conspicuous purple cone; blooms in autumn. Pkt., 15c.

2643 **purpurea** (Echinacea purpurea). PH. Rosy purple; late summer. This variety is sometimes called "Red Sunflower." Pkt., 10c.

Salpiglossis AHH

(Painted Tongue)

Tall, slender, branching plants with trumpet-shaped flowers of rich, velvety colors delicately veined with gold. Blooms all summer.

2651 **Crimson.** 2654 **Scarlet and Gold.**

2652 **Purple and Gold.** 2655 **White and Gold.**

2653 **Rose and Gold.** 2660 **Choice Mixed.**

Each, pkt., 10c; ¼ oz., 50c.

2659 **Collection:** One pkt. of each of the above 5 colors, 40c.

2680 **SANVITALIA procumbens.** AH. Showy, free-blooming bushy plants, 6 inches high; flowers bright yellow, double; blooms all summer. For beds and edging. Pkt., 10c; ¼ oz., 35c.

2690 **SAPONARIA Vaccaria.** AH. Plants 2 feet high, bearing many small pink gypsophila-like flowers. Pkt., 10c.

SCHIZANTHUS (Butterfly Flower). AH. Large, shrubby plants covered with dainty blossoms. Splendid for pot plants in winter. Height, 2 ft.

2721 **Wisetonensis** (Improved Strain). Many beautiful light colors. Pkt., 25c.

2722 **Large-flowered Hybrids.** An extra-fine strain. Pkt., 15c.



Double Portulaca.

Scabiosa

(Mourning Bride; Pincushion Flower)

A real old-fashioned flower that is, at the same time one of the most satisfactory to grow. Flowers are borne on long stems well above the foliage. Blooms all summer and is unexcelled for bedding or use as cut flowers.

ANNUAL VARIETIES. AH. Bloom July to frost. Height, 2½ ft.

2701 Black-Purple. 2704 Lavender.

2702 Crimson. 2705 Rose.

2703 Flesh-Color. 2706 White.

2710 Mixed.

Each, pkt., 10c; ¼ oz., 30c.

2709 Collection: One pkt. of each of the above 6 colors, 50c.

PERENNIAL VARIETIES. PH. Will bloom the first season if sown early.

2711 caucasica. Pale blue flowers. More open than the above. Height, 3 ft. Pkt., 15c.

2712 japonica. Lavender flowers. Height, 2 ft. Pkt., 10c.



Salvia, Bonfire.

Salvia - Scarlet Sage AHH

Familiar bedding annuals. Best results are secured by starting the seed indoors in February. On rich soil the plants are a blaze of color all summer.

2671 America, or Globe of Fire. Semi-dwarf rounded bushes, very uniform in shape and size; flowers brilliant scarlet. Extra-fine. Pkt., 20c; ¼ oz., \$1.00.

2672 Bonfire, or Clara Bedman. Erect, bright scarlet spikes. A favorite for large beds. Pkt., 15c; ¼ oz., 75c.

2673 splendens. The well-known type. Pkt., 10c; ¼ oz., 50c.

2674 Zurich. Early; free-blooming; dwarf and compact in growth. Height, 1½ ft. Pkt., 15c; ¼ oz., \$1.00.

PERENNIAL VARIETIES. Sprays of lovely blue.

2676 farinacea. PHH. Flowers the first season and is usually treated as an annual. Lavender-blue. Pkt., 10c.

2677 patens. PT. Pure deep azure-blue; large. Pkt., 25c.

SILENE (Catchfly). PH. For borders and rock-gardens.

2731 orientalis. Bright rose-pink. Height, 2½ ft. Pkt., 10c.

2732 Schafta. Rosy purple; very dwarf. Pkt., 15c.

2750 SOLANUM, Cleveland Cherry. AT. Ornamental pot plants with glossy green foliage and round scarlet fruits. Largely used as a Christmas plant. Pkt., 15c.

2740 SMILAX asparagoides. PT. Greenhouse vine valued for its graceful foliage. Pkt., 10c; ¼ oz., 30c.

2761 STATICE sinuata, Mixed. (Sea Lavender). BH. Produces profusely all summer and fall, long sprays of lavender-blue, white, and rose flowers which may be dried for winter bouquets. Very similar to Baby's Breath. Height, 1½ ft. Pkt., 10c.

2762 Suworowi. AH. Very pretty annual from Russia. Bears short spikes of rose-pink flowers all summer. Very effective for table decorations. Pkt., 15c.

2770 STEVIA serrata. AH. Very free blooming, bearing great quantities of pure white flowers; excellent for cutting. Pkt., 10c.



Scabiosa—Mourning Bride.

Stocks - Gilliflower AHH

Free-blooming plants; splendid for pot culture, and excellent outdoors if given rich moist soil. The flowers are very fragrant and highly prized for cutting. Start the seed indoors or in a hotbed in March. Plants from late sowings, potted up in the fall, will flower all winter.

LARGE-FLOWERING DWARF TEN-WEEKS.

Fine for bedding and pots. Height, 1 ft.
 2781 Blood-Red. 2784 Light Blue.
 2782 Bright Rose. 2785 Purple.
 2783 Canary-Yellow. 2786 White.
 2790 Fine Mixed. All colors.
 Each, pkt., 10c; ½ oz., 50c.

2789 Collection: One pkt. of each of the above 6 colors, 50c.

CUT-AND-COME-AGAIN VARIETIES.

The best for cutting. Height, 1½ ft.
 2791 Blood-Red. 2794 Blush-Lilac.
 2792 Creamy Yellow. 2795 Rose.
 2793 Dark Blue. 2796 White.
 2800 Choice Mixed. All colors.
 Each, pkt., 10c; ½ oz., 60c.

2799 Collection: One pkt. of each of the above 6 colors, 50c.



Cut-and-Come-Again Stocks.

GIANT WINTER or NICE. The favorite class for winter forcing; also good outdoors. Height, 2 ft.

2801 Canary-Yellow. 2804 Flesh-Pink.
 2802 Crimson. 2805 Lilac.
 2803 Deep Blue. 2806 Pure White.
 2810 Choice Mixed.
 Each, pkt., 10c; ½ oz., 75c.

2809 Collection: One pkt. of each of the above 6 colors, 50c.

2820 **STOKESIA cyanea** (Cornflower Aster). PH. Large, semi-double flowers of deep lavender-blue all summer. Height, 2 ft. Pkt., 15c; ¼ oz., 50c.

SWEET PEAS. (See following page.)



Sweet William—An Old Time Favorite.

Sweet William PH

Dianthus barbatus

Easily grown old-fashioned hardy flowers. The plants grow 15 to 18 inches tall and bear broad trusses of richly colored, sweet-scented flowers.

3001 **Holborn Glory.** Large, single flowers of various shades, all with distinct white "eyes."

3002 **Maroon.** Dark velvety color.

3003 **Newport Pink.** Large; salmon-pink.

3004 **Scarlet Beauty.** Deep scarlet.

3005 **Pure White.**

Each, pkt., 10c; ¼ oz., 35c.

3009 Collection: One pkt. of each of the above 5 colors, 40c.

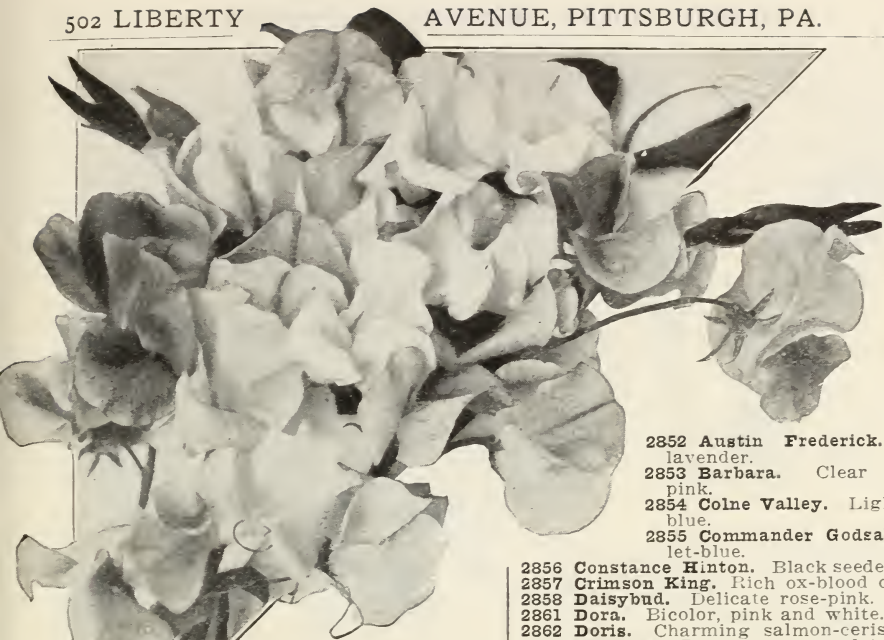
3011 **Single Mixed.** All colors. Pkt., 10c; ¼ oz., 25c.

3010 **Double Mixed.** Fine. Pkt., 10c; ¼ oz., 35c.

3012 **Annual Sweet William.** AH. A hybrid form blooming the first season. Showy colors. Pkt., 10c; ¼ oz., 50c.



Stokesia Cyanea.



Sweet Peas AH

It is not difficult to grow fine Sweet Peas, even in our trying climate. The secret of success lies in getting an early start and, by thorough soil preparation, insuring a strong deep root-growth to keep the plants well supplied with water. If you want to grow the largest and finest blossoms, start as early in the spring as the soil can be worked—early in March, if possible.

Choose an open location and dig a trench 1½ feet deep and a foot wide. Mix with the soil a liberal quantity of fertilizer (sheep manure with a little bonemeal is an excellent combination). Refill the trench with this mixture to within 6 inches of the top. Scatter the seed about an inch apart on this layer and cover them with 2 inches of soil. When the plants are 4 to 6 inches tall, gradually fill in around them until the top of the trench is reached. By this method the roots are secured a plentiful supply of food in the driest spells.

The vines may be supported with brush, strings, wire or any handy form of trellis that will allow free circulation of air. Of course, good Sweet Peas can be grown without trenching, but extra attention is always well repaid with larger flowers, more of them, and a longer blooming season. Keep the flowers picked and the vines will bear longer.

We offer the best of the Spencer or Orchard-flowered Sweet Peas, these being far superior to the older Grandiflora type.

Summer-flowering Spencer Sweet Peas

We offer, this year, a completely revised list of this ever-popular flower. All the newer really worth-while varieties are included and a few of the old standbys that have defied improvement. Flowers are of huge size, gracefully waved, and are generally borne four to a stem.

2876 SWEET PEA, MARY PICKFORD. "America's Sweetheart." The newest and finest pink Sweet Pea. Pkt., 25c; ½ oz., 75c.

2852 Austin Frederick. Pure lavender.
2853 Barbara. Clear salmon pink.
2854 Colne Valley. Light clear blue.
2855 Commander Godsell. Violet-blue.

2856 Constance Hinton. Black seeded white.
2857 Crimson King. Rich ox-blood crimson.
2858 Daisybud. Delicate rose-pink.
2861 Dora. Bicolor, pink and white.
2862 Doris. Charming salmon-cerise.
2863 Gloriosa. Deep orange-scarlet.
2864 Hebe. The best clear pink.
2865 King White. Largest and finest white.
2866 Majestic Cream. Deep cream color.
2867 Picture. Cream pink suffused apricot.
2868 Ravenswing. Rich deep maroon.
2871 Renown. Large glowing carmine.
2872 Royal Purple. Rich rosy purple.
2873 Royal Scot. Brilliant scarlet.
2874 Tangerine Improved. Salmon-orange.
2875 Valentine. Lovely bluish pink.
 Each, pkt., 10c; oz., 40c.
2879 Collection: One pkt. of each of the above 20 splendid varieties, \$1.75.
2880 Choice Spencer Mixture. An endless variety of lovely colors. Pkt., 10c; oz., 25c; ¼ oz., 75c; lb., \$2.50.

Early or Winter-flowering Spencer

Sweet Peas

A recently developed class which is especially adapted for forcing in the greenhouse during winter and early spring. May also be sown outdoors in spring, and will bloom two to three weeks earlier than the standard summer sorts. The flowers are of true Spencer size and form.

2912 BLUE BOY. By far the best clear blue yet introduced.
2913 VULCAN. At last a non-burning scarlet; extra fine.
2914 SILVER BLUE. Light clear lavender blue.
2901 Christmas Carol. Clear salmon pink.
2902 Early Aviator. Large crimson.
2903 Early Heatherbell. Clear mauve-lavender.
2904 Early Hercules. Extra large rose pink.
2905 Early Meadow Lark. Deep cream color.
2906 Early Peace. Rose pink on cream.
2907 Early Snowflake. Best early white.
2908 Early Yarrowa. Rose-pink bicolor; the original early flowering Spencer Sweet Pea.
2911 Zvolanek's Rose. Bright rose pink.
 Each, pkt., 10c; oz., 65c.
2919 Collection: One pkt. of each of the above 12 colors, \$1.00.
2920 Choice Mixed Early-flowering Spencers. A blend of the early flowering varieties. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.



Triton-a—Red Hot Poker Plant.

3020 THUNBERGIA (Black-eyed Susan). AHH. Rapid-growing, slender climbers with dainty, black-eyed cream, yellow, and buff flowers. Excellent for porches-boxes. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

3030 TORENIA Fournieri. AT. Compact plants, covered with light blue flowers. Splendid for baskets. Height, 8 in. Pkt., 15c.

3040 TRITOMA hybrida mirabilis (Red-Hot-Poker Plant). PH. This new continuous-blooming Tritoma is a decided acquisition to any perennial garden. Bears tall, orange-scarlet spikes throughout the summer. Pkt., 15c.

