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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 8 to 10 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 reseeded. 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, reelected seeds of the best fine-leaved, low-growing turf grasses are used in this special R. 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. 55c; 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.

O. 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. Choicest grade. $1 lb., 40c; 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 planting 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 Beckert 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.

BECKERT SEED and BULB COMPANY

OSCAR M. BECKERT
Pres. and Treas.

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

Non-Warranty The Beckert 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 and varieties you want; in 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. Bulker 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.

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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 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 light clear Delphinium blue so seldom found in the annual flowers. Pkt., 10c; ¼ 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 midsummer and can be used to advantage in both perennial and shrubbery borders. Height, 2 feet with leaves gorgeously splashed crimson, scarlet and yellow. The flower itself is inconspicuous. Pkt., 10c; ¼ 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.


Each, pkt., 10c; ¼ 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 blends of creamy-yellow and autumn bronzes. Height 2 ft. and a cut flower par excellence. Pkt., 10c; oz., 40c.

Marigold

2712 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; ¼ oz., 35c.

Mignonette

2225 Sweet Scented

Not the new tall stiff spiked variety, but the old graceful, airy kind that 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.

2551 Crimson.
2552 Marigold and Gold.
2555 Purple and Gold.
2655 White and Gold.
2553 Rose and Gold.
2650 Choice Mixed.

Each, pkt., 10c; ¼ oz., 50c.

2559 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 pin cushions 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; ¼ 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 plants 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 ones 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 saxatile, anatranum.
CAMPANULA speciosa.
CAMPANULA alpina.
ERYNGIUM alpinum.
HELITANTHEMUM apenninum.
LINUM perenne.
MYOSOTIS, Ruth Fischer.
PRIMULA japonica.
SAPONARIA ocyoides.
SAXIFRAGA decipiens.
VIOLA bonsaiacea.

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.

Rock Gardens

Annuals for Rock Gardens

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<td>1549</td>
<td>Erysimum, Single</td>
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<tr>
<td>1841</td>
<td>Gypsophila elegans alba</td>
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<td>1842</td>
<td>Gypsophila elegans rosea</td>
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<td>2071</td>
<td>Mesembryanthemum crystallinum</td>
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<td>2340</td>
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<td>2571</td>
<td>Portulaca, Single Mixed</td>
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<td>2572</td>
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Perennials and Biennials for Rock Gardens

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<td>616</td>
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<td>3094</td>
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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, but 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 large Fall vegetable. A row 20 feet long gives a good supply, while a row 40 feet long is plenty for a family of four. Plants of dwarf, bushy growth and yielding 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 and flat-shaped, blood-red and of the very finest quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

Penn State Danish Ballhead 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 it and eat it yourself. Pkt., 10c; pt., 36c; qt., 65c; 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 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.

| 1½ Pt. Beans, Stringless Green Pod | 1 Pkt. Cucumber, White Spine |
| 1½ 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. Sweet Corn Bantam | 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, ¾ inch deep, in rows 1½ 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; ¼ lb., 50c; lb., $1.25.

Palmetto. Large green stalks. Pkt., 10c; oz., 20c; ¼ 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; ½ lb., $1.10; 1 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 spaced 1½ to 2 feet deep. Place roots in trenches 1 to 1½ 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.

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; ¼ 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; ¼ 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

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 1½ 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 8¢ per pt.; 10¢ 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.

Pull 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 1900-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 1900-to-1; pods stringless at all stages. Pkt., 10c; pt., 30c; qt., 60c; 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 PODDED 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. Hardly 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.

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

WONDER BUSHE. Medium early; very productive. Large, flat Beans. Pkt., 10c; pt., 40c; qt., 80c; 2 qts., $1.40; pk., $5.25.

Wool’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.

FARMGERM

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

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.

Sleva. 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., $2.75.

WHITE KIDNEY. Seed large, white and kidney-shaped. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., $1.10; pk., $2.75.

White Marrowfat. Produces large, round, white Beans of exceptional cooking quality. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., $1.10; pk., $2.75.

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 3 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 Homestead. 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., $6.00.

Scarlet Runner. Used for both ornamental and cooking purposes. Clusters of brilliant scarlet flowers; large Beans of fine flavor used like Lima's. 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.


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 10 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).
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 2½ to 3 feet apart and space the plants 1½ 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


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; ½ 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; ½ lb., $1.00.

Charleston or Large Wakefield. A week later than Jersey Wakefield; heads larger, thicker and less pointed. Pkt., 10c; oz., 30c; ½ lb., $1.00.

**EARLY SUMMER.** Good sized, round, flat heads following the Wakefield. Pkt., 10c; oz., 30c; ½ lb., $1.00.

Allhead Early. Very large-heading strain of Early Summer. Pkt., 10c; oz., 30c; ½ lb., $1.00.

Enkhuizen Glory. Round, deep heads a little larger than Copenhagen. Does well on poor soils. Pkt., 10c; oz., 30c; ½ 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; ½ oz., 65c; oz., $1.00.

**ALL SEASONS or SUCESSION.** Large, flat heads; good for both second-early and late crops. An excellent keeper. Pkt., 10c; oz., 30c; ½ lb., $1.00.

**SELECT LATE FLAT DUTCH.** The standard late cabbage of the flat or Drumhead type. Heads large, very solid; reliable and a splendid keeper. Pkt., 10c; oz., 30c; ½ lb., $1.00.

Danish Roundhead Cabbage.

**SUBHEADER.** A thoroughbred strain of Late Flat Dutch. Pkt., 10c; oz., 30c; ½ lb., $1.00.

**LARGE LATE DRUMHEAD.** The largest and latest of the flat Cabbages. Productive and a good keeper. Pkt., 10c; oz., 30c; ½ 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; ½ 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; ½ lb., $1.00.

**Early Savoy.** Two weeks earlier than Drumhead Savoy. Pkt., 10c; oz., 30c; ½ lb., $1.00.

**Perfekion Drumhead Savoy.** Large flat heads with dark green wrinkled leaves. Quality superb; a favorite for home gardens. Pkt., 10c; oz., 30c; ½ lb., $1.00.

Red Varieties

**Mammoth Rock Red.** The standard Red Cabbage. Heads large, flat and solid. Productive and reliable. Pkt., 10c; oz., 30c; ½ lb., $1.10.

**Danish Stonehead.** Heads of medium size, globular and extremely solid, dark red to the core. Pkt., 10c; oz., 35c; ½ 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 1½ 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; ¼ lb., 60c.

Early Scarlet Horn. Deep orange in color; 2½ to 3 inches long. Pkt., 10c; oz., 20c; ¼ 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; ¼ 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; ¼ 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; ¼ lb., 50c.

Half-Long Luc or Coreless. Orange-red, blunt roots, slightly tapered. A heavy yielder. Quite similar to Danvers. Pkt., 10c; oz., 20c; ¼ lb., 55c.


St. Valery. An excellent half-long main-crop variety. Broad at the neck, tapering to a point. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Long Orange. Rich orange; long, tapering roots; fine for stock feeding. A heavy yielder on deep soils. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Large White Belgian. Very large; flesh and skin white; used for feeding cattle. Pkt., 10c; oz., 15c; ¼ lb., 35c.

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; ¼ 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; ¼ 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; ¼ 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; ¼ lb., $1.10.
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.
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 2½ to 3 feet apart; scatter seeds 3 to 4 inches apart and cover 2 inches deep, later thinning out to 1 or 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 8-10 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., 50c; 2 qts., 90c; pk., $2.75.

DeLue’s Golden Giant. A splendid hybrid sort with the color and quality of Golden Bantam and the size of its other parent, White Mo. 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., 16c; 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 5 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-earred sort with purplish black grains of very rich flavor. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., $2.50.

KENDRICK EARLY GIANT. A large-earred, 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. Pkt., 10c; pt., 25c; qt., 45c; 2 qts., 80c; pk., $2.50.

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.
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; ¼ lb., 75c.

Arlington White Spine. Straight, symmetrical fruits; suitable for forcing or in the garden. Pkt., 10c; oz., 20c; ¼ lb., 55c.

COOL AND CRISP. Long, dark green; finest quality; bears through a long season. Pkt., 10c; oz., 25c; ¼ lb., 80c.

Davis Perfect. A favorite sort. Slender, dark green fruits; tender and fine for slicing. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Early Fortune. An early variety, about 8 inches long, with few seeds; rich dark green in color. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Extra Long or Evergreen White Spine. Very long fruits, rich dark green; flesh white, firm and crisp. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Forcing White Spine. A splendid free-growing strain for forcing. Pkt., 25c; ½ oz., 75c; oz., $1.55.

Fordhook Famos. Extra large fruits; flesh thick, crisp and fine flavored. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Improved Long Green. Very long, slender, smooth, dark green fruits. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Japanese Climbing. A climbing variety. Fruits 10 to 12 inches long; fine for slicing. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Pickling Varieties

CHICAGO PICKLING. A prolific bearer of very uniform, medium sized fruits. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Green Prolific or Boston Pickling. Short, smooth, bright green; fine for pickles. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Jersey Pickle. Fruits are light green, long and slender. Productive. Pkt., 10c; oz., 20c; ¼ lb., 50c.


West India Gherkin. Small fruits, 2 to 3 inches long, covered with spines. Pkt., 10c; oz., 20c; ¼ 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., 60c.

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 2 feet apart each way.

One ounce of seed will produce 1000 plants.

Black Beauty. Early; fruits large and almost black. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

New York Improved Purple. Large, smooth, dark purple fruits; prolific. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.
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 1½ 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-Leafed Batavian (Escarole). Fleshy leaves, not fringed, used largely for soups and stews. Pkt., 10c; oz., 20c; ½ lb., 65c.

GIANT FRINGED. Large plants with finely fringed and curled tender green leaves. Pkt., 10c; oz., 20c; ½ lb., 65c.

Large Green Curled. The standard variety. Hardy; blanches golden white. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

Fancier. Strong grower with heavily curled, deep green leaves. Ribs are slightly tinted rose. Blanches easily. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

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 2½ 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 CURLIED SCOTCH. Hardy, low-growing and bushy, with tender, curly, deep green leaves. Pkt., 10c; oz., 20c; 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; 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; 1/4 lb., 75c.

Large American Flag. A popular large variety of good quality. Pkt., 10c; oz., 25c; 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 1½ 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; 1/4 lb., 35c.

GIANT SOUTHERN CURLIED. Grows 2½ feet tall; leaves broad, mild and tender when young. Pkt., 10c; oz., 15c; 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; 1/4 lb., 35c.

White London. Leaves used for salads when young; the seed for flavoring pickles. Pkt., 10c; oz., 15c; 1/4 lb., 35c.
LETTER

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 hothed 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; ¼ 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; ¼ lb., 60c.

Early Curled Simpson. Gives quick results in the home garden. Broad, crumpled, yellowish green leaves of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 60c.

The Morse. Outer leaves light green; inner leaves blanched light yellow. Vigorous and a good forcer. Short crop. Pkt., 10c; oz., 40c; ¼ lb., $1.25.

Cabbage or Butterhead

May King. Early. Fine for the first sowing. Medium sized heads, blanching to golden yellow in the center; tender and fresh quality. Pkt., 10c; oz., 20c; ¼ 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; ¼ lb., 65c.

Mammoth Black-Seeded Butter. Late. Big heads with broad, crumpled leaves; always tender and of fine quality. Pkt., 10c; oz., 20c; ¼ 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; ¼ 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; ¼ 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; ¼ 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; ¼ 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; ¼ 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; ¼ lb., $1.00.

