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EVERYTHING for the GARDEN
LAWN and FARM

CHAAPEL’S SEED STORE
39 E. THIRD STREET, WILLIAMSPORT, PA.

DIAL 4208
Chaapel’s Clover Lawn Grass Seed

Recleaned and tested seed, weighing 30 pounds to the bushel

Our mixture absolutely can be relied on as being made up of the finest quality of grass seed obtainable, free from weed seeds, chaff or fallow and of the very best and highest germinating qualities. It is a special mixture of grasses that do best in our soils. The increasing demand for a lawn seed having a larger proportion of White Clover induced us to offer this mixture which contains a most liberal quantity of best recleaned White Clover. While primarily made up for normal locations, it contains certain grasses that will thrive on partially shady places. Sow 1 quart to 200 square feet (10 x 20 ft.). Pt. 25cts., qt. 40 cts. (postpaid 50 cts.), 2 qts. 75 cts., 4 qts. $1.40, pk. $2.40, bus. (30 lbs.) $8.40. Postage extra.

Chaapel’s Shadygreen Lawn Seed

While it is impossible to maintain a permanent lawn in certain shady locations, such as under soft maple trees, we have combined in this mixture certain grasses that are more resistant to these harsh conditions. We recommend this mixture to be especially prepared for shady locations. Sow 1 quart to 100 square feet (10 x 10 ft.). Qt. 55 cts., 2 qts. $1.00, 4 qts. $1.90, pk. $3.65, bus. $13.00.

SEPARATE VARIETIES OF GRASSES MOST SUITABLE FOR LAWNS

White Dutch Clover—Excellent for lawns, prevents washing on banks and terraces, makes a close compact growth. 1/4 lb. 20 cts., 1/2 lb. 35 cts., lb. 60 cts. (postpaid).

Seaside Bent—For fine lawns and Putting Greens. Hardy, creeping variety, rapid grower. Lb. $1.50, 10 lbs. $14.00.

Chewings Fescue—For lawns, Putting Greens and Fairways. Makes a fine compact turf, dark green in color. Lb. 65 cts., 10 lbs. $5.75.

Kentucky Blue Grass—For lawns. A true perennial lasting indefinitely and improving every year. Lb. 40 cts., 10 lbs. $3.50.

Fertilizers are necessary in making a good lawn

1937 CATALOGUE
The Oldest Seed Store in Central Pennsylvania

For 60 years we have served the public in our territory; handling the finest quality Seeds and Bulbs, also supplies for the Gardener, Farmer, Dairyman and Poultryman.

Special Offer
5 Large 15c Packets of the Newer and Better Flowers for 25c
Petunia. Pink Gem.
Aster. Giants of California.
Marigold. Guinea Gold.
Zinnia. Scabiosa Flowered Mix.

HOW TO ORDER SEEDS BYParcel POST
We earnestly advise that all light shipments go by Parcel Post whenever possible. We will pay postage on all small seeds in packets, and in bulk up to 1/4 pound, anywhere in the United States. Up to 70 pounds, we can send seeds in any quantity. Within the First and Second Zones from Williamsport, add to your remittance for postage as follows: 1-pound orders, 8 cents; for each additional pound, 1 cent. For rates to other Zones, inquire of your postmaster. The necessary postage must be sent with the order.

EXPRESS AND FREIGHT SHIPMENTS. We can send them collect and you can pay the transportation charges on delivery.

HOW TO SEND MONEY. Remittances should be made by Post Office Money Order, Express Money Orders, Drafts, or Checks.

CASH WITH ORDER. Customers will please remit when ordering.

NON-WARRANTY. Chaapel’s Seed Store gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants they sell and will not be responsible for the crop. If the customer does not accept the goods on these terms, they are at once to be returned and the amount paid for them will be refunded.

PLEASE USE ORDER SHEET — PRINT NAME AND ADDRESS PLAINLY
Popular Flower Seeds

Each year the interest in flowers for garden and home decoration increases and more people turn to the growing of flowers for recreation and pleasure. Flower-lovers will find a number of new varieties in our lists this year, as well as all of the old friends. We have devoted most of our attention to the "annuals." Among the annuals are flowers for every purpose, tall and low-growing, trailing and climbing, for cutting and for garden display.

**NOVELTIES AND NEW VARIETIES**

| Aster—Los Angeles                        | Delphinium—White             |
| Aster—Golden Sheaf                       | Gailardia—The Dazzler        |
| Antirrhinum—Rust Proof                   | Godetia—Double Azalea Flowered |
| Calendula—Orange Shaggy                  | Larkspur—Rosamond            |
| Coreopsis—Double Sunburst                | Larkspur—Blue Bell           |
| Cosmos—Orange Flare                      | Marigold—Dixie Sunshine      |
| Digitalis—the Shirley                    | Nasturtium—Golden Gleam      |

**HARDY PERENNIALS—VARIETIES FOR ROCK GARDEN MARKED**

There are a number of perennial varieties that will bloom the first season if sown very early; other varieties should be sown later, giving a continual riot of color year after year. Your attention is called to these extra good perennials which are described in the following pages. Find them in the Index.

* Alyssum saxatile compactum
* Aquilegia (Columbine)
* Armeria (Sea Pink; Thrift)
* Arabis (Rock Cress)
* Aubrieta (Rainbow Rock Cress)
* Anchnusa
* Agrostemia
* Bellis (English Daisy)
* Canterbury Bells
* Carnation, Marguerite
* Carnation, Chabaud’s Giant
* Creastum (Snow in Summer)

**ANNUALS—VARIETIES FOR THE ROCK GARDEN ARE MARKED**

| Antirrhinum                        | *Candytuft
| Aster                             | *Cardinal Climber
| Baby’s Breath                    | *Carnation
| Bachelor’s Button                | *Castor Oil Bean
| Balsam                           | *Celosia
| Calendula                        | *Chrysanthenum
| California Poppy                 | *Clarkia
| Callipriss                       | *Cockscomb
| *Dianthus                        | *Coreopsis lanceolata grandiflora
| *Eschscholtzia                   | *Daisy, Shasta
| *Four O’Clock                    | *Delphinium, Dwarf
| *Four O’Clock                    | *Delphinium (Larkspur)
| *Gaillardia                      | *Digitalis (Foxglove)
| *Godetia                         | *Dianthus (Pinks)
| *Gouldia                         | *Forget-me-not (Myosotis)
| *Gossypophila                    | *Geranium Mrs. Bradshaw
| *Helianthus                      | *Gaillardia (Blanket Flower)
| *Helichrysum                     | *Gypsophila (Baby’s Breath)
| *Hyacinth Bean                   | *Heuchera (Coral Bell)
| *Ice Plant                       | *Helianthemum (Rock Rose)
| *Ipeomea                         | *Hollyhock
| *Kochia                          | *Honesty (Satin Flower)
| *Kudzu Vine                      | *Iris (Candytuft)
| *Lady Slipper                    | *Lamb’s Ear (Lantana)
| *Lady Slipper                    | *Linum (Perennial Flax)
| *Leontodon                      | *Lupine (Polyphylus)
| *Lathyrus                        | *Nepeta Mussini
| *Penstemon                       | *Penstemon
| *Poppy, Oriental                 | *Poppy, Oriental
| *Pycanthem rosaceum              | *Pycanthem rosaceum
| *Rock Garden Mixture             | *Rock Garden Mixture

Most all of these are offered in 10 ct. pkts. Also in bulk at very low prices.

All varieties not designed by HP are annuals, blooming the first season.

Hardy Perennials are Designated by HP—Half-Hardy HHP

**FERTILIZERS MAKE FLOWERS GROW AND BLOOM**

Most annual flowers, due to their short season of growth and profuse bloom, are heavy feeders and require an abundance of a quick-acting fertilizer. Nitrate of Soda and Sheep Manure are particularly adapted for this class of plants. The Sheep Manure should be applied at the time of planting; the Nitrate of Soda several times during the season. The perennial plants are slower growers and for that reason the less active fertilizers, such as Bone-Meal and our Special Garden Fertilizer, meet their requirements. Either should be applied at time of planting and supplementary applications should be made during the life of the plant. For prices see page 41.

Look at the Index. It’s easy to find what you want.

SEE LAST PAGE OF CATALOGUE
Our Selection of The Newer Flower Seeds

THREE PAGES OF “ALL-AMERICAN” WINNERS AND OTHER FLOWERS OF EXCEPTIONAL MERIT, NOVELTIES AND SPECIALTIES

The new flower specialties are offered because of their outstanding merits, and to promote interest in the really worth while new varieties.

ASTER—SUPER GIANT LOS ANGELES
Award of Merit by All-American Selections Committee
The first variety of this giant race. The color is a serenely pure shell pink, in flowers which are full petaled, deep and unusually large, yet artistically graceful in feathery effect of the interlacing petals. Height 2½ ft. Pkt. 15 cts., ¼ oz. 40 cts.

ASTER—WILT RESISTANT
“GOLDEN SHEAF”
The deepest yellow aster yet offered, free flowering and the only yellow Wilt Resistant. Large full flowers with quilled centers and outer band of broad petals. Fine for cutting. Pkt. 15 cts., ¼ oz. 40 cts.

ASTER—SUPER GIANT EL MONTE
Special Mention 1936 All American Selection
A large Crimson Aster, composed of daintily interlocked plume-like petals extremely large and fluffy. Early blooming, a super giant of the Ostrich Feather type. Pkt. 20 cts.

CALENDULA—ORANGE SHAGGY
All American Gold Medal Winner 1935. The long deeply fringed petals over lap each other irregularly, giving the flower the effect of a shaggy Chrysanthemum. A brilliant orange that is effective in the garden or as a cut-flower. Pkt. 10 cts., ¼ oz. 30 cts.

CALENDULA—“SUNSHINE”
All American Gold Medal Winner
2 ft. tall with rather light and graceful foliage. Flowers are a bright golden canary yellow, with the center petals curled inward somewhat resembling Chrysanthemums. Pkt. 10 cts., ¼ oz. 25 cts.

COREOPSIS—DOUBLE SUNBURST
This hardy perennial always was a favorite for gardens and for cut-flowers; now this glorious double form has been preferred. Large double golden yellow flowers on long clean stems are produced all summer if not allowed to go to seed. Pkt. 10 cts., ¼ oz. 30 cts.

DELPHINIUM—BLACKMORE LANGDON’S GOLD MEDAL STRAIN
The Delphinium seed produced by these famous English growers is admired wherever Delphiniums are grown. The seed we offer this season is Imported and in their original sealed packets. Pkt. 15 cts., ¼ oz. 75 cts.

ESCHSCHOLTZIA—RAMONA STRAIN
A new compact strain of California Poppies beautifully frilled and incurved, colors range through the pinks, yellows and bronzes. Pkt. 10 cts., ¼ oz. 30 cts.
MARIGOLD—DOUBLE HARMONY (New)
Dwarf double French Marigold, charming and distinct—flowers Scabiosa-like—deep orange center, petals flanked by broad velvet dark maroon-brown guard petals—plants dwarf, compact, free blooming. Pkt. 10 cts., 1/4 oz. 30 cts.

LARKSPUR IMPERIAL CORAL KING

MARIGOLD—DIXIE SUNSHINE
An entirely new variety. Large ball shaped flowers, composed of many tiny five petaled florets, gracefully interlocking, golden yellow, fully double. Lacks the objectionable Marigold odor. Pkt. 20 cts., 1/16 oz. 30 cts.

MARIGOLD—YELLOW SUPREME
All-American Gold Medal 1935—A full carnation flowered Marigold of a rich creamy lemon-yellow color. A perfect companion to Guinea Gold. Flowers are produced freely and lack the usual Marigold odor. Pkt. 10 cts., 1/8 oz. 25 cts.

MARIGOLD—SUNSET GIANTS (New)
A plant type that is a new departure in Marigolds, being showy, fragrant and of exceptional size. Flowers are loosely formed, full center, colored from light yellow to deep orange. Instead of the usual Marigold odor they have a definite sweet fragrance. Pkt. 15 cts., 1/16 oz. 75 cts.

LARKSPUR—GIANT IMPERIAL WHITE KING
1937 Award of Merit
The florets are extremely large and fully double, measuring 2 in. across, evenly and closely spaced, of a clear glistening white. Cutting spikes 30 in. Plants tall, 5 ft. Pkt. 15 cts., 1/8 oz. 30 cts.

NASTURTIUM—DOUBLE GLEAM HYBRIDS
(The Gold Medal Flower)
The hybrids are a collection of gorgeously colored, large, well formed double flowers of dazzling beauty. Glorious double flowers in salmon, golden yellow, orange scarlet, cerise, cream, orange and crimson on upright stiff stems, abound in profusion. Plants semi-dwarf, easily grown in the garden. Fragrant. Pkt. 10 cts., 1 oz. 20 cts.

PETUNIA—DAINTY LADY (New)
American and European Award Winner
A new yellow single fringed Petunia, medium sized, free bloomer, of unusual merit. The plants are upright, semi-dwarf, excellent for border, bedding, window boxes and cut-flowers. Pkt. 35 cts.
PETUNIA—RUFFLED MARTHA WASHINGTON

All-American Award of Merit 1935. This neat dwarf plant is studded with lovely frilled blooms which are bluish lavender at the center and shade to a bluish white at the edges. Strongly veined in the throat. Comes 100% true from seed. Pkt. 25 cts.

RUST PROOF ANTIRRHINUMS (Snapdragons)

Rust Proof Snapdragons have been subjected to the most rigid tests on rust infested grounds and have produced over 75% of the plants absolutely immune. They are free bloomers having long spikes full of large beautiful flowers. Mixed colors. Pkt. 20 cts., 1/16 oz. 35 cts.

VERBENA—CRIMSON GLOW (New)

The flowers are pure, self-colored glowing crimson, of good size, freely produced on plants which are semi-compact. Crimson Glow is a vivid Verbena and rounds out the color shades of the Verbenas. Pkt. 15 cts., 1/16 oz. 25 cts.

ZINNIA—CROWN O’ GOLD

DEsert Gold (New)

A bicolor Zinnia comprising the deep and lighter shades of gold, each petal overlaid at the base with a deeper golden yellow. The flowers are large, double, well formed on generous stems. Plant 3 ft. tall. Pkt. 15 cts., 1/16 oz. 25 cts.

ZINNIA—EARLY WONDER—GYPSY (New)

A dwarf early bloomer, 30 to 40 days, free blooming, deep rich burnished orange, medium sized flowers on long wiry stems, a good cut-flower. Desirable variety. Pkt. 15 cts., 1/16 oz. 25 cts.

ZINNIA—FANTASY STAR DUST (New)

1937 Award of Merit

The shaggy ray-like petals are entirely different. A delicate graceful bloom of imposing appearance of a rich golden yellow. The plants are 2½ ft. and early blooming. Pkt. 15 cts., 1/16 oz. 25 cts.

ZINNIA—FANTASY MIXED

The rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance to the medium sized double flowers. Large enough to satisfy the desire for mass of color, yet small enough to lend themselves gracefully to flower arrangement. The color range includes red, orange, pink, yellow and cream. Pkt. 10 cts., ¼ oz. 35 cts.

ZINNIA—SCABIOUS FLOWERED

(Annual)

Really a curiosity, the outer row of petals are long and large, while the inner rows are short and tubular, giving the flower the appearance of a Scabiosa. The plants grow three feet in height and are crowded with flowers. Pkt. 15 cts., 1/16 oz. 25 cts.