3050 VALERIANA rubra (Centranthus ruber). PH. Tall spikes of sweet-scented red flowers. Blooms all summer. Height, 3 ft. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

3080 VERONICA spicata (Speedwell). PH. Thrifty border plants with long, blue flower-spikes in midsummer. Height, 2 ft. Pkt., 10c.

VINCA rosea (Periwinkle). PT. Handsome bedding plants, blooming the first summer from seed started indoors in February or March.

3091 Pure White. **3093 Rose with Red**
3092 White with Rose **Eye.**
Eye. **3094 Mixed.**

Each, pkt., 10c; $\frac{1}{4}$ oz., 40c.

3095 VIRGINIAN STOCK (Malcolmia maritima). AH. Dwarf plants blooming all summer; shades of white, pink, and rose. Pkt., 10c.

WALLFLOWER. PHH. Fragrant Old-Country border perennials, thriving best in cool, moist spots. Should be carried over winter in frames. Attractive shades of brown, coppery red, old-gold, etc.

3096 Single Early Paris. Blooms early the first summer from seed sown indoors in February or March. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

3097 Early Single, Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

3098 Double Mixed. All colors. Pkt., 25c.

TOOLS

Makeshift tools make gardening a drudgery, proper tools a pleasure. See pages 72 to 79 for high grade Tools, Sundries and Supplies.

VERBENA, Hybrida. AHH. Familiar low-spreading annuals with broad clusters of pretty fragrant flowers, popular for porch-boxes, carpet-beds, and borders. Start the seed indoors in February or March and set out in the garden, in a dry, sunny spot in late May, spacing the plants 12 to 15 inches apart. The following Mammoth strains bear flowers of the largest size, from early summer to frost.

3061 Mayflower. **3064 Scarlet.**
3062 Pink. **3065 Striped.**
3063 Purple. **3066 White.**

3070 Mixed.

Each, pkt., 10c; $\frac{1}{4}$ oz., 75c.

3069 Collection: One pkt. of each of the above 6 colors, 50c.

3067 Miss Willmot. Fine new pink. Pkt., 25c.

3071 erinoides (Moss Verbena). AH. Thick, mossy foliage and clusters of little lavender flowers. Pkt., 10c.

3074 venosa (Hardy Tuber Verbena). PHH. Treated same as dahlias, increases each year. Height, 1 ft. Pkt., 10c.

3072 Lemon Verbena (Lippia citriodora). PT. Not a true Verbena. Grown for its fragrant lemon-scented leaves. Pkt., 15c.

3073 Royal Bouquet. A superb new type of Verbena that, instead of trailing on the ground, grows upright in the form of a bush. Flowers same form and colors as old style and borne on long stems. Pkt., 35c; 3 pkts., \$1.00.

SERVICE

Bring us your gardening problems. We are always glad to help you with them whether they are large or small.



Verbena Hybrida.

GIANT DOUBLE COLOSSAL. Second only to the new Dahlia-flowered varieties in size, this fine, robust strain is ideal for bedding. Plants 2½ feet tall; flowers 4 to 5 inches in diameter.



New Mammoth
Dahlia-Flowered
Zinnia.

Zinnias AH

Zinnias are a great specialty with us and we take particular care to see that our stocks are the finest to be had. Our strains are grown especially for us by the originator of the famous Dahlia Flowered type, in spite of the fact that we could get them cheaper from other sources. That our care has not been in vain is proven by the hundreds of complimentary reports we received on our Zinnias during the past summer and fall.

Zinnias are justly the most popular flower of today. They are easy to grow, require no staking and for brilliant color effect cannot be equalled. Zinnias require only a sunny spot in ordinary soil and an occasional weeding to reward you with an abundance of bloom from midsummer until late fall.

NEW MAMMOTH DAHLIA-FLOWERED.

This wonderful new class is named from the resemblance of the flowers to the big double decorative dahlias. Flowers often measure 6 inches in diameter and 3 inches in depth. Plants broad and robust. Height, 3 ft.

- 3100 **Canary Bird.** Light canary-yellow.
 3101 **Dream.** Deep lavender, shading to purple. Unique.
 3102 **Exquisite.** Light rose, blending to deep rose in the center.
 3103 **Golden State.** Rich yellow, changing to orange.
 3104 **Old Rose.** Just as the name implies.
 3105 **Polar Bear.** Best pure white yet seen in Zinnias.
 3106 **Scarlet Flame.** Bright scarlet, with a blending of orange.
 3107 **Oriole.** Immense gold and orange bicolor. Magnificent.
 3108 **Crimson Monarch.** Enormous crimson-scarlet; largest of all Zinnias.
 Each, pkt., 25c; ¼ oz., \$1.15; ¼ oz., \$2.00.
 3109 **Collection:** One pkt. of each of the above 9 varieties, \$1.75.
 3110 **Choicest Mixed.** All colors. Pkt., 20c; ¼ oz., 75c.

- 3130 **Apricot-Buff.**
 3131 **Blush-Pink.**
 3132 **Crimson.**
 3133 **Deep Flesh.**
 3134 **Golden Yellow.**
 3135 **Lavender.**
 3136 **Orange.**
 3137 **Scarlet.**
 3138 **White.**
 3140 **Choice Mixed.**
 Each, pkt., 15c; ¼ oz., 50c.

3139 **Collection:** One pkt. of each of the above 9 varieties, \$1.00.

DWARF DOUBLE FLOWERING. Plants rounded and bushy, 1½ feet high, with large, deep flowers. Fine for dwarf beds.

- 3141 **Bright Scarlet.** 3144 **Salmon-Rose.**
 3142 **Canary-Yellow.** 3145 **White.**
 3143 **Golden Yellow.** 3150 **Choice Mixed.**
 Each, pkt., 10c; ¼ oz., 35c.

3149 **Collection:** One pkt. of each of the above 5 varieties, 40c.

3151 **Curled and Crested.** Large, double flowers, with curiously twisted and curled petals. Height, 2 ft. Pkt., 10c; ¼ oz., 40c.

3152 **Mexicana.** Small double yellow or orange flowers, marked with purplish brown. Height, 12 to 15 in. Pkt., 15c; ¼ oz., 50c.

3153 **Red Riding Hood.** Plants 1½ feet tall, covered with small double scarlet flowers. Pkt., 10c; ¼ oz., 35c.

3155 **Picotée Mixed.** A distinct type same size and shape as the giant Zinnias but each petal is tipped with a contrasting color. Pkt., 15c; ¼ oz., 75c.

Wild Garden Mixture

We have had so many calls for something in flowers that could just be scattered and raked in odd spaces to give a wild-flower-garden effect that we have made up a tall and a dwarf mixture especially for this purpose. These mixtures contain a large assortment of the various annual flowers that will grow and bloom with little or no care.

If possible, the ground should be spaded, the seed scattered and raked in; good results are, however, obtained by scratching the soil as deeply as possible with a steel rake and then scattering the seeds.

3300 **Dwarf Wild Garden Mixture.** Pkt., 10c; ½ oz., 25c; oz., 40c.

3301 **Tall Wild Garden Mixture.** Pkt., 10c; ½ oz., 25c; oz., 40c.

Best Flowers for Bedding

Antirrhinum	Fansy
Aster	Petunia
Eschscholtzia	Phlox
Four O'clock	Poppy
Helichrysum	Salvia
Larkspur	Scabiosa
Marigold	Verbena
Nasturtium	Zinnia



Decorative Dahlia.

Dahlias

The present great popularity of Dahlias is well deserved. They have a beauty and variety of form and color unequaled by any other flower and are adaptable to practically all garden schemes from a single plant in a small garden to veritable hedges in the more expansive gardens. Even beginners have wonderful results, while the more experienced gardeners are amply repaid by the additional size and beauty of blooms resulting from their expert care and attention. Dahlias are easy to grow in almost any soil, the two main requirements being plenty of sunlight and water.

PREPARING THE GROUND. Dahlias delight in a light, friable, loamy soil, enriched with well-rotted stable manure. Spade the ground full depth of the top soil and be sure that manure is thoroughly mixed with soil.

PLANTING. Tubers may be started indoors in boxes in April for later transplanting or planted outdoors from about the middle of May to the end of June. Lay the tubers flat, about 6 inches deep and 2 to 3 feet apart in the row.

GROWING. Do not permit more than two or three shoots to grow from a root, and when shoots are 2 feet high, pinch out the centers to promote branching growth.

FOR EXHIBITION. Permit only a single stem to grow from a root and cut off about half the lateral branches. Treated in this manner the plant will not only give larger flowers but they will all have full centers.

CURING AND STORING. When the foliage has been killed by Fall frosts, dig the roots, shake off as much soil as possible, and cut off all but 2 to 3 inches of the stems. Store the roots in a cool, dry place, stems down. It is not necessary to cover them with soil or ashes. We offer only standard divisions of dormant tubers.

FROM SEED. Dahlias are as easy to raise from seed as cabbage or tomatoes, and many interesting and profitable varieties may be produced. We offer seed of the choicest varieties on page 39.

10 Prize Winning Dahlias

Look over the following list of what we consider ten of the finest Dahlias in existence. From Amun Ra to U. S. A. they represent the utmost in Dahlia perfection, not only in size of bloom but in coloring, robust growth, and strength of stem. All tubers have been carefully cut from field-grown clumps that have not been forced.

Amun Ra (The Sun God). (Decorative). Immense blooms, exquisitely formed. Flowers are borne well above the deep green foliage on long, sturdy stems. A delightful blending from copper-orange on the outer petals to rich, reddish bronze at the center. \$1.50 each.

Felix (Hybrid Cactus). 1927 novelty and one of the finest. Flowers are large and borne on good strong stems. Color violet overlaid Tyrian rose with velvety sheen. \$1.00 each.

Gladys Sherwood (Hybrid Cactus). We consider this the finest white Dahlia. Flowers are of largest size, pure white, borne on long stems and keep for a long time in water. \$1.25 each.

Mrs. Nat. Slocombe (Decorative). One of the finest soft yellows we have seen. Flowers are of perfect form and borne on long stems. Holds up well in water. \$1.00 each.

Jersey Beauty (Decorative). The finest pink Decorative Dahlia ever introduced. Color is a rich clear glowing pink. Flowers are of large size and held erect on long, strong stems. \$3.00 each.

Judge Marean (Decorative). Extra large but perfect in shape. Plants are very sturdy and bear their flowers on long stems. Color is a superb blending of red, orange and gold. \$1.25 each.

Mephistopheles (Decorative). One of the largest and strongest growing Dahlias in existence. Color is a rich glowing scarlet. \$1.00 each.

Mrs. I. De Ver Warner (Decorative). Clear orchid or mauve-pink, and one of the most satisfactory of the large Decorative Dahlias to grow either for exhibition or for cut flowers. \$1.00 each.

Paul Michael (Decorative). A fine variety for exhibition; flowers very large with curled petals. Color gold shading to orange-buff. \$1.00 each.

U. S. A. (Decorative). Magnificent blooms borne on long stems above the foliage. The large flowers are a striking blending of orange and gold. \$1.50 each.

SPECIAL COLLECTION OFFER

10 Prize Winning Dahlias for \$10.00.

This collection consists of one strong tuber of each of the above Prize Winning Dahlias. Each tuber under name, \$10.00, postpaid.

DAHLIA STAKES

It is advisable to place Dahlia stakes at the same time as planting the tubers. This eliminates any chance of injuring the tubers, as is often the case when stakes are put in after the plants are partly grown. See page 77.

10 Beautiful Cactus Dahlias

The Cactus type has full double flowers but with long, narrow, quill-like petals.

Beloit. Rich, deep royal purple. Large flowers and long, strong stems. 50c each.

Bronze King. The best Cactus Dahlia of this color. Rich, glowing bronze. 50c each.

Edith Cavell. Very large, pure orange flowers. Free blooming. 50c each.

F. W. Fellows. Deep coral-red with very narrow petals. Large flowers on long stems. 50c each.

Geo. Walters. Salmon shaded shrimp-pink. One of the most popular Cactus Dahlias. 50c each.

Kalif. Pure scarlet flowers, frequently measuring nine inches across. 50c each.

Margaret Bouchon. Soft rose-pink with white centers and petals, tipped with white. 50c each.

Mrs. C. H. Breck. Fine canary-yellow suffused pink. Free blooming and fine for cut flowers. 50c each.

Nibelungenhort. Old rose suffused gold. Petals broad and curled and twisted. 50c each.

Springfield. An improvement on that old favorite, Countess of Lonsdale. Salmon-pink and amber. Excellent cut flower. 50c each.



Cactus Dahlias.

10 Showy Decorative Dahlias

The largest Dahlias are found in this class. Flowers are full double with broad, flat petals. See opposite page for newest varieties.

Azalea. Extra large, soft canary-yellow blending into pink on the outer row of petals. 50c each.

American Beauty. Wine crimson, the largest Dahlia of this color. 35c each.

Catherine Wilcox. Medium size, white tipped cerise. A very dainty bloom. 75c each.

Dakota. Coral-red suffused copper. One of Judge Marean's introductions. 75c each.

Darlene. A very free blooming shell-pink with white center. 35c each.

Jane Shelby. Rich clear deep pink. Flowers are large and good form. 50c each.

Lucera. Brownish buff shaded autumnal bronze. Long stems and good for cutting. 35c each.

Mrs. Carl Salbach. One of the best for exhibition. Rich lavender-pink slightly suffused white, extra large blooms. 50c each.

Millionaire. Lavender overcast shrimp-pink. Fine for exhibition. 50c each.

Mammoth. Flowers of good size borne on long stems. Turkey red. 50c each.

SPECIAL COLLECTION OFFER

10 Beautiful Cactus Dahlias for \$4.00.

This collection consists of one strong tuber of each of the above Cactus and Hybrid Cactus Dahlias. Each tuber under name. \$4.00, postpaid.