Brown Curled or Chartier. Medium size. Leaves medium brown and finely curled at the edges. Loosely folded heads, fine quality. Pkt., 10c; oz., 20c; ¼ lb., 65c.

Improved Hanson. Loose heads of crumpled light green leaves. A reliable Summer Lettuce for home gardens. Pkt., 10c; oz., 20c; ¼ lb., 65c.

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; ¼ lb., 65c.
MUSkmELON

Muskmelons or Cantaloupes require a warm, rich soil. Prepare hills 6 feet apart by digging in rotted 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 2 or 4 plants in a hill. Plant the melons by dusting the young plants with Slug Shot and spray the vines with Pyroxi. 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; ¼ lb., 60c.

Extra Early Knight. Oblong, with dark green, netted skin and rich, sweet green flesh. Pkt., 10c; oz., 20c; ¼ 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; ¼ lb., 60c.

Netted Gem. Small, round, heavily netted, with green flesh of superb quality. Late. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Tip Top. Large, ribbed fruits with thick orange flesh of best quality. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Honey Dew. Too well known to need description. Can be successfully grown in the third month started indoors in berry boxes or square pieces of sod so that the roots need not be disturbed in transplanting. Pkt., 10c; oz., 20c; ¼ 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; ¼ lb., 60c.

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; ¼ lb., 50c.

FLORIDA FAVORITE. Oblong; of medium size; striped light and dark green. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Kleckley Sweets. The sweetest variety. Long, dark green, with crisp, red flesh. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Citron, Red-Seeded. Flesh thick and white, used for preserving. Pkt., 10c; oz., 20c; ¼ 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.

Brick, 30c., (postpaid, 40c.); 10 bricks, $2.50; 50 bricks, $10.00; 100 bricks, $15.00.

Bottle Spawn. $1.25, postpaid.

Horse-Radish Roots

Maliner Kren. The best variety. Disease-resistant and a quick grower. 46c 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 1½ 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; ¼ lb., 35c.

White Velvet. Long, smooth, almost white pods. Pick when young and tender. Pkt., 10c; oz., 15c; ¼ 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 1½ feet apart and cover the seed about ½ inch deep. Thin 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; ¼ lb., 50c.

Lisboais. Similar to Hollow Crown but white and smooth skinned. Fine quality. Pkt., 10c; oz., 20c; ¼ lb., 50c.
ONIONS

A fine, prepared, mellow soil, well fertilized, is need-ed 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 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., 10c; 1/4 oz., 30c; oz., 50c.

**Gigantic Gibraltar.** Very similar to Ailsa Craig. Strong grower with mild sweet flesh. Pkt., 15c; 1/4 oz., 30c; oz., 50c.

**Yellow Globe Danvers Onion.**

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

**Prizetaker.** Globe-shaped, with golden brown skin and mild, crisp, sweet, white flesh. Pkt., 10c; 1/4 oz., 20c; oz., 35c; 1/2 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; 1/4 oz., 25c; oz., 45c; 1/2 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; 1/4 oz., 20c; oz., 35c; 1/2 lb., $1.10.

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

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

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

**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.
PARSLEY

Sow in early Spring in rows 1 foot apart and cover firmly ¼ 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; ¼ lb., 50c.

Dwarf Extra Curled. Compact in growth, with beautiful, densely curled leaves, bright emerald green. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Plain-Leaved. Taller and more strongly flavored than the curled sorts. Pkt., 10c; oz., 20c; ¼ 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; ¼ lb., 50c.

Hamburg Extra Long Rooted. Roots narrower and much longer than the preceding. Pkt., 10c; oz., 20c; ¼ lb., 50c.

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 8 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., 30c; pt., 35c; qt., 60c; 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.

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.
Beets, July 15.
Carrots, July 15.
Corn Salad, Aug. 15.
Sweet Corn, July 15.
Cucumber, July 15.
Endive, Aug. 1.

Kale, Aug. 1.
Lettuce, Aug. 15.
Mustard, Aug. 15.
Pumpkin, July 15.
Radish, Sept. 1.
Early and Second Early

AMERICAN WONDER. Follows Gradus. Vines 1 foot high, loaded with medium sized pods. Pkt., 10c; pt., 35c; qt., 65c; 2 qts., $1.20; pk., $4.00.

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., 65c; 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.

Inoculate Your Peas With Farmogerm
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; ¼ 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; ¼ oz., 30c; oz., 50c; ¼ lb., $1.50.

Bulbrose or Large Bell. Good sized, square fruits; usually quite strong in flavor. Pkt., 10c; ¼ 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; ¼ oz., $1.00; oz., $1.75; ¼ lb., $6.95.

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, strongly flavored. Pkt., 10c; ¼ 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., 55c; 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 will sow 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., 60c; 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.

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.
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., 20c; ¼ 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; ¼ 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; ¼ lb., 55c.


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; ¼ 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; ¼ lb., 50c.

Long Scarlet Short Top. Bright scarlet roots, 5 to 6 inches long. Good forcing variety. Pkt., 10c; oz., 20c; ¼ 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; ¼ lb., 50c.

CHARTIER'S IMPROVED. Crisp, tender and mild, even in the hottest weather. Long, smooth roots; rose shading to white at tip. Pkt., 10c; oz., 20c; ¼ lb., 50c.

WHITE STRASSBURG. Roots 5 inches long and 1½ inches thick. Skin and flesh pure white. Pkt., 10c; oz., 20c; ¼ lb., 50c.

GIANT STUTTGART. The largest and latest of this class. Globular in shape; pure white. Pkt., 10c; oz., 20c; ¼ lb., 50c.

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; ¼ 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; ¼ lb., 50c.

WINTER RADISHES

See following page.

Scarlet Globe Radishes.

White Icicle Radishes.
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 6 inches broad. Grayish black skin and crisp, pungent, white flesh. The best keeper. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Round Black Spanish.** Round in shape but otherwise similar to the preceding. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**White Chinese or Celestial.** Cylindrical, often 12 inches long and 5 inches in diameter. Skin and flesh white. Pkt., 10c; oz., 20c; ¼ 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; ¼ 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; ¼ lb., 40c; lb., $1.25.

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**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; ¼ 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; ¼ lb., 35c; lb., 85c.

**JULIANA.** Rich dark green, deeply crumpled leaves. Stands two weeks longer than Long Season before shooting to seed. Oz., 15c; ¼ lb., 35c; lb., 85c.

**Large Round Thick-Leaf.** A flat, spreading variety with large, thick, crumpled leaves. Oz., 10c; ¼ lb., 25c; lb., 60c.

**Long Season.** Fine for second early. Thick, crumpled, dark green leaves. Oz., 10c; ¼ lb., 25c; lb., 60c.

**Long Standing or Prickly Winter.** The best variety to sow in the Fall for early Spring use. Oz., 15c; ¼ lb., 35c; lb., 85c.

**Triumph.** A vigorous, productive strain with heavy, crinkled leaves; long standing Oz., 10c; ¼ lb., 25c; lb., 60c.

**VICTORIA.** Long Season type of extra-fine quality, compact in growth and long standing. Oz., 10c; ¼ lb., 25c; lb., 60c.

**New Zealand.** A distinctive 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. Sow the seed for several hours before planting to hasten germination. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.00.

If you are not familiar with varieties, you can safely order those printed in CAPITALS.
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; ¼ lb., 60c.

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; ¼ lb., 65c.

LONG ISLAND WHITE BUSH. Earlier and less scalloped than Mammoth White Bush. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Mammoth White Bush. Fruits 10 to 12 inches across; of uniform shape, flattened, scalloped; pure white in color. Pkt., 10c; oz., 20c; ¼ lb., 60c.

White Vegetable Marrow. Similar to Cocozelle but larger and later. Skin light green; flesh white. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Yellow Summer Crookneck. Golden yellow, thickly warded and of fine flavor. One of the best Squashes for the home garden. Pkt., 10c; oz., 20c; ¼ 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; ¼ 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; ¼ lb., 75c.

Hubbard, Golden. Same as Hubbard Improved, but skin is deep orange-yellow. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Hubbard, Improved. The old favorite. Fruits large; skin dark green; flesh yellow and tender. Pkt., 10c; oz., 20c; ¼ 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; ¼ lb., 60c.

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 new variety have shown it to be a great improvement over the old type. Pkt., 25c; ½ oz., 55c; oz., $1.00; ¼ lb., $2.50.

BEAUCY. A favorite large, pink or purplish-fruited, main crop variety. Productive. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ 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; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

Buckeye State. An extra large, purplish-fruited Tomato that gives remarkable crops of handsome fruit on rich, mellow soil. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ 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; ½ oz., 55c; oz., 60c; ¼ lb., $1.75.

Dwarf Champion. Dwarf, bushy growth. Medium early and productive. Good sized, smooth, pink fruits of fine quality. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

Dwarf Giant or Dwarf Ponderosa. A dwarf strain with the giant size and superb flavor of Ponderosa. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

Dwarf Stone. Fruits large and bright scarlet, like Stone but dwarf in growth. Quality excellent. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

Blue Hubbard Squash.
Earlana Tomatoes.

**TOMATOES—Continued.**

**Duke of York.** Extra large, smooth, heavy, purple fruits; productive. Pkt., 10c; ½ lb., 35c; oz., 75c; ¼ lb., $1.25.

**Earlana Special.** The standard extra early. Good sized, bright red fruits; bears throughout the 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., 55c; oz., 60c; ¼ lb., $1.75.

**John Bauer.** Follows right after Earlana: 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 Earlana 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.

**Wayah Head.** A new extra early which out-yields Earlana, 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.

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**Forcing Tomatoes**

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

**Comet.** Lister's Prolific. Sterling Castle. Each, pkt., 10c; ½ oz., 40c; oz., 75c.

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**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 2½ bush. 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 heartily 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.

**S. 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.
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., 50c.

**Dill.** Annual. Used as a condiment and for making Dill pickles. Pkt., 10c; oz., 25c.

**Fennel, Florence** (Finocchio). Perennial. The thickened leaf stalks are boiled like celery. Flavor is very sweet and delicate. Pkt., 10c; oz., 25c.

**Horehound.** 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., 25c.

**Martynia Probuscida.** Annual. Young seed pods used for pickling. Pkt., 10c; oz., 50c.

**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., 25c.

**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.

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**RUTABAGA or SWEDEN**

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., 0c; ½ lb., 35c; lb., 50c.

**Swede 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., 50c.

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**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; ½ lb., 50c; lb., $1.40.

**Purple-Top White Globe.** Handsome, globular roots, white with the upper portion bright purple. Splendid keeper. Pkt., 10c; oz., 15c; ½ lb., 35c; lb., 50c.

**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., 50c.

**Purple-Top Strap-Leaf.** Good for early Spring or Fall use. Flat white roots with purple top. Good table quality. Pkt., 10c; oz., 15c; ½ lb., 35c; lb., 50c.

**Large White Globe.** Large roots; skin and flesh white. Fine for stock. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 50c.

**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., 50c.

**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.

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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.
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 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 seeds are started indoors in March or April and the plants set out in the garden late in May. Half-hardy biennials and perennials should be watered 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 place where they are to bloom the following season. Perennials which bloom the first season should be sown in boxes 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 half their full grown height; however, a distance of 1 1/2 feet is ample space between very tall-growing plants.

All Flower Seeds Are Sent Postpaid
Ageratum - Flossflower

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 earlier 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.

Alyssum

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.
615 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.
Antirrhinum - Snapdragon

General favorites, bearing long spikes of variously colored flowers all Summer. The dwarf kinds are splendid for low beds, borders, and 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 during May or June; 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 ft. tall and very sturdy. See illustration.