SPECIAL OFFER—Your selection from these three pages of All-American and Flower Novelties. One 10c pkt., One 20c pkt., and One 25c pkt., all three for 45c. Two collections 80c.
Asters

The most noted advance in Aster growing is the development of a new Wilt Resistant Strain, assuring amateur growers as well as florists beautiful blooms. The Asters listed below, with few exceptions, are bred for resistance to the Fusarium Wilt and are absolutely immune to it.

AMERICAN BEAUTY ASTER

We have noted with pleasure the steadily increasing popularity of the Beauty type Aster as a florists' flower. The colors are good, and their keeping qualities unsurpassed. They are excellent shippers and are rapidly superseding American Branching for general use.

The Early Beauties flower with the Crego and American Branching types, from early July until frost. The plants are from 2½-3 feet, with long, stout stems bearing large well formed flowers. White, Crimson, Peach Blossom, Dark Lavender, Purple, Mixed. Pkt. 10 cts., ¼ oz. 40 cts.

GOLDEN SHEAF

The deepest yellow aster yet offered, free flowering and Wilt Resistant. Large full flowers with quilled centers; outer band of broad petals. Fine for cutting. Pkt. 15 cts., ¼ oz. 40 cts.

IMPROVED GIANTS OF CALIFORNIA

Curl and Interlaced

Characterized by the well-known Crego or Comet type of flower, combined with the Beauty Asters long, non-lateral branching stems and sturdy habit of growth. This type of Aster stands at the head of the list, not only for florists' use, but also for private gardens where quality is appreciated. The large flowers are borne on long stems. The plants grow from 2½-3 feet, blooming from early July until frost. Finest Mixed, all colors. Pkt. 15 cts., ¼ oz. 40 cts.

IMP. NEW GIANT CALIFORNIA SUNSHINE ASTER

The flowers have long, wavy petals and a cushion center of small, feathery quills of a different shade. Plants sturdy and strong, with long, stiff flower-stems. Mixed colors. Pkt. 10 cts., 1/16 oz. 20 cts.

GIANT CREGO OR COMET ASTER

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. Flowers often 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. White, Shell-Pink, Crimson, Lavender, Purple, Mixed, all colors. Pkt. 15 cts., ¼ oz. 40 cts.

AMERICAN BRANCHING ASTER

An Aster selected for its large double chrysanthemum-like blooms borne on long stiff stems. Plants grow from 2½ to 3 ft. high. Mixed colors. Pkt. 10 cts., ¼ oz. 30 cts.

NEW SUPER GIANT LOS ANGELES ASTER

A new race of Asters which promises to supersede all other strains for size and cut-flower use. Received Award of Merit, 1934 All-American selections. Fully described on page 3. Pkt. 15 cts., ¼ oz. 40 cts.

Tobacco dust added to the soil when transplanting Asters, at the rate of about one ounce to the plant, aids in controlling root aphids. See page 40.
**Alyssum**

**ANNUAL ALYSSUM**

*White Carpet.* Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 10 cts., 1/4 oz. 25 cts., oz. 75 cts.


*Sweet.* The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts., 1/4 oz. 15 cts., oz. 40 cts.

**HARDY ALYSSUM — BASKET OF GOLD HP**


**AUBRETIA—RAINBOW ROCK CRESS HP**

Pretty, dwarf-growing plants suitable for the rockery or for the edge of the border. They form masses of silvery green foliage and sheets of various colored flowers in spring and early summer. Mixed. Pkt. 15 cts., 1/16 oz. 50 cts., 1/8 oz. 85 cts.

**ARCTOTIS GRANDIS**

*Blue Eyed African Daisy.* A useful and charming cut-flower from June till frost, lasting a week in water. The daisy-like flowers are glistening white but variegated by the underside of pale lilac-blue. Grows 2 to 3 feet. Annual. Pkt. 10 cts., 1/8 oz. 20 cts.

**ARABIS—ROCK CRESS HP**

*Alpina.* A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat. Height, 6 inches. Pkt. 10 cts., 1/4 oz. 25 cts., 1/2 oz. 40 cts.

**BRACHYCOME—SWAN RIVER DAISY**


**BALSAM—LADY’S SLIPPER**

ANNUAL CALLIOPSIS

**Tall, Mixed.** Contains large and small flowered varieties in many bright colors. Height, 2 to 3 feet. Pkt. 10 cts., 1/4 oz. 30 cts.

**Dwarf, Mixed.** Yellow, orange, and mahogany, and tiger-flowered plants of dwarf growth. Height, 15 in. Pkt. 10 cts., 1/4 oz. 20 cts.

CANDYTUFT

A very hardy, easily grown little annual that is a universal favorite for beds and masses. Successive sowings should be made during the summer, while the last sowing in the autumn will produce flower early in the spring. Height, 1 foot. One packet will sow 13 feet.

**Giant Hyacinth-flowered or Improved Empress.** The finest of all white varieties. The long, heavy spikes of large flowers resembles a white hyacinth. Pkt. 10 cts., 1/4 oz. 20 cts., oz. 60 cts.

**Mixed Colors.** A special mixture we make up of a number of separate colors, assuring a well-balanced assortment. Pkt. 10 cts., 1/2 oz. 25 cts.

HARDY CANDY TUFT (Iberis) HP

The Iberis or Candytuft is very desirable for the hardy perennial border, growing 1 foot high. Mixed Colors. Pkt. 10 cts., 1/6 oz. 35 cts., 1/4 oz. 60 cts.

CANTERBURY BELLS HP

**Campanula calycanthema.** The true Cup-and-Saucer Canterbury Bells. White, Pink, Blue. Pkt. 10 cts., 1/6 oz. 30 cts., 1/4 oz. 50 cts.

**Campanula medium (Single Canterbury Bells).** Mixed. The old-fashioned sorts, with beautiful, large, bell-shaped blossoms. Height, 2 feet. Pkt. 10 cts., 1/4 oz. 35 cts., 1/2 oz. 60 cts.

**Campanula medium (Double Canterbury Bell).** Lovely double bells on tall stems. Height, 2 feet. Colors are mixed. Pkt. 10 cts., 1/6 oz. 20 cts., 1/4 oz. 35 cts.

CARDINAL CLIMBER

A brilliant and beautiful climber, growing rapidly and attaining a height of 30 feet. Foliage fern-like; flowers cardinal-red, 1½ inches across. Soaking the seed or notching the seedcoat will hasten germination. Pkt. 10 cts., 1/6 oz. 20 cts., 1/4 oz. 35 cts.

CARNATION


Chabaud's HP. Large, double, clove-scented blooms, 2 in. and more across, may be had in 5 or 6 months from sowing the seed. Flowers are borne on wiry stems 15-18 in. long.

CASTOR-OIL BEAN—RICINUS

Plants of stately growth and picturesque foliage, brilliant colored fruit, producing an oriental effect. Height, 8 to 12 feet. Pkt. 10 cts., 1/6 oz. 15 cts.

SILVERY CERASTIUM HP


CHRYSANTHEMUM

**Single Annual.** Blooming profusely from early summer until frost, they are most effective and showy. The bright-colored daisy-like flowers are useful for cutting. Height, 1 to 1½ feet. Mixed. Pkt. 10 cts., 1/2 oz. 25 cts.

CHINESE LANTERN PLANT (Physalis Francheti) HP

A very highly interesting hardy perennial plant growing 2 feet high, covered with bright orange-scarlet fruits resembling Chinese lanterns. These fruits may be cut and dried for winter bouquets. Pkt. 10 cts., 1/4 oz. 40 cts., 1/2 oz. 70 cts.

COCKSCOMB OR CELOSIA

**Glasgow Prize.** Immense, showy, dark crimson combs. Height, 1 foot. Pkt. 10 cts., 1/6 oz. 35 cts.

**Pride of Castle Gould.** Enormous plumes which are attractively curled in much the same way as ostrich feathers to which they could be likened. Colors include brilliant shades of pink, orange, and crimson. Annual. Pkt. 10 cts., 1/6 oz. 25 cts.

COLUMBINE—AQUILEGIA HP

One of the most popular perennials, easy of cultivation. Very desirable for herbaceous borders and groups among shrubbery.

**Long Spurred Finest Mixed.** Superb single sorts unsurpassed for beauty and size of flower and with remarkably long spurs. Pkt. 10 cts., 1/6 oz. 50 cts., 1/4 oz. 85 cts.

HARDY COREOPSIS HP

Double Sunburst. Beautiful hardy perennials that grow 15 to 18 inches high and produce their double golden yellow flowers in great profusion. Easily grown from seed, flowering the first year if sown early. Pkt. 10 cts., 1/6 oz. 30 cts.

COBAEA

**Cobaea Scandens.** Rapid growing climber; bell-shaped, rich rosy purple blooms. Unsurpassed for shade on porches or trellises. 10 to 20 ft. Pkt. 10 cts., 1/4 oz. 25 cts.

To germinate fine vegetable and flower seed, sow seeds on top of ground, press into the soil, put a damp burlap bag over the seed. Do not allow it to dry out; keep moist. Remove bag when seeds are up.
Cosmos

Extra-Early Giant, Mixed. Seed sown early will produce plants covered with fine flowers two months before the late flowering kinds. Pkt. 10 cts., 1/2 oz. 20 cts., oz. 60 cts.
Double-Crested Mixed. A new and distinct type of early, large-flowering Cosmos, the center being full double, giving a crested effect. A well-balanced mixture. Pkt. 15 cts., 1/2 oz. 35 cts.

CYNOGLOSSUM FORGET-ME-NOT

Amiable Chinese. An annual of easy culture, forming strong bushy plants 1 1/2 feet high and producing sprays of intense blue and white forget-me-not flowers throughout summer. Sow outdoors in May. Pkt. 10 cts., 1/2 oz. 25 cts.

DAHLIA HP


DELPHINIUM—HARDY LARKSPUR HP

One of our most showy and useful hardy perennial plants, possessing almost every requisite for the adornment of the garden, producing splendid spikes of flowers in profusion throughout the summer.

BLACKMORE & LANGDON’S GOLD MEDAL STRAIN

Famous English Delphiniums, plants vigorous, free-blooming, flower spikes 3 ft. long, florets 1 1/2 to 2 in. across, assorted delicate colors. Undoubtedly the best commercial strain. Pkt. 20 cts., 1/16 oz. 35 cts.
Belladonna. This is one of the most free and continuous blooming varieties. Immense spikes of lovely pale blue. Height, 4 feet. Pkt. 15 cts., 1/2 oz. 40 cts.
Bellamosa. A very dark blue variety of particular value for deliberate dark blue mass effect, and a striking contrast in connection with the azure shade of belladonna. Pkt. 15 cts., 1/2 oz. 40 cts.

DIANTHUS—PINKS

A most satisfatory class of flowers, easily raised from seed, which are in constant bloom the entire season; fragrant.
Heddewigii fl. pl. (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. Mixed. Pkt. 10 cts., 1/2 oz. 20 cts.

We sell only the best grade of seed, tested for purity and vitality—put up in liberal quantity in beautifully colored lithographed packets with reliable directions for culture.


ENGLISH DAISY (Bellis perennis) HHP

ESCHSCHOLTZIA—CALIFORNIA POPPY
Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. Sow the seed where the plants are to remain. Height, 1 foot.
Ramona Strain. A new compact strain of California Poppies beautiful frilled and incurved, colors range through the pinks, yellows and bronzes. Pkt. 10 cts., 1/4 oz. 30 cts.
New Hybrid, Mixed. This mixture has been saved from a number of sorts of wonderful colorings, including old-gold, fire-red, cream, and many other rich and unusual tones. Pkt. 10 cts., 1/4 oz. 15 cts., 1/2 oz. 25 cts.

FORGET-ME-NOT (Myosotis palustris) HHP
Beautiful little half-hardy perennials with star-like flowers. Bloom the first year from seed. Succeeds best in a shady situation. Height, 6 inches. Pkt. 10 cts., 1/4 oz. 30 cts.

FOUR O’CLOCK (Marvel of Peru)

FOXGLOVE—DIGITALIS HP
The Shirley. New large bell-shaped flowers in rose and purple with mahogany-brown spots in the throat, borne on tall heavy spikes 3 feet long. Pkt. 10 cts., 1/2 oz. 20 cts.
GLOBE AMARANTH
Attractive, clover-like, strawy flower heads, about \( \frac{3}{4} \) in. across. Mid-summer until frost. Fine for borders and cutting.

Mixed Colors. White, pink, flesh, red and orange in mixture. 1\( \frac{1}{2} \) to 2 ft. Pkt. 10 cts., 1/4 oz. 25 cts.

GEUM HP
Mrs. Bradshaw. An attractive perennial, growing 2 feet tall and bearing double orange-scarlet flowers during summer. Pkt. 10 cts., 1/8 oz. 20 cts.

GODETIA

GOURDS
Ornamental Varieties, Mixed. Includes a great number of interesting and diverse forms. Pkt. 10 cts., oz. 20 cts.

GYPSOPHILA—BABY’S BREATH
Annuals and early-flowering perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

Elegans alba grandiflora. (Annual). An improved form of bunching with other flowers. 20 cts.

GEUM HP
Mrs. Bradshaw. An attractive perennial, growing 2 feet tall and bearing double orange-scarlet flowers during summer. Pkt. 10 cts., 1/8 oz. 20 cts.

HUNNEMANNIA
Giant Yellow Tulip Poppy, Santa Barbara Poppy or Bush Eschscholtzia

HELICANTHEMUM—SUN ROSE HP

HELIOXYM—ANNUAL
Everyone loves the delightful fragrance and beauty of Heliotrope. Excellent bedding plants in the summer; desirable pot plants during the winter. Succeeds in ordinary soil and full sun. Pkt. 10 cts.

HEUCHERA—CORAL BELLS
Sanguinea. The flowers are of a rich, bright coral-red color, 30 inches high. Pkt. 25 cts., 1/16 oz. 65 cts., 1/8 oz. $1.25.

HOLLYHOCK HP
Chater’s Superb Double Mixed. Hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts., 1/8 oz. 25 cts.

Single Mixed. Probably the most showy of the many good old-fashioned flowers. Pkt. 10 cts., 1/4 oz. 20 cts., 1/2 oz. 35 cts.

HIBISCUS—MALLOW HP
Mixed. Showy shrub-like plants bearing profusely white, pink and red flowers of enormous size during August and September. Easy to grow. 5 to 6 ft. Pkt. 10 cts., 1/4 oz. 25 cts.

HONESTY—LUNARIA (Moonwort; Satin Flower)
Biennis. Hardy biennials, but grown as annuals. Admired for their silvery seed-pouches which are used for house ornaments. Height, 3 feet. Pkt. 10 cts., 1/8 oz. 20 cts., 1/4 oz. 35 cts.

ICE-PLANT (Mesembryanthemum) Annual
Crystallinium. The leaves appear as if covered with a coating of thin ice. This annual plant is grown as a ground cover and is particularly suited for the rock-garden or hanging baskets. The small, inconspicuous flowers are either white or light pink. Pkt. 10 cts., 1/4 oz. 25 cts.

JOB’S TEARS Annual
Gray ornamental seeds. Often strung as beads. 2 to 3 feet. Pkt. 10 cts., oz. 25 cts.

LANTANA

NEW ANNUAL LARKSPURS


Empress Rose. A rich rhodonite-pink changing to hersonia-pink with no trace of mauve. This magnificent new strain is a double, everblooming, super-branching Larkspur and grows over 6 feet. Pkt. 10 cts., 1/8 oz. 20 cts.