Choice Peony-Flowered Dahlias

Billionaire. Real old gold color. One of the largest of the Peony-flowered type. 50c each.

Faust. Free blooming velvety maroon. 35c each.

Meyerboer. Rich velvety purple; under thorough culture flowers are 11 inches across. 50c each.

Mrs. George Gordon. Creamy white. Excellent for cutting. 50c each.

SPECIAL COLLECTION OFFER

12 Free-Flowering Dahlias for \$4.00

This special offer contains one strong tuber of each of the following varieties. All are strong growing and free flowering.

Bertha Horne	Mammoth
Dakota	Mary C. Burns
Dorothy Robbing	Millionaire
Elsie	Minimoto.
Felix	Mrs. Carl Salbach
George Warner	Pride of California

Each tuber under name and carefully packed. \$4.00, postpaid.

SPECIAL COLLECTION OFFER

10 Showy Decorative Dahlias for \$4.00.

This collection consists of one strong tuber of each of the above Decorative Dahlias. Each tuber under name. \$4.00, postpaid.

Show or Ball Dahlias

A. D. Livoni. Beautiful soft pink flowers, perfectly formed. 35c each.

Mary C. Burns. Old gold with backs of petals red. 50c each.

Maude Adams. Pure snow-white, overlaid with delicate pink. 35c each.

B. S. & B. Co.'s Supreme Gladiolus



Anna Eberius.

Loveliest of summer-blooming bulbous flowers for cutting, and also very effective when used in mixed borders and among shrubbery. Gladiolus are very easy to grow, and, while fertile, moist soil will give best results, they will thrive and bloom in practically any garden soil.

Plant any time from mid-April to the end of June; in fact, we advise that planting be extended over this entire period, so that a succession of bloom may be had from July until frost. Plant bulbs 4 to 5 inches deep, 6 to 8 inches apart. Cultivate frequently, but not too deeply, during the growing season.

Before the ground freezes in the fall, dig the bulbs and let them dry in the sun for several days. When the tops are dry, cut them off about 1/2 inch from the bulb and remove the old bulb from the bottom. Store in a cool, dry place where the temperature does not go below freezing.

Ten New and Splendid Gladiolus

If you want something out of the ordinary, something that will make your gardening friends and neighbors "sit up and take notice," you should buy at least one, and, if possible, some of all of the following varieties. Every one is the king of its class and as a whole they make a combination that is unsurpassed.



Golden Measure.

Special Collection New and Splendid Gladiolus

A few new Gladiolus added to your collection each year will keep it up to date. The varieties listed on this page are all novelties of proven merit, each the best in its class. As a special inducement we are offering the following collections all strictly first size bulbs, 1 1/2 inches and up at a considerable reduction in price.

1 each of the Ten Varieties (10 Bulbs).....	\$1.25 postpaid
6 each of the Ten Varieties (60 Bulbs).....	6.50 postpaid
12 each of the Ten Varieties (120 Bulbs).....	12.00 postpaid



Mrs. Dr. Norton.

Anna Eberius. Deep velvety purple, with reddish purple blotch on lower petals. 12c each; \$1.15 per doz; \$8.00 per 100.

Byron L. Smith. Exquisite lavender-pink on white ground. Lower petals slightly deeper in color. 15c each; \$1.50 per doz.; \$10.00 per 100.

Crimson Glow. Glowing scarlet crimson shaded darker in the center. Large flowers nicely placed on the spike. 12c each; \$1.15 per doz.; \$8.00 per 100.

E. J. Shaylor. Clear rose-pink. Flowers are ruffled and evenly spaced on long stems. 12c each; \$1.15 per doz.; \$8.00 per 100.

Golden Measure. By far the finest yellow Gladiolus. Flowers are large, and rich golden yellow with no blotches. 18c each; \$1.75 per doz.; \$12.00 per 100.

Leibesfeuer. Bright glowing scarlet. Large flowers evenly spaced on long stems. 15c each; \$1.50 per doz.; \$10.00 per 100.

Louise. Clear lavender-purple. The finest of all lavenders. Large flowers on strong spikes. 15c each; \$1.50 per doz.; \$10.00 per 100.

Mrs. Dr. Norton. White suffused and edged with delicate pink. Sulphur blotches on lower petals. 12c each; \$1.15 per doz.; \$8.00 per 100.

Rose Ash. Beautiful old rose color suffused with pink and red. Large flowers on tall spikes. 18c each; \$1.75 per doz.; \$12.00 per 100.

Twilight. Ruffled. Buff flaked pink on the edges with delicate primrose and pink throat. 18c each; \$1.75 per doz.; \$12.00 per 100.



Louise.

10 Brilliant Gladiolus For Your Garden

Our standard named varieties of Gladiolus are of the finest quality obtainable, all strictly first sized bulbs.

- America.** Large flowers of clear lavender-pink, borne on strong stems. 6c each; 60c per doz.; \$4.00 per 100.
- Baron Hulot.** Rich deep indigo-blue flowers of medium size on long spikes. 12c each; \$1.15 per doz.; \$8.00 per 100.
- Empress of India.** Rich dark glowing maroon—almost black. 12c each; \$1.15 per doz.; \$8.00 per 100.
- Halley.** Bright salmon-rose with creamy blotch on lower petals. 7c each; 70c per doz.; \$5.00 per 100.
- Mrs. Francis King.** A pleasing shade of light scarlet, blending into salmon at the throat. 7c each; 70c per doz.; \$5.00 per 100.
- Mrs. Frank Pendleton, Jr.** Exquisite salmon-pink, blotched with red in the throat. 9c each; 90c per doz.; \$6.00 per 100.
- Niagara.** Large flowers of a delightful creamy yellow, the throat splashed with carmine. 10c each; \$1.00 per doz.; \$7.00 per 100.
- Peace.** Pure glistening white, with a few purple-carmine stripes on the lower petals. 9c each; 90c per doz.; \$6.00 per 100.
- Schwaben.** Pure canary-yellow, with center blotched brownish carmine. Massive spikes. 9c each; 90c per doz.; \$6.00 per 100.
- War.** Deep blood red shading to crimson. Many flowers open at a time. 12c each; \$1.15 per doz.; \$8.00 per 100.

B. S. & B. Co's Supreme Collection of Beautiful Gladiolus

The six varieties included in our Supreme Collection, give you a brilliant array of the most charming shades.

Alice Tiplady. Mrs. Francis King.
Baron Hulot. Peace.
Halley. Schwaben.

2 each of above 6 varieties (12 bulbs)	\$0.85
6 each (36 bulbs)	2.50
12 each (72 bulbs)	4.50
25 each (150 bulbs)	9.00

Delivered postpaid to your address.

B. S. & B. Co's Select Mixture

A superb mixture of the standard type of Gladiolus composed of strictly first-size bulbs. A great variety of shades and colors are included, many of the newer varieties being represented. We make a careful check each year in the growing fields to be sure that this mixture contains a wide range of varieties and that no one color predominates. 60c per doz.; \$4.00 per 100; \$35.00 per 1000.

Primulinus Gladiolus

The Primulinus varieties differ from the old type in size of bloom, for they are smaller but at the same time the individual blooms are more finely formed and more gracefully spaced on the stem. They are fine in the garden and very useful cut flowers, as they are especially adapted for mixed bouquets.

- Alice Tiplady.** Flowers are soft coppery bronze and gracefully placed on long stems. 12c each; \$1.15 per doz.; \$8.00 per 100.
- Maiden's Blush.** Clear pink, mottled darker, with crimson blotch on lower petals. 12c each; \$1.15 per doz.; \$8.00 per 100.
- Souvenir.** Best and largest yellow Primulinus. 12c each; \$1.15 per doz.; \$8.00 per 100.

Miscellaneous Bulbs

- BEGONIAS, Tuberous Rooted, Giant Double.** These are becoming more popular each season, both as pot plants and for outdoor bedding in partially shaded locations. Start tubers indoors late in April, transplant later, 1 foot apart, to a richly manured bed, which should be kept moist at all times. All colors mixed. 35c each; \$4.00 per doz.
- CALADIUM esculentum (Elephant Ear).** Impressive foliage plants, growing to enormous size. Plant in May. Extra-large bulbs, 9x11 in., 20c each; \$2.00 per doz.; \$15.00 per 100.
- CALLA, Golden Yellow (Richardia Elliottiana).** Excellent for pot plants or summer bedding. Plant outdoors after danger of frost is over. Lift bulbs in the fall after frost has cut down the foliage. 50c each; \$5.00 per doz.
- CINNAMON VINE.** Hardy, rapid-growing vine, with bright green foliage and clusters of small, white, fragrant flowers. Large roots, 10c each; \$1.00 per doz.
- GLOXINIA.** Charming summer flowering bulbous plants for the window, garden or conservatory. Mixed colors, 35c each; \$4.00 per doz.
- ISMENE (Peruvian Daffodil).** Large, white fragrant flowers, resembling amaryllis. Slender green foliage. 20c each; \$2.00 per doz.
- MADEIRA VINE.** An old-fashioned vine. Light green leaves and small white flowers with delicate fragrance. 10c each; \$1.00 per doz.
- OXALIS.** Summer-blooming. Charming little border plants. Mixed colors. Mammoth bulbs, 30c per doz.; \$2.00 per 100.
- TUBEROSE, Double Pearl.** Start indoors in March, or in the open in May. Flowers waxy-white and very fragrant. Mammoth bulbs, 7c each; 65c per doz.; \$4.50 per 100.

Cannas

See page 62 for complete list.

Hardy Garden Lilies

Most of the Lilies make stem roots near the surface and for this reason they should be planted among other plants or mulched with about 3 inches of lawn clippings or Peat Moss during the summer to protect the roots from the rays of the sun. Lilies are perfectly at home in the shrubbery or perennial border; however, the flower spikes should have access to the sun. Cover stem rooting kinds about three times their greatest diameter, placing a quantity of sand at the base of the bulb to insure good drainage.

- Auratum.** Flowers ivory-white, striped with a band of golden yellow and studded with crimson spots. 9x11 size, 45c each; \$4.50 per doz. 11x13 size, 65c each; \$6.50 per doz.
- Henryl.** One of the best of the hardy lilies. Rich, orange yellow, slightly spotted reddish brown. Select bulbs, 75c each; \$7.50 per doz.
- Speciosum Album.** Large, white, fragrant flowers, with a greenish band through the center of each petal. 65c each; \$6.50 per doz.
- Speciosum Rubrum.** The flowers are rosy white, shaded and spotted with crimson. 9x11 size, 45c each; \$4.50 per doz. 11x13 size, 65c each; \$6.50 per doz.
- Tigrinum Splendens (The Giant Tiger Lily).** Large double, orange-red flowers spotted with black. Large bulbs, 30c each; \$3.00 per doz.



Bed of Cannas.

Brilliant Cannas

Due to great improvements made in recent years, Cannas have become very popular for large beds and mixed borders. The foliage is quite ornamental and the blooms make a mass of color from July until frost.

Start the roots indoors in pots in early March and plant in their permanent position about the middle of May; or the roots may be planted in the place where they are to bloom in early May. Set plants $1\frac{1}{2}$ to 2 feet apart in a sunny location.

Dig roots after first the killing frost, cut off the foliage, and store in a cool, dry place over Winter.

City of Portland. (Green foliage). Beautiful glowing pink. 4 feet. 15c each; \$1.50 per doz.; \$10.00 per 100.

Eureka. (Green foliage). The finest white Canna ever introduced. Flowers open cream but gradually turn pure white. 4 feet. 13c each; \$1.25 per doz.; \$9.00 per 100.

Fiery Cross. (Green foliage). Large, vivid scarlet flowers borne well above the foliage in almost endless succession. 4 feet. 15c each; \$1.50 per doz.; \$10.00 per 100.

Florence Vaughan. (Green foliage). Flowers yellow, dotted crimson. $4\frac{1}{2}$ feet. 12c each; \$1.15 per doz.; \$8.00 per 100.

King Humbert. (Bronze foliage). Wonderfully effective. Large, orange-scarlet flowers and heavy, purplish bronze leaves. 5 feet. 13c each; \$1.25 per doz.; \$9.00 per 100.

Mrs. Alfred F. Conard. (Green foliage). The strongest growing and largest flowered pink Canna. Flowers are clear pink and retain their color well. 15c each; \$1.50 per doz.; \$10.00 per 100.

Souvenir de Anton Crozy. (Green foliage). An old variety but very desirable. Flowers are flaming red with a narrow but well defined border of rich yellow. 3 feet. 12c each; \$1.15 per doz.; \$8.00 per 100.

Statue of Liberty. (Bronze foliage). One of the strongest growing and largest flowered Cannas. Flowers are brilliant red traced with orange and orchid-shaped. 7 feet. 15c each; \$1.50 per doz.; \$10.00 per 100.

The President. (Green foliage). The finest of all the reds. Enormous, rich scarlet flowers; strong plants; clean heavy foliage. 4 feet. 13c each; \$1.25 per doz.; \$9.00 per 100.

Wintzer's Colossal. (Green foliage). Orchid-flowering Canna with immense flame-scarlet flowers. The largest flowering Canna. 5 feet. 15c each; \$1.50 per doz.; \$10.00 per 100.

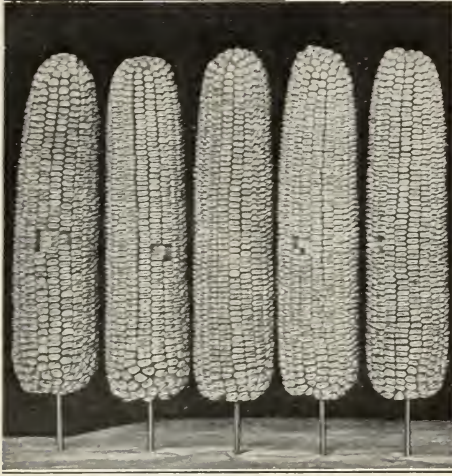
Yellow King Humbert. (Green foliage). A sport from the red King Humbert. Flowers are large and orchid-shaped. Color yellow dotted orange-scarlet. $4\frac{1}{2}$ feet. 13c each; \$1.25 per doz.; \$9.00 per 100.