681 Apple Blossom. Rose-pink, with yellow lip.
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.
689 Ruby. Velvety ruby-red.
690 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.

SELECTED LARGE-FLOWERING TALL.

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

711 Garnet. 713 Rose. 715 White.
712 Pink. 714 Scarlet. 716 Yellow.
720 Best Mixture. All colors.

Any of the above, pkt., 10c; ½ oz., 40c.

720 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; ½ 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.


640 AMPELOPSIS Veitchii (Boston Ivy). Pkt. Hardy climber for covering walls, pergolas, etc. Leaves turn to brilliant autumnal colors in the Fall. Pkt., 10c; oz., 50c.

651 ANCHUSA capensis (Cape Forget-me-not). Ht. 1½ ft. Plants bushy, 2 ft. tall, and bear a profusion of light blue forget-me-not-like flowers. Pkt., 10c; ½ oz., 25c.

652 ANCHUSA italica, Dropmore (Alkanet). Pkt. One of the finest deep blue hardy perennials. Blooms are like those of A. capensis but deeper blue. Height 4 to 5 ft. Pkt., 10c; ½ oz., 50c.

670 ANTHEMIS tinctoria Kelwayi (Golden Marguerite). Pkt. Bears large, yellow, daisy-like flowers on long stems, from midsummer until frost. 2 ft. Pkt., 10c; ½ oz., 50c.

ANTMONE (Windflower). Pkt. 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

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 Canadian. Red and yellow. Pkt., 10c.
741 CAERULEA. Blue and white. Pkt., 10c.
744 Mrs. Elliot's Strain. Long-Spurred Hybrids. A superb hybrid strain with exceptionally long-spurred flowers in a great variety of beautiful shades. Pkt., 25c; ⅛ oz., 75c.
746 Single Mixed. All colors. Pkt., 10c; ¼ oz., 25c.
747 Double Mixed. All colors. Pkt., 10c; ¼ oz., 30c.

Aster

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 durt-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.

336 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.
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.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimson</td>
<td>901 Crimson</td>
</tr>
<tr>
<td>Lavender</td>
<td>904 Lavender</td>
</tr>
<tr>
<td>Dark Blue</td>
<td>902 Dark Blue</td>
</tr>
<tr>
<td>Flesh Pink</td>
<td>903 Flesh Pink</td>
</tr>
<tr>
<td>White</td>
<td>906 Pure White</td>
</tr>
<tr>
<td>All Colors Mixed</td>
<td>910 All Colors Mixed</td>
</tr>
</tbody>
</table>

Each, pkt. 10c; ½ 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.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Blue</td>
<td>844 Light Blue</td>
</tr>
<tr>
<td>Lavender</td>
<td>842 Lavender</td>
</tr>
<tr>
<td>Deep Rose</td>
<td>841 Deep Rose</td>
</tr>
<tr>
<td>Mixed</td>
<td>840 Mixed</td>
</tr>
</tbody>
</table>

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

849 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.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimson</td>
<td>801 Crimson</td>
</tr>
<tr>
<td>Shell Pink</td>
<td>804 Shell Pink</td>
</tr>
<tr>
<td>Dark Blue</td>
<td>802 Dark Blue</td>
</tr>
<tr>
<td>Rose-Pink</td>
<td>803 Rose-Pink</td>
</tr>
<tr>
<td>Pure White</td>
<td>806 Pure White</td>
</tr>
<tr>
<td>All Colors Mixed</td>
<td>810 All Colors Mixed</td>
</tr>
</tbody>
</table>

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

899 Collection: One pkt. of each of the above 5 colors, 50c.
**GIANT BRANCHING COMET ASTERS.** A late Ostrich Feather type, blooming shortly after the King or Needle type.

- **951 Crimson.**
- **952 Dark Blue.**
- **953 Light Blue.**

**860 All Colors Mixed.**

Each, pkt., 10c; ¼ oz., 60c; oz., $2.00.

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

**NEW GIANT SINGLE ASTER (Single sinensis).** 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; ¼ oz., 50c.

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

- **811 Lavender.**
- **812 Pink.**
- **820 All Colors Mixed.**

Each, pkt., 10c; ¼ 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.**
- **882 Dark Blue.**
- **883 Light Blue.**

**890 All Colors Mixed.**

Each, pkt., 10c; ¼ oz., 60c; oz., $2.00.

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

**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; ¼ oz., 75c.

**936 HARDY ASTER, MIXED (Michaelmas Daisy).** PH. Tall, bushy plants covered with small, single, blue, mauve, pink, and white flowers in late fall. Pkt., 15c.
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-Pink. 966 White.

970 All Colors Mixed.

Each, pkt., 10c; ½ 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.

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


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

1020 BOLTONIA latissuama. 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 shrubbery borders. Pkt., 10c.

ASPARAGUS. PT. Attractive greenhouse semi-trailing vines.

781 plumosus manus. 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; ½ oz., $1.00.

1002 monstrosa, White. Double; pure white. Pkt., 25c; ½ oz., $1.00.

1003 monstrosa, Red. Double; blood-red. Pkt., 35c; ½ oz., $1.00.

1004 monstrosa, Mixed. Pkt., 20c; ½ oz., 90c.

1005 Longfellow. Double, free-blooming pink. Pkt., 15c; ½ oz., 75c.

1006 Snowball. Double, free - blooming white. Pkt., 15c; ½ oz., 75c.

1010 BLUE LACE FLOWER—Didiscus.

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; ¼ oz., 40c.

1024 BROWALLIA elata, Mixed (Amethyst). AHH. Bushy plants 1½ feet tall, covered with blue or white star-shaped flowers. Blooms all season. Pkt., 10c; ¼ oz., 35c.

1026 CACALIA, Mixed (Tassel-flower). AH. Plants 1½ 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 stagger. 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 - 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; ¼ oz., 30c.
1052 Golden Ray. Dwarf; bright yellow. Pkt., 10c; ¼ oz., 30c.
1053 Tiger Star. Dwarf; reddish brown, striped with yellow. Pkt., 10c; ¼ oz., 30c.
1054 Crown of Gold. Pure yellow; grows 2 to 3 feet tall and is extra-fine for cutting. Pkt., 10c; ¼ oz., 30c.
1055 Golden Wave (C. Drummondii). Medium height; golden yellow with brown eye; very showy. Pkt., 10c; ¼ oz., 30c.
1057 Tall Mixed. Pkt., 10c; ¼ oz., 25c.
1058 Dwarf Mixed. Pkt., 10c; ¼ 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 (Centauria 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; ½ oz., 30c.

1075 Double Mixed. Pkt., 10c; ¼ oz., 50c.

35

CUP-AND-SAUCER CANTERBURY BELLS (C. Medium caeycanthema). 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; ½ oz., 50c.

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

1091 Blue. 1092 White.
Each, pkt., 10c; ½ oz., 50c.

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

1101 Blue. 1102 White.
Each, pkt., 20c; ¼ oz., $1.00.

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

1111 Blue. 1112 White.
Each, pkt., 10c; ¼ oz., 50c.

ROCK GARDENS

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

Campanula Medium.

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 alystum 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; ¼ oz. 25c; oz. 75c.

1132 Lavender. 1133 Crimson.
1134 Rose-Cardinal.
Each, pkt., 10c; ½ oz., 30c; oz., 50c.

1135 Sweet-Scented. A distinct type, very dwarf, with fragrant white flowers. Pkt., 10c; ¼ oz. 25c; oz. 75c.

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

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

1151 gibraltarloa. Lilac-pink. Height, 1 ft. Pkt., 10c; ¼ oz. 40c.

1152 sempervirens. Snowy white; early. Height, 6 in. Pkt., 10c; ¼ oz. 75c.
Carnation—Marguerite.

Carnation - Marguerite

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.


1170 CARDINAL CLIMBER (Ipomoea quamoclit hybrid). AHH. 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). AHH. 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.


CANNA ROOTS. See page 62.

Celosia - Cocksscomb AHH

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


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; ¼ 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., 50c.

CHINESE WOOLFLOWER (G. 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; ¼ oz., 40c.

Celosia—Chinese Woolflower.
Centaura

A group of popular and easily grown annuals and perennials.

**Cyanus** (Cornflower, or Bachelor's Button). AH. Also known as Ragged Sailor and Bluebells 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.

**Varying Flowering Varieties**

1261 Americana (Basketflower). AH. Rosy lilac flowers of giant size. Height 4 to 5 feet. Pkt., 10c; ¼ oz., 30c.

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.

1286 Candidissima. Finely cut leaves. Pkt., 10c; ¼ oz., 50c.

1287 Gymnocarpa. Velvety leaves. Pkt., 10c; ¼ oz., 40c.

1280 **Cerastium 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.
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.


1306 Shasta Daisy, Alaska. PH. One of the largest and finest strains of the big white Shasta Daisy. Pkt., 25c.
Cosmos

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; ¼ oz., 20c.

**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, White.
1412 Lady Lenox, Pink.
1420 Late Giants Mixed.
Each, pkt., 10c; ¼ 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; ¼ oz., $1.00.

Late Double Crested.
1431 Crimson. 1433 White.
1432 Pink.
1440 Mixed Colors.
Each, pkt., 15c; ¼ oz., 60c.

**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.
1323 Large-flowered, Medium Tall, Mixed. Pkt., 50c.
1324 Matador. 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 cleft foliage. Pkt., 10c.

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**TEN BEST CUT FLOWERS**

<table>
<thead>
<tr>
<th>Aster.</th>
<th>Marigold.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calliopsis.</td>
<td>Nasturtium.</td>
</tr>
<tr>
<td>Centaurea.</td>
<td>Scabiosa.</td>
</tr>
<tr>
<td>Cosmos.</td>
<td>Sweet Peas.</td>
</tr>
<tr>
<td>Larkspur.</td>
<td>Zinnia.</td>
</tr>
</tbody>
</table>
Dahlia Seed

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; ½ oz., 75c.
1492 Double Large-flowering Mixed. Pkt., 15c; ½ oz., 50c.
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; ½ oz., $1.00.
1553 Everblooming (D. semperflorens). Extra-fine single and semi-double flowers produced over a long season. Pkt., 15c; ⅛ oz., $1.00.
1554 Allwoodi (Perpetual Blooming Pink). Blooms continuously from spring until frost. Wide range of colors and exquisitely sweet scented. Pkt., 35c.

Delphinium - Hardy Larkspur

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; ⅛ oz., $1.25.
1514 Double-flowered Hybrids. Pkt., 15c; ⅛ 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.
1462 Rose.
1463 Salmon.
1467 Salmon-Rose.

Each, pkt., 75c; 100 seeds, $3.50.
1470 Giant Mixed. Pkt., 50c; 100 seeds, $2.50.

BEST FLOWERS FOR EDGING

Ageratum.
Eschscholtzia.
Alyssum.
Phlox, Cecily.
Dimorphotheca.
Portulaca.

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.
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. lacinatus). Large flowers with fringed petals; many colors. Pkt., 10c; ¼ oz., 30c.

1537 Choice Single Mixed. Pkt., 10c; ¼ oz., 50c.

1538 Finest Fringed Mixed. Pkt., 10c; ¼ oz., 40c.

**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.
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 BH

Stately plants, producing long spikes of nodding, bell-shaped blossoms in June. They are ideal for the shrubbery 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. mons-trosa). BH. Large spikes with the top flowers united in one mammoth double bell. Pkt., 15c; ¼ oz., 60c.
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 auranita. Golden orange. Pkt., 10c; ¼ oz., 50c.
1572 auranita hybrids. New shades, including cream, yellow, deep orange, etc. Pkt., 30c.