Giant Imperial White King. (New). The florets are extremely large and fully double, measuring 2 inches across, evenly and closely spaced, of a clear glinting white. Pkt. 15 cts., 1/4 oz. 30 cts.

Giant Imperial Coral King. (New). A new color in Larkspur. Blush pink with a strong suffusion of coral which deepens and gets richer as the flowers mature. Pkt. 15 cts., 1/4 oz. 30 cts.


LINUM OR FLAX HP
Sibiricum. Large, beautiful, blue flowers, blooms continuously for many weeks. The plants grow from 15 to 24 inches tall. Pkt. 10 cts., 1/8 oz. 20 cts., 1/2 oz. 35 cts.

Grandiflorum Rubrum. Fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 15 inches. Pkt. 10 cts., 1/4 oz. 20 cts.
LOBELIA
Crystal Palace. 4 inches. Deepest blue annual. The compact class form bushy plants fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration as well as for pot culture. Pkt. 10 cts., 1/4 oz. 40 cts.

LUPINUS—LUPINE
Lupines are showy plants, a little out of the ordinary, with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the sweet pea. Do not attempt to transplant the annual sorts.
Polyphyllus, Hardy Perennial, Finest Mixed. Various shades of Pink, Purple, Blue, and White. If sown early will bloom the first season. Height, 3 feet. Pkt. 10 cts., 1/2 oz. 25 cts.

MARIGOLD
Sunset Giants (New). A Marigold without the objectionable odor. Flowers loosely formed, full center, colors light yellow to deep orange. Pkt. 15 cts., 1/16 oz. 75c.
Yellow Supreme. Pkt. 10 cts., 1/4 oz. 25 cts.
Guinea Gold. Without question the most glorious and lovely of all Marigolds. The richest, purest orange-gold color. 2 to 2 1/2 feet high. Pkt. 10 cts., 1/4 oz. 25 cts.
Dixie Sunshine. Pkt. 20 cts., 1/16 oz. 30 cts.
French, Tall double, Royal Scot, bold combination mahogany and gold in symmetrical stripes which radiates from center of flower. Pkt. 15 cts., 1/4 oz. 35 cts.

MEXICAN FIRE-BUSH OR SUMMER CYPRESS
An easily grown annual which forms a cypress-like hedge, with feathery green foliage. At the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 10 cts., 1/2 oz. 20 cts.

MIGNONETTE, SWEET-SCENTED
Valuable on account of its fragrance. Sow in succession during the summer. Annual. Pkt. 10 cts., 1/4 oz. 20 cts., 1/2 oz. 35 cts.

MOONFLOWERS
White. Vines are covered with large white flowers. Seeds should be soaked in water. Pkt. 10 cts., 1/4 oz. 15 cts.

MORNING-GLORIES
Fine for covering fences and trellises on account of their rapid, luxuriant growth. They bloom freely.
Japanese Imperial. Flowers of immense size in a great variety of colors. Pkt. 10 cts., 1/2 oz. 25 cts.
Heavenly Blue (Rubra Coerulea). True blue flowers with white throat measuring 3 1/2 to 4 inches across. Very beautiful and good bloomers. Pkt. 10 cts., 1/4 oz. 20 cts., 1/2 oz. 35 cts.

Heavenly Blue Morning Glories are slow germinating. Soak over-night.

GRAND NEW DOUBLE SWEET-SCENTED NASTURTIUM
Double Scarlet Gleam. Individual double blooms of fiery orange scarlet, almost 3 in. across. The sweet fragrance is very pronounced and the double flowers more uniformly well formed. Plants are semi-dwarf, bearing numerous flowers on long wiry stems. Pkt. 10 cts., 1 oz. 25 cts.
Golden Gleam. Large double golden yellow flowers 2 1/2 inches to 3 inches across. Borne on stiff erect stems 6 inches in length. Pkt. 10 cts., 1 oz. 15 cts.
Dwarf Double Gem. At last we have the perfect nasturtium. Very compact plants without runners; an abundance of long stemmed flowers in colors ranging from the deepest crimson through orange, salmon and cerise to cream. Bright clear foliage makes this a perfect border plant. Pkt. 15 cts.

SINGLE FLOWERING NASTURTIUMS
Our Gilt-Edge Mixtures are especially rich in brilliant colors, large, single flowers and free-blooming. 
Tall or Climbing, Choicest Mixed.

NICOTIANA—FLOWERING TOBACCO

SACCO AND VIGORO PLANT-FOOD MAKES THINGS GROW
These Plant-Foods are specially prepared fertilizer that supplies every necessary element for healthy plant-growth—Nitrogen, Phosphates, and Potash combined in exactly the right proportion. They produce truly amazing results with few applications. See page 41 for prices, etc.
PANSIES
Trimardeau or Giant Mixed. A Giant Flowering variety with an improved color range. Artistic effects can be achieved by planting this superb mixture. Pkt. 10 cts., 1/8 oz. 25 cts., 1/4 oz. 60 cts.

Giant Perfection Mixed. This mixture is composed of giant-flowering sorts having many of the colors and different patterns found in the named varieties both as regards to size, texture and colorings. Pkt. 25 cts., 1/16 oz. 40 cts., 1/8 oz. 75 cts.

TUFTED PANSIES—VIOLAS HP
While the flowers of the Tufted Pansies are not as large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time.

Cornuta Mixed. A splendid mixture of the best varieties.

Gloxinioides. Very showy plants growing from 2 to 4 feet high, rather bushy, with very long, slender spikes bearing many trumpet-shaped flowers with hairy throats, hence the name “Beard Tongue.” Pkt. 15 cts., 1/16 oz. 35 cts., 1/8 oz. 55 cts.

PHYSOSTEGIA—FALSE DRAGONHEAD
Rosy lilac flowers resembling little Snapdragons on rigid, upright plants not unlike Heather. July to September. 3 to 4 ft. Pkt. 10 cts., 1/8 oz. 40 cts.

PETUNIAS—GIANTS OF CALIFORNIA


Platycode—Balloon Flower HP
The unopened buds resemble miniature balloons, opening up as deep-throated, 1 1/2 to 2-inch bells. Plants grow 2 to 3 feet high and bloom profusely.


PERENNIAL POPPY HP

PRIMROSE—MIXED HP
PYRETHRUM PAINTED DAISY HP

Double Mixed. Showy plants that bloom the first season if seed is sown early. Flowers double globular, 2 to 3 inches across, white, rose, crimson, and scarlet. The foliage is fine-cut and ferny. Height, 2 feet. Pkt. 15 cts., 1/16 oz. 30 cts.


SALVIA—SCARLET SAGE

This popular and showy bedding annual plant should be started either in the house or in hotbeds.


Splendens. Tall-growing plants. Height, 3 feet. Pkt. 10 cts., 1/4 oz. 60 cts., oz. $2.00.


LARGE FLOWERING SALPIGLOSSIS

A free-flowering annual, succeeding best in cool, moist soils. The large flowers are most vividly spotted and striped on ground-colors of deep blue rose, velvety yellow and fuchsia bronze. Pkt. 10 cts., 1/4 oz. 30 cts., 1/2 oz. 50 cts.

LARGE FLOWERED DOUBLE SCABIOSA

These beautiful hardy annuals are in great demand. They grow about 21/2 feet high. We highly recommend these new hybrid Scabiosas to all growers. Mixed. Pkt. 10 cts., 1/4 oz. 20 cts.

SHASTA DAISY HP

Alaska. The Shasta Daisy, Alaska is a very large-flowering strain, the blooms measuring 4 to 5 inches across, with broad overlapping petals of purest white. One packet sows 12 feet of row. Pkt. 10 cts., 1/4 oz. 25 cts., 1/2 oz. 40 cts.

Double. Fringed petals on long, wiry stem. Pkt. 25 cts.

GIANT SNAPDRAGON—ANTIRRHINUM

The new varieties are so far superior to the old-time Snapdragons that really there is no comparison. The blooms are very much larger, are better shaped, and far more brilliantly colored. The plants bloom very freely over a long period.

Rust Proof Mixed. The largest advancement in raising Snapdragons is this new variety completely free of rust. Pkt. 20 cts., 1/16 oz. 35 cts.


SNOW-ON-THE-MOUNTAIN HHP

A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white. Height, 2 feet. Pkt. 10 cts., 1/4 oz. 25 cts.

We sell only the best grade of seed, tested for purity and vitality—put up in liberal quantity in beautifully colored lithographed packets with reliable directions for culture.

STATICE—SEA LAVENDER

Sinuata. Perhaps the prettiest of the various Everlastings, with long sprays of bright-colored paper-like flowers. The seeds are in the dried flower-heads which should be planted without separating, laying them flat instead of upright. Mixed. Pkt. 10 cts., 1/4 oz. 20 cts.

STOCKS

Early Giant Imperial. Plants about 21/2 feet and having numerous spikes of very large, double, delightfully fragrant flowers. If sown in February or March, will produce plants that will bloom out-of-doors from midsummer till frost. Finest Mixed. Pkt. 15 cts., 1/4 oz. 50 cts.

Ten Week Stocks. Plants 18 inches high with fine spikes covered with lovely colored flowers. Pkt. 15 cts., 1/8 oz. 40 cts.

STRAWFLOWER OR EVERLASTING FLOWER

Much prized for durable bouquets and winter decoration. To dry, gather flowers when partly unfolded and hang, heads down, in a cool place. Giant-flowering, Mixed. Pkt. 10 cts., 1/4 oz. 20 cts.

SUNFLOWER—HELIANTHUS


Stella. Large golden yellow petals, small dark center. 4 feet. Pkt. 10 cts., 1/2 oz. 15 cts.

SWEET SULTAN (Centaurea imperialis)

Blooms of exquisite texture, possessing a delightful fragrance. The plants grow 2 feet tall and bear a profusion of elegant, long-stemmed flowers. Our mixture includes all the lovely colors belonging to this type. Finest Mixed. Pkt. 10 cts., 1/4 oz. 25 cts., 1/2 oz. 40 cts.

FEED YOUR LAWN AND GARDEN FERTILIZERS—MAKE THEM GROW

A rich, velvety lawn, beautiful flowers and shrubbery, and generous productive gardens are the pride of every home-lover. Growing plants are continually using up the food elements from the soil. To have vigorous, healthy plants, these food elements must be provided for in abundance. The various fertilizers listed in this catalogue on page 41 will supply the soil with this necessary plant-food and aid in the producing of healthy, vigorous growth.

To germinate fine vegetable and flower seed, sow seeds on top of ground, press into the soil, put a damp burlap bag over the seed. Do not allow it to dry out; keep moist. Remove bag when seeds are up.
SWEET WILLIAM (Dianthus barbatus) HP
These make wonderful border plants, with heads of bloom of great size and wonderful beauty. Our mixture combines many rich and beautiful colors.
Single. The fine rounded trusses 3 to 4 inches across of these sorts are composed of many fine disc-like flowers gayly colored and marked. Mixed. Pkt. 10 cts., 1/4 oz. 20 cts., 1/2 oz. 35 cts.
Double. Quite similar in habit and form to the single type but the trusses are made up of many dainty double blossoms. Less showy than the single sorts but longer in flower. Mixed. Pkt. 10 cts., 1/4 oz. 40 cts.

SWEET WIVESFIELD

VALERIAN—GARDEN HELIOTROPE HP
Perennial border plants; large flowers having a fragrance resembling that of the heliotrope. Mixed. Height, 2 to 3 feet. Pkt. 10 cts., 1/4 oz. 25 cts.

VENIDUM—NEW AFRICAN DAISY
Fastuosum Hybrids. Beautiful assortment of pastel shades—buff, lemon, cream, light orange, white and butter-yellow; each petal blotched at the base. Pkt. 15 cts., 1/16 oz. 25 cts.

VERBENA
An excellent annual for beds and massing and for a gorgeous display during the summer months it cannot be excelled. Mammoth Mixed. Pkt. 10 cts., 1/8 oz. 25 cts.

VERBENA—CRIMSON GLOW (New)
The flowers are pure, self-colored glowing Crimson, of good size, freely produced on plants which are semi-compact. Crimson Glow is a vivid Verbena and rounds out the color shades of the Verbenas. Pkt. 15 cts., 1/16 oz. 25 cts.

SIBERIAN WALLFLOWER HP
Very pretty dwarf hardy biennial plants, usually handled as annuals, flowering freely through the summer. For early spring flowering, sow in late summer. Splendid for rockery. Plants grow about 1 foot high, with heads of brilliant orange flowers. Pkt. 10 cts., 1/8 oz. 25 cts.

WILD FLOWER GARDEN
This mixture is valuable for sowing in bare spots, along fences and on embankments and will convert many an unsightly spot into a place of beauty. Large Pkt. 10 cts., 1/2 oz. 15 cts., oz. 25 cts., 1/4 lb. 75 cts.

TRITOMA—RED HOT POKER
Tall spikes topped by narrow, tubular, pale yellow to orange-red flowers closely arranged in shingle-like fashion. A stately plant for the border and cutting. August to October. 3 to 4 ft. New Hybrids. Unusual colors—citron, yellow, orange, coral-red, etc. Pkt. 15 cts., 1/8 oz. 40 cts.

Zinnias
CROWN O’ GOLD—DESSERT GOLD (New)
A bicolor Zinnia comprising the deep and lighter shades of gold, each petal overlaid at the base with a deeper golden yellow. The flowers are large, double, well formed on generous stems. Plant 3 ft. tall. Pkt. 15 cts., 1/16 oz. 25 cts.

EARLY WONDER—GYPSY (New)
A dwarf early bloomer, 30 to 40 days, free blooming, deep rich burnished orange, medium sized flowers on long wiry stems, a good cut-flower. Desirable variety. Pkt. 15 cts., 1/16 oz. 25 cts.

FANTASY STAR DUST (New)
The shaggy ray-like petals are entirely different. A delicate graceful bloom of imposing appearance of a rich golden yellow. The plants are 21/2 ft. and early blooming. Pkt. 15 cts., 1/16 oz. 25 cts.


DOUBLE LILLIPUT OR POMPON ZINNIAS
A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small densely double flowers on long stems, held well above the foliage. Make a good line or bed and are of more than usual value for cutting. Finest Mixed. Pkt. 10 cts., 1/4 oz. 30 cts.

DOUBLE DAHLIA-FLOWERED ZINNIAS
This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative dahlia. As the result of continued painstaking care and selection, the size, form, and coloring have been much improved and we now offer seven beautiful and distinct varieties.
Exquisite. Pale rose, deeper center.
Purple Prince. Fine deep purple.
Crimson Monarch. Largest and best red.
Oriole. Immense; orange and gold.
Canary Bird. Fine; large; primrose.
Meteor. Deep rich glowing red.
Polar Bear. The best large pure white.
Pkt. 10 cts., 1/4 oz. 25 cts.
Dahlia-flowered Mixed, from the varieties named above. Pkt. 10 cts., 1/8 oz. 25 cts.

CACTUS-FLOWERED ZINNIAS
Mixed Colors. Large, attractive double flowers 3 to 4 in. across, with petals partially quilled or tubular. Mostly warmer shades, such as salmon, deep rose, old rose, russet, and dark red. 3 ft. 1/4 oz. 35 cts.

CUT AND COME AGAIN ZINNIAS
Mixed Colors. A colorful blend of this popular bedding and cutting Zinnia. All of the above separate varieties are represented in proper proportion to make a most cheerful display. Pkt. 10 cts., 1/4 oz. 25 cts.
Spencer or Orchid-flowered Sweet Peas

The best of the old-fashioned or Grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round, open flowers of extraordinary size, usually measuring 2 inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are very superior in every respect.