Evergreen Lawn Seed

A rich, deep green lawn is necessary to set off flowers to their best advantage. Our lawn seeds are of the finest quality, as we use only the finer leaved grasses in our mixtures and to insure even distribution of all varieties we mix only a small quantity at a time. Full directions for preparing new lawns and care of old ones, together with a complete list of mixtures and prices on same will be found on inside front cover page of this catalog.

Highest Quality Farm Seeds

The following stocks of Farm and Field Seeds have all been carefully selected for purity, vigor, high yield, and adaptability to conditions in this part of the country. They conform in all respects with the State Seed Law. The market prices on all field seeds frequently change. We will be pleased to quote you latest prices by return mail, on receipt of your inquiry.



Typical Ears of Our Selected Corn.

Seed Corn

HIGH YIELD STRAIN

Shelled from selected ears, tips and butts removed, carefully graded and cured. High germination. Prices on application.

Golden Surprise. An especially fine, sure, early ripener, with long, slender cob and deep golden yellow dent grains. A good producer under all conditions and highly recommended.

Improved Leaming. Large, tapering ears. 8 to 10 inches long; medium sized red cob. Ripens in 100 to 110 days. A reliable variety for both grain and ensilage.

Lancaster County Sure Crop. An extra large-eared Corn of Leaming type. Early and a heavy yielder of ears filled with long, narrow, bright yellow grains. The foliage is leafy and the stalks average 8 to 10 feet in height.

Reid's Yellow Dent. Select strain of this well known heavy producing sort. Large, blunt ears filled with bright yellow kernels. Best on good soils. Medium early.

Ensilage and Fodder Corn

Red Cob. A vigorous variety with strong stalks and broad leaves. Pure white grains and red cob. Reliable.

Eureka (Virginia grown). The tallest and most leafy of the Ensilage Corns. Late maturing but will make more ensilage and fodder than any other sort. Ears long and slender; grains and cob white.

CROW REPELLENT

Absolutely prevents crows from pulling Corn. ½ pt., \$1.00; pt., \$1.50.

FARMOGERM

Use on Cow Peas, Soy Beans and Vetch to increase the yield and improve the soil. See page 71.

Miscellaneous Grains

Seed Oats

Mammoth Cluster. A side or horse-mane variety unsurpassed for feeding. Heads are compact, cluster type, filled with large, plump grains with thin hulls. Straw is stiff and thick walled, making it free from lodging and is not subject to blight or rust.

Swedish. Branching type. Splendid, heavy yielding Oat with very strong straw. Heads are large, well loaded with plump white grains.

Victory. This splendid white branching Oat is of Swedish origin. Straw is good length, stands up well, and has a strong root system. Heads are well filled with grain of the finest quality for milling or feeding purposes.

Barley

Wisconsin Six-Bow. The quality is unequalled. Long, large heads. Heaviest yielder of all.

Millet

Golden. High feeding value and good milk-producing qualities. Makes an excellent catch crop after early grains.

Soy Beans

Valuable for hay, ensilage and green manure.

Ito San. Medium early; best for seed and ensilage.

Medium Green. Medium early; best for hay.

Mammoth Yellow. Late; vigorous; best for plowing under.

BROOM CORN. Drought resisting; thrives in any soil that will grow Corn.

BUCKWHEAT, Japanese. The earliest and most productive variety.

FIELD PEAS, Canadian. Usually sown with oats for cutting as hay when green. Very nutritious and good for the soil; also used for turning under.

RAPE, Dwarf Essex. Of high feeding value as a pasture crop for hogs, sheep and cattle. Can be sown in early Spring or Fall.

SPRING RYE. Used quite often as a profitable catch crop in case of failure of Winter grains.

SPRING WHEAT, Marquis. The best variety, and a heavy yielder.

SUDAN GRASS. Valuable for its adaptability to a wide range of soils and climates. An excellent quick growing hay and forage crop.

WINTER or HAIRY VETCH. For hay or forage and for turning under. Sow with oats in the Spring or with rye in the Fall.

Cow Peas

Rank growers, making excellent forage and green manure.

New Era. Early; heavy seed producer; fine forage.

Whippoorwill. Vigorous; best for plowing under.

Grass and Clover Seeds

All the seeds offered are of the highest purity and vitality, and are grown in the best producing sections. We shall be glad to forward samples on request. Prices are subject to market changes. Write for latest prices when ready to order.

Hay and Turf Grasses

All Highest Grade, Recleaned Stocks.

Canadian Blue Grass (*Poa compressa*). Tougher and a little smaller than Kentucky Blue Grass but thrives everywhere, even on poor, slightly acid soils. An excellent bottom grass for pastures. Lb., 50c; 10 lbs., \$4.00; 100 lbs., \$35.00.

Kentucky Blue Grass (*Poa pratensis*). The most valuable of our natural grasses; a true perennial, improving year after year. Fine for pasture and largely used for lawns. Lb., 50c; 10 lbs., \$4.00; 100 lbs., \$35.00.

Orchard Grass (*Dactylis glomerata*). A hardy, quick growing grass that gives a large yield of excellent hay, and may be cut several times during the season. Does well on a variety of soils and in slightly shaded locations. Lb., 40c; 10 lbs., \$3.25; 100 lbs., \$27.50.

Red Top (*Agrostis vulgaris*). Extra recleaned. Fancy hulled seed. A vigorous, spreading turf, pasture and hay grass, thriving on both dry and damp sub-acid soils. Lb., 55c; 10 lbs., \$4.50; 100 lbs., \$40.00.

Timothy (*Phleum pratense*). The most widely grown and profitable hay grass. Its nutritive value is increased by sowing one of the clovers or Red Top with it. If sown alone, 15 pounds per acre. Write for prices.



Red Clover.

Miscellaneous Grasses for Special Purposes

Creeping Bent (*Agrostis stolonifera*). Chiefly used for putting greens. Our strain is the pure South German Bent so difficult to obtain in recent years. Lb., \$1.50; 10 lbs., \$14.00; 100 lbs., \$125.00.

Crested Dog's Tail (*Cynosurus cristatus*). Used in lawns and pastures; does well in shade. Lb., 90c; 10 lbs., \$8.00; 100 lbs., \$75.00.

English Rye Grass, Pacey's (*Lolium perenne* Pacey). Used for quick lawns but in this section is not perennial. Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$25.00.

Italian Rye Grass (*Lolium italicum*). Makes quick pasture and is occasionally used as a nurse crop for finer grasses. Lb., 35c; 10 lbs., \$2.75; 100 lbs., \$22.50.

Red Fescue (*Festuca rubra*). For putting greens and lawns; should be mixed with other varieties. Lb., 60c; 10 lbs., \$5.00; 100 lbs., \$45.00.

Sheep's Fescue (*Festuca ovina*). Used on fair greens and in mixtures. Lb., 50c; 10 lbs., \$4.00; 100 lbs., \$35.00.

Wood Meadow (*Poa nemoralis*). Does well in shady places. Lb., 90c; 10 lbs., \$8.00; 100 lbs., \$75.00.

Special Grass Seed Mixture for Hay. Sow 50 lbs. per acre. 10 lbs., \$3.25; 100 lbs., \$27.50.

Special Grass Seed Mixture for Pasture. Sow 50 lbs. per acre. 10 lbs., \$3.25; 100 lbs., \$27.50.

Highest Grade Clovers

The recently enacted Federal Seed Act provides that all imported seed of **Red and Alfalfa Clover** be artificially stained in the following manner:

- No. 1. Unadapted for general use in this country, must be stained 10% Red.
- No. 2. Adapted for general use in this country, must be stained 1% Green. (Except Canada grown).
- No. 3. Adapted for general use in this country (Canada grown) must be stained 1% Violet.
- No. 4. No stain is required on American grown Clover.

Alfalfa. Purest northwestern grown seed only. The most valuable hay crop and soil enricher. Requires well drained, limestone soil and should be inoculated with Farmogerm. Sow in Spring or late Summer, 20 lbs. to the acre.

Alsike. Excellent hay Clover, thriving on poorly drained and slightly acid soils. Sow in early Spring, 6 to 8 lbs. per acre.

Crimson. A quick growing annual Clover, used on light soils as a green manure. Sow 12 to 15 lbs. per acre.

Medium Red. The old standby and one of the most valuable for hay, pasture, and green manure. Thrives best on well drained, sweet soil. Sow 10 to 15 lbs. per acre.

Mammoth Red. Grows larger, yields heavier, and is a little hardier, particularly on damp soils, than the common Medium Red. Matures with Timothy. Sow 10 to 15 lbs. per acre.

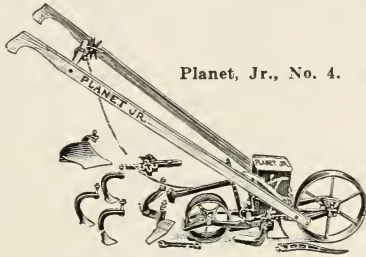
Hubam or Annual White Sweet. A strain of White Sweet Clover that produces a large yield of good hay in one season. Excellent for bees and a good soil enricher.

White Sweet Clover. Biennial; makes good hay and forage; thrives on poorer soil than any other Clover and is considered the greatest of all soil enrichers. For hay, sow 12 to 15 lbs. per acre.

White Dutch Clover. Excellent for lawns and pastures.

In ordering Hay and Pasture Mixtures, please state if for well drained, wet or dry soil.

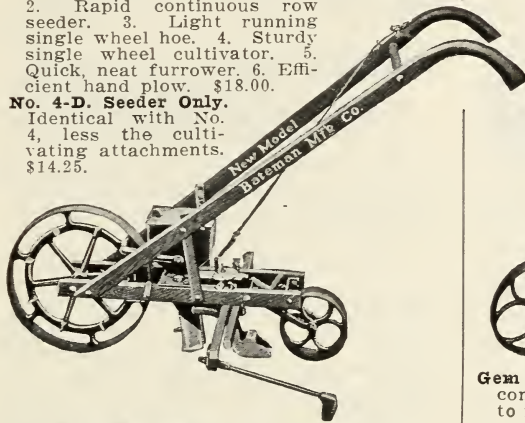
Hand Cultivators and Seeders



Planet, Jr., No. 4.

No. 4 Hill and Drill Seeder and Single Wheel Hoe. Combines 6 complete tools in one machine: 1. Accurate hill seeder. 2. Rapid continuous row seeder. 3. Light running single wheel hoe. 4. Sturdy single wheel cultivator. 5. Quick, neat furrower. 6. Efficient hand plow. \$18.00.

No. 4-D. Seeder Only. Identical with No. 4, less the cultivating attachments. \$14.25.



Iron Age New Model Seed Drill. The feature of the swinging cut-off saves both seed and time and stops the flow of seed instantly, thus preventing loss at the ends of the rows. The marking device can be operated from either side and adjusted for rows up to 20 inches wide. Wheel 14½ inches high, with a wide rim. \$13.00.



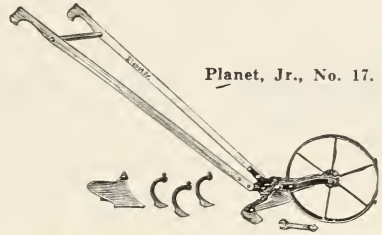
Planet, Jr., No. 12.

No. 12 Double and Single Wheel Hoe. One of the most popular time and labor saving Wheel Hoes. Can be used profitably by man, woman or child in the home or market garden or farm. \$10.75.

Seeder, Midget. A popular little seeder weighing only 6 pounds. All metal; extremely light and easy to handle. \$4.00.

Seed Sower, Broadcast, Cahoon. Used for broadcasting clovers, blue grass, red top, wheat, and other seeds of like nature. \$5.00.

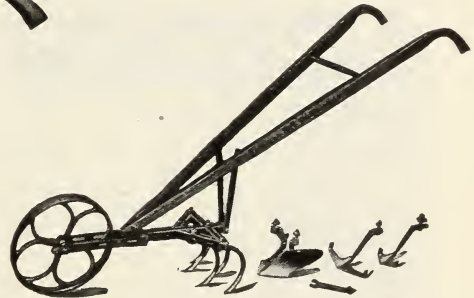
Corn Planter, Automatic. Used in one hand like walking stick. Disc is set for correct number of kernels, planter is plunged into ground, rocked forward and withdrawn. Automatic spring rotates disc and fills same for next hill. \$2.50.



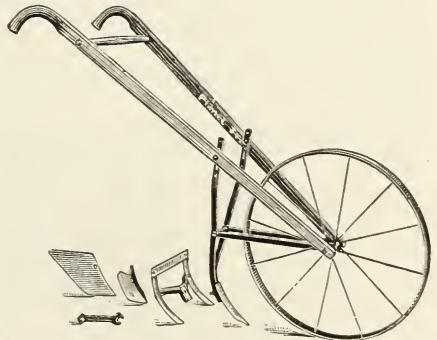
Planet, Jr., No. 17.

No. 17 Single Wheel Hoe. Many users prefer this Single Wheel Hoe to the Double Wheel style on account of it being lighter in weight for steady work in the market garden or onion field. Equipment as shown. \$7.75.

No. 18 Single Wheel Hoe. Same as No. 17, with side hoes only. \$5.75.