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 buds.
1582 Daylight. Green foliage; white flowers.

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

1590 DRACAENA (Cordyline) indivisa. PT. Ornamental-leaved, tropical plants for the conservatory. Pkt., 10c.

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.

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.

1652 AMMØBIUM (Winged Everlasting). Similar to the above with white flowers. Pkt., 10c; ¼ oz., 25c.
1653 GOMPHRENÁ (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.
1662 Gold Ball.
1663 Silver Ball.

1664 Fireball.
1665 Rose.
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 5 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). Pkt., 10c; ½ oz., 35c.

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


1646 marginata (Snow-on-the-Mountain). Leaves broadly edged and marked with white. Pkt., 10c; ¼ 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 Hybrida (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

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 ¼ 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.

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 amblyodon. Large, single, maroon-red flowers. Pkt., 10c; ¼ oz., 35c.

1722 The Bride. Double; creamy white. Pkt., 10c; ¼ oz., 35c.

1723 pucta, Single Mixed. Flowers of various colors, with zones or tips of distinct shades. Pkt., 10c; ¼ oz., 25c.

1724 puesta Loreziana, Double Mixed. Fine double flowers of the Picta type. Pkt., 10c; ¼ oz., 35c.

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; ¼ oz., 40c.

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

1733 Hybrida Mixed. Gorgeous colors. Pkt., 15c; ¼ oz., 50c.

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

GODETTIA. 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; ¼ oz., 30c.

1782 Gloriosa. Large; blood-red. Pkt., 10c; ¼ oz., 30c.

1783 Rosamond. Glowing pink. Pkt., 10c; ¼ oz., 30c.

1784 Choice Mixed. All colors. Pkt., 10c; ¼ oz., 25c.

1833 GREVILLEA robusta (Silk Oak). PT. Easily grown pot-plants with handsome foliage. Pkt., 10c; ¼ oz., 35c.

Four O'clock—Mirabilis.

Perennial Gaillardia.
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 Ruppelli (Fountain Grass). AH. Purple plumes.

1815 Zea Mays japonica (Rainbow Corn). AH. Gorgeously striped leaves.

1816 Erianthus Ravennae (Rainbow 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.

GYPSOPHILA (Baby's Breath). Graceful plants with small flowers and misty foliage nice for “background” in bouquets.

1841 elegans abo. AH. Large-flowered white. Pkt., 10c; oz., 25c.

1842 elegans. Rose. AH. Pkt., 10c; oz., 35c.


1844 paniculata. PH. Pure white flowers borne in large, misty sprays. Pkt., 10c; 1/4 oz., 30c.


Gypsophila Paniculata—Baby’s Breath.

HELIOTROPE (Cherry Pie). PT. Praised 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. AH. 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., 50c.

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.


1870 PERENNIAL SUNFLOWERS, Chloest 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.


1848 Riverton Gem. Orange, black center. Pkt., 15c; 1/4 oz., 50c.

1890 HEDPERIS matronalis (Sweet Rocket). PH. Plants 2 feet high, resembling stocks. Flowers purple and white; old favorites, easy to grow. Pkt. 10c; 1/4 oz., 25c.

1950 HUNNEMANIA fumariaefolia (Golden Cup). AH. The Giant Yellow Tulip Poppy. Bushy plants, 1 1/2 feet tall, with large, golden yellow flowers, very similar to California poppies. July to frost. Pkt., 10c; 1/4 oz., 25c.

BIRDHOUSES are easily made from the Hercules Club and Dipper Gourds listed above. Rustic Cedar Bird Houses. See page 79.
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; ¼ oz., 40c.

1902 Golden Bowl. Creamy yellow, maroon eyes. Pkt., 10c; ¼ 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; ¼ oz., 50c.

Hollyhocks DH

For tall backgrounds, hedges, and for filing 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; ¼ 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; ¼ oz., 50c.

1933 Annual Everblooming. Mixed. A true perennial form which, however, blooms the first season from spring-sown seed. Double flowers. Pkt., 10c; ¼ oz., 50c.


Kochia Tricophylia—Burning Bush

IMPATIENS. PT. Continuous blooming pot plants for greenhouse or conservatory. Bushy growth and very floriferous.


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; ¼ oz., 30c.

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; ¼ oz., 25c.

1985 LANTANA, Finest Mixed. PHH. Quick-growing plants with bright, verbena-like flower clusters. Pkt., 10c; ¼ 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; ¼ 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.


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 Marocca Hsibids (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.
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.

Larkspur

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.

Each, pkt., 10c; ¼ oz., 25c.


1999 Collection: One pkt. of each of above 6 colors. 30c.

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.


2077 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; ½ oz., 40c.


2080 LUNARIA (Honesty). BH. Its round, flat, silver transparent seed-pods make interesting decorations when combined with winter bouquets. Pkt., 15c.

2140 LYTHRUM roseum superbum (Loose-stripe). PH. Long spikes of bright rose flowers, in late summer; prefers moist spots. Height, 4 to 5 ft. Pkt., 15c.

LYCHNIS. PH. Brilliant border perennials; easy to grow.


2132 Haageana. Dwarf plants with very large flowers; shades of red and pink. Pkt., 15c.


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.
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; ¼ oz., 40c.
- **2152 Lemon Queen.** Extra-large, clear lemon-yellow. Height, 2½ ft. Pkt., 16c; ¼ oz., 50c.
- **2153 Orange Prince.** A companion to Lemon Queen. Bright orange. Pkt., 10c; ¼ oz., 30c.
- **2154 Tall Double, Mixed.** Pkt., 10c; ¼ oz., 30c.
- **2155 Dwarf Pride of the Garden.** Large, golden yellow flowers. Height, 1 ft. Pkt., 10c; ¼ oz., 40c.
- **2156 Dwarf Double, Mixed.** Pkt., 10c; ¼ 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; ¼ oz., 30c.
- **2162 Golden Ball.** Pure yellow. Pkt., 10c; ¼ oz., 30c.
- **2163 Mahogany.** Reddish brown. Pkt., 10c; ¼ oz., 30c.
- **2164 Dwarf Double, Mixed.** Pkt., 10c; ¼ oz., 25c.

**SINGLE FRENCH DWARF.**
- **2172 Legion of Honor.** Yellow, spotted brown; very bright. Pkt., 10c; ¼ oz., 30c.
- **2173 Dwarf Single Mixed.** Pkt., 10c; ¼ 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).** AH. An interesting plant with a transparent coating which looks like ice on stems and leaves. Pkt., 10c; ¼ oz., 25c.
- **2230 MIMOSA pudica (Sensitive Plant).** AH. A unique plant with leaves that close and droop when touched. Pkt., 10c.
- **2240 MIMULUS moschatus (Musk Plant).** PHT. 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; ¼ oz., 30c.
- **2222 Golden Queen.** Yellow. Pkt., 10c; ¼ oz., 50c.
- **2223 Goliath.** Giant flowers of deep red. Pkt., 15c; ¼ oz., 50c.
- **2224 Machet.** Reddish tinted. Pkt., 10c; ¼ oz., 30c.
- **2225 Old-fashioned Sweet-scented.** Small flowers but very fragrant. Pkt., 10c; ¼ oz., 20c; oz., 35c.

**MOMORDICA.** AHH. Vines with ornamental foliage and peculiar warty 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 \textit{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.

2281 \textit{alpestris}, Royal Blue. PH. Deep blue flowers. Best as an annual. Height, 9 in.

2282 \textit{alpestris alba}. Pure white.

2283 \textit{alpestris rosea}. Rose-pink. Each, Pkt., 10c; 1\text{lb}, 50c.

2284 \textit{dissitiflora}. BIH. Flowers very large, rich blue. Pkt., 25c.

2285 \textit{palustris semperflorens}. PH. Dwarf, compact, blooming all summer. The most popular type. Pkt., 15c; 1\text{oz}, 75c.


2287 Victoria. PH. Fine free-blooming sort; flowers very quickly from spring sowings. Pkt., 15c; 1\text{oz}, 50c.

2288 Choice Mixed. PH. Pkt., 10c; 1\text{oz}, 50c.

2280 \textit{MUSA ensete} (Abbyssinian Banana). PT. Handsome conservatory plant. May be used outdoors in the summer. Pkt., 25c.

2330 \textit{NEMESIA} Suttoni, Large-flowered, Mixed. AHH. Bushy plants 1 foot high, with flowers similar to miniature snapdragons. Bright colors. Pkt., 10c.

2340 \textit{NEMOPHILA}, Mixed. (Baby-blue-eyes) AH. Cup-shaped flowers, white and shades of blue; all summer. Height, 1 ft. Pkt., 10c.

2350 \textit{NIGELLA} (Love-in-a-mist). AH. Erect, sturdy plants with pretty flowers surounded by feathery foliage. Height, 15 in.


2362 Miss Jekyll. Large, double, deep blue flowers; excellent for cutting. Pkt., 10c; 1\text{oz}, 25c.

2350 \textit{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 \textit{affinis} Hybrids. Flowers pure white. Pkt., 10c; 1\text{oz}, 25c.

2352 \textit{affinis Hybrids}. Shades of pink and red. Pkt., 10c; 1\text{oz}, 30c.

2353 \textit{Sanderan Hybrids}. Not so tall as \textit{N. affinis} but larger flowered. Many shades of red and lavender. Pkt., 1\text{oz}, 35c.

2354 \textit{sylvestris}. Large white flowers. Pkt., 10c; 1\text{lb}, 30c.

The Ever Popular Nasturtium.

\textbf{Nasturtium \textit{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 \frac{1}{2} inch deep.

\textbf{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; \frac{1}{2} lb., 60c; \frac{1}{2} 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; \frac{1}{2} lb., 50c; lb., $1.50.

\textbf{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; \frac{1}{2} lb., 60c; \frac{1}{2} lb., $2.00.

2319 Collection: One pkt. of each of the above 7 colors, 60c.

2320 Choicest Tall Mixed. Pkt., 10c; oz., 15c; \frac{1}{2} lb., 56c; lb., $1.50.
Pansies

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; 1/4 oz., $1.75; 1/8 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; 1/8 oz., $1.00.

2402 Cassier's Giants. Large flowers with well-defined blotches. Pkt., 25c; 1/8 oz., $1.00.

2403 Masterpiece. A giant-flowered strain with distinctly waved and frilled petals. Pkt., 25c; 1/8 oz., $1.00.


GIANT TRIMARBEAU PANSIES. A famous large-flowered French strain; sturdy in growth and excellent for bedding.

2410 Adonis. Light blue.


2412 King of the Blacks. Velvety coal-black.

2413 Lord Beaconsfield. Violet, shaded white.


2415 Snow Queen. Pure white.

2416 Victoria. Claret-red with darker shadings.

2417 White with Purple Eye. Very effective.

2418 Yellow with Dark Eye. Extra large. Each, pkt., 15c; 1/4 oz., 65c; 1/2 oz., $1.50.

2420 Trimarbeau Mixed. Pkt., 15c; 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.


2423 Butterfly (V. papilio). Lavender-purple.

2424 White Perfection. Fine pure white.

2430 Mixed. The above and many others. Ench, pkt., 15c; 1/4 oz., 75c.

2431 VIOLA odorata (Sweet-scented Violet). The true Sweet-scented Violet. Pkt., 15c.

2371 OENOTHERA Lamarckiana (Evening Scented Primrose). BH. Plants 3 feet high, bearing very fragrant bright yellow flowers. Pkt., 10c; 1/4 oz., 25c.

2372 missouriensis (Ozark Sundrops). PH. Trailing stems bearing large, yellow, poppy-shaped flowers. Pkt., 10c.