It requires one ounce of Sweet Peas to sow 10 feet of single row.

Sometimes Sweet Pea vines are troubled with lice (Aphis). Spraying with Red Arrow or “Black Leaf 40,” kills them quickly and does not injure the flowers.

SUMMER FLOWERING SPENCER SWEET PEAS

This strain includes the largest and most beautifully formed Sweet Peas, truly gigantic in size, measuring 2 to 2½ inches across. They are beautifully formed with huge standards, open and upright and immense wings gracefully poised. Both standards and wings are delicately waved. Three and often four handsome blossoms are borne on long, strong stems, rendering them available as cut-flowers for vases, bouquets and other decorations.

Avalanche. Very large white.
Celebrity. Bright orange.
Daffodil. Large, deep primrose.
Debutante. Salmon shaded coral.
Ecstasy. Vigorous blush pink.
Mrs. Tom Jones. Deep amethyst blue.
Pinkie. Largest size, rose pink.
Powerscourt. Large lavender.
Reflection. Best clear blue.
Smiles. Shrimp pink, shaded salmon.
Welcome. Brightest scarlet.

Each of above carefully selected varieties. Large Pkt. 10 cts., 1 oz. 20 cts., ¼ lb. 60 cts.

SUMMER FLOWERING SPENCER MIXTURE SWEET PEAS

Blended from only the Giant Waved Spencer varieties. We are sure this mixture will give absolute satisfaction. Large Pkt. 10 cts., oz. 15 cts., 2 oz. 25 cts., ¼ lb. 50 cts., lb. $1.50, postpaid.

“Trial Grounds” Mixture, containing many varieties and colors. Pkt. 5 cts., 1 oz. 10 cts., ¼ lb. 30 cts.

Superb Spencer, Mixed. Blended from only choice selected colors of the better varieties. Pkt. 10 cts., 1 oz. 15 cts., 2 ozs. 25 cts., ¼ lb. 50 cts., 1 lb. $1.50, postpaid.

EARLY FLOWERING SPENCERS

This new class of early-flowering Spencer Sweet Peas is very popular with florists for greenhouse culture. The flowers are of fine size on long stems. Grown in the open ground, they begin flowering fully four weeks sooner than the Summer-flowering Sweet Peas sown at same time.

EARLY-FLOWERING SPENCER MIXTURE SWEET PEAS

It is impossible to make a better blend of colors than this even at much higher prices. In quality unsurpassed and very popular with our customers. Pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., ¼ lb. 60 cts.

Inoculate Sweet Pea Seed with Nodogen. It Insures Germination and a Stronger Growth.

HARDY SWEET PEAS HP

Showy, free-flowering perennial. Blooms continuously from early spring until midsummer. Although lacking fragrance, they are very valuable because they will last almost indefinitely. A very vigorous grower, often growing 6 to 10 feet. Soak seed overnight, sow ½ inch deep. Pkt. 10 cts., ¼ oz. 15 cts.

SWEET PEAS

Are not injured by light frosts and may be planted as early in spring as the condition of the soil will permit.
DISTINCT VARIETIES
The Glad Flower in all its Glory. Distinct varieties of recent introduction. Carefully selected as to Quality. 15 cts. each, 2 for 25 cts., $1.40 per doz.

STANDARD NAMED GLADIOLUS
Giant Nymph. Rose pink, yellow throat.
Mrs. Dr. Norton. Beautiful pink, with rose blotch.
Los Angeles. Pink with orange carmine throat.
Crimson Dream. Deep velvety red.
Albania. Snow white, round petals.
Golden Dream. Tall, late. Best of yellows.
Mrs. F. E. Peters. Extra fine late lavender.
Copper Bronze. Coppery bronze, very beautiful.
Virginia. Brilliant cerise, large. lb. 50 cts.
Opalescent. Pale lavender with darker line in throat.
Orange Flame. Later ruffled orange scarlet.

If bulbs are wanted by parcel post, add 10 cts. extra for the first dozen and 1c extra for each additional dozen.

The Herb Garden
What a wonderful thing is the fragrance of an herb garden. Here we have it distilled and intensified for every plant is fragrant. One can easily understand why the old fashioned herb garden is coming back, the mystery is why it ever disappeared.

ANISE
(Pimpinella anisum.) Annual, 12 to 18 inches tall; chiefly grown for aromatic seeds used in flavoring. (Not the same as Florence Fennel which is sometimes called sweet Anise.) Pkt. 5 cts., 1 oz. 25 cts., ¼ lb. 75 cts.

BASIL—SWEET
(Ocimum basilicum.) A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces. Plant about 18 inches high, branching, with ovate toothed leaves; flowers white or bluish white in leafy terminal racemes or spikes. Pkt. 5 cts., 1 oz. 20 cts., ¼ lb. 50 cts.

BORAGE
(Borago officinalis.) Coarse, hairy annual 2 feet tall; large thick leaves used as pot herb and for flavoring; blue flowers highly decorative and used for garnishing; good bee plant. Pkt. 5 cts., 1 oz. 20 cts., ¼ lb. 50 cts.

CARAWAY
(Carum carvi.) A well known herb, cultivated for its seeds, which are used in confectionery, cakes, etc. The leaves are sometimes used in soups, for flavoring liquors, and for colic in children. Plant ½ to 2 feet high, with finely cut foliage and clusters of small, white flowers. Plants never seed till the second year. Pkt. 5 cts., 1 oz. 20 cts., ¼ lb. 50 cts.

DILL—MAMMOTH
(Anethum graveolens.) Annual about 2 feet tall; of strong aromatic odor and mildly pungent flavor; chiefly grown for seed clusters used in making dill pickles. Pkt. 5 cts., 1 oz. 15 cts., ¼ lb. 50 cts.

FENNEL—SWEET
(Foeniculum officinale.) Perennial usually treated as annual; 3 to 4 feet tall; of aromatic odor and sweet pungent flavor; seeds used for flavoring confections and medicines; differs chiefly from Florence Fennel in not having swollen leaf bases. Pkt. 5 cts., 1 oz. 25 cts., ¼ lb. 75 cts.

LAVENDER
(Lavandula spica.) A hardy perennial growing about 2 feet high. It is used for the distillation of lavender water or is dried and used to perfume linen. It should be picked while still green and dried quickly. The seed is of rather slow and uncertain germination. Pkt. 5 cts., 1 oz. 50 cts., ¼ lb. $1.50.

MARJORAM—SWEET
(Origanum majorana.) An aromatic herb for seasoning. The young tender tops and leaves are used green in summer to flavor broths, dressings, etc.; they are also dried for winter use. Pkt. 5 cts., 1 oz. 25 cts., ¼ lb. 75 cts.

ROSEMARY
(Rosmarinus officinalis.) A hardy perennial with fragrant odor and a warm, bitter taste. The leaves are used for flavoring meats and soups, and for medicinal drinks. Plants do not reach a size suitable for use until the second season. Pkt. 5 cts., 1 oz. 50 cts., ¼ lb. $1.50.

SAGE—BROAD LEAF
(Salvia officinalis.) Hardy, spreading perennial; 12 to 15 inches tall; of strong, pleasant aromatic odor and mildly pungent flavor; the most commonly used of all the herbs for seasoning. Pkt. 5 cts., 1 oz. 20 cts., ¼ lb. 60 cts., 1 lb. $2.00.

THYME
(Thymus vulgaris.) An aromatic perennial herb, 8 to 10 inches high, used principally for seasoning. Plant very branching with wiry foliage and small lilac flowers. Sow as early as the ground will permit. Pkt. 5 cts., 1 oz. 50 cts., ¼ lb. $1.75, 1 lb. $6.00.
SELECTED VEGETABLE SEEDS

Table Beets

Seed should be sown at the rate of one ounce to 100 feet of row. The rows should be spaced 18 to 24 inches apart. Work the soil well and cover the seeds about an inch deep. A rich sandy loam is most favorable, but nearly all types of soil will produce beets if sufficiently fertilized and properly tilled.

When the seedlings are about an inch tall it is well to thin them to about one-half inch apart.

ASGROW WONDER

(Gold Medal Winner.) Outstanding All-American selection and the finest extra early variety. Splendidly adapted for home garden purposes as well as for market; unsurpassed for color, tender and deep red all the way through, semi-flat, fine for bunching. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.25.

PERFECTED DETROIT

All-American selection 1933. An early, round, dark red root, with medium foliage. It seems to have the color, shape, top and earliness desired in this type, cans red with no brown or purples, has no white rings and has a fine top for bunching. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.25.

DETROIT DARK RED

52 to 55 days. The standard of excellence in table beets for home and market garden, shipping and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap root; very dark blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of dark blood-red meat; remains tender and of highest quality until roots are full grown. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.00.

CROSBY’S EGYPTIAN (ORIGINAL STRAIN)

50 to 55 days. Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shape, with small tap root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.25.

GOOD FOR ALL BEET

52 to 55 days. Sometimes called “Rose Bud” or “Baby” Beet. Especially fine for canning and pickling whole at 1¼ to 1½ inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular; collar and tap-roots very small; interior deep crimson, free from white zones. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 40 cts., 1 lb. $1.25.

Artichoke

Seed may be planted during March or April. When large enough to transplant, they should be set in rows about 4 feet apart and about 2 feet apart in the row.

GREEN GLOBE

Plants of medium height with large thistle-like medium deep green foliage. The edible buds or flower heads are deep green, globe-shaped or ovoid. The fleshy bud scales, moderately broad and full at base, are regarded as a delicacy. Pkts. 5 and 10 cts., ½ oz. 30 cts., 1 oz. 50 cts., ¼ lb. 15 cts., 1 lb. $1.25.

Asparagus

1 Ounce for 50 Foot Drill; 4 Pounds to Acre

MARY WASHINGTON

Mary Washington has proven to be highly rust resistant, hardy and productive. The shoots are long, straight, thick, and heavy; dark green the entire length, except tinted darker at the tips. Pkts. 5 and 10 cts., 1 oz. 15 cts., 2 oz. 25 cts., ¼ lb. 40 cts., 1 lb. $1.25.
Beans

Plant beans after all danger of frost is past, in warm, dry well-prepared soil. The rows should be 2 to 3 feet apart and the seeds covered 1 1/2 to 2 inches deep. Thin the young plants to 3 to 6 inches apart in the rows.

For succession, plant every 2 weeks until mid-summer.

Frequent picking of the crop insures long bearing. Two pounds of seed sow 100 feet.

Ask for quantity prices on beans.

We do not pay postage on Beans (except packets). If ordered by parcel post, add 10 cts. extra for first pound, and 1c for each additional pound.

Dwarf or Bush, Wax Podded

PENCIL-POD BLACK WAX

52 days. The meatiest, crispest, most brittle, and entirely stringless Bean grown—the one "Best Bean." It is early, prolific under all conditions, and can be grown for early spring, midseason, and late canning markets. The seed is shining yellow. Seed yellow, kidney shaped. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

WEBBER OR "CRACKER JACK" WAX

49 days. Flat podded. Pods long, straight and stringless. Brittle pods 6 to 6 1/2 inches long. Color of pod is decided yellow. Seed yellow, kidney shaped. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

IMPROVED GOLDEN WAX (RUSTLESS)

49 days. Much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4 1/2-5 inches long; 1 1/2 inch wide, thick, oval; fleshy, brittle, stringless; very prolific. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

DAVIS WHITE WAX

52 days. Well adapted for shipping. Plant large and thrifty. Pods 6 inches long, uniform and attractive; light yellow; fleshy and tender when young but become somewhat fibrous and stringy. Seeds white. Excellent for baking. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

HODSON WAX

65 days. Notably resistant to disease. Pods light yellow; 6 1/2-7 inches long; 1/2 inch wide, thick oval; fleshy and tender when very young but become tough and stringy; quite late. Pkts. 5 and 10 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

UNRIVALLED WAX

55 days. Both plant and pod are free from rust and blight. Pods semi-flat but fleshy; brittle, stringless and tender. Pkts. 5 and 10 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

SURE-CROP STRINGLESS WAX

Sometimes sold as Boontiful Wax

53 days. The pods average 6 to 7 inches long, are very meaty, flat but thick through. Pkts. 5 and 10 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

Dwarf or Bush, Green Podded

BURPEE'S STRINGLESS GREEN POD

52 days. High quality for home and market garden. Plant large, thrifty, heavily productive. Pods medium green; 3 1/2 inches long, almost 1 1/2 inch wide and equally thick; very fleshy; strictly stringless, fine grained, tender. Seeds coffee brown. Similar to Giant Stringless Green Pod and Full Measure but pods a trifle shorter and thicker. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

TENDERGREEN BEAN

A Better Stringless Green Pod

54 days. This new variety has proved to be one of the very best green beans with round pods. The pods are long, rather slender, light green, round as a pencil, stringless and of a very high quality, being unusually tender and delicious when cooked. Market gardeners find it a very profitable bean to grow. Is early in production and handsome in appearance and of high quality and yield. Pkts. 5 and 10 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

RED VALENTINE

52 days. Plant medium sized, erect, compact, hardy. Pods medium green; 4 1/2-5 inches long; 3/4 inch thick; wider than thick; very slightly stringy; extremely fleshy; brittle, fine grained, tender. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

SURE-CROP STRINGLESS WAX

Sometimes sold as Boontiful Wax

53 days. The pods average 6 to 7 inches long, are very meaty, flat but thick through. Pkts. 5 and 10 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

DWARF WINDSOR LONG POD

(Also known as Fava Bean and as Horse Bean; not a kidney bean.) Late. Valuable for green shell use. Plant very large and erect, strictly bush. Pods medium green, 6-6 1/2 inches long; 3/4 inch thick, round; absolutely stringless, very fleshy, brittle and fine grained. Seeds dark violet-purple splashed with buff. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

GIANT STRINGLESS GREEN POD

54 days. Plant large, hardy, heavily productive. Pods medium green, 6-6 1/2 inches long; 3/4 inch thick; round; absolutely stringless, very fleshy, brittle and fine grained. Seeds glossy yellowish-brown. Pkts. 5 and 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.
Bush Lima Beans

BURPEE'S IMPROVED BUSH
75 days. This strain of Burpee's Bush Lima has beans of larger size and deeper green color than the old strain and the vines are more true to the bush, forms with fewer runners. The beans are both larger and thicker than the old form and the pods are also larger. Pods 4¼ to 5 inches long, 1¼ inches wide, ¾ inch thick. Usually contain 4 large, thick beans. Pkt. 10 cts., ½ lb. 15 cts., 1 lb. 30 cts., 5 lbs. $1.15, 10 lbs. $2.10.

FORDHOOK BUSH LIMA (POTATO LIMA)
75 days. Plant large, erect, heavily productive. Pods 4 to 4½ inches long; stout, 1¾ inches wide, ½ inch thick; contain 3 to 4 seeds. Green shell beans large, very plump, of the highest quality. Those who prefer the thick potato Limas will find this strain far superior to any other. It is the most profitable variety to raise for market when the beans are sold in the pods. Dry beans large and very plump. Seeds white. Pkt. 10 cts., ½ lb. 15 cts., 1 lb. 30 cts., 5 lbs. $1.25, 10 lbs. $2.25.

HENDERSON'S BUSH
(Baby Lima.) 65 days. Very popular for canning. Plant medium large, heavily productive. Pods small; 3 inches long, ¾ inch wide, ¼ inch thick; contain 3 to 4 seeds. Green shell beans small, flat, of splendid quality. Dry beans white. This is the bush form of Small White Lima (Carolina or Sieva). Pkts. 5 and 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.20, 10 lbs. $2.25.