Gem Single Wheel Hoe. The Gem is light, compact, and has the necessary strength to make it durable. The wheel and handle can be adjusted to meet the height of the operator. Working tools include 5 teeth, 2 sizes of scuffle hoes, and 2 plows. \$8.00. Can also be furnished with the 5 teeth only. \$7.00.



No. 20 Single High Wheel Cultivator. A handy and efficient cultivator. The handles can be instantly adjusted to suit the operator's height, or to regulate the depth of cultivation. \$4.50.

ATTACHMENTS FOR CULTIVATORS

Teeth—Planet Jr. 35c.	Iron Age	.....	\$0.45
Disc Hoes.	Per pair	.....	3.50
Flows.	Each	.....	1.30
Rakes.	Per pair	.....	1.60
Rakes and Hoe Combined.	Each	.....	1.00
Scuffle Hoes.	Each	.....	1.25
Side Hoes—Planet Jr.	Per pair	.....	1.30
Iron Age.	Per pair	.....	1.75

Insecticides and Fungicides

**POISONOUS AND LIQUID INSECTICIDES
CANNOT BE SENT BY MAIL**

Ant Destroyer. Effective powder for destroying ants, roaches, etc. $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.



Aphine. One of the best remedies for aphids, or red spider. $\frac{1}{4}$ pt., 25c; $\frac{1}{2}$ pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00.

Ansect. An efficient and powerful spray primarily for the Rose Bug but also effective against Aster Beetle and other garden insects. $\frac{3}{4}$ pt., 30c; pt., \$1.00; qt., \$1.75; gal., \$6.00.

Arsenate of Lead, Paste. The standard spray for all leaf-eating insects. Lb. jar, 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.00; 50 lbs., \$8.50; 100 lbs., \$14.50.

Arsenate of Lead, Powder. For dusting. $\frac{1}{2}$ lb., 30c; lb., 50c; 4 lbs., \$1.50; 25 lbs., \$8.00; 100 lbs., \$22.00.

Black Leaf 40
40% Nicotine

Kills
Aphis

Black-Leaf 40. Nicotine sulphate; contact spray for sucking insects. Oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.50.

Bordeaux Powder. For blights, mildews, rusts, etc. $\frac{1}{2}$ lb., 20c; lb., 35c; 4 lbs., \$1.25.



Bug Death. Reliable powder insecticide, contains no Arsenic or Paris Green. Effective against leaf eating bugs and worms. Lb., 20c; 3 lbs., 45c; 12 $\frac{1}{2}$ lbs., \$1.40.

Bug Death, Aphis. Effective powder for aphis. 12-oz. pkg., 20c.

Calcium Arsenate. Higher poison content than Arsenate of Lead. Kills chewing and leaf eating insects quickly. Mixes easily with water and can be combined with Lime-Sulphur or Bordeaux. Lb., 40c; 4-lb. bag, \$1.40.

Carbola. Combined whitewash and disinfectant. 5 lbs., 75c; 10 lbs., \$1.25; 20 lbs., \$2.50; 50 lbs., \$5.00.

Cattle Comfort Fly Spray. A blessing to horses and cattle in fly-time. Qt., 65c; gal., \$1.50.

Copper Sulphate (Blue Vitriol). Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25.

Crow Repellent. Absolutely keeps crows from pulling corn. $\frac{1}{2}$ pt., \$1.00; pt., \$1.50.

Cut Worm Killer. For use as poisonous bait against Cut Worms and Slugs by placing around the plants subject to attack. It has an enticing odor that worms prefer to vegetation. Lb., 50c; 5 lbs., \$2.00.

Cyanogas G Fumigant. The most effective fumigant for greenhouse pests such as White Fly, Thrips, Aphis, etc. Fumigation is started at dark by scattering the Cyanogas on the walks after which the house is closed for the night. By the following morning the gas will have practically disappeared. Lb., 75c; 5 lbs., \$2.50; 25 lbs., \$8.50.

Fungine. Liquid spray for mildew and fungous diseases in soil and on plants. $\frac{1}{2}$ pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00.

Grape Dust. Dust for mildew on grapes and roses. 5 lbs., 85c; 10 lbs., \$1.65.

Hellebore. Old-time remedy for currant-worms, rose-bugs, etc. Safer than Arsenate or Paris Green. $\frac{1}{2}$ lb., 30c; lb., 55c.

Insect Killer. Kills flies, fleas, bed-bugs, moths, and lice. $\frac{1}{2}$ pt., 45c; pt., 75c; qt., \$1.25; gal., \$3.50.

Insect Powder, Dalmatian. Non-poisonous to humans or animals but sure death to ants, roaches, etc. Lb., 75c.

Kayso. Spreads the spray and makes it stay. Mixes with any spray material. Prevents washing off and lessens the chances of burning the foliage. 1 $\frac{1}{2}$ -lb. bag, 45c; 10 lbs., \$2.50.

Kerosene Emulsion. For combating mild forms of lice and blights. Qt., 75c; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00.

Lemon Oil. One of the best sprays for ferns, palms, and all indoor plants. $\frac{1}{2}$ pt., 40c; pt., 65c; qt., \$1.00; $\frac{1}{2}$ gal., \$1.75; gal., \$3.00.

Lime-Sulphur, Liquid. The standard dormant spray for fruit and shade trees for scale and certain fungous diseases. Packed in steel containers to prevent leaking. Half bbl. containers charged at \$1.50; full bbl., \$3.00, credit allowed when returned prepaid. Qt., 40c; $\frac{1}{2}$ gal., 60c; gal., 90c; 5 gals., \$3.25; 30-gal. bbl., 30c per gal.; 50-gal. bbl., 28c per gal.

Lime-Sulphur, Powder. Used for the same purpose and has the same effectiveness as the liquid form and is much easier to handle. Lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$3.50; 100 lbs., \$12.00.

MAGOTTE. Used for many years, for the control of root maggot on Cabbage, Cauliflower, Onion, Radishes, etc. Lb., 50c; 5 lbs., \$1.50; 25 lbs., \$5.00; 50 lbs., \$9.00.

Melrosine. Sure death to rose-bugs. Qt., \$1.75; $\frac{1}{2}$ gal., \$3.25; gal., \$6.00.

Nicofume Liquid. As spray or vapor for greenhouse use or as contact spray outdoors for aphis, etc. $\frac{1}{4}$ lb., 75c; lb., \$2.25; 4 lbs., \$8.00; 8 lbs., \$15.00.

Nicofume Paper. For fumigating greenhouses. 24-sheet can, \$1.25; 144-sheet can, \$5.50; 288-sheet can, \$10.00.

"NICO-FUME"
PRODUCTS
Liquid-Paper-Powder
FOR GREENHOUSES

Nicofume Powder. Concentrated Tobacco-powder impregnated with high strength nicotine. Effective greenhouse fumigator. Lb., \$1.25; 5 lbs., \$4.75; 10 lbs., \$8.50.

Para-Benzene. When placed around the base of Peach trees, forms a gas that kills the borers. Use about one ounce per tree. Lb., 50c; 5 lbs., \$2.25.

Paris Green. $\frac{1}{2}$ lb., 35c; lb., 55c; 5 lbs., \$2.00.

Pyrox
THE U. S. PAT. OFF.
TRADE MARK REGISTERED

Pyrox. The one best spray for the control of both chewing insects and fungous diseases. Easy to use, simply mix with cold water and spray. It sticks to the foliage and increases the yield. Use on truck crops, fruits, potatoes, etc. Lb. jar, 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 100 lbs., \$17.00.

Insecticides and Fungicides

**POISONOUS AND LIQUID INSECTICIDES
CANNOT BE SENT BY MAIL**

Qua-Sul. Keep your garden and greenhouse clean and healthy with Qua-Sul, a soluble sulphur carbon compound that has remedied more growers' ills than any preparation on the market. Used effectively for blight, mildew and as a soil cleaner. Invaluable for rust on Delphiniums, Hollyhocks and Snapdragons. Qt., \$1.25; gal., \$4.00.

Rat Poison—Cyanogas A Grade. This grade is used only as a rat and rodent destroyer. By pumping the powder into the rat hole a gas is released which is sure death to rats. It should not be used about the house, only around barns or outhouses. Lb. can, 60c; Duster to apply, \$1.40.

Rat Poison—Zelio. A powerful poison that is easily applied as bait on bread, meat, cheese, fruit, etc. After eating the rodent has difficulty in breathing which causes the victim to seek relief in the open air instead of dying in its hole. 2 oz. tubes, 50c.



Scalecide. Dormant spray for scales, blights, and fungous diseases. Qt., 75c; gal., \$1.75; 5 gals., \$6.25; 15-gal. iron drum, \$11.50, drum extra, \$2.00; 50-gal. bbl., \$38.00.

Semesan

Every farmer, trucker, florist, and home-gardener should disinfect his seeds with Semesan before planting, to rid them of their surface-borne diseases, to increase and accelerate their germination, to improve seedling growth, to produce better stands, and to secure earlier maturity as well as both better quality and quantity of finished crops.

Seed treated with Semesan may either be planted at once or thoroughly dried and stored away until required.



Sugar Corn

Planted Jan. 10, 1924. Photographed Jan. 23, 1924. Rows 1 and 2 no treatment; 47% germination. Rows 3-6 Semesan treated; 80% germination. Semesan is supplied in packages as follows:

2 ounces	\$0.60	1 pound	\$ 2.75
4 ounces	1.00	5 pounds	13.00
8 ounces	1.60	25 pounds	62.50



Slug Shot. Old reliable remedy for cabbage and currant worms. Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$2.50.

Soap, Fish-Oil. For scale and aphids, and as a spreader for other sprays. Lb., 30c; 5 lbs., \$1.25.

Soap, Getz-There. For spraying tender plants. 8 lb. can, \$1.50.

Soap, Sulpho-Tobacco. Sulphur and tobacco soap for mild forms of insects and diseases. 3 ozs., 15c; 8 ozs., 25c; lb., 45c.

Spray Oil, Sunoco. Economical and effective dormant and all-season oil-spray. Excellent for control of scale, red spider, leaf roller, etc. Gal., \$1.50; 5 gals., \$5.50; 15 gal. drum, \$10.50.

Sulphocide. As a summer spray Sulphocide is highly recommended. Highly concentrated non-poisonous liquid sulphur fungicide, distinct from lime-sulphur. Can be used on both peaches and apples and does not rust apples like Bordeaux, devitalize the foliage or spoil the fruit. Qt., \$1.00; gal., \$2.75; 5 gals., \$8.75; 30-gal. bbl., \$39.00; 50-gal. bbl., \$60.00.

Sulphur, Flowers of. For mildew and making lime-sulphur solution. Lb., 10c; 5 lbs., 45c; 25 lbs., \$1.25; 100 lbs., \$3.25.

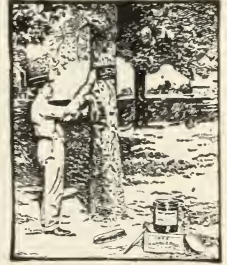
Thrip Juice. Liquid insecticide for sucking insects; aphids, thrips, etc. Qt., \$1.25; gal., \$3.50.

Tobacco Dust, Coarse. Lb., 15c; 5 lbs., 50c; 25 lbs., \$1.50; 100 lbs., \$5.00.

Tobacco Dust, Fine. Lb., 15c; 5 lbs., 50c; 25 lbs., \$1.50; 100 lbs., \$5.00.

Tobacco Stems. Used for mulching. Bales of 250 lbs., \$3.00.

Tree-Wound Paint. Prevents infection of exposed surfaces. Qt., 85c; gal., \$2.25.



Tree Tanglefoot. A sticky compound for banding trees. Prevents the ascent of all climbing insects. One application lasts three months. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

Vermine. A soil-sterilizer, also effective against cut- and wire-worms. ¼ pt., 25c; ½ pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00.

Vermol. Worm eradicator, non-poisonous and harmless to lawns. 5 lbs., \$1.00; 25 lbs., \$2.50; 100 lbs., \$6.50.



Volck. One of the safest as well as one of the most powerful insecticides for red spider, white fly, mealy bug, thrips, etc. Used extensively by growers both under glass and outdoors. The foliage after spraying shows a glistening deeper green, with no residue left from the solution.

Pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00; 14-gal. drum, \$25.00; 28-gal. drum, \$40.00.

Weed Killer. Concentrated solution for mixing with water to kill weeds. Qt., 65c; ½ gal., \$1.15; gal., \$1.75; 5 gals., \$7.50; 50-gal. bbl., \$52.50.

Wilson's O. K. Plant Spray. Effective indoor and outdoor spray for aphids, red spider, etc. Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00; 25-gal. bbl., \$50.00; 50-gal. bbl., \$90.00.

X-L-All. Popular English nicotine solution for mealy bug, red spider, aphids, etc. Pt., \$1.50; qt., \$2.50; ½ gal., \$4.50; gal., \$8.00.

Dusters and Sprayers

INSECTICIDE DUSTERS

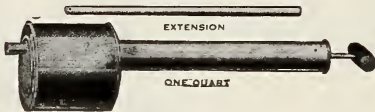
Duster, American Beauty. Nothing equals this machine for field or orchard dusting work. Consists of a powerful bellows and knapsack which is carried on the back. Will reach trees 20 feet in height and cover large areas of field crops. Capacity, 15 pounds of dusting material. Weight of duster, 16 pounds. \$20.00.

Bellows, Woodason's Insect. For applying insecticides in powder form. Powerful enough to blow the powder in the crevices where the insects breed. Small, single cone, \$3.00; large, single cone, \$4.25. Sulphur style, \$3.75.

Duster, Bug Death. A convenient shaker for distributing dry insecticides. 75c.

Duster, Dickey. A very handy Duster for use in the home garden in applying Bug Death, Slug Shot, etc. 50c.

Duster, Hand. For applying powder insecticides. Heavy tin, quart size, 60c.