2380 OXALIS tropaeolooides. Small yellow flowers and showy brown foliage; nice for beds and pots. Height, 6 in. Pkt., 10c.

PENSTEMON (Beard Tongue). PH. Very showy plants, requiring a rich soil and sunny situation. Flowers in many shades, borne on long spikes. Height, 2 ft.


2442 Mixed. Many colors. Pkt., 10c.

Tufted Pansies.
Petunia 

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.

Balcony Petunia. Vigorous, trailing plants with profuse blooms of large size. The best single Petunias for window boxes and fine for bedding.


2462 Balcony, Rose.

2463 Balcony, Crimson.

2464 Balcony, White.

2466 Balcony, Mixed.

Each, pkt., 15c; ½ oz., 75c.

Balcony Petunia.

Bedding Petunia. 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 blush-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 Cholcest 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

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.

Phlox Drummondii—Unexcelled for Bedding.

Each, pkt., 10c; ¼ oz., 50c.

2499 Collection: One pkt. of each of the above 7 colors, 50c.

2500 Choicest Mixed. Pkt., 10c; ¼ oz., 40c.

2501 Starred and Fringed, Mixed (P. cuspidata). Petals deeply cut and fringed in various star shapes. Pkt., 10c; ¼ 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; ½ oz., 75c.

2505 Phlox decussata, Choicest Mixed. Pkt., 10c; ½ oz., 50c; 1 oz., 100c.

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 well seeded 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; ¼ oz., 25c.


2543 The Bride. Large; pure white. Pkt., 10c; ¼ oz., 25c.

2544 Dannebrog, or Danish Flag. Scarlet; marked with white in the shape of a cross. Showy. Pkt., 10c; ¼ oz., 25c.

2545 Tulip (Papaver glaucum). Flaming cardinal-red, cup-shaped flowers; extra-fine. Pkt., 10c; ¼ oz., 25c.

2546 Shirley, Mixed. The most popular variety for bedding. Lovely shades of red, pink, salmon, and white. Height, 1½ ft. Pkt., 10c; ¼ 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; ¼ oz., 25c.

2552 Fairy Blush. Fringed petals, white shading to rose at the tips. Pkt., 10c; ¼ oz., 25c.

2553 Mikado. Brilliant crimson-scarlet, shading to white in the center. Pkt., 10c; ¼ oz., 25c.

2554 Shirley Hybrids. Double and semi-double, with all the dainty colors of the popular Shirley type. Pkt., 10c; ¼ oz., 50c.

2555 White Swan. Big; pure white; full double. Pkt., 10c; ¼ oz., 25c.

2560 Double Carnation-flowered, Mixed. Large flowers with fringed petals; many colors. Height, 2½ ft. Pkt., 10c; oz., 30c.
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. Pkt., 50c.
2582 Rose. 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.

2600 Mixed. All colors. Pkt., 50c.

OTHER FINE POT PRIMULAS

2601 kewensis. Yellow flowers. Pkt., 35c.

HARDY VARIETIES FOR THE GARDEN.

PHH

Attractive for rock-gardens and woodsy 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.

Perennial 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; ¼ oz., 50c.
2562 Oriental Hybrids, Mixed. Shades of red, pink, salmon, etc. Pkt., 10c; ¼ oz., 65c.
2563 Princess Victoria Louise. Clear salmon-pink. Pkt., 15c; ¼ 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; ¼ oz., 50c.

PORTULACA. (See page 52.)

2510 PHYSOSTIGMA 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; ¼ oz., 75c.

PLATYCODON (Balloon Flower). PH. Balloon-shaped buds, opening to big bell-shaped flowers. Blooms all summer. Height, 2½ 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.
Pyrethrum.

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

AH

Impressive plants, grown for their massive tropical foliage.

2631 Giant Bourbon (R. bourboniensiis 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.
2634 zanzibarensis, Mixed. Leaves of immense size and various colors. Height, 10 to 12 ft. Pkt., 10c; oz., 25c.

RUDBECKIA (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

(AH)

(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., 35c.

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, 3 ft.

2722 Large-flowered Hybrids. An extra-fine strain. Pkt., 15c.
Salvia - Scarlet Sage

Salvia, Bonfire.

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; 1/4 oz., $1.00.


2673 splendens. The well-known type. Pkt., 10c; 1/4 oz., 50c.

2674 Zurich. Early; free-blooming; dwarf and compact in growth. Height, 1 1/2 ft. Pkt., 15c; 1/4 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, 2 1/2 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; 1/4 oz., 30c.

2761 STATICE sinuata, Mixed. (Sea Lavender). EH. 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, 1 1/2 ft. Pkt., 10c.


2770 STEVIA serrata. AH. Very free blooming, bearing great quantities of pure white flowers; excellent for cutting. Pkt., 10c.

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 unrivaled for bedding or use as cut flowers.

ANNUAL VARIETIES. AH. Bloom July to frost. Height, 2 1/2 ft.

2701 Black-Purple. 2704 Lavender.

2702 Crimson. 2705 Rose.

2703 Flesh-Color. 2706 White.

2710 Mixed.

Each, pkt., 10c; 1/4 oz., 30c.

2709 Collection: One pkt. of each of the above 5 colors, 50c.

PERENNIAL VARIETIES. PH. Will bloom the first season if sown early.


2712 japonica. Lavender flowers. Height, 2 ft. Pkt., 10c.
Stocks - Gilliflower AHF

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
- 2782 Bright Rose
- 2783 Canary-Yellow
- 2784 Light Blue
- 2785 Purple
- 2786 White
- 2789 Fine Mixed. All colors.
  - Each, pkt., 10c; $\frac{1}{2}$ oz., 50c.

**CUT-AND-COME-AGAIN VARIETIES.** The best for cutting. Height, 1 1/2 ft.

- 2791 Blood-Red
- 2792 Creamy Yellow
- 2793 Dark Blue
- 2794 Blush-Lilac
- 2795 Rose
- 2800 Choice Mixed. All colors.
  - Each, pkt., 10c; $\frac{1}{4}$ oz., 60c.

**GIANT WINTER or NICE.** The favorite class for winter forcing; also good outdoors. Height, 2 ft.
- 2801 Canary-Yellow
- 2802 Crimson
- 2803 Deep Blue
- 2804 Flesh-Pink
- 2805 Lilac
- 2806 Pure White
- 2810 Choice Mixed.
  - Each, pkt., 10c; $\frac{1}{2}$ oz., 75c.

**STOKESIA cyanea (Cornflower Aster).** PH. Large, semi-double flowers of deep lavender-blue all summer. Height, 2 ft. Pkt., 15c; $\frac{1}{2}$ oz., 50c.

**SWEET PEAS.** (See following page.)
Sweet Peas

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 dryest 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 Orchid-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 Coine Valley. Light clear blue.
2855 Commander Godzall. Violet-blue.
2856 Constance Hinton. Black seeded white.
2857 Crimson King. Rich ox-blood crimson.
2858 Daisiebud. Delicate rose-pink.
2861 Dora. Bicolor, pink and white.
2862 Doris. Charming salmon-violet.
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.
2871 Renown. Large glowing carmine.
2872 Royal Purple. Rich rosy purple.
2873 Royal Scot. Brilliant scarlet.
2874 Tangerine Improved. Salmon-orange.
2875 Valentine. Lovely blush 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; ¾ 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. Rose pink-white.
2908 Early Yarrawa. 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 Spencer. A blend of the early flowering varieties. Pkt., 10c; oz., 30c; ¼ lb., $1.50.
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; ¼ oz., 25c.

3097 Early Single, Mixed. Pkt., 10c; ¼ 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.
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.
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.

**GIANT DOUBLE COLOSSAL.** Second only to the new Dahlias-flowered varieties in size, this fine, robust strain is ideal for bedding. Plants 2½ feet tall; flowers 4 to 5 inches in diameter.

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., 10c; ½ oz., 50c.

3139 Collection: One pkt. of each of the above 9 varieties, $1.00.

**DWARF DOUBLE FLOWERED.** 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; ½ oz., 35c.

3149 Collection: One pkt. of each of the above 6 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, 1½ to 2½ ft. Pkt., 15c; ½ oz., 50c.

3153 Red Riding Hood. Plants 1½ feet tall, covered with small double scarlet flowers. Pkt., 10c; ½ oz., 35c. 90c.

3155 Picotee 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 wildflower-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 care.

If possible, the ground should be spaded, the seeds 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

Aster

Aeschscholtzia

Four O'clock

Helichrysum

Larkspur

Marigold

Nasturtium

Pansy

Peteunia

Phlox

Poppy

Salvia

Scabiosa

Verbena

Zinnia
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 Tyrtan 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 Marsean (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.

Mephisto pleus (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. $1.00 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 the 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. Waiters.** 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.

**Nibelungenhirt.** Old rose suffused gold. Petals broad and curved and twisted. 50c each.

**Springfield.** An improvement on that old favorite, Countess of Lonsdale. Salmon-pink and amber. Excellent cut flower. 50c each.

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### 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.

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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.

**Meyerbeer.** Rich velvety purple; under thorough culture flowers are 11 inches across. 50c each.

**Mrs. George Gordon.** Creamy white. Excellent for cutting. 50c each.

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### 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
- Dakota
- Dorothy Robbing
- Elsa
- Felix
- George Warner
- Mammoth
- Mary C. Burns
- Millionaire
- Minimotto
- Mrs. Carl Salbach
- Pride of California

Each tuber under name and carefully packed. $4.00, postpaid.

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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. 55c 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.

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### 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.

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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. 55c each.
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 ½ 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.

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, 1½ 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

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. 15c 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. 15c each; $1.75 per doz.; $12.00 per 100.

Twilight. Ruffled. Buff flaked pink on the edges with delicate primrose and pink throat. 15c each; $1.75 per doz.; $12.00 per 100.
10 Brilliant Gladiolus For Your Garden

Our standard named varieties of Gladiolus are 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; 7c 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. 10c each; 10c per doz.; $6.00 per 100.

Schwaben. Pure carmine-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 shaped. They are fine in the garden and very useful cut flowers, as they are especially adapted for mixed borders.

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 white 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 as cut flowers for door bedding in partially shaded locations. Start tubers indoors late in April, transplant to the garden in June. 12c each; $1.15 per doz.; $8.00 per 100.

CALLA, Golden Yellow (Richardia Eliotiana). 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. 5c each; $0.50 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, ideal for the window, garden or conservatory. Mixed colors, 35c each; $3.00 per doz.

ISMENE (Peruvian Daffodil). Large, white fragrant flowers, resembling amaryllis. Slender green foliage. 26c each; $2.00 per doz.

MADEIRA VINE. An old-fashioned vine. Light green leaves and small white flowers with delightful fragrance. 10c each; $1.00 per doz.

OXALIS. Summer-blooming. Charming little border plants. Mixed colors. Mammoth bulbs, 50c 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.

Canna

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 2 inches of leaf moldings 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.

Henry. One of the best of the hardy lilies. Rich, deep copper yellow, slightly spotted red dish brown. Select bulbs, 75c each; $7.50 per doz.

Speciosus Album. Large, white, fragrant flowers with green margins, best for the center of each petal. 65c each; $6.50 per doz.

Speciosus 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 Lilly). Large double, orange-red flowers spotted with black. Large bulbs, 30c each; $3.00 per doz.
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 1½ 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. 4½ 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 P. Conrad. (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. 4½ feet. 13c each; $1.25 per doz.; $8.00 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.

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-Row. The quality is unequaled. Long, large heads. Heaviest yielder of all.