Pole Lima Beans

KING OF THE GARDEN
88 days. Splendid climber, heavily productive. Pods 6 inches long, 1¾ inches wide, ¾ inch thick; straight, with 4-5 beans. Seeds large. Thick, flat, white. An improved form of Large White Lima. Pkt. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.15, 10 lbs. $2.00.

LARGE GREEN SEEDED
84 days. Seed of a decided green tinge, that is, not bleached ivory-white. Unsurpassed in flavor, of superior quality averaging 4 to 5 beans to the pod, which are 4½ to 5½ inches long. Pkt. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.15, 10 lbs. $2.00.

SEIBERT'S EARLY LIMA
30 days. Early and dependably productive for home, market garden, and for canning. Pods 5 inches long, 1¾ inches wide, ¾ inch thick. Seeds large, thick; white. Pkt. 10 cts., ½ lb. 15 cts., 1 lb. 30 cts., 5 lbs. $1.15, 10 lbs. $2.10.

Pole or Running Beans

KENTUCKY WONDER (OLD HOMESTEAD)
65 days. Unexcelled for home and market garden. Excellent climber, thrifty, heavily productive. Pods medium green; 9 to 10 inches long, nearly round and ½ inch in diameter; slightly stringy, very fleshy, brittle, tender; seeds dun-colored. Pkts. 5 and 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

KENTUCKY WONDER WAX
67 days. Good climber, heavily productive. Pods wax yellow; 8 inches long, ¼ inch wide, almost as thick as wide; practically stringless; fleshy, brittle, tender; seeds chocolate brown. Pkts. 5 and 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

LAZY WIFE POLE BEANS
74 days. Excellent for snaps, green shell and dry shell beans for home and market garden. Good climber, heavily productive. Pods medium green; 6-6½ inches long, ¼ inch wide, thick, straight, fleshy, stringless, brittle, tender; seeds plump, white. Pkts. 5 and 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

LONDON HORTICULTURAL OR SPECKLED CRANBERRY
Snaps 70 days; green shell beans 80 days. Good climber. Pods 6 inches long, ¾ inch wide, thick, straight, stringless; dark green at snap stage, yellowish-green splashed with violet-red at green shell stage. Pkts. 5 and 10 cts., ½ lb. 10 cts., 1 lb. 15 cts., 5 lbs. $1.20, 10 lbs. $2.25.

GOLDEN CLUSTER WAX
Long, broad, deep yellow pods of finest quality; bean white, pods often 7 inches long and an inch broad. Pkts. 5 and 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.20, 10 lbs. $2.25.

Field Beans

Dwarf or Bush, Green Podded

The following varieties of beans are used for baking, soups, etc., and are grown extensively as field crops. These beans should be planted in rows 28 to 30 inches apart, dropping the seed about 10 to the foot of row. A pound will plant from 100 to 150 feet of row, depending upon the size of the beans.

LARGE WHITE MARROW OR MOUNTAIN
Ripe in 100 days. High quality large bean for use dry. Plant large with tendency to form runners; very vigorous and productive. Pods 5½ inches long. Dry beans medium large, white. ½ lb. 10 cts., 1 lb. 15 cts., 5 lbs. 70 cts., 10 lbs. $1.25.

WHITE KIDNEY
Ripe in 100 days. High quality large bean for use dry. Plant large with tendency to form runners; hardy, heavily productive. Pods 6-6½ inches long. Beans long kidney shape; white. ½ lb. 10 cts., 1 lb. 15 cts., 5 lbs. 70 cts., 10 lbs. $1.25.

RED KIDNEY
Large red, kidney shaped beans. Yields heavily on strong land. Considered one of the most profitable beans to raise for market. ½ lb. 10 cts., 1 lb. 15 cts., 5 lbs. 70 cts., 10 lbs. $1.25.

YELLOW EYE
Medium size white beans with yellow spot or "eye." It produces large crops and matures early and is less subject to the diseases which often attack other kinds. ½ lb. 10 cts., 1 lb. 15 cts., 5 lbs. 70 cts., 10 lbs. $1.25.

ROBUST PEA BEAN
An improved strain of Marrow Pa Beans which resists the Mosaic disease that is often very destructive. The beans are small, round and pure white, and of good quality. 1 lb. 15 cts., 5 lbs. 70 cts., 10 lbs. $1.25.
Cauliflower

For many years cauliflower has been considered one of the most delicious vegetables, but until lately it was thought to be hard to grow. However, it is now known that the same methods that produce good cabbage will grow good cauliflower. The only great difference in culture is that cauliflower heads must be protected from sunlight so as to make sure of the desirable white curd. This is most easily accomplished by gathering the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads.

**SUPER SNOWBALL**

Stands out as the most valuable Cauliflower. In the tests of the Pennsylvania State College it appeared as the best of all strains. It is early, heads forming all at one time, uniformity of size, shape and type. Round, pure white heads. Of highest quality. Pkt. 25 cents., ¼ oz. 75 cts., ½ oz. $1.25, 1 oz. $2.25.

**SNOWDRIFT**

A new, early variety which makes a larger head than Snowball. The head has unusual depth, is of fine texture, and blanches very easily. Pkt. 25 cts., ¼ oz. 60 cts., ½ oz. $1.10, 1 oz. $2.00.

**EARLY SNOWBALL**

52 days. The best for greenhouse forcing, early market and shipping. Plants very dwarf. Heads snow white; deep, smooth, compact; about 6 inches across and weigh 1½ to 2 lbs.; the standard of excellence in cauliflower. This is undoubtedly the finest variety ever introduced; it is the earliest and produces beautiful heads. Pkt. 15 cts., ¼ oz. 50 cts., ½ oz. 90 cts., 1 oz. $1.75.

**DANISH GIANT—DRY WEATHER**

65 days. Dependable variety to plant at the same time as Early Snowball, the crop being ready when Snowball has been harvested; one of the most dependable in adverse, dry weather. Plants dwarf, short stemmed; larger than Early Snowball. Heads large; 6-7 inches across commonly weigh 2 lbs., white with tinge of cream; of splendid quality. Pkt. 15 cts., ¼ oz. 50 cts., ½ oz. 90 cts., 1 oz. $1.75.

**Brussels Sprouts**

Half dwarf. Plants grow 30 inches tall; very dependable. Stems well covered with small firm cabbage-like balls 1½ inches in diameter which mature in succession. They are successfully grown wherever conditions are favorable for late cabbage and require the same method of culture. Pkts. 5 and 10 cts., 1 oz. 30 cts., ¼ lb. $1.00.
**Carrots**

Carrots contain large amounts of those elements which the human body needs for health and strength. They require about the same simple care as beets, they have no serious insect enemies, and they are rarely attacked by disease. Since freshly manured soil often causes divided roots, it is best to plant them in soil that has been richly fertilized the previous season. Plant the seed one-half inch deep in loose, well prepared soil, making rows 16 to 24 inches apart. Cultivate as soon as the plants are well established and thin to 2 or 4 inches in the row according to the size of the variety. Plantings may be made from early spring until mid-June. For winter storage the later date is advisable.

**RED CORED CHANTENAY**

70 days. New and very greatly improved selection. Identical in size and form with the Chantenay but its deep orange-red color goes through to the very center. The yellow rind usually found around the core of carrots has been bred out in this new variety and a much sweeter, richer flavor has been acquired, enough to fully establish its superiority. The superb color, fine quality, crispness and heavy yield all combined will undoubtedly make this the most popular carrot variety on the list as soon as it becomes known. Pkts. 5 and 10 cts., oz. 15 cts., 1/4 lb. 35 cts., 1 lb. $1.25.

**THE NEW IMPERATOR**

77 days. New. All-American Selection, Award of Merit Winner. Remarkable introduction which fills the great demand for a longer Carrot than Chantenay but with the quality of this short-rooted variety. Imperator has attractive roots, 7 to 8 inches long, slightly tapering, sloping shoulders and just enough top to bunch well; a little longer root than Danvers. Imperator color is deep solid orange from the exterior all through to the middle of the root. It is prolific and of high quality, brittle, tender, sweet and delicate in flavor. We recommend this outstanding Carrot for home gardeners, truckers and shippers. Pkts. 5 and 10 cts., oz. 15 cts., 1/4 lb. 35 cts., 1 lb. $1.25.

**OX-HEART OR GUERANDE CARROT**

75 days to produce roots of good table size. Especially desirable for field culture on heavy soil; good keeper and much used for stock feed. Roots scarlet-orange; broad, blunt, heart-shaped; become 4 1/2 to 5 inches long; easily harvested. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 35 cts., 1 lb. $1.00.

**DANVERS—HALF LONG**

75 days. Very productive and popular for home and market garden; much used for shipping. Roots bright deep orange, 6 to 8 inches long, 1 3/4 inches thick, uniformly tapered to the blunt end. Flesh bright orange, crisp and tender. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 35 cts., 1 lb. $1.00.

**MORSE’S NEW BUNCHING**

72 days. Gold Medal. Cylindrical, half-long carrot, of ideal size and shape for bunching. Color is a fine deep orange throughout with a small, indistinct core. Tops are short, rather bushy and strong but not coarse at the neck. Quality is fine and flesh is tender and sweet. This was developed as a bunching carrot for market and long distance shipping and makes a splendid appearance. It is equally as desirable in the home garden, just the right size and shape that appeals. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**SCARLET NANTES OR CORELESS CARROT**

70 days. Because of the delicate texture of the roots this carrot is often referred to as “Coreless.” It is half-long and stump-rooted, averaging from 6 to 7 inches in length when mature. The flesh is very fine grained, absolutely without any woody heart or core. The color of the flesh is a rich red-orange and its flavor is of the finest. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**CHANTENAY**

70 days. Splendid general purpose carrot; much used in home and market garden and for shipping bunched. Extensively grown for winter storage. Dependably heavy yielder. Roots deep reddish-orange; thick at top; tapered; stump-rooted; flesh deep orange. A most excellent, medium early half-long variety. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 35 cts., 1 lb. $1.00.

**GEORGIA SOUTHERN OR CREOLE**

Non-heading form of the cabbage family very generally grown for greens in home and market gardens in the South. Plant 2 to 3 feet tall, erect, spreading, and with numerous large leaves; forms at the top a loose cluster or head of tender leaves. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 50 cts.
CABBAGE

First Early Cabbage

For early cabbage, plants may be started indoors or under glass as early as March 1st. They should be spaced 3 inches apart each way when pricked out into boxes and should be gradually hardened off by exposure to cooler outdoor conditions. Transplant in the open as soon as the ground can be properly prepared. No better seed is obtainable than our pure bred strains.

One ounce of Cauliflower or Cabbage Seed will make 3,000 plants

GOLDEN ACRE

60 days. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 lbs. This is similar to Copenhagen Market but is several days earlier and the heads are smaller. It is earlier than Early Jersey Wakefield. Pkts. 5 and 10 cts., 1 oz. 30 cts., 1/4 lb. $1.00, 1 lb. $3.50.

COPENHAGEN MARKET

66 days; distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early krait variety. Plant small; compact, allowing very close planting; stem short; heads uniformly round; firm with firm outside leaves. Interior clear white and of excellent quality. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.50.

EARLY JERSEY WAKEFIELD

62 days. Extremely early variety; very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing very close planting; stem short. Heads conical, usually 7 inches long, 5 inches thick near base, firm and weigh 2 to 2 1/2 lbs. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.50.

Second Early and Intermediate Cabbage

MARION MARKET

("YELLOW" RESISTANT)

A round, solid-headed, crisp-leaved Cabbage that will produce a crop on "yellows"-infected soils where non-resistant strains fail completely. Pkt. 10 cts., 1 oz. 30 cts., 1/4 lb. $1.00, 1 lb. $3.50.

EARLY DOLLAR FLAT DUTCH

71 days. Splendid for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep and weigh 4 1/2 to 5 lbs.; of high quality. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.25.

EARLY WINNIGSTADT

77 days. Very hardy and dependable. Heads extremely firm; heart-shaped; become 8 to 10 inches long and 6 to 7 inches thick near base, and weigh 5 lbs.; of splendid quality. Every plant forms a good head. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.25.

GLORY OF ENKUJIZEN

73 to 80 days. Particularly valuable for krait. Heads very large; globular; 8-9 inches in diameter; firm; commonly weigh 8 to 10 lbs.; stem medium short. Only a week or ten days later than Copenhagen Market. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.25.

NOTE—Slug Shot kills cabbage worms absolutely.

Can be used without danger. Lb. 25 cts. (postpaid 30 cts.), 5 lbs. 85 cts. (postpaid $1.00).

Autumn and Winter Cabbage

THE HOUSER

An extremely late vigorous type of late flat Dutch somewhat resistant to yellows. Pkts. 5 and 10 cts., 1 oz. 30 cts., 1/4 lb. $1.00, 1 lb. $3.50.

DANISH BALL HEAD SHORT STEM

83 days. Danish Ball Head is the best late cabbage offered to the trade. The plants are medium sized with short stem. Heads large; flattened globe shape; become 8-9 inches across, 6-7 inches deep and weigh 7 to 9 lbs. Very firm and solid, of excellent quality and keep perfectly in storage until late spring. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.50.

HOLLANDER

100 days. A high class cabbage of the Ball Head type. Plants medium small, allowing closer planting than any other late cabbage; short stemmed; erect and compact; extremely hardy. Heads spherical; 6 1/2 to 7 inches in diameter, weight 6 to 7 lbs.; remarkably firm and solid, of splendid quality, and keep perfectly in storage until late spring. Pkt. 10 cts., oz. 40 cts., 1/4 lb. $1.20, lb. $4.00.

PREMIUM LATE FLAT DUTCH

105 days. The best very large, late cabbage; popular for home and market garden and for fall shipment; a good keeper. Heads very large and flat, but deep; become 12-14 inches across, 7 inches deep and weigh 12 to 14 lbs. or more; firm and of good quality. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 75 cts., 1 lb. $2.25.

PENN STATE BALL HEAD

(Original Strain)

A new development of shipping cabbage. A variety developed by the Division of Plant Breeding of Pennsylvania State College and Experimental Station. Penn State Ball Head shows records of over 20 tons per acre. This extra tonnage, combined with fewer cracked heads and better storage quality placed Penn State Ball Head in a class of its own. Pkt. 10 cts., 1 oz. 30 cts., 1/4 lb. 90 cts., 1/2 lb. $1.75, 1 lb. $3.00. (Penn State College Sealed.)

WISCONSIN No. 8 ("YELLOW" RESISTANT)

105 days. Splendid, late cabbage for storage, shipment and krait manufacture. The heads are large, globular to flattened globe shape, very firm; weigh 7 to 9 lbs.; of excellent quality. Pkts. 5 and 10 cts., 1 oz. 25 cts., 1/4 lb. 85 cts., 1 lb. $2.50.
CABBAGE—LATE—Continued

MAMMOTH ROCK RED

90 days. The best red cabbage; splendid winter keeper. Heads round to slightly flattened globe shape; commonly 7 inches in diameter and weigh about 7 pounds; very hard; deep purplish-red. Every plant will produce a good head under favorable conditions. Pkts. 5 and 10 cts., 1 oz. 25 cts., ¼ lb. 75 cts., 1 lb. $2.50.

SAVOY—IMPROVED AMERICAN

85 days. The best of the Savoy group for home use and market. Leaves blistered; stem short. Heads flattened globe shape; large, firm; interior leaves crumpled, attractive light yellow; of distinct flavor. Pkts. 5 and 10 cts., 1 oz. 25 cts., ¼ lb. 75 cts., 1 lb. $2.50.