Hand Dust Gun. Efficient hand duster for applying all insecticides in powder form. Gives a very fine dust which reaches all parts of the plant. Extension rod is included for working in corners and crevices. Qt. size, \$1.25.

Little Giant Dust Gun. Insecticide duster for low growing crops like potatoes, etc. Machine weighs but 6 pounds and runs entirely by gears. Furnished with three 16-inch extension tubes and five different nozzles. Capacity about one quart. Price, complete, \$12.00.

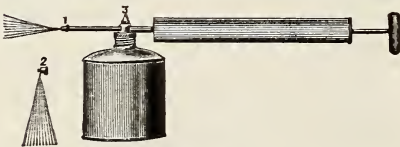
HAND SPRAYERS

Misty. A general purpose efficient sprayer made of heavy tin. Throws a fine, mist-like, uniform spray. Pint size, 35c; quart size, 50c.

Blizzard Compressed Air. With slow pumping this sprayer throws a continuous, unbroken, fine mist spray. Quart, galvanized, 75c; quart, brass, \$1.50.

Auto Spray No. 12. A convenient sized compressed air sprayer for 1½ gallons capacity. Suitable for small gardens, potatoes and other low growing vegetation. Galvanized, \$4.00.

Jim Dandy. Capacity half gallon; galvanized steel tank. Works more rapidly than any other hand sprayer. Adjustable nozzle throws long distance, fine mist or coarse spray. Used for insecticides, disinfectants or whitewash. Price, \$3.00.

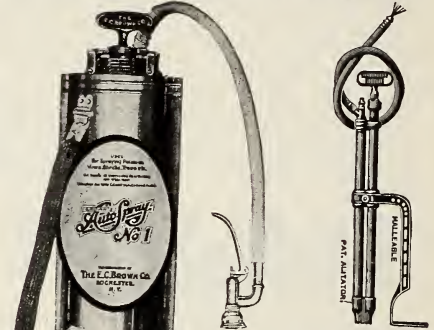


Robertson Compressed Air. Works easier, gives a more powerful spray and lasts longer than any other hand sprayer on the market. All parts can be taken apart and cleaned. Capacity one quart. Galvanized, \$1.25; brass, \$2.00.

Rubber Sprinkler. Made of best grade of heavy rubber. Well adapted for spraying the foliage on plants indoors. \$1.25.

Syringes, English. Powerful sprayers made entirely of brass. Used principally in the greenhouse. Small, \$4.00; medium, \$6.00; large, \$9.00.

BUCKET AND KNAPSACK SPRAYERS



Little Giant.

Auto Spray No. 14. An inexpensive but reliable bucket spray pump. Throws a continuous spray and works satisfactorily with heavy solutions such as whitewash. Galvanized steel, \$2.50.

Auto Spray No. 1. Strongly made compressed air Sprayer of knapsack style. After pumping, the operator has only to direct the fine misty spray. Fine for spraying shrubs, field crops, greenhouses, and whitewashing. Capacity, 4 gallons. Auto-pop nozzle. Galvanized, \$6.50; brass, \$9.50.

Junior. Practical compressed air knapsack sprayer. Smaller capacity than Auto No. 1 but does the work equally as well. Capacity, 2 gallons. Auto-pop nozzle. Galvanized, \$5.50.

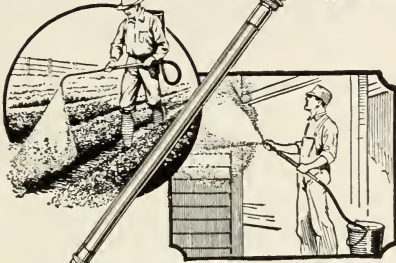
Little Giant. Well-constructed bucket Spray Pump with cylinder and air-chamber side by side, by which the work is all done on the down stroke. Patent agitator keeps the liquid thoroughly mixed, \$4.25.

Paragon. Compressed air, knapsack style sprayer of the highest quality. Equipped with the exclusive Paragon self cleaning strainer, through which all liquids pass before entering the pump, thus preventing clogging of the nozzle. Pump works easily and gives steady pressure. 4 gal. galvanized tank, auto-pop nozzle. \$6.50.



Dusters and Sprayers

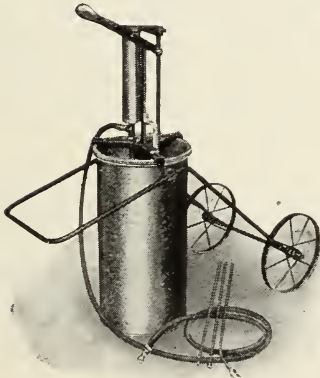
ARMSTRONG STANDARD SPRAY PUMP 550



The handiest spray-outfit made. With interchangeable nozzles sprays varying according to need from fine mist to straight stream. Use it from bucket, barrel, or knapsack, in orchard, garden or farm buildings. Spray fruit trees (as high as 30 feet), truck-crops, do whitewashing, auto washing, apply cattle and hog dip, etc. Brass construction throughout, unaffected by chemicals. Guaranteed five years.

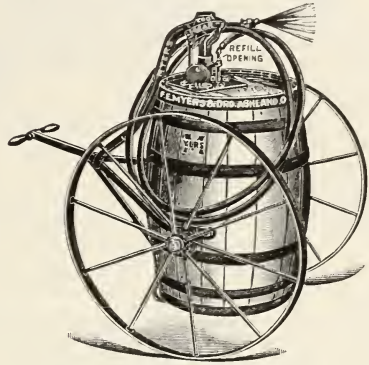
Standard. Pump with hose and three nozzles, \$5.50. Galvanized knapsack, 5 gal. capacity, \$4.00; extension rod curved, \$1.00.

TRUCK AND BARREL SPRAYERS



Paragon, No. 3. This represents our most popular outfit. The heavy galvanized tank of 12 gallons capacity is mounted on a strong two-wheeled steel truck, and easily moved from place to place. Price, complete, \$25. Extra cup washers, each, 25c; extra strainers, each, 75c.

Barrel Cart. All-steel cart with 3-inch tires. Constructed so as to easily pick up a barrel and carry it to any desired location, \$22.50.



No. 1520. Powerful and easy operating barrel sprayer. Pump and 50-gallon barrel mounted on an all-steel cart, with 36-inch wheels and 3-inch tires. Price, complete, \$42.00.

No. R. 316B. Double-acting cog gear spray pump. A practical high-pressure, barrel spray pump. Equipment includes pump complete, 50-gallon barrel mounted on skids, pressure gauge, hose, and nozzle. Complete, \$54.00.

ACCESSORIES FOR SPRAYERS

Extension Pipe. 2 ft. lengths. Iron, each, 40c; brass, each, 50c.

Nozzles. Automatic, fits either $\frac{3}{8}$ or $\frac{1}{2}$ inch connection, \$2.25; Auto Pop, \$1.50; Bordeaux, \$1.00; Imperial, 50c; Non Clog, 75c; Vermorel, 85c; Nozzle Strainer, \$1.00.

Spray Gun. Utilizes the entire capacity of any power sprayer and eliminates bamboo extension rods and other fittings, \$6.00.

Spray Rods. Bamboo extension, 10-foot length, fitted with stop-cocks and drip guard, \$4.00.

Spray Hose. Strongly made to stand high pressure. $\frac{1}{2}$ in., 35c per ft.; $\frac{3}{8}$ in., 30c per ft.

Service

We are always glad to send to the factory to replace broken or worn-out parts that we do not carry in stock. Inspect your Sprayer now and see that it is in shape for the summer battle with the bugs.

A customer writes, "I mailed an order to you in Pittsburgh on Saturday and received the seeds Monday morning. Thank you for your very prompt service."—J. P. Erb, Leechburg, Pa. Such service with us is the rule rather than an exception.

Insecticides

A good sprayer plus the proper spray means certain control of insects, blights and scale. A complete list of insecticides and fungicides for both in- and outdoors will be found on pages 66 and 67. If you do not know the proper spray to use, we will be glad to tell you.

Garden, Lawn and Farm Fertilizers

WHY FERTILIZERS ARE NECESSARY

Plants are constantly drawing nitrogen, phosphorous, potash and other elements from the soil, and when your farm or garden produces a crop of vegetables, flowers, cereals or fruits, a certain portion of these important plant foods are removed from the soil.

Continued planting and removing of crops would soon exhaust the supply of these necessary plant foods, were it not that by the use of commercial fertilizers, stable and barnyard manure, we are able to replenish the supply and thereby keep up the fertility of the soil.

Stable and barnyard manures are now difficult to obtain and it is only by the use of commercial fertilizers and green manures that we are able to put back into the soil, the important elements that have been removed. Owing to the fact that some crops take more of one element from the soil than others, our fertilizers are made up of special formulas for the different crops.

Prices on Fertilizer are based on delivery to the transportation company, or called for at our storeroom. If city truck delivery is desired, add drayage charges of 50c per 100-lb. sack; or 25c per 100 lbs. in lots of 1000 lbs. or over.

Adco Artificial Manure. The scarcity and cost of stable manure has made its extensive use impracticable, and the compost pile, although of undeniable value, is a long and tedious undertaking. The process of making artificial manure consists of merely making a heap of all garden trash, wetting it thoroughly and adding the bacteric powder Adco. In the course of three or four months this heap is converted by action of the growing bacteria into excellent manure. 25-lb. sack (enough for 12 wheelbarrows waste), \$2.00; 150-lb. sack (enough for a pile 10 ft.x10 ft.x6 ft.), \$10.50.

Acid Phosphate. Quick acting and valuable for grasses, grains and corn. Available phosphoric acid, 16 per cent. 100 lbs., \$2.00; 500 lbs., \$8.00; 1000 lbs., \$15.00; 2000 lbs., \$29.00.

Ashes, Unleached Hardwood. In addition to a goodly percentage of potash, wood ashes contain carbonate and phosphate of lime and magnesia, all essential elements of plant food. Wood ashes are excellent as a top dressing for lawns and grass land and owing to their alkali power will render dry soils more plastic and likewise aid in making open porous soils more firmly bound. Use 5 lbs. per 100 square feet or 1500 lbs. per acre. 100 lbs., \$2.00; 500 lbs., \$8.25; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

Bon Arbor. A concentrated quick acting fertilizer for pot plants, flower and vegetable garden and orchards. Nitrogen, 15 to 18 per cent, soluble. Phosphoric acid, 4 to 6 per cent. Potash, 4 to 6 per cent. 8-oz. can, 40c; 16-oz. can, 85c; 5 lbs., \$2.00.

Bone Meal Fertilizer. For lawns, vegetables, and roses. Acts slowly but its effects are lasting. Ammonia, $4\frac{1}{2}$ per cent; phosphoric acid, 21 per cent—equal to bone phosphate, $47\frac{1}{2}$ per cent. 100 lbs., \$3.25; 500 lbs., \$13.75; 1000 lbs., \$26.50; 2000 lbs., \$52.00.

Bone Meal, Pure Raw No. 1. A finer grind than the preceding Bone Meal and made from selected stock of bones. Ammonia, $4\frac{1}{2}$ to 6 per cent. Phosphoric acid, 21 per cent. 5 lbs., 30c; 10 lbs., 60c; 25 lbs., \$1.00; 50 lbs., \$2.00; 100 lbs., \$3.75; 500 lbs., \$15.75; 1000 lbs., \$30.50; 2000 lbs., \$60.00.

Bone Meal Flour. This grade of Bone Meal is the finest manufactured. It is ground as fine as flour and used largely for mixing with potting soil and in the greenhouse on crops such as carnations, roses, 'mums, etc. 100 lbs., \$5.00; 500 lbs., \$20.75; 1000 lbs., \$40.50; 2000 lbs., \$80.00.

Cattle Manure. Shredded and dried at a high temperature, whereby all weed seeds are killed. 100 lbs., \$2.50; 500 lbs., \$11.25; 1000 lbs., \$21.50; 2000 lbs., \$42.00.

Clay's Fertilizer. An English fertilizer used largely for forcing. 7 lbs., \$1.50; 14 lbs., \$2.25; 28 lbs., \$4.00; 56 lbs., \$7.50; 112 lbs., \$12.00.

Cotton Seed Meal. Rich in potash and ammonia. Market price on request.

Fertobac 2- $\frac{1}{2}$ -3. A tobacco base fertilizer, which, used as a mulch, makes a valuable insect destroyer. 2-lb. carton, 40c; 5-lb. carton, 75c; 100 lbs., \$3.00; 1000 lbs., \$21.75; 2000 lbs., \$42.50.

Florania. A nitrogen fertilizer that is 92 times stronger than manure. Contains 46 per cent of available nitrogen, one of the principal and quickest acting plant foods. Unexcelled for flowers, vegetables, fruits, shrubs or lawns. 1-lb. can, 75c; 50-lb. sack, \$12.00.

Guano 1-9-4. Use in the Spring on lawns or pasture lands. 100 lbs., \$3.00; 500 lbs., \$10.25; 1000 lbs., \$19.50; 2000 lbs., \$38.00.

Horn Shavings. Rich in ammonia and valuable for use in mixing in potting soil, for growing 'mums, etc. Lb., 15c; 5 lbs., 65c; 25 lbs., \$2.00; 100 lbs., \$7.00.

Humus. Plant and animal life decaying through many generations form humus. Valuable for use on land lacking in vegetable matter and to lighten and mellow heavy clay soils. Will also bind together loose, sandy soils, but should not be used on cold or wet soils. 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$8.25; 1000 lbs., \$15.50; 2000 lbs., \$30.00. Carload prices on request.

Keystone or Grain. A quick and lasting brand made from bone and tankage. Ammonia, 2 per cent; soluble phosphoric acid, 7 to 9 per cent; potash, 3 per cent. 100 lbs., \$2.75; 500 lbs., \$11.25; 1000 lbs., \$21.50; 2000 lbs., \$42.00.