Millet


Soy Beans

Valuable for hay, ensilage and green manure.

Ito San. Medium early; best for seed and ensilage.

Median 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.

STRING 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, Re-cleaned 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., $55.00.

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 re-cleaned. 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.

Miscellaneous Grasses for Special Purposes

Creeping Bent (Agrostis stolonifera). Chiefly used for putting greens. Our strain is the largest yield of German Bent so difficult to grow in the United States, as it has been obtained in recent years. Lb., $1.50; 10 lbs., $14.00; 100 lbs., $125.00.

Creased 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, Facey's (Lolium perenne Facey). 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., 55c; 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., 90c; 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.

In ordering Hay and Pasture Mixtures, please state if for well drained, wet or dry soil.

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 Farmgern. Sow in Spring or late Summer, 10 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 10 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.
Hand Cultivators and Seeders

**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 except 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.

**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 coves, blue grass, red top, wheat, and other seeds of like nature. $5.00.

**Corn Planter, Automatic.** Used in one hand like walking stick. Disk 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.

**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**

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<th>Teeth—Planet Jr. 35c. Iron Age</th>
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<tr>
<td>Disc Hoes. Per pair</td>
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<td>Plows. Each</td>
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<td>Rakes. Per pair</td>
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<td>Scuffle Hoes. Each</td>
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<td>Side Hoes—Planet Jr. Per pair</td>
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<tr>
<td>Iron Age. Per pair</td>
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Insecticides and Fungicides

Ant Destroyer. Effective powder for destroying ants, roaches, etc. ¼ lb., 30¢; ½ lb., 50¢; lb., 90¢.

**Aphine.** One of the best remedies for aphis, or red spider. ¼ pt., 55¢; ½ pt. 85¢; 1 pt., $1.00; gal., $3.00.

Ansect. An efficient and powerful spray primarily for the Rose Bug but also effective against Asparagus Beetle and other garden insects. ¼ pt., 30¢; pt., $1.00; qt., $1.75; gal., $6.00.

Arsenate of Lead, Paste. The standard spray for all leaf-eating insects. Lb. jar, 40¢; ½ lb., $1.50; 1 lb., $2.50; 2 lb., $5.00; 50 lbs., $8.50; 100 lbs., $14.50.

Arsenate of Lead, Powder. For dusting. ½ lb., 30c; lb., 50¢; 4 lbs., $1.50; 25 lbs., $8.00; 100 lbs., $25.00.

**Black Leaf 40.** Nicotine sulphate; contact spray for sucking insects. Oz. 35¢; ¼ lb., $1.25; 2 lbs., $3.50; 10 lbs., $13.50.

Bordeaux. For blights, mildews, rusts, etc. ¼ lb., 20¢; lb., 35¢; 4 lbs., $1.25.

**Bug Death.** Reliable powder insecticide, contains no Arsenic or Paris Green. Effective against leaf-eating bugs and worms. Lb., 20c; 2 lbs., 45¢; 12½ 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., 40¢; 4-lb. bag, $1.40.

Carbola. Combined whitewash and disinfectant. 5 lbs., 75¢; 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., 65¢; gal., $1.50.

**Copper Sulphate (Blue Vitriol).** Lb., 20c; 5 lbs., 75¢; 10 lbs., $1.25.

Crow Repellent. Absolutely keeps crows from pulling corn. ½ 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 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 walkway in which the house is closed for the night. By the following morning the gas will have practically disappeared. Lb., 75c; 5 lbs., $3.00; 25 lbs., $8.50.

Fungicide. Liquid spray for mildew and fungous diseases in soil and on plants. ½ pt., 40c; pt., 65c; qt., $1.00; gal., $3.00.

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**POISONOUS AND LIQUID INSECTICIDES CANNOT BE SENT BY MAIL**

Grape Dust. Dust for mildew on grapes and roses. 5 lbs., 85¢; 10 lbs., $1.65.

Hellebore. Old-time remedy for currant-worms, rose-bugs, etc. Safer than Arsenate or Paris Green. Lb., 30c; lb., 55¢.

**Insect Killer.** Kills flies, fleas, bed-bugs, moths, and lice. ½ pt., 45¢; 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 bluing out and lessens the chances of burning the foliage. 1½-lb. bag, 45c; 10 lbs., $2.50.

**Kerosene Emulsion.** For combating mild forms of lice and blights. Qt., 75c; ½ gal., $1.25; gal., $2.00.

**Lemon Oil.** One of the best sprays for ferns, palms, and all indoor plants. ¼ pt., 40c; pt., 65c; qt., $1.00; ½ gal., $1.75; gal., $3.00.

**Lime-Sulphur, Liquid.** The standard dormant spray for fruit and shade trees for scale insects and certain fungous diseases. Packaged in steel containers to prevent leaking. Half bbl. containers charged at $1.50; full bbl., $3.00. Credit allowed when returned prepaid. Qt., 40c; ½ 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., $4.90; 100 lbs., $14.50.

**MAGOTITE.** Used for many years, for the control of root maggot on Cabbage, Cauliflower, Onion, Radishes, etc. Lb., 50c; 5 lbs., $1.75; 25 lbs., $5.00; 100 lbs., $8.00.

**Melrose.** Sure death to rose-bugs. Qt., $1.75; ½ gal., $2.25; gal., $6.00.

**Nicofume Liquid.** As spray or vapor for greenhouse use or as contact spray outdoors for aphis, etc. ¼ lb., 75c; lb., $2.25; 4 lbs., $8.00; 8 lbs., $15.00.

**Nicofume Paper.** For fumigating greenhouses. 1 sheet can, $0.50; 288-sheet can, $10.00.

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**Nicofume Powder.** Concentrated Tobacco-powder impregnated with high strength nicotine. Effective greenhouse fumigator. Lb., 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.** ½ lb., 35c; lb., 55c; 5 lbs., $2.00.

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**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

Qua-Sul. Keep your garden and greenhouse clean and healthy with Qua-Sul, a soluble sulphur compound, that has remedied inarvous 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. Lt. can, 60c; Duster to apply, $1.40.

Rat Poison—Zello. A powerful poison that is easily applied as built 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 kept over or thoroughly dried and stored away until required.

Sugarcorn

Planted Jan. 10, 1924. Photographed Jan. 23, 1924. Rows 1 and 2 no treatment; 47% germination. Rows 3-6 Semesan treated; 90% germination. Semesan is supplied in packages as follows:

<table>
<thead>
<tr>
<th>Ounces</th>
<th>1 pound</th>
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Slugs Shot. Old reliable remedy for cabbage and current worms. Lt. 20c; 5 lbs., $1.00; 60c; 10 lbs. $1.10; 25 lbs. $2.50.

Sugar Corn

POISONOUS AND LIQUID INSECTICIDES CANNOT BE SENT BY MAIL

Soap, Fish-Oil. For scale and aphids, and as a spreader for other sprays. Lt., 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 blights on insect and diseases. 3 ozs. 15c; 8 ozs., 25c; 1 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. 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., $49.00; 50-gal. bbl., $60.00.

Sulphur, Flowers of. For mildew and making lime-sulphur solution. Lt., 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. Lt., 15c; 5 lbs., 40c; 10 lbs., $1.50; 100 lbs., $5.00.

Tobacco Dust, Fine. Lt., 15c; 5 lbs., 50c; 25 lbs., $1.50; 100 lbs., $5.90.


Tree-Wound Paint. Prevents infection of exposed surfaces. Qt., 75c; gal., $2.25.

Tree Tanglefoot. A sticky compound for banding trees. Prevents the ascent of all climbing insects. One application lasts three generations. Lt., 1 lb., $2.75; 10 lbs., $5.25; 25 lbs., $11.00.

Vermine. A soil-sterilizer, also effective against cut- and wire-worms. ½ pt., 25c; 1 pt., 45c; 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.

Volk. 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., 2 lb., 14 gal. drum, $25.00; 28-gal. drum, $40.00.

Weed Killer. Concentrated solution for mixing with water to kill weeds. Qt., 65c; 1 qt., $1.15; 5 gals., $7.50; 50-gal. bbl., $25.00.

Wilson's O. K. Plant Spray. Effective indoor and outdoor spray for aphis, red spider, mealy bug, thrips, etc. 10 lbs., $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. Qt., $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. 76c.

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.


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. 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

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.


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. $8.50.
Dusters and Sprayers

ARMSTRONG
STANDARD
SPRAY PUMP

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, $34.00.

ACCESSORIES FOR SPRAYERS

Extension Pipe. 2 ft. lengths. Iron, each, 40c; brass, each, 50c.

Nozzles. Automatic, fits either 3/4 or 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. 1/2 in., 50c per ft.; 3/4 in., 75c 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. F. 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, rates vary charges 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 tedious and time consuming. The process of making artificial manure consists of merely making a heap of all garden trash, wetting it thoroughly and adding the bacterial powder Adco. In the course of three or four months this heap is converted by action of the growing bacteria into an excellent manure. 25-lb. sack (enough for 12 wheelbarrows waste), $2.00; 150-lb. sack (enough for a pile 10 ft. x 10 ft. x 6 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 cover for lawns and grassy land and owing to their alkali power will render dry soils more plastic and likewise aid in making porous soils more firm. A good spoonful of 5-lbs. ashes will cover 90 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, 16 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, 55c; 5 lbs., $2.00.

Bone Meal Fertilizer. For lawns, vegetables, and roses. Acts slowly but its effects are lasting. Ammonia, 4½ per cent; phosphoric acid, 4½ per cent; equal to bone phosphate, 4½ per cent. 100 lbs., $3.35, 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, 4½ to 6 per cent. Phosphoric acid, 21 per cent; 100 lbs., $2.50; 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 into the 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., $21.00; 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., $12.50.

Cotton Seed Meal. Rich in potash and ammonium. Market price on request.

Fertobond 2-lb. carton, 40c; 5-lb. carton, 75c; 100 lbs., $3.00; 1000 lbs., $21.75; 2000 lbs., $43.00.

Florianid. 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; 5-lbs. sack, $1.20.

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 ammonium and valuable for use in mixing in potting soil, for growing 'mums', etc. Lb., 15c; 5 lbs., 65c; 25 lbs., $2.00; 100 lbs., $7.50.

Humus. A 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 aid in making loose, sandy soils, but should not be used on cold or wet soils. 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.00; 200 lbs., $4.25; 500 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 75 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.

Nitrates of Soda. Quick acting stimulant which supplies nitrogen and hastens development of the crop. Most advantageously used on grasses and cereals; the effects are quickly noted in vigorous growth and deep, rich green foliage. Applied several times during the growing period. Lb., 15c; 5 lbs., 60c; 10 lbs., $1.00; 100 lbs., $8.25; 500 lbs., $22.00; 1000 lbs., $45.00; 2000 lbs., $85.00.
Sheep Manure. A finely pulverized natural fertilizer unequaled 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, 2.48 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., $5.50; 500 lbs., $24.00; 1000 lbs., $47.00.

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., 85c; 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., 25c; 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., 35c; 5 lbs., 65c; 50 lbs., $3.00; 100 lbs., $5.50.

Leaf Mold. Excellent for mixing with soil for potting. ½ pk., 30c; pk., 50c; sack, (½ bus.), $2.50.

Moss, Green. Large size sack, $2.00.

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 15 sq. ft., $1.75, delivered; large size bale, covers 240 sq. ft., $5.00, delivered.

Moss, Sphagnum. Dried. Large bales, well baled, 50c per lb. Warehouse price.

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; 1½-bu. sack, $2.50.

Peat, Fibrous. Used for potting orchids, etc. 2-bu. sack, $3.50.