Chinese Cabbage

Combines the qualities of both celery and cabbage and is highly prized as a salad vegetable. Plant seed out of doors at the same time as turnips. Thin 12 to 16 inches apart in the rows. If planted too early, this species will “bolt” during hot weather and fail to form heads.

CHIHILI

Early and very sure heading. Head becomes 18-20 inches tall, 3/5-5 inches thick, tapered near tip, very firm, well blanched, crisp, tender and sweet. Very desirable for shipping and for home and market garden, and is of the finest table quality. Pkts. 5 and 10 cts., 1 oz. 25 cts., ¼ lb. 75 cts., 1 lb. $2.50.

WONG-BOK

Heads 8-10 inches tall; broad; firm. Well blanched, tender and of excellent quality. Has become popular for market. Pkts. 5 and 10 cts., 1 oz. 25 cts., ¼ lb. 75 cts., 1 lb. $2.50.

Celery

Our Stock is the Choicest Available

For the earliest crop start the seed in a hotbed or in the house during February or March. For the fall or main crop, sow the seed in the open ground as early in the spring as the soil can be worked into good condition. They will be ready for setting in rows in July. Celery requires a rich, well-manured soil and plenty of moisture so that it can make a continuous growth. One ounce sown in the seed-flat gives 8,000 to 10,000 good strong plants.

NEW NOVELTIES

Golden Giant Pascal. 1 lb. $20.00, ¼ lb. $6.00, 2 ozs. $3.50, 1 oz. $2.00.
Non Bolting Balling Celery. 1 lb. $20.00, ¼ lb. $6.00, 2 ozs. $3.50, 1 oz. $2.00.
Crispheart. 1 lb. $20.00, ¼ lb. $6.00, 2 ozs. $3.50, 1 oz. $2.00.

EMPEROR OR FORDHOOK

130 days. A dwarf of superior excellence and very showy foliage dark green, to be at once noted because of its particularly upright growth of unusually thick stalks, very solid and large, no suckers, sixteen inches high, and edible stalks of half that height. Pkts. 5 and 10 cts., 1 oz. 40 cts., 2 ozs. 70 cts., ¼ lb. $1.25, 1 lb. $4.50.

GIANT PASCAL

Matures late. Desirable for home and market garden. Plant large and compact. Leaf stalks long, thick and solid; of unsurpassed rich, nutty flavor. Pkts. 5 and 10 cts., 1 oz. 35 cts., 2 ozs. 50 cts., ¼ lb. 90 cts., 1 lb. $3.00.

GOLDEN PLUME OR WONDERFUL

This variety of celery resembles Golden Self Blanching but is much larger and ranker in growth, blanches more quickly, matures earlier and very desirable for shipping and for home and market garden, and is of the finest table quality. Pkts. 5 and 10 cts., 1 oz. 80 cts., 2 ozs. $1.50, ¼ lb. $2.75, 1 lb. $10.00.

EASY BLANCHING

Splendid early variety for home and market gardens. Makes vigorous, erect, compact growth; blanches very readily; stalks thick, solid, of a rich, nutty flavor; a good keeper. Pkts. 5 and 10 cts., 1 oz. 50 cts., ¼ lb. $1.25, 1 lb. $4.00.

GOLDEN PHENOMENAL CELERY

Very desirable for shipping. Plants ready for use early; full hearted; compact; with long, edible stalks that are thick, solid, blanch readily, and are of rich, nutty flavor. Pkts. 5 and 10 cts., 1 oz. 80 cts., ¼ lb. $2.75, 1 lb. $10.00.

GOLDEN YELLOW SELF BLANCHING

DWARF

Standard market and shipping sort. Plants medium sized, stocky. Pkts. 5 and 10 cts., 1 oz. 90 cts., ¼ lb. $2.75, 1 lb. $10.00.

GOLDEN DETROIT

This new development of the Golden Self Blanching type. Plants very compact and full hearted. Stems broad, thick; blanch easily to a rich creamy-yellow. Pkts. 5 and 10 cts., 1 oz. 65 cts., 2 ozs. $1.20, ¼ lb. $2.25, 1 lb. $8.00.

FLORIDA GOLDEN

A selection from Golden Plume, bred for taller growth, increased weight and larger, thicker stems; matures early, stems broad and thick, solid and crisp. Plants full hearted and compact. Pkts. 5 and 10 cts., 1 oz. 90 cts., 2 ozs. $1.50, ¼ lb. $2.75, 1 lb. $10.00.

WINTER QUEEN

The best winter variety. Moderately dwarf, erect, compact with solid heart. Pkts. 5 and 10 cts., 1 oz. 35 cts., 2 ozs. 50 cts., ¼ lb. 80 cts., 1 lb. $3.00.

UTAH OR SALT LAKE

A green sort that blanches quicker and whiter than other green varieties, matures a week earlier than Giant Pascal, plants sturdy, compact and very solid. Stems broad, thick, well rounded. Rich nutty flavor. The firm hard stalks keep well in storage. Pkt. 10 cts., oz. 60 cts., ¼ lb. $2.50, lb. $8.50.
Golden Yellow Sweet Corns of Special Merit

GOLDEN COLONEL
A New Introduction
A golden yellow Country Gentleman growing 7 to 8 feet high. The large ears with deep kernels are produced late in the season. This corn is very sweet and of finest quality. 1 lb. 65 cts.

GOLDEN CROSS BANTAM
88 days. Highly resistant to Stewart’s disease and very prolific. Stalks sturdy with exceptionally broad, dark green leaves. Ears 10 to 14 rowed, 7 1/2 to 8 inches long. Slightly lighter yellow than Golden Bantam. Kernels medium in width and depth. This hybrid is extremely uniform in plant and ear characteristics and in maturity. Excellent for market gardeners. Pkt. 10 cts., 1/4 lb. 15 cts., 1/2 lb. 25 cts., 1 lb. 40 cts., 5 lbs. $1.75.

In Sweet Corn demonstrations conducted by Agricultural Extension workers this year Golden Cross Bantam, a new variety, was practically free from wilt in all demonstrations.

GOLDEN SUNSHINE
76 days. An earlier Golden Bantam. A yellow early, high quality sweet corn ready for market ten days earlier than Golden Bantam, but more dwarf in growth. The ears are 6 1/2 inches long. 12 rows of broad yellow sweet grains. It is especially desirable for its extreme earliness. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

TOP CROSS SPANISH GOLD
Four days earlier than Golden Bantam and generally twice as productive, the attractive 8-inch 12-rowed ears command a premium on the market. For tenderness and succulence we have never seen its equal and it holds this fine quality 2 to 3 days longer than other corns. Produces heavy crops in areas where Golden Bantam succumbs to bacterial wilt (Stewart’s Disease). Compares favorably with the Evergreens in canning cost. Pkt. 10 cts., 1/4 lb. 15 cts., 1/2 lb. 25 cts., 1 lb. 40 cts.

GOLDEN BANTAM
80 days. The best strain of Golden Bantam offered to the trade. As early as Sunshine and of incomparably better quality. Plants dwarf; 4 1/2 to 5 feet tall; very productive, commonly bearing 2 ears. Ears 6 to 7 inches long; strictly 8 rowed; very uniform. Kernels rich golden yellow, very tender, sweet and of splendid rich flavor. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

CONTROL OF CORN EARWORM
The ears of sweet corn are attacked by young caterpillars which feed first on the growing silk and later work down into the ear, eating the kernels. Early maturing varieties of plants are less subject to injury from the caterpillars. Sweet corn may be protected by dusting with a combination of lead arsenate and dusting sulphur, using equal parts of the materials. The dust should be applied as soon as silk forms on the developing ears. It may be necessary to make several applications, as the ears do not all develop at the same time.
We appreciate your orders and shall make every effort to fill them promptly and properly. We have selected this form for your convenience as well as our own. We hope you will use many of them. More on request.

Chaapel's Seed Store
# ORDER SHEET

**CHAAPEL’S SEED STORE**  
39 East Third Street, WILLIAMSPORT, PA.

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Remittance may be sent by check, Draft P. O., Order, Express Money Order, or Registered Letter. Amounts under $1.00 may be sent in Postage Stamps. It is not safe to send Silver.

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Have you allowed for necessary postage and bags in your remittance?

Yours truly.

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**NO ENVELOPE NECESSARY**

\[\text{This flap is gummed, ready to seal}\]
**Finest White Sweet Corn**

Seeds may be planted either in rows or hills. If planted in rows, they should be spaced from 2 1/2 to 4 feet apart, depending on the height of the variety; seeds should be dropped at the rate of 5 or 6 to the foot, and covered about 2 inches deep. If planting in hills, drop 5 to 6 seeds per hill and space the hills 3 feet apart each way. When plants are 4 to 5 inches tall, thin from 8 to 12 inches apart and keep well hoed until the ears are set.

Ask for quantity prices.

**GILL'S EARLY WHITE MARKET**

The earliest Sweet Corn. By planting this variety, you can enjoy good fresh Sweet Corn a week to ten days earlier than you otherwise would. Many ears measure 8 inches long and have 12 to 14 rows of pure white kernels. The quality of the Corn is excellent for so early a variety, being better than any other kind that matures quickly. We are sure market growers will find this a very profitable Corn as it can be put on the market before any other variety of anywhere near its size. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

**HOWLING MOB**

85 days. A large-eared, early Sweet Corn generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Always dependable. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

**EARLY EVERGREEN**

90 days. Very valuable canning and market sort about 1 week earlier than Stowell's Evergreen from which it was developed. Plants 6 1/2 to 7 feet tall. Ears about 7 1/2 inches long, 2 1/2 inches thick with 14 to 20 rows of very deep, white, sweet, tender kernels that remain fresh and tender remarkably long. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

**STOWELL'S EVERGREEN**

95 days. Standard late variety very valuable for canning and much grown for market. Plants 7 to 7 1/2 feet tall. Ears 8 inches long; 2 1/2 to 2 3/4 inches thick; 14 to 20 rowed. Kernels very deep, white, sweet and tender and remain in table condition a long time. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

**COUNTRY GENTLEMAN**

93 days. Heavy yielding variety with Evergreen character. Valuable for home, market garden and especially for canning. Plants 6 1/2 to 7 feet tall, commonly with 2 or more ears. Ears 7 1/2 to 9 inches long, 2 inches thick; set solid with irregular rows of kernels. These are white; shoe-peg form, very deep, sweet and tender. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

**BLACK MEXICAN**

88 days. Plants 6 1/2 feet tall. Ears 8 to 9 inches long; 8 rowed; very uniform. Kernels clear white at table stage; tender and of a rich sweet flavor; become uniform blue-black when ripe. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts., 6 lbs. $1.20.

**Pop Corn (Shelled)**

Pop Corn is hardier than Sweet Corn, and for that reason the seeds may be planted a week earlier. One oz. will give 40 ft. of row; 130 days are required from time of planting until the ears have reached the point where they can be harvested.

**SOUTH AMERICAN YELLOW**

Known under various names, Dynamite, Yellow Giant, etc. It is the most profitable variety to grow, the ears are large, 7 to 9 inches long, of golden yellow color, producing more bushels per acre. Our seed is of South American origin. Matures early in Pennsylvania. Pkt. 5 cts., 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts.

**JAPANESE HULLESS**

Plants 5 feet tall. The ears are short and thick. The kernels are small, nearly white color and much the shape of White Rice. They pop readily and the popped corn is very tender and of the finest quality. Very early variety. Large and snow-white when popped. 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts.

**GOLDEN QUEEN**

115 days. A productive variety with quite large, golden yellow kernels which pop into large, pure white, fluffy flakes. It is the standard variety for popping. Stalk 6 1/2 to 7 feet high. Ears 5 to 7 inches long. 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb. 25 cts.

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**Plant Your Corn and Forget About the Crows**

Use . . .

**Stanley's Crow Repellent**

As hundreds of corn growers have been doing for over twenty years. Large can, enough for 2 bushels of seed corn (8 to 10 acres), $1.00; half size can 60 cts. "Money Back" guarantee.

**Plant Your Corn and Forget About Root Diseases. Use SEMESAN, JR.**

The dust disinfectant for seed, field and sweet corn. Controls corn root rot diseases. Prevents seed from rotting in ground. Generally increases yield 10 to 15 per cent. Costs only 234 cents an acre to apply. 4 ozs. 50 cts., 1 lb. $1.50.
Cucumbers

Carefully Selected Strains, True to Name and Very Best for Table and Pickling

CULTURE—Do not plant Cucumbers before danger of frost has passed, as the plants are very tender and the least frost will damage them or kill them. Plant in hills or rows 4 feet apart, 10 to 15 seeds to each hill; make soil very rich. For pickles plant from June first to middle of July.

Spray your Cucumber plants with Pyrox or Bordeaux Mixture and Arsenate of Lead as soon as they appear, then three or four times during growth. It kills the bugs and prevents blight.

EARLY WHITE SPINE

60 days. The most popular white spined cucumber for the home garden; extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 inches long; 2\(\frac{1}{4}\) inches thick; slightly tapered; blunt. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

LONG GREEN IMPROVED

70 days. Vines very vigorous and productive. One of the best, if not the best, variety for slicing and salting. A very shy seeder, but very prolific, black spines. A universal favorite. Hardy and disease resistant, fruit somewhat pointed at the ends with warts particularly on stem end. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

LONG GREEN

70 days. A good all-round Cucumber. One of the best varieties for slicing, and when young are excellent for pickling. Vines are hardy and vigorous, producing long, dark green fruits in great abundance. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

NEW LONGFELLOW

72 days. Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface, retain the color remarkably long after picking; white spined; 12 to 14 inches long; 2\(\frac{1}{4}\) to 2\(\frac{3}{4}\) inches thick; straight, well filled at ends; very few seeds. Pkt. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 50 cts., 1 lb. $1.50.

DAVIS PERFECT

68 days. An improved strain of white spine. Splendid dark green slicing variety, particularly valuable for shipping. Fruits very dark green; retain color long after picking; 9 to 11 inches long; 2\(\frac{1}{2}\) inches thick; somewhat tapered at both ends; very few seeds. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

If cucumbers are left on vine to ripen they destroy its productiveness. One ounce will plant 50 hills; two pounds will plant an acre.

Cucumbers for Pickling

BOSTON PICKLING

60 days. Splendid pickling and slicing sort. Fruits medium dark green; black spined; 6 to 7 inches long, 2\(\frac{1}{4}\) inches thick; symmetrical; only slightly tapered. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

CHICAGO PICKLING

60 days. Very prolific and one of the most popular kinds for pickling and slicing. Fruits deep medium green; black spined; 6 to 7 inches long, 2\(\frac{1}{4}\) to 2\(\frac{3}{4}\) inches thick; taper very slightly toward each end; uniform. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

SMALL GHERKIN

60 days. Of superior quality for pickles. This is the true West India gherkin, and not a true cucumber. Very prolific; fruits for pickles are produced in about 60 days. Fruits pale green; prickly over entire surface; become 1\(\frac{1}{2}\) to 2 inches long; oval; very uniform; seeds numerous and small. Pkts. 5 and 10 cts., 1 oz. 20 cts., 1/4 lb. 60 cts., 1 lb. $2.00.
Dandelion

Sow early in spring in very warm, rich soil, in drills 18 inches apart, thin to 5 inches and cultivate well; they will be fit for cutting the next spring.