Lime, Hydrated. High calcium limestone burned to remove the foreign elements that are of no value to the soil. Our lime contains 63 per cent of calcium oxide. Highly recommended for use on lawns, gardens and farms. 10 lbs., 30c; 50 lbs., 75c; 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.25; 2000 lbs., \$17.50.

Muriate of Potash. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$4.50.

Nitrate of Soda. Quick acting stimulant which supplies nitrogen and hastens development of the crop. Most valuable on grasses and cereals; the effects are quickly noted in vigorous growth and deep, rich green foliage. Apply several times during the growing period. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$5.25; 500 lbs., \$22.00; 1000 lbs., \$43.00; 2000 lbs., \$85.00.

GARDEN, LAWN AND FARM FERTILIZERS—Continued.

Sheep Manure. A finely pulverized natural fertilizer unequalled for lawn or garden work. Used in preparing the soil before planting or as a dry or liquid top dressing. Promotes a strong, healthy growth and luxuriant foliage and bloom. Ammonia, 2.43 per cent; phosphoric acid, 1.25 per cent; potash, 2 per cent. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; 500 lbs., \$11.25; 1000 lbs., \$21.50; 2000 lbs., \$42.00.

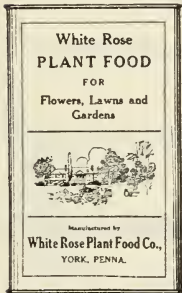
Shur-Gro. A complete fertilizer having no odor. Used on lawns, gardens, plants, and shrubbery. 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.50.

Soot, Scotch Imported. Will produce a good color in greenhouse plants. Is also effective against grubs and worms that work near the surface. 5 lbs., 35c; 10 lbs., \$1.50; 112-lb. sack, \$8.75.

Stim-U-Plant. A plant food in highly concentrated tablet form. Convenient for house use. 10 tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1000 tablets, \$3.50.

Sulphate of Ammonia. An active and quickly available plant food, which stimulates foliage growth and root development. Its results are sharply noted when applied to grass and cereals after growth has started. Should not be used on limestone soils. Lb., 20c; 5 lbs., 65c; 25 lbs., \$2.25; 100 lbs., \$5.50; 500 lbs., \$24.00; 1000 lbs., \$47.00.

Super Phosphate 2-8-10. Well proportioned to meet the requirements of the market gardener. 100 lbs., \$3.50; 500 lbs., \$12.00; 1000 lbs., \$23.00; 2000 lbs., \$45.00.



White Rose Plant Food. A highly concentrated plant food valuable for grass, flowers, fruit, and vegetables. The ingredients are quick, intermediate and slow acting, thus supplying the plant with food at all stages. Nitrogen, 4 per cent; available phosphoric acid, 8 per cent; potash, 3 per cent. Lb., 25c; 5 lbs., 75c; 25 lbs., \$2.50; 100 lbs., \$6.50.

CHARCOAL, MOSS AND PEAT

Charcoal. For mixing with potting soil. Either granulated or lump grade. Lb., 15c; 5 lbs., 65c; 50 lbs., \$3.50; 100 lbs., \$6.50.

Leaf Mold. Excellent for mixing with soil for potting. ½ pk., 30c; pk., 50c; sack, (1¼ bu.), \$2.50.

Moss, Green Log. Large size sack, \$3.00.

Moss, Peat Granulated. Accomplishes much that stable manure does without any weed content. Absorbs 7 to 8 times its weight in moisture, thus preventing the washing away of valuable commercial fertilizing material in the soil. Makes a fine mulch for Evergreens, Rhododendrons, etc. Small size bale, covers 16 sq. ft., \$1.75, delivered; large size bale, covers 240 sq. ft., \$5.00, delivered.

Moss, Sphagnum, Dried. Large bales, well burlapped, \$2.75.

Moss, Sphagnum, Live. For potting orchids, etc. Market price.

Peat, Jersey. Used as a compost for mixing soil for potting plants. ½ pk., 30c; pk., 50c; 1¼-bu. sack, \$2.50.

Peat, Fibrous. Used for potting orchids, etc. 2-bu. sack, \$3.50.

FARMGERM

Soil and crop experts agree that Farmogerm not only increases crop production but also greatly improves the soil. It should be used on the seed of all legumes, like clover, peas, and beans.

For Small Seeds—Clovers, Alfalfa, etc. ¼-bu. size, 35c; ½-bu. size, 60c; 1-bu. size, \$1.00; 2½-bu. size, \$2.25; 10-bu. size, \$8.00.

For Large size Seeds—Soy Beans, Cow Peas, Peas, Beans, etc. Special reduced prices, ½-bu. size, 35c; 1-bu. size, 60c; 5-bu. size, \$2.25.

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

Be sure to state seed on which Farmogerm is to be used.



Test for Liming Soils.

Soiltex is a chemical preparation (developed by the Michigan State Agricultural Station), that enables anyone to determine the exact amount of lime required to make any soil sweet. If your garden is not producing as it should, or if your lawn has a sickly appearance, test with Soiltex, apply the proper amount of lime as shown by the test and note the difference in resultant crops. Price, \$1.00. (Enough for 75 to 100 tests).

Miscellaneous Garden Tools



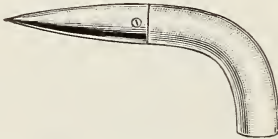
Asparagus Knives. V-shaped blade, which cuts the edible stalk under the soil. Short handle, 40c; 4 ft. handle\$0.65



Dandelion Spud. Steel blade, 4 ft.40



Dock and Thistle Cutter. Well made tool with forked spud and foot rest. 4½ ft. D. handle..... 1.40



Dibbles. Handy tool for transplanting cabbage, celery, tomato plants, etc. Wood handle, 70c; all iron.. .65

FORKS, Ensilage or Barn, Steel. Six 15 in. steel tines, end tines turned up. Iron D. handle..... 2.25

Wooden. Three bent wooden tines, with a spread of 15 in. Length, 6 ft. 1.50



Spading. Best grade steel. Four heavy angular tines which never break. Wood D. handle..... 2 00



Spading English. Tines are square and sharp pointed. Highest grade. 2.75

Spading, Small Size. Four light angular tines with 3½ ft. handle. .90



Manure. Six tines, Iron D. handle, \$1.85; four tines, 4½ ft. bent handle 1.50

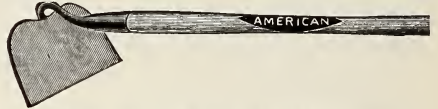
Garden Set of Tools. Three piece set of Hoe, Rake and Shovel all carefully made of good material..... 2.00

Grafting Tool. Best forged steel..... 1.00



Grass Edging Knives. American Flat Top, \$1.35; English Half Moon, \$2.50; Planet Jr. Wheel Style\$2.00

HOES, Beet. 5 in. blade, 18 in. handle. .50



Garden. Solid steel socket, 6 in., \$1.00; 7 in., \$1.05; 8 in. 1.10

Grape, Italian. Blades 7x9 in.; handle, 3½ feet 1.65

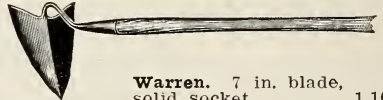
Grub. 4½ in. blade, 4 ft. handle... .85



Invincible. Three detachable steel prongs. 9 in. handle, 50c; 4 ft. handle85

Onion. Triangular blade, 4 ft. handle .75

Scuffle. 5 in., 80c; 6 in., 90c; 8 in.. 1.00



Warren. 7 in. blade, solid socket 1.10



Weeding. Sharp pointed, 4 1/3 ft. handle. 1 prong, 50c; 2 prong60

HOOKS, Corn. Tempered steel blade50

Grape. Two flat prongs, forged from one solid piece of steel. 4 ft. handle 1.10

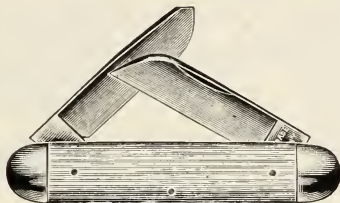


Nursery. Two 9 in. steel prongs, tapering to an edge. Bent handles, 4½ ft. long 2.00



Potato. Four tines either round or oval, with bent head. 4 1/3 ft. handle 1.00

MISCELLANEOUS GARDEN TOOLS—Continued



- KNIVES, Budding American.** 1 pointed and 1 round edge blade; white handle\$1.25
- Budding English.** Bone handle, reinforced and brass lined..... 4.00
- Pruning American.** Wood handle... 1.00
- Pruning English.** Staghorn handle.. 2.50

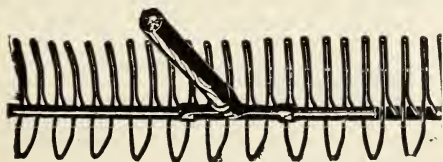


- Pruning and Budding (Remington).** 1.50
- Steel, Butcher.** 6 in. blade, 45c; 8 in. blade50



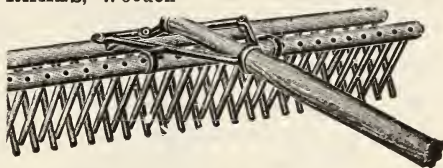
- MATTOCKS, Dig Easy.** 1 3/8 and 3 in. steel blades 1.00
- Solid Steel.** Blades and shank forged from one solid piece..... 1.25
- Cutter Mattock.** 4 in. cutter blade, 3 ft. handle 1.50
- Post Hole Digger.** Easily operated. Best cast steel blade..... 2.75

- RAKES, Metal—**
- Garden.** Highest quality, 12 teeth, 90c; 14 teeth, \$1.00; 16 teeth, \$1.10; small size, 6 teeth..... .50



- Wire.** Combines strength with light weight. 24 teeth..... .90
- Wire Broom.** Self cleaning. 28 flexible steel teeth 2.00

RAKES, Wooden—



- Automatic.** Self cleaning, 26 wooden teeth, \$1.50; 38 teeth.....\$2.00
- Hay.** 10 wooden teeth..... .65
- Lawn.** A light, efficient and desirable wooden rake for the lawn.... 1.00



- SAWS, Pruning—**
- Curved Blade.** Hand style.....\$1.00



- Pole style** 1.75
- Single Edge.** Best quality steel. 16 in., \$1.40; 18 in., \$1.50; 20 in. 1.60
- Triangular.** Can be used at any angle. No. 11, \$1.75; No. 18..... 2.00
- Extra Blades for Triangular Saws** No. 11 and 18..... .40

- SCYTHE BLADES.** Finest grade of steel.
- Bush.** Heavy blade, 18 to 22 in. ... 1.75
- Grass, American.** 26 to 30 in. 2.00



- Grass, English.** Riveted back, 32 in. 2.75



- German Style.** Blue steel blade, 32 in. 1.75
- Weed.** Best quality, 24 to 30 in.... 1.75
- Sharpening Outfit.** For European style blades 1.50

- SCYTHE HANDLES.** Made of best White Ash.
- Curved Style,** \$1.50; straight style.. 1.25

SCYTHE or SHARPENING STONES—



- Carborundum.** 10 in.30



- Carborundum File**85
- Darby Creek**30
- English.** Both ends pointed35

MISCELLANEOUS GARDEN TOOLS—Continued

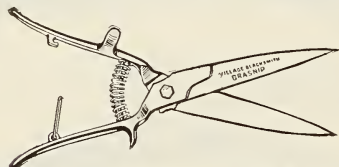
SHEARS, Border. Solid steel, 9 in. blades mounted on 2 wheels, 3 ft. handle. American horizontal style, \$5.00; English vertical style.....\$6.50

SHEARS, Grass. Made of best tool steel.



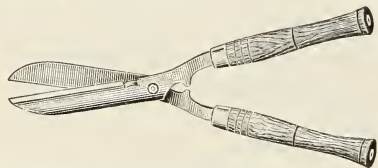
No. 347, 5½ in., 50c; No. 357, 5½ in.75
 No. 3075, English, 5½ in., \$1.75;
 7 in., \$2.25; No. 1105, 7 in., \$1.25;
 No. 66 7 in. 2.50

Automatic. Operates with a vertical movement, which does not tire the hand 2.00



Grasnip. Shaped like scissors. Thumb rest and spiral spring. Six in. cutting steel blades..... 1.25

SHEARS, Hedge. Notched blades, hollow ground steel.



American. 6½ in., \$1.50; 8 in., \$2.50; 9 in. 2.75

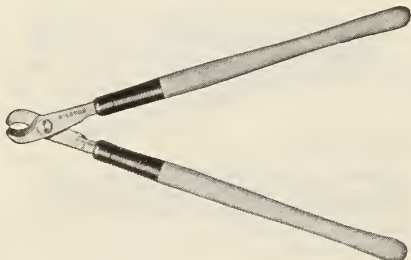


English. 8 in., \$3.00; 9 in., \$3.25; 10 in. 3.75

Combination. For new growth hedges, shrubs and grass, 6 in. serrated toothed blades 2.25

Simplicity. A great time saver. Cuts both in opening and closing. **Trimmer,** for new growth only... 4.00
Pruner, for pruning old and new growth 6.00

SHEARS, Lopping. Blades are best forged steel, handles do not pull out.