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—Covers, 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 Seed—Soy Beans, Cow Peas, Beans, etc. Special reduced prices, ¼-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.

Solitex 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 Solitex, 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

Woden. 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, $1.55; 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

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

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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

Weeding. Sharp pointed, 4 1/3 ft. handle. 1 prong, 50c; 2 prong .60

HOOKS, Corn. Tempered steel blade .50

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, 4 1/3 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. blade .................................. .50

**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, 28 wooden teeth, $1.50; 38 teeth .......... $2.00

**Hay.** 10 wooden teeth; 26 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 File.** ........................................... .30

**English.** Both ends pointed .......................... .35
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.

Grasnip. Shaped like scissors. Thumb rest and spiral spring. Six in. cutting steel blades ... 1.25
SHEARS, Hedge. Notched blades, hollow ground steel.

American. 6 1/2 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, 2 1/2 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, 21 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... .75

**Pilgrim.** Hollow ground razor steel... .85

**Village Blacksmith.** Offset handle... .65

**Sieves.** Sizes ⅜, ⅝, ¾, or ⅞ 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 Weight**

**Tree Pruner.** One piece poles made from straight-grained strong wood. Will cut a limb 1¼ in. in diameter, 8 ft., $4.00; 10 ft., $4.50; 12 ft., $5.00; 16 ft. 5.50

**Tree Scraper.** Three sharp, beveled edges... .50

**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. 30c
**Transplanting.** 6 in. blade, green enamel... .25
**Hoe Shaped.** 7 in. blade... .55

**WEEDERS, Dandelion.** Sharp V-shaped blade, short handle... .40
4 ft. handle... .65

**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.
**Hazeltime.** Made in two weights. Light, 30c; heavy... .50

**Magic.** 5 in. handle, 25c; 18 in. handle... .35

**Onion, Triangular.** Short handle, 50c; long handle... .75

The **"OUT-U-KUM" WEED PULLER** An Entirely New Principle

As light Pull and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the ENTIRE ROOT.

**Out-U-Kum**... .75
## Miscellaneous Supplies and Sundries

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aprons, Gardener's Extra heavy rubber</td>
<td>$2.50</td>
</tr>
<tr>
<td>Baskets, Ash. Used for gathering flowers, berries, etc. 6 in. one size</td>
<td>$1.00</td>
</tr>
<tr>
<td>Berry, Pint size, $1.00 per 100; quart, $1.10 per 100; 2-quart, per 100</td>
<td>2.25</td>
</tr>
<tr>
<td>Bunching Machine, Pelnin's. The most practical and longest-lived bunching machine on the market. Indispensable to the market-gardener. Deliveries will be made in quantity at 75.00</td>
<td>75.00</td>
</tr>
<tr>
<td>Carnation Supports. See under Stakes.</td>
<td>75.00</td>
</tr>
<tr>
<td>Cel-O-Glass. Glass substitute for hothed 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</td>
<td>48.00</td>
</tr>
<tr>
<td>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</td>
<td>33.00</td>
</tr>
<tr>
<td>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. 6½ in. diameter, high per 100</td>
<td>6.00</td>
</tr>
<tr>
<td>Cheese Cloth. For covering steep lawn terraces, to prevent the washing out of the bed during heavy rains. 15c per yard in 50 yard bolts</td>
<td>6.50</td>
</tr>
<tr>
<td>Charcoal, Granulated or Lump. Lb. 15c; 5 lbs., $2.50; 25 lbs., $2.50; 100 lbs</td>
<td>5.00</td>
</tr>
<tr>
<td>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</td>
<td>7.50</td>
</tr>
<tr>
<td>Fruit Picker. Made of steel wire, heavily galvanized. Easily attached to any pole.</td>
<td>.50</td>
</tr>
<tr>
<td>Fruit Presses. Substantial and easy to clean. Light and compact. 3 qt. size, $4.75; 6 qt., $5.75; 12 qt.</td>
<td>8.50</td>
</tr>
<tr>
<td>Garden Line. Finest grade of white, glazed line. 100 ft., 50c; per doz. hanks</td>
<td>5.50</td>
</tr>
<tr>
<td>Garden Line Reels. All metal style. Small size, $1.25; large size</td>
<td>2.25</td>
</tr>
<tr>
<td>Glass Clamps. For repairing broken glasses</td>
<td>1.50</td>
</tr>
<tr>
<td>Glass Cleaner. A powerful and quick acting cleaner. Gal., $2.00; 5 gals</td>
<td>9.00</td>
</tr>
<tr>
<td>Glass Cutter. Six changeable cutter points</td>
<td>.35</td>
</tr>
<tr>
<td>Glazing Points, Peerless. Sizes No. 2 and 2½. 1000 for 75c; 5000</td>
<td>3.50</td>
</tr>
<tr>
<td>Zinc Peg style. Sizes ¼, ½, ¾ in., lb., 45c; 5 lbs.</td>
<td>2.00</td>
</tr>
<tr>
<td>Gloves, Pruning. Strongly made gauntlets</td>
<td>2.00</td>
</tr>
<tr>
<td>Grafting Wax. For grafts, cuts and bruises. ¼ lb., 15c; ½ lb., 25c; lb.</td>
<td>.40</td>
</tr>
<tr>
<td>Grinder, Household. A powerful compound wheel. Carborundum wheel 4 in. diameter, 1 in. thick</td>
<td>3.50</td>
</tr>
<tr>
<td>Greenhouse Shading Paint. Gal. can.</td>
<td>3.50</td>
</tr>
<tr>
<td>Hanging Baskets. Heavy wire, painted green. Each</td>
<td>$2.50</td>
</tr>
<tr>
<td>Handles. Made from best Ash. Rake</td>
<td>.45</td>
</tr>
<tr>
<td>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. By the dozen per coupling, $9.00; 50 ft., ½ in. with couplings</td>
<td>8.00</td>
</tr>
<tr>
<td>Spray Hose. Made to stand the high pressure of power sprayers. ½ in.</td>
<td>3.00</td>
</tr>
<tr>
<td>Hose Menders. Perfect clinching. Quickest mender to attach on the market. ½ in. and ¾ in. size, each 15c; doz.</td>
<td>1.25</td>
</tr>
<tr>
<td>Hose Nozzles.</td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>$2.25</td>
</tr>
<tr>
<td>Greenhouse</td>
<td>1.00</td>
</tr>
<tr>
<td>Hotbed</td>
<td>3.50</td>
</tr>
<tr>
<td>Justrite</td>
<td>1.65</td>
</tr>
<tr>
<td>Magic</td>
<td>1.25</td>
</tr>
<tr>
<td>Two in One</td>
<td>.45</td>
</tr>
<tr>
<td>Pet</td>
<td>.75</td>
</tr>
<tr>
<td>Hotbed Mats. Frostproof mats of burlap for protecting hotbeds and coldframes. 40x76 in. $3.00; 76x76 in. $4.50</td>
<td></td>
</tr>
<tr>
<td>Hotbed Sash. Standard 3x5 ft., 3 rows glass. Iron crossbars and lugs. Best quality cypress; all joints mortised. Each Doz</td>
<td>4.00</td>
</tr>
<tr>
<td>Painted and glazed</td>
<td>48.00</td>
</tr>
<tr>
<td>Painted and glazed</td>
<td>80.00</td>
</tr>
<tr>
<td>Hydrometer. For testing lime-sulphur</td>
<td>.75</td>
</tr>
<tr>
<td>Labels, Wooden. For pots and garden use. Painted and painted on one side. 100</td>
<td>10.00</td>
</tr>
<tr>
<td>10 in.</td>
<td>.60</td>
</tr>
<tr>
<td>5 in.</td>
<td>.45</td>
</tr>
<tr>
<td>6 in.</td>
<td>.35</td>
</tr>
<tr>
<td>8 in.</td>
<td>.25</td>
</tr>
<tr>
<td>10 in.</td>
<td>.15</td>
</tr>
<tr>
<td>12 in.</td>
<td>.50</td>
</tr>
<tr>
<td>3½ in. copper wired, for dahlias, trees, shrubs, etc.</td>
<td>.50</td>
</tr>
<tr>
<td>Simplex.</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td>100</td>
</tr>
<tr>
<td>3x</td>
<td>.45</td>
</tr>
<tr>
<td>4½</td>
<td>.75</td>
</tr>
<tr>
<td>5x</td>
<td>.45</td>
</tr>
<tr>
<td>5x1</td>
<td>.10</td>
</tr>
<tr>
<td>6x</td>
<td>.65</td>
</tr>
</tbody>
</table>

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**Note:** All prices are per dozen unless otherwise noted.
### Miscellaneous Supplies

#### Natural Grasses
- **Putty:** Natural, 35c; 5 lbs., $1.50. Green color. 1 lb., 1.25.

#### Stakes and Plant Supports

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bamboo, Green. Same thickness tip to butt.</td>
<td>$0.25, $0.60, $1.00, $1.25, $2.00 per doz.</td>
</tr>
</tbody>
</table>

#### Pot Covers

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bamboo, Natural. Tapers to a point at the tip.</td>
<td>$0.25, $0.50, $1.00 per doz.</td>
</tr>
<tr>
<td>Carnations. Supports. Heavy galvanized wire.</td>
<td>2.00 per Doz.</td>
</tr>
</tbody>
</table>

#### Hyacinths

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyacinth. Wood; painted green.</td>
<td>$0.50, $2.00 per 100</td>
</tr>
</tbody>
</table>

#### Wood, Light, Round

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood, Light, Round. Tapered, painted green.</td>
<td>$0.30 per 100 ft.</td>
</tr>
</tbody>
</table>

#### Wood, Heavy, Round

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood, Heavy, Round. Tapered, painted green.</td>
<td>$0.30 per 100 ft.</td>
</tr>
</tbody>
</table>

#### Wood Plant Supports

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood Plant Supports. Hardwood stakes, with adjustable support, easily adjustable to any height.</td>
<td>$0.35, $0.40, $0.45 per 100 ft.</td>
</tr>
</tbody>
</table>

#### Ties, Wire

- **Ties, Wire.** For fastening plants to stakes. Per 1000. 

#### Trellis, Rose Ladder

- **Trellis, Rose Ladder.** Highest grade of lumber used in construction, painted white. Large size, height, 8 ft.; width, 2½ ft. Each, $7.50; small size, each. 

#### Tarps, Hay

- **Tarps, Hay.** Waterproof, any size made to order. Per sq. ft. 

#### Thermometers

- **Thermometers.** Highest grade, for all purposes.

#### Greenhouse, (Spirit)

- **Greenhouse, (Spirit).** 10 in. black case. 

#### Copper Case (Mercury)

- **Copper Case (Mercury).** Large figures. 

#### Hotbed (Mercury)

- **Hotbed (Mercury).** 16 in. case, brass point. 

#### Incubator

- **Incubator.** 

#### Self Registering (Mercury)

- **Self Registering (Mercury).** 10 in. copper case. Registers highest and lowest temperatures. 

#### Traps, Mole, Rat and Sparrow—

- **Mole.** Simple, safe and sure. 
- **Rat.** Each rodent caught sets the trap for the next one. Kills by drowning. Mouse size, $3.00; Rat size, $5.00.
- **Sparrow.** Simple and successful. Size 18x18 in. 

#### Twine, Hinder

- **Twine, Hinder.** Finest grade. 6 lb. ball, $1.75; bale (6 balls), $8.50. 

#### Blue Braid

- **Blue Braid.** Tube of 1000 yards. 

#### Cotton, White

- **Cotton, White.** 6 lb. ball for bunching machine. 