**IMPROVED THICK LEAVED**

Very superior strain. Makes vigorous, very compact growth. Produces a spreading rosette of leaves 18 to 24 inches across; leaves very numerous, thick in texture and blanch readily. Pkts. 5 and 10 cts., 1 oz. 50 cts., ¼ lb. $1.60, 1 lb. $5.50.

**CULTIVATED OR FRENCH COMMON**

Pkts. 5 and 10 cts., 1 oz. 20 cts., ¼ lb. 50 cts., 1 lb. $2.00.

**Egg Plant**

Plant requires continuous warm weather for best results. The seed germinates slowly and should be started in a hot bed. The plants may be set out in the open ground when 2 inches tall if continued warm weather is in prospect. Space the plants 2½ to 3 feet apart. Young plants should be shaded from hot sun.

**BLACK BEAUTY**

Popular home and market sort. Plants thrifty, 24 to 30 inches tall, commonly bear 4 to 6 large fruits which are smooth, broad egg-shape; uniform, very rich dark purple and retains the color. Pkts. 5 and 10 cts., 1 oz. 40 cts., ¼ lb. $1.35, 1 lb. $4.00.

**LARGE NEW YORK PURPLE—IMPROVED**

The standard home and market sort. Plants large, 30 to 36 inches tall; very productive, commonly bearing 4 to 6 or more large, handsome, dark purple, symmetrical broad egg-shaped fruits. Pkts. 5 and 10 cts., 1 oz. 40 cts., ¼ lb. $1.35, 1 lb. $4.00.

Endive

For early use, sow about April 15th; for later supply, sow in June or July in rows 14 to 20 inches apart and when well started thin the plants to 1 foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant. Just before killing frosts in the fall, dig the plants, being careful to take plenty of soil with the roots and to avoid injury to the leaves. Pack the plants closely together, store them in the cellar.

**BROAD LEAVED BATAVIAN OR ESCAROLLE**

Grown in market gardens and for shipping. Plants large; leaves broad, thick, somewhat twisted; heart very compact and blanches readily. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.10.

**GREEN CURLED—GREEN RIBBED**

A variety with deeply cut leaf margins but not curled as is Moss Curled. It is medium large in size and blanches well at the heart in late summer. Mid-ribs are pure green. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.10.

**GIANT GREEN CURLED OR RUFFICK**

30 days. This variety is sometimes called Oyster as in the Eastern States where Oysters on the shell are exhibited, it is frequently used as a garnish to display them. This is a hardy growing variety, with deep green leaves. When tied up these plants of red footstalks bleach white very quickly. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.10.

**Kohl Rabi**

Kohl Rabi is a member of the cabbage family grown for the swollen turnip-like structure or bulb which forms just above the ground line and below the first leaves.

**EARLY PURPLE VIENNA**

60 days. Standard early sort. Plants small; leaves dark green with profuse purple staining. Bulbs flattened globe-shape, best for use when 2 to 2½ inches in diameter; exterior purple, but flesh white; mild, crisp, tender. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 50 cts., 1 lb. $1.75.

**EARLY WHITE VIENNA (FOR FORCING)**

Produces bulbs of 2½ inches in diameter 55 to 60 days after seed is sown out of doors. The standard sort for forcing and for home and market garden use. Plants very small; leaves medium green. Bulbs flattened globe shape; pale green; used when of 2 to 2½ inches in diameter but grow much larger; interior white, mild, crisp and tender. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 50 cts., 1 lb. $1.75.

**Kale or Borecole**

Kale is a very hardy non-heading member of the cabbage family, very generally grown in the South for use as greens.

**DWARF GREEN CURLED**

A popular home garden sort of exceptionally hardy growth. The low spreading plant bears finely curled, large, parsley-like leaves much used for greens and for garnishing. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 80 cts.

**SIBERIAN**

Also called “Sprouts.” A very hardy kale of dwarf growth with broad thick leaves curled on the edges. The color is light bluish-green. Our strain is uniform and true to type. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 80 cts.

**Leek**

**LARGE FLAG**

Early. A popular gardeners’ variety, with long, thick, well blanched stem. Leaves a trifle lighter green than those of Monstrous Carentan. Similar to London or American Flag. Pkts. 5 and 10 cts., 1 oz. 20 cts., ¼ lb. 50 cts.
Loose Leaf Varieties

Lettuce seed germinates quickly and may be planted as soon as the cold wet days of spring are past. Sow seed in rows 15 to 18 inches apart, covering not more than 1/4 inch deep. The loose leaved type may be thinned to an inch or so apart as soon as a few leaves are formed, and when large enough for the table, they may be thinned as used. In this way space is provided at about the same rate as required for normal growth.

BLACK SEEDED SIMPSON

Early. Dependable in all parts of America and widely grown in home and market gardens. Plant large, attractive, compact; with broad, frilled light green leaves that are of fine crisp texture and splendid quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.125.

EARLY CURLED SIMPSON—W. S.

Early. Plant large, compact, bright light lustrous green; leaves broad, frilled, firm, crisp, sweet and of good quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

GRAND RAPIDS—B. S.

Very early. Hardy, disease resistant; the most widely used and best adapted variety for greenhouse forcing. Plants large, upright, compact and handsome; bright solid light green; leaves large, broad, margin much waved and frilled; very tender and sweet when grown under glass. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.125.

PRIZE HEAD—W. S.

Very early, quick growing and one of the most popular for home gardens, particularly on the Atlantic Coast. Plant medium large, strictly loose-leaf; leaves broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

Heading Varieties

The seed should be sown in boxes indoors or in the hot bed and set out as soon as weather conditions are favorable. If this is not practicable, sowing may be made in the open ground as soon as soil and weather conditions permit. The plants should be thinned to 10 inches apart in the row and thorough cultivation given.

ICEBERG—W. S.

82 days. Very popular for near markets and home garden; tender head and thin leaves make it unsuitable for shipping. Plant large with broad, crisp, wavy light green leaves tinged brown on the margins; forms a head, well folded head buttery-yellow at the heart and of excellent quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

BIG BOSTON—W. S.

76 days. Especially valuable for summer and fall use out-of-doors, and for hot bed and cold frame culture. It is a cabbage, butter-head type with glossy, plain edged leaves tinged brown on the margins; forms a firm, well folded head buttery-yellow at the heart and of excellent quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

NEW YORK SPECIAL NO. 12

An early variety which does well in mid-summer and is an even and well-bred selection. It is a trifle lighter in color than other strains of New York but is popular with shippers. Pkts. 5 and 10 cts., 1 oz. 20 cts., 1/4 lb. 60 cts., 1 lb. $2.00.

MAY KING—W. S.

61 days. The earliest heading lettuce. Plants small, allowing very close planting; light green tinged slightly with brown; head medium small, round, firm; interior rich golden yellow, buttery, of splendid quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

WHITE BOSTON LETTUCE

This is a cabbage, butter-head type, leaves smooth and straight on the edges. Plant and head entirely light green; heart buttery and yellow. The heads resemble Big Boston. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

CRISP AS ICE OR BRONZE HEAD

76 days. Particularly valuable for home and market gardens; forms heads under rather adverse weather conditions. Plant medium small; deep green overlaid with dark brown; forms firm well-blanched head of delicate buttery flavor and tender quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

HANSON HEAD

82 days. One of the most popular home and market garden sorts; very hardy; widely used in all parts of America. Plant very large with broad, thick frilled, light yellowish-green leaves, forms quite large, globular, very hard cabbage-like head which is white at the heart, crisp, sweet, and tender. It is best known under the name “Nonpareil” in Canada. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

Sow lettuce often and a little at a time for a continuous supply.

CHICKEN LETTUCE

All kinds of poultry eat it greedily. This lettuce will yield more feed for your poultry or rabbits than any plant you may use for greens. Grows from 31/2 to 4 feet high. Ready to cut in about 45 days. After cutting it starts to grow again. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

Cos or Romaine Lettuce

All cos varieties should be planted for late summer or early fall use, when they form firm nicely folded heads.

WHITE PARIS SELF FOLDING—W. S.

77 days. Most popular variety for the home and market garden; likewise the best for forcing. Plants medium large and upright; medium light green with firm, spoon formed straight edged outer leaves and upright, leaf-shaped, well folded firm head 12 to 16 inches tall which is whitish-green inside and heavy, white brittle mid-ribs; hard and crisp in texture but very sweet and considered by some the standard of excellence in lettuce. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

One ounce of lettuce seed will produce 1,500 plants.
Melons

**BENDER'S SURPRISE MUSKMELON**

85 days. The most delicious flavor. Pkts. 5
1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**EMERALD GEM**

85 days. The sweetest and most aromatic. Pkts. 5
1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**NETTED GEM OR ROCKY FORD**

92 days. Fruits with small seed cavity. Rich salmon yellow, sweet and of a
distinctively ribbed and netted. The flesh is solid, very thick,
very productive. Melons are large, excellent shaped,
densely covered with medium heavy netting and almost
devoid of ribbing. Flesh is very thick and fine grained, deep
salmon-orange; sweet, juicy and aromatic. Pkts. 5 and 10 cts.,
1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**LAKE CHAMPLAIN**

68 days. This is the earliest Muskmelon of good quality. The flesh is deep, very sweet and melting, of golden yellow color. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**IRONDEQUOIT OR TIP TOP**

90 days. A fine yellow fleshed melon. Vines are hardy and
very productive. Melons are large, excellent shaped, dis-
tinctively ribbed and netted. The flesh is solid, very thick,
with small seed cavity. Rich salmon yellow, sweet and of a
most delicious flavor. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**HONEY ROCK (OR SUGAR ROCK)**

90 days. Popular new early variety. Fruits 5 to 6 inches in
diameter, round to slightly flattened; shallow ribbed and
more or less netted. Rind hard and brittle; flesh medium
thick; color deep salmon; juicy; sweet musky flavor. Pkts.
5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 40 cts., 1 lb. $1.25.

**IRON DEQUOIT OR TIP TOP**

Very early. Plants 3 to 31/2 feet tall; pods dark green,
very fleshy and tender, become 3 to 31/2 inches long and
13/4 inches in diameter, blocky, ribbed. Pkts. 5 and 10 cts.,
1 oz. 15 cts., 1/4 lb. 25 cts., 1 lb. 75 cts.

**CITRON (RED SEEDED)**

95 days. Fruits globe-shaped; 7 inches in diameter; me-
dium green; smooth, very hard; flesh white. Pkts. 5 and 10 cts.,
1 oz. 15 cts., 1/4 lb. 25 cts., 1 lb. 75 cts.
**Onions**

Onions are very hardy, and the seeds will germinate in cool weather. They can be safely planted just as soon as the soil can be prepared. Shallow planting is advisable, \( \frac{1}{2} \) inch being about right. When 2 or 3 inches tall, the young plants can be thinned to prevent crowding. They may be thinned again when 6 or 8 inches tall, and the plants removed can be used as green onions. After that, they can be pulled as needed, and those that are left to become fully ripe can be stored for winter.

**YELLOW GLOBE DANVERS**

Very popular and somewhat earlier than Ohio and Southport Yellow Globes. Bulbs medium large, globe-shaped, pure yellow; flesh white with faint tinge of yellow, firm and hard. Pkts. 5 and 10 cts., 1 oz. 25 cts., \( \frac{1}{4} \) lb. 85 cts., 1 lb. $3.25.

**MOUNTAIN DANVERS**

A very early maturing strain of Yellow Globe Onion, originating in the mountains of Colorado. Deep yellow color and very firm. They ripen two to three weeks earlier than Yellow Globe Danvers. These onions have remarkable keeping qualities and can be safely stored all winter and are valuable on this account where seasons are short. Pkts. 5 and 10 cts., 1 oz. 25 cts., \( \frac{1}{4} \) lb. 90 cts., 1 lb. $2.75.

**EBENEZER OR JAPANESE**

Produces excellent sets of extraordinary keeping quality which planted in the spring produce early mature onions for market. Bulbs medium size; deep-flat in shape; pure deep yellow; very firm and hard. Pkts. 5 and 10 cts., 1 oz. 25 cts., \( \frac{1}{4} \) lb. 85 cts., 1 lb. $3.00.

**SWEET SPANISH (RIVERSIDE STRAIN)**

The best of the very large mild varieties, and while one of the original Spanish types, is a better keeper, having been selected for keeping qualities. It is deep amber-orange in color, with a small neck, and is globular. Pkts. 5 and 10 cts., 1 oz. 30 cts., \( \frac{1}{4} \) lb. 90 cts., 1 lb. $2.75.

**WHITE PORTUGAL (AMERICAN SILVERSKIN)**

Most widely used white onion for sets, pickling onions, mature bulbs and for bunching onions from seed. Bulbs of medium size; flat but fairly deep; pure white; flesh fine grained; firm and hard. A splendid keeper. Pkts. 5 and 10 cts., 1 oz. 30 cts., \( \frac{1}{2} \) lb. $1.00, 1 lb. $3.00.

**PRIZETAKER**

One of the largest of the late or main crop sorts. Its globular shape, yellowish-brown skin, white tender flesh, and mild flavor have won it great popularity. It is very productive and keeps well into the winter. Pkts. 5 and 10 cts., 1 oz. 25 cts., \( \frac{1}{4} \) lb. 85 cts., 1 lb. $3.00.

**SOUTHPORT RED GLOBE**

The globes are medium to large in size and medium early. A smooth deep purplish-red skin covers the paler flesh which is mild, fine grained, and tender. Pkts. 5 and 10 cts., 1 oz. 30 cts., \( \frac{1}{2} \) lb. 90 cts., 1 lb. $2.00.

**SOUTHPORT WHITE GLOBE ONION**

Standard late variety of highest quality. Bulbs medium large; globular; firm; skin clear white; flesh clear white and fairly mild; keeps well but not as long as the standard colored globes. Pkts. 5 and 10 cts., 1 oz. 30 cts., \( \frac{1}{4} \) lb. $1.00, 1 lb. $3.50.

**ONION SETS**

One quart of sets will plant 100 feet of row.

**YELLOW DANVERS SETS**

Our Onion Sets will produce Onions much earlier than by sowing the seeds, which frequently permits the planter to sow another crop on the land the same year. For green or bunch Onion, Sets will produce a crop in half the time it takes to raise them from seed. Plant Onion Sets near the surface in drills 1 foot apart and 2 inches in the rows. They require the highest culture to obtain the best results. 1 lb. 15 cts.

**EBENEZER OR JAPANESE SETS**

By the use of these Sets large ripe Onions of the finest quality can be easily raised. Sets of this variety rarely produce seed stalks as other kinds do. 1 lb. 15 cts.

**WHITE SETS (SILVERSKIN)**

These make nice-looking and fine-flavored Onions to eat while young. They also produce good large mature Onions of fine quality. 1 lb. 20 cts.

**GARLIC**

**BULBS**

As an appetizing dash of flavoring for soups and stews, many people use small quantities of this pear-shaped white bulb. In large amounts it has a strong odor and flavor. To grow garlic in the garden, the several sections or "cloves" of each bulb should be separated and set in rows 10 or 12 inches apart and 4 inches apart in the row. They should be taken up in the fall and stored in a cool, dry place until used. 1 oz. 10 cts., 1 lb. 40 cts.
Peppers

Peppers seed should be sown in February or March in a warm hotbed or in a box placed in a sunny window of a warm room. The seeds require plenty of heat and moisture to germinate. Transplant the young seedlings as soon as they can be handled. 6 to 8 weeks are required to raise plants large enough for setting outdoors. One ounce of seed produces about 1,500 strong plants.