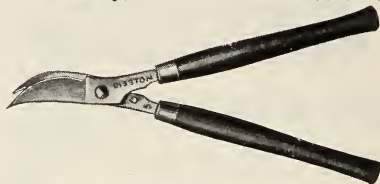
Bulldog. Curved blades, double cut. 2.75

English. Sheffield steel, 2½ in. cut.. \$5.00

McKenney. Toggle joint power, compound leverage. No. 0, 15 in., \$3.50; No. 1, 23 in., \$4.00; No. 2, 30 in. 5.50

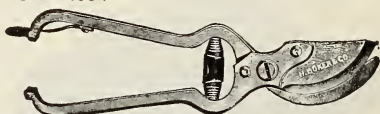
Searight. Single cut, 26 in., ash handle 2.50

Tiffany. All steel, light, practical and handy, 24 in. iron handle.... 3.75

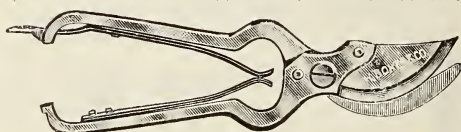


Utility. For light pruning. 10 in. wooden handles 2.00

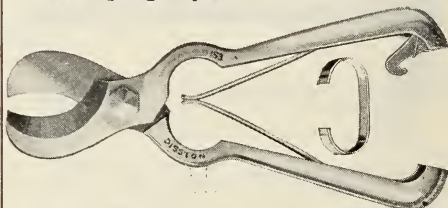
SHEARS, Pruning. All styles listed are made from the highest grade tool steel.



Coil Spring Styles. No. 100, \$1.00; No. 203, \$1.35; No. 154, \$1.75; No. 150 2.50



Leaf Spring Styles. No. 102..... 1.50



No. 253, Double Cut illustrated.. 2.00



French. Special wheel spring. 8 in., \$2.00; 9 in. 2.50

Aubert 3.00

Ladies. Nickel plated, 7 in..... 1.50



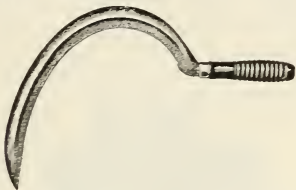
Flower Scissors. Holds the flower after cutting, nickel plated..... 1.50

SHOVELS. Finest grade; either square or round point. D. handle, \$2.00; Long Handle, round point, full polish 2.25

MISCELLANEOUS GARDEN TOOLS —Continued



Home Garden. Designed for home use. Its light weight and correct shape relieve the fatigue of digging....\$1.25
SICKLES, English. Sheffield steel, riveted back 1.25
German. Blue steel blade..... .65



Pilgrim. Hollow ground razor steel .85



Village Blacksmith. Offset handle.. .65
Sieves. Sizes $\frac{1}{8}$, $\frac{1}{5}$, $\frac{1}{4}$, or $\frac{1}{2}$ in. mesh 1.50
Sod Lifter. English style with heart-shaped blade, 4 ft. handle..... 8.50
SPADES, Flat Back. Full polished, best grade 1.75



Curved Back. Round or square pointed 2.25
Boys' Size. Useful for all light work .85
Light Weight75



Tree Pruner. One piece poles made from straight-grained strong wood. Will cut a limb $1\frac{1}{2}$ in. in diameter. 8 ft., \$4.00; 10 ft., \$4.50; 12 ft., \$5.00; 16 ft. 5.50
Tree Scraper. Three sharp, beveled edges50
TROWELS, Solid Steel 6 in. blade.. .40
Solid Steel. 6 in. blade, green enamel .25



Forged Steel 6 in. blade..... .75



Drop Socket. Finest solid steel made.\$0.85



Transplanting. 6 in. blade, 25c; 8 in. .30
Transplanting. 6 in. blade, green enamel25
Hoe Shaped. 7 in. blade..... .65

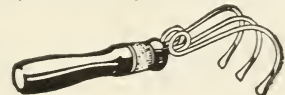
WEEDERS, Dandelion. Sharp V-shaped blade, short handle..... .40
 4 ft. handle65



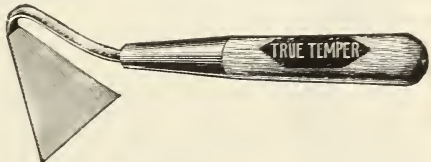
Eureka. Grip handle, 50c; 2 ft. handle, 60c; 4 ft. handle..... .70
Excelsior. Five iron fingers..... .20
Five Claws. Handy garden tool with five steel fingers. Finished in baked green enamel..... .25



Gem Fork. Three forged steel prongs. Grip handle50
Hazeltine. Made in two weights. Light, 30c; heavy50

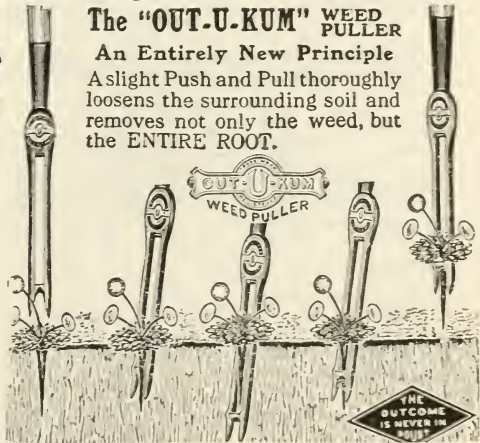


Magic. 5 in. handle, 25c; 18 in. handle35



Onion, Triangular. Short handle, 50c; long handle75

The "OUT-U-KUM" WEED PULLER
 An Entirely New Principle
 A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the ENTIRE ROOT.



Out-U-Kum75

Miscellaneous Supplies and Sundries

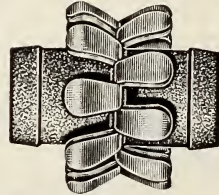
Aprons, Gardener's. Extra heavy rubber	\$ 2.50
Baskets, Ash. Used for gathering flowers, berries, etc. 6 qt. size, \$1.00; 8 qt.	1.25
Berry. Pint size, \$1.00 per 100; quart, \$1.10 per 100; 2-quart, per 100 ..	2.25
Bunching Machine, Felin's. The most practical and longest-lived Tying Machine on the market. Indispensable to the Market-gardener. Delivered	75.00
Carnation Supports. See under Stakes.	
Cel-O-Glass. Glass substitute for hotbed sash; cut with scissors and put on with tacks. Width, 3 ft. 5 lineal ft., \$2.75; 10 lineal ft., \$5.25; 100 lineal feet.....	48.00
Glass Cloth. A cloth substitute for glass. Transparent, waterproof and protective. Width, 3 ft., yard, 50c; 10 yards, \$3.80; 50 yards, \$17.50; 100 yards	33.00
Celery Bleachers. By the use of these special made tubes of heavy cardboard Celery can be easily bleached without banking with soil or boards. Easy to apply. 6 1/2 in. diam, 12 in. high per 100.....	6.00
Cheese Cloth. For covering steep lawn terraces, to prevent the washing out of the seed during heavy rains. 15c per yard in 50 yard bolts.	
Charcoal Granulated or Lump. Lb. 15c; 5 lbs., 65c; 25 lbs., \$2.50; 100 lbs.	6.50
Egg Boxes, Folding. Used for delivering eggs direct to customers. One dozen size, 12 boxes, 20c; 50 boxes, 65c; 100 boxes, \$1.25; 1000 boxes..	7.50
Fruit Picker. Made of steel wire, heavily galvanized. Easily attached to any pole.....	.50
Fruit Presses. Substantial and easy to clean, light and compact. 3 qt. size, \$4.75; 6 qt., \$5.75; 12 qt....	8.50
Garden Line. Finest grade of white, glazed line. Hank of 48 ft., 50c; per doz. hanks	5.50
Garden Line Reels. All metal style. Small size, \$1.25; large size.....	2.25
Glass Clamps. For repairing broken glass. Box	1.50
Glass Cleaner. A powerful and quick acting cleaner. Gal., \$2.00; 5 gals.	9.00



Glass Cutter. Six changeable cutter points .....	.35
Glazing Points, Peerless. Sizes No. 2 and 2 1/2. 1000 for 75c; 5000	3.50
Zinc. Peg style. Sizes 5/8, 3/4, 7/8 in., lb., 45c; 5 lbs.	2.00
Gloves, Pruning. Strongly made gauntlets	2.00
Grafting Wax. For grafts, cuts and bruises. 1/4 lb., 15c; 1/2 lb., 25c; lb.	.40
Grinder, Household. A powerful compact machine. Carborundum wheel 4 in. diameter, 1 in. thick.....	3.50
Greenhouse Shading Paint. Gal. can.	3.50
Hanging Baskets. Heavy wire, painted green. Each	
8 inch .....	.25
10 inch .....	.30
12 inch .....	.35
14 inch .....	.40
16 inch .....	.50

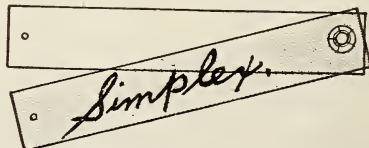
Doz.	
8 inch	\$ 2.50
10 inch	3.25
12 inch	3.75
14 inch	4.50
16 inch	5.00

Handles. Made from best Ash. Rake 5 1/2 and 6 ft. lengths.....	\$.45
T. shape, 3 ft. ....	.45
Hose, Garden. X-L-ALL. Our moulded hose is made strong and durable and will last for years. Cheaper in the long run than lower priced grades. 50 ft., 3/4 in., with couplings, \$9.00; 50 ft., 1/2 in. with couplings	8.00
Spray Hose. Made to stand the high pressure of power sprayers. 1/2 in., 35c per ft.; 3/8 in., 30c per ft.	
Hose Couplings. Perfect clinching. Easy to attach and will not tear the lawn. 1/2 and 3/4 in. size, per set....	.25



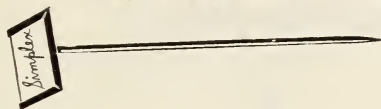
Hose Menders. Perfect clinching. Quickest mender to attach on the market. 1/2 and 3/4 in. size, each 15c; doz.	1.25
Hose Nozzles—	
Aquamatic	\$2.25
Greenhouse	1.00
Hotbed	3.50
Justrite .....	.65
Magic	1.25
Two in One .....	.45
Pet .....	.75
Hotbed Mats. Frostproof mats of bur-lap for protecting hotbeds and cold-frames. 40x76 in., \$3.00; 76x76 in. \$4.50	
Hotbed Sash. Standard 3x6 ft., 3 rows glass. Iron crossbars and lugs. Best quality cypress; all joints mortised.	
	Each Doz.
Painted and unglazed	\$4.50 \$48.00
Painted and glazed	7.00 80.00

Hydrometer. For testing lime-sulphur	.75
Labels, Wooden. For pots and garden use. Painted and painted on one side.	100 1000
4 in.	\$.40 \$ 2.25
5 in. ....	.45 2.75
6 in. ....	.50 3.00
8 in.	1.00 8.00
10 in.	1.50 10.00
12 in.	1.75 12.50
3 1/2 in. copper wired, for dahlias, trees, shrubs, etc.	.50 3.00



Labels, Weatherproof Plant. Simplex waterproof labels are adapted for all outdoor garden records. Writing is done on celluloid, which has a transparent mica cover. Copper wires attached to labels.	
	Doz. 100
3x 1/2 in.	\$.45 \$2.50
4x 3/4 in. ....	.75 4.50
5x1 in.	1.10 6.50

MISCELLANEOUS SUPPLIES AND SUNDRIES—Continued



Labels, Weatherproof Garden. Transparent, waterproof card holder attached to an iron stake 24 in. long. Card 2 3/4 x 1 1/2 in., each, 25c; card 3x2 in., each \$0.30

Leaf Rack, Wire. Collapsible attachment to be used on wheelbarrow. Capacity, 10 bushels leaves, grass, etc. 8.00

Mastica. Highest grade of glazing putty on the market. Gal., \$2.50; 5 gals. 12.00

Mastica Machine. For applying Mastica 3.00

Moss, Green Log. Large size sack 3.00

Sphagnum, Dried. Large bales, burlapped 2.75

Sphagnum, Live. Market price. 2.50

Paper, White Wax. Per ream 3.50

Green Wax. Per ream 3.50

Pot Covers. Waterproof, green crepe paper. Each Doz. \$ 25 \$2.25

4 in.25 2.50

5 in.30 3.00

6 in.30 3.00

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1 1/2 ft. \$.20 \$1.00 \$ 6.00

2 ft.25 1.25 6.50

3 ft.30 1.50 8.00

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12 in. \$.50 \$3.00

18 in.60 3.50

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2 ft.50 3.50

3 ft. 1.00 6.75

4 ft. 1.35 10.00

5 ft. 1.75 13.00

Wood, Heavy, Round. Tapering, painted green. Doz. 100 1000

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5 ft. 2.50 18.00

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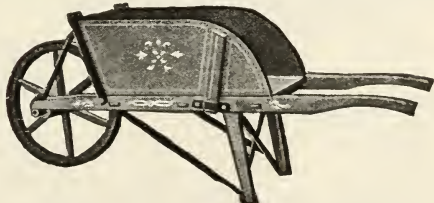
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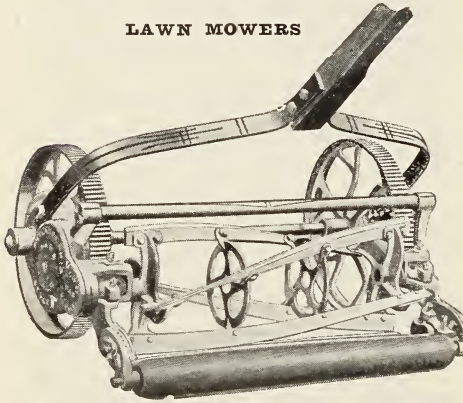
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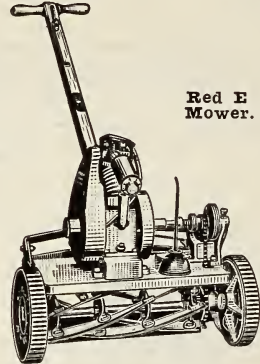
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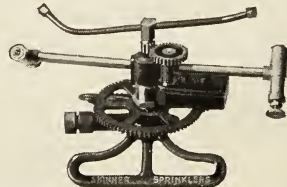
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