#### Cotton, Green

- **Cotton, Green.** 2 lb. ball, 25c; doz. 

#### Jute

- **Jute.** 3 lb. ball for tying plants. 

#### Silkaline

- **Sikkaline.** Highest quality of strong green thread for tying plants. Spool, 50c; 6 pounds, 2.50. 

#### Watering Cans, Heavy, Wotherpoon's Extra-Heavy Material

- **Watering Cans, Heavy, Wotherpoon's Extra-Heavy Material.** One fine and one coarse spraying. 2 qt., $4.25; 8 qt., $4.75; 8 qt., $5.00; 10 qt., $5.50; 12 qt., $6.25. 

#### Extra Roses

- **Extra Roses.** 

#### English Pattern, Heavy

- **English Pattern, Heavy.** Japanned red; 2 copper-faced roses, one round and one oval, 6 qt. 

#### Watering Cans, Light

- **Watering Cans, Light.** 4 qt., 80c; 6 qt., 90c; 8 qt., $1.00; 12 qt., $1.35. 

#### Wheelbarrows, Garden

- **Wheelbarrows, Garden.** All wood, strongly made. Special wooden wheels 2½ in. wide. Sides removable. 

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3. Body 26 in. long, 19 in. wide, 12 in. deep.</td>
<td>$7.75</td>
</tr>
<tr>
<td>No. 2. Body 30 in. long, 20 in. deep.</td>
<td>$8.50</td>
</tr>
<tr>
<td>No. 1. Body 30 in. long, 24 in. wide, 12 in. deep.</td>
<td>$9.50</td>
</tr>
</tbody>
</table>
**Lawn Tools and Supplies**

### LAWN ROLLER—WATER BALLAST

A high grade, easy running roller for Lawns, Golf Courses and Tennis Courts. Can be filled with water or sand to the desired weight. Equipped with scraper to keep the surface clean. Round edges.

<table>
<thead>
<tr>
<th>No.</th>
<th>Weight</th>
<th>Diam.</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>68 to 175 lbs.</td>
<td>14 in.</td>
<td>24 in.</td>
<td>$12.00</td>
</tr>
<tr>
<td>2</td>
<td>82 to 265 lbs.</td>
<td>18 in.</td>
<td>24 in.</td>
<td>14.50</td>
</tr>
<tr>
<td>3</td>
<td>110 to 420 lbs.</td>
<td>24 in.</td>
<td>24 in.</td>
<td>21.00</td>
</tr>
</tbody>
</table>

### LAWN MOWERS

- **Interstate—Ball Bearing.** A high grade, 10 in. wheel mower; will do a fine job of cutting with little effort. Four crucible steel blades, double drive.
  - 14 in. $11.50
  - 16 in. $12.75
  - 18 in. $13.75

- **Jewell—Plain Bearing.** Light weight and desirable for terrace or small lawns. 8 in. wheel, 4 cutter blades.
  - 12 in. $8.00
  - 14 in. $8.50
  - 16 in. $9.00

- **Banner—Plain Bearing.** Low priced, light weight mower for small lawns. 8 in. wheels, 3 knives.
  - 12 in. cut... 6.50

- **Coldwell Trimmer and Edger.** Trims along walks, flower beds, etc., where regular size mower cannot be used. Ball bearing, 5 blades.
  - 8 in. cut... 10.50

- **Coldwell Ball Bearing Mower.** Popular high grade mower. The 5 cutting blades and bottom knife are the best crucible steel. 10 in. open wheels, double drive.
  - 16 in. $20.00
  - 18 in. $21.00
  - 20 in. $22.50

- **Philadelphia Style A.** 10 in. wheels, 4 crucible steel blades.
  - 12 in. $23.00
  - 14 in. $26.00
  - 16 in. $29.00
  - 18 in. $32.00

- **Sharpener, Lawn Mower.** Keep your mower sharp with one of these handy little sharpeners. Each... 1.00

- **Lawn Sweeper, Pennsylvania.** Remover cut grass, leaves and litter.
  - 24 in. $35.00
  - 36 in. $47.50

- **Lawn Mower Grass Catcher.** Will fit any make of mower. For 12 to 18 in. mower...
  - 2.00
  - 16 to 22 in. 2.25

### POWER LAWN MOWERS

- **Red E Mower.**

**Coldwell Electric.** A new idea in Lawn Mowers; plugs in any light socket. Works on standard 110 volt, direct or alternating current. Coldwell quality Mower equipped with specially designed motor by General Electric Co. Entirely practical. Quiet and economical to run. 21 in. cut, F. O. B. Factory... 175.00

- **Coldwell Power Model R.** Designed with extreme flexibility for cutting small plots, etc., and with large capacity for mowing larger areas. 3½ H. P. motor. 25 in. cut, F. O. B. Factory... 260.00

- **Red E Power Model E.** Weight, 185 lbs. ¾ H. P. gasoline motor, differential action, handle clutch and throttle control. 20 in. cut, F. O. B. Factory... 196.00

### LAWN SPRINKLERS

- **Busy.** Full circle, whirling... 1.00
- **Cheap-But-Good.** Full circle... 0.50
- **Dayton Style A.** Rotating and oscillating, 40 ft. radius... 10.00
- **Double Rotary.** Full circle rotating... 12.50
- **Mor-Rain.** Full circle rotating or half circle stationary... 3.00
- **Rain King.** Standard size... 3.50
- **Rain King.** Giant size... 12.50
- **Ring, Full.** Brass... 0.75
- **Ring, Half.** Brass... 0.65

- **Roto-Rain.** Gear drive, rotating... 15.00
- **Saucer Style.** Either full or half circle spray... 0.65
- **Tu Way.** Full or half circle stationary... 1.00
- **Two Purpose.** Combination Sprinkler and Nozzle... 2.00
Flower Boxes, Pots and Vases

**FLOWER BOXES**
Water-tight steel boxes, dark green, patented water pockets.

<table>
<thead>
<tr>
<th>No.</th>
<th>Length</th>
<th>Width</th>
<th>Depth</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10 in.</td>
<td>8 in.</td>
<td>5 in.</td>
<td>$4.00</td>
</tr>
<tr>
<td>2</td>
<td>11 in.</td>
<td>8 in.</td>
<td>6 in.</td>
<td>$4.50</td>
</tr>
<tr>
<td>3</td>
<td>12 in.</td>
<td>8 in.</td>
<td>7 in.</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

**FLOWER POTS—CLAY**
Deep Style. Sizes 2 to 15 in. diam.
Half Style. Sizes 4 to 15 in. diam.
Low Style. Sizes 5 to 15 in. diam.
Fern Style. Sizes 6 to 8 in. diam.
Saucers. Sizes 4 to 15 in. diam.

Please Write for Prices

**FLOWER POTS—PAPER NESPONSET**

<table>
<thead>
<tr>
<th>Doz.</th>
<th>25c</th>
<th>50c</th>
<th>1.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 1/2 in.</td>
<td>$1.00</td>
<td>$1.00</td>
<td>$1.00</td>
</tr>
<tr>
<td>3 in.</td>
<td>$1.15</td>
<td>$1.25</td>
<td>$1.35</td>
</tr>
<tr>
<td>4 in.</td>
<td>$1.25</td>
<td>$1.50</td>
<td>$2.00</td>
</tr>
<tr>
<td>5 in.</td>
<td>$1.35</td>
<td>$1.80</td>
<td>$2.50</td>
</tr>
<tr>
<td>6 in.</td>
<td>$1.45</td>
<td>$2.25</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

**PLANT TUBS—CEDAR**
Strong, well made and painted green. Reinforced with heavy round, galvanized hoops. If handles are wanted add 20c to price.

**WOOD FIBER VASES AND SAUCERS**
Absolutely waterproof; cannot rust or corrode, scratch furniture or leave rust marks. Rustic finish.

<table>
<thead>
<tr>
<th>No.</th>
<th>Height</th>
<th>Diam. Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3 1/2 in.</td>
<td>$1.00</td>
</tr>
<tr>
<td>B</td>
<td>4 in.</td>
<td>$1.25</td>
</tr>
<tr>
<td>C</td>
<td>4 1/2 in.</td>
<td>$1.50</td>
</tr>
<tr>
<td>D</td>
<td>5 in.</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

**Bird, Dog and Fish Supplies**
All Prices Subject to Change

<table>
<thead>
<tr>
<th>Lb. 2lbs. 10lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canary. Recleaned seed.</td>
</tr>
<tr>
<td>Hemp.</td>
</tr>
<tr>
<td>Millet. Yellow.</td>
</tr>
<tr>
<td>Millet. White.</td>
</tr>
<tr>
<td>Poppy.</td>
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<tr>
<td>Rape. Small, sweet</td>
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<tr>
<td>Rice. Unhulled.</td>
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<tr>
<td>Sunflower.</td>
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<tr>
<td>Thistle.</td>
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<tr>
<td>Bird Seed Mixed.</td>
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<tr>
<td>Bird Tonic. Small bottle.</td>
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<tr>
<td>Bird Baths.</td>
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<tr>
<td>Bird Seed, Canary. No. 20, 1/2c. No. 25, 1/4c. No. 50, 1/8c.</td>
</tr>
<tr>
<td>Bird Nesting. Box.</td>
</tr>
<tr>
<td>Canary Louise Powder.</td>
</tr>
<tr>
<td>Cuttle Fish Bone. Small, large size.</td>
</tr>
<tr>
<td>Dog Food, Spratts. Biscuits, box, 30c; ovals, 35c; puffs, 50c;</td>
</tr>
<tr>
<td>Dog Biscuits. Bulk, 5 lbs. 75c; 25 lbs. $3.50; 100 lbs. 12.00</td>
</tr>
<tr>
<td>Fish Food. Natural, 10c; wafer</td>
</tr>
<tr>
<td>Manna or Pep. 2 for 25c; each</td>
</tr>
<tr>
<td>Mocking Bird Food</td>
</tr>
</tbody>
</table>

**Nestling Food** .20
**Silver Sand.** 2 for 25c; each .15
**Song Restorer** .20

**Bird Houses**
Nothing will attract birds more than suitable nestling places. Our bird houses are all rustic in design and quite artistic. Bird lovers should not be without a few of these houses.

<table>
<thead>
<tr>
<th>No.</th>
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<tr>
<td>10</td>
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Marten Houses. Rustic, 4 rooms .50
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**Phone ATlantic 1129**

**Date**

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*Amount Carried Forward*

IF WE ARE OUT OF ANY OF THE VARIETIES ORDERED Shall we send other varieties equally as good? or Shall we return money for them? (SEE OTHER SIDE)
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Please Order by Number Shown in Catalog

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Total Amount of Order

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<tr>
<th>NAME</th>
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<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>744 AQUILEGIA</td>
<td>Long Spurred Hybrid</td>
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<tr>
<td>1390 COREOPSIS</td>
<td>Lanceolata Grandiflora</td>
<td>.10</td>
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<tr>
<td>DELPHINIUM, 1511 Belladonna or 1512 Bellamoseum</td>
<td></td>
<td>.15</td>
</tr>
<tr>
<td>1733 GAILLARDIA</td>
<td>Grandiflora Hybrida</td>
<td>.15</td>
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<tr>
<td>2505 HARDY PHLOX</td>
<td>Mixed</td>
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<tr>
<td>1552 FINKS</td>
<td>Hardy Garden, Double Mixed</td>
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<td>2521 FLATYCODON</td>
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<td>2621 PYRETHRUM</td>
<td>Roseum Single Mixed</td>
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<tr>
<td>3010 SWEET WILLIAM</td>
<td>Double Mixed</td>
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