CALIFORNIA WONDER
(Sweet.) 72 days. Thickness of flesh alone, which is often ¾ of an inch, places this sweet pepper above all others. It is crisp and juicy, too, without a trace of pungency. Vigorous growing plants bear a heavy yield of blocky fruits that become as much as 5 inches long and 4 inches wide. They are unusually good for serving whole. Pkts. 5 and 10 cts., 1 oz. 50 cts., ½ lb. $1.70, 1 lb. $5.25.

HARRIS' EARLY GIANT
(Sweet.) 63 days. The best very early sweet pepper for home and market gardens, particularly in the North. Plants vigorous, erect, extremely prolific. Fruits large, 4½ inches long, 3½ inches through, very slightly tapered; deep green becoming brilliant red; sweet throughout. Pkts. 5 and 10 cts., 1 oz. 50 cts., ½ lb. $1.70, 1 lb. $5.00.

SUNNYBROOK
(Sweet.) 63 days. A tomato-shaped red pepper of much merit. Fruit smooth, upright, 3 inches in diameter by 2½ inches in depth with thick flesh; moderately early. Pkts. 5 and 10 cts., 1 oz. 40 cts., ½ lb. $1.25, 1 lb. $4.00.

PIMIENTO
(Sweet.) 72 days. Standard variety for home and market garden, grown on large scale for canning whole. Plants large, upright, heavily productive. Fruits very smooth, regular heart-shaped, commonly about 3 inches long (easily cored for canning); deep green, becoming deep red; flesh very thick, sweet and of splendid flavor. Pkts. 5 and 10 cts., 1 oz. 30 cts., ½ lb. $1.00, 1 lb. $3.00.

LARGE SWEET SPANISH
30 days. Popular for home and market garden. Plants large, upright, heavily productive. Fruits 6 to 7 inches long, 2¼ inches through; very slightly tapered; dark green becoming rich red; sweet throughout. Pkts. 5 and 10 cts., 1 oz. 40 cts., ½ lb. $1.25, 1 lb. $4.00.

RUBY KING PEPPER
(Sweet.) 68 days. Standard for home, market garden and shipping. Plants vigorous, upright, prolific. Fruits large, 4½ to 5 inches long, 2½ inches through, slightly tapered; deep green becoming bright deep red; flesh thick, sweet and mild. One of the most popular varieties grown. Pkts. 5 and 10 cts., 1 oz. 30 cts., ¼ lb. 90 cts., 1 lb. $3.00.

GIANT CRIMSON
(Sweet.) 85 days. Popular home and market sort. Plants large, thrifty and fairly productive. Fruits very large; commonly 5 to 6 inches long and 4 inches through; slightly tapered; deep green, becoming deep crimson; mild and sweet throughout. Pkts. 5 and 10 cts., 1 oz. 50 cts., ¼ lb. $1.75, 1 lb. $5.00.

BULL NOSE
Angular-shaped fruits 3 inches long and 2 inches thick. Occasionally a plant will produce hot peppers but usually they are sweet. Early; fine for pickling. Pkts. 5 and 10 cts., 1 oz. 30 cts., 4 ozs., $1.00, 1 lb. $3.50.

LONG RED CAYENNE
(Hot.) 70 days. A leading sort for use in pickles, for canning and for drying. Plants large, very prolific. Fruits 5 inches long, deeply through, tapered; deep green, becoming bright red; very pungent. Pkts. 5 and 10 cts., 1 oz. 40 cts., ¼ lb. $1.25, 1 lb. $3.50.

Parsnip
Sow in rows 2 to 2½ feet apart and when well up, thin to about 5 inches apart in the row. Keep the ground moist if possible. Parsnips are improved by freezing, and a portion of the crop can be left in the ground all winter to be used as a spring vegetable when the ground has thawed.

HOLLOW CROWN—THICK SHOULDER
Roots 12 to 15 inches long, 3 inches thick at shoulder; tapered; smooth and straight and of fine quality. We have a fine strain of this popular variety. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 70 cts.

SHORT THICK
Tops are only about half the size of Hollow Crown. The roots are short and thick, having a diameter of 2½ to 3½ inches and a length of only 6 or 8 inches at the thickened part. The roots are full crowned and rounded on top with a small neck. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.00.

½ ounce for 100 foot row.
SELECTED FOR OUR CRITICAL TRADE

Our list embraces the newest and highest types in Pea culture.

Peas are different from all other vegetables—the seeds are large and only one stem grows from each seed. They do not tiller; the plant is not bushy. They must be planted close together—12 to 16 seeds to the foot.

While a 10-cent packet of lettuce or radishes might suffice for the family garden and yield sufficient portions for numerous meals, a like amount of Peas will not. It requires 1 pound to plant 40 feet of row. Peas form a profitable crop to grow. Plant all you have room for.

All varieties growing more than 1½ feet high do better if staked up or otherwise supported when 4 to 6 inches tall. This support is usually given by sharpened branches of trees set between the double rows. The crop should be gathered as fast as it is fit to use. Even though just a few pods begin to ripen, new pods will cease to form, and those partly advanced will stop growing.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST POUND, ONE CT. FOR EACH ADDITIONAL POUND.

First Early and Early Peas

LAXTON’S PROGRESS—EXTRA EARLY

60 days. Splendid variety for home, market garden and shipping. Vines dwarf; 20 inches tall; dark green; prolific. Pods handsome, dark green; very large for dwarf variety; fully 4 inches long, ½ inch wide, plum; tapered at end. Seeds large, wrinkled; cream; interior yellow. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

BLUE BANTAM (HUNDREDFOLD)

62 days. Prolific, large podded, dwarf variety for home, market garden and shipping. Vines 18 inches tall, dark green. Pods borne singly; dark green; 4 to 4½ inches long, ½ inch wide, plum; tapered at tip. Seeds large, wrinkled, cream; interior yellow. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

THOMAS LAXTON

63 days. A popular market pea. Unsurpassed for the home garden as an early large podded pea of high quality. Vines 3 to ¾ feet tall, dark green. Pods dark green; 3½ inches long, ¾ inch wide, plump; blunt. Seeds large; wrinkled, cream and green; interior yellow. As a money-maker this pea surpasses all others: ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

LITTLE MARVEL PEA

62 to 64 days. Unsurpassed in quality and productiveness; particularly valuable for the home garden. Vines 18 to 20 inches tall; dark green; very thrifty, very prolific. Pods dark green; 3 inches long, ½ inch wide; very plump; straight; blunt ended. Seeds medium sized, squarish, distinctly wrinkled, green; interior green. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

GRADUS

65 days. Splendid early large podded sort for home and market garden. Vines medium green; 3 to ¾ feet tall. Pods borne singly; attractive medium green; 4 inches long; ½ inch wide, plump, well filled; tapered at end. Seeds large, wrinkled; cream and green; interior yellow. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

LAXTONIAN

62 days. Similar to Hundredfold in type and usefulness. Vines 16 to 19 inches tall; medium dark green. Pods borne singly; slightly curved; 4 to 4¼ inches long; ¾ inch wide; plump; tapered at tip. Seeds large, wrinkled; green and cream. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

PREMIUM GEM

62 days. Vines 18 inches tall, medium green. Pods medium green; 2½ inches long; ½ inch thick; plump; straight; blunt ended. Seeds medium sized; green; wrinkled; interior green. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

AMERICAN WONDER OR NOTT’S EXCELSIOR

61 days. Very important early dwarf variety for the home garden, 59 days. Vines 12 to 14 inches high; dark green; very productive. Pods medium green; 3 inches long; ½ inch wide; plump, straight, blunt ended; seeds medium small, squarish, wrinkled, green; interior green. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

EXTRA EARLY ALASKA SMOOTH PEA

60 days. Vines 33 inches tall; slender; crop matures uniformly. Pods borne singly; light green; 2½ inches long, ½ inch wide; very plump. Seeds small; round; medium green with bluish cast; interior green. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

Special Prices to Market Gardeners

MORSES NEW MARKET (NO. 122)

70 days. One of the finest early mid-season Garden peas for market purposes and home garden. Vines are robust, grow from 24 to 30 inches tall, are quite bushy and stoloniferous. Leaves are medium large and dark green. Pods straight, pointed, smooth, dark green in color and well filled with 8 to 11 peas per pod. Pods being 5 to 5½ inches long and ¾ inch broad. Unusually productive. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

PEAS

Are not injured by light frosts and may be planted as early in spring as the condition of the soil will permit.

(Peas Continued on Next Page)
LATER PEAS (Continued)
Write for Dealer’s or Quantity Prices

DWARF TELEPHONE OR DAISY
70 to 75 days. Very satisfactory for home, market garden and shipping. Vines 24 inches tall; thrifty; deep green. Pods deep green; 4½ inches long; ½ inch wide; plump, taper at end. Seeds large, wrinkled, green. This is a splendid, uniform stock recently developed. ½ lb. 10 cts., ¼ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

TELEPHONE
73 days. One of the best home and market garden sorts; sometimes used for canning. Vines 4 to 4½ feet tall, medium green. Pods borne singly; rich medium green; 4½ inches long, ⅜ inch wide; plump, straight, tapered at end. Dry seeds large, pear-shaped, wrinkled, green, interior green. ¼ lb. 10 cts., ¼ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

MAMMOTH MELTING SUGAR (EDIBLE POD)
72 days. The best flat podded edible pod variety for home and market garden. Vines 4½ feet tall; light green. Pods 4½ inches long; ⅜ inch wide; flat, straight, tapered at end; fleshy, stringless, brittle; free of parchment; of splendid quality used in the manner of snap beans. Seeds medium large; round; smooth; creamy white; interior yellow. ⅛ lb. 10 cts., ⅛ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

CHAMPION OF ENGLAND
79 days. Excellent for home and market garden. Vines 4½ to 5 feet tall; dark green; branched. Pods light green, often in pairs; 3 inches long, ⅜ inch wide; very plump; straight; blunt. Seeds medium size; finely wrinkled; green; interior green. ½ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

ALDERMAN
75 days. Splendid dark podded variety of the Telephone group for home, market garden and shipping. Vines 4½ to 5 feet tall, dark green. Pods dark green; 4½ to 5½ inches long, ⅜ inch wide, plump, straight, tapered at tip. Seeds large, wrinkled, pear-shaped, green; interior green. ¼ lb. 10 cts., ¼ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

BLISS EVERBEARING
72 days. Popular for the home garden. Vines 30 inches tall; dark green; thrifty; of long bearing period. Pods medium green; borne in pairs; 3 inches long; ⅜ inch wide; plump; straight, blunt. Green peas large, sweet; of marrowy texture and flavor. Dry seeds large; green; flattish, coarsely wrinkled; interior pale green. ⅛ lb. 10 cts., ⅛ lb. 15 cts., 1 lb. 25 cts., 5 lbs. $1.10, 10 lbs. $2.00.

Mushroom Spawn

SPORE CULTURE
(In bricks of about 1½ pounds)
Mushroom is propagated by means of microscopic “spores” which correspond to the seeds of flowering plants. The spore culture we offer is from a selected strain which insures uniformity and is prepared in the form of bricks. We use stock of the white variety which is generally preferred. Each brick is sufficient to spawn 8 to 10 square feet of bed. Per brick 35 cts., per 5 $1.40.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST POUND, ONE CT. FOR EACH ADDITIONAL POUND.

Parsley
Parsley seed is even slower than parsnip in germinating. It grows best in rich mellow soil and should be sown as early as possible in spring in rows 1 to 2 feet apart with a covering of not more than ⅜ inch of soil firmly pressed down. When the plants are well up, thin them 8 to 12 inches apart in the row.

PARAMOUNT PARSELY
All American Selection 1935
A new parsley that is bound to sell. The leaves are very dark green, triple curled, dense and broad on stout stems that make it perfect for bunching. 1 oz. 15 cts., ½ lb. 40 cts., 1 lb. 65 cts., 1 lb. $1.00.

EXTRA TRIPLE CURLED (MOSS CURLED)
Plant very compact, leaves very dark green and so finely cut and loosely curled as to resemble tufts of moss. Aside from its value for flavoring and garnishing the plant is decorative. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 30 cts., 1 lb. 75 cts.

HAMBURG—THICK ROOTED PARSELY
Plain leaved variety which forms a large, thick edible root. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 30 cts., 1 lb. 75 cts.

PLAIN OR SINGLE
The standard variety of plain leaved parsley. Leaves dark green, deeply cut but not curled. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 30 cts., 1 lb. 75 cts.

Pumpkin

LARGE YELLOW OR CONNECTICUT FIELD
The standard field pumpkin, grown for pies, canning and stock feed. Fruits very large, commonly 10 inches long. 12 inches in diameter and weighs 20 pounds, sometimes much larger; skin smooth, deep orange-yellow; shell thin; hard; flesh thick, coarse, sweet and deep yellow. Pkt. 5 cts., 1 oz. 10 cts., ¼ lb. 25 cts., 1 lb. 70 cts.

SUGAR OR NEW ENGLAND PIE
The earliest and best for pies; much grown in home and market gardens and for shipping. Fruits commonly 6 inches long and 8 to 9 inches in diameter; flattend; furrowed; skin smooth, rich reddish-orange; rind hard; flesh thick, orange-yellow, of unexcelled quality. Pkt. 5 cts., 1 oz. 10 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

WINTER LUXURY
This variety is very popular for the home garden. The fruit matures in 75 to 80 days, weighs 8½ pounds, and is nearly round. The skin is light yellow with a russet tinge and finely netted; the flesh is rich creamy-yellow, very thick, sweet; and finely flavored. Pkt. 5 cts., 1 oz. 10 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

Parsley, Paramount
Radishes

One ounce will sow 100 feet of drill

The ground for growing radishes should be finely prepared and as free as possible of small stones and lumps. Plant seed about ½ inch deep in rows 12 to 18 inches apart, and when up about an inch thin to 1 or 2 inches apart. Radishes are at their best when growth is quick and steady. A moderate temperature and constant moisture are favorable for best results. Most varieties become pithy soon after reaching full size. In order to keep a continuous supply, successive plantings should be made.

Summer and Forcing Varieties

EARLY SCARLET GLOBE RADISH

23 days. Our strain of this standard very early sort is superior and is equally valuable for out of door culture and for forcing. Tops small. Roots deep turnip, almost globe shape; bright scarlet with pronounced white tip; crisp and of splendid quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

CRIMSON GIANT

29 days. Superior home and market garden sort. Tops medium small. Roots spherical to slightly top-shaped; deep crimson; the largest of the early turnip-rooted radishes; commonly attain diameter of 1 ½ inches before becoming pithy; of unexcelled quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

FRENCH BREAKFAST

25 days. Standard home and market garden sort; also suitable for forcing. Tops small. Roots oblong, blunt, with slender well defined tap root; about 1 ½ inches long and ½ inch through; rich scarlet with white bottom; flesh white, crisp and of splendid quality. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

SPARKLER (SCARLET TURNIP WHITE TIP)

25 days. Popular home and market garden sort. Tops small. Roots deep turnip, almost globe shape; bright scarlet with pronounced white tip; crisp and of splendid quality until fairly large. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

LONG SCARLET—SHORT TOP RADISH

27 days. Standard home and market garden sort. Roots long, tapered; become 4 to 5 inches long and ¾ inch thick at shoulder; bright carmine red. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

LONG WHITE ICICLE RADISH

27 days. Decidedly the best early white variety and considered by many the standard of excellence in radish. Particularly popular in home and market gardens. Tops small. Roots long, tapered; very white throughout; brittle as ice; of splendid quality until 5 to 6 inches long and ½ inch thick or larger; mild and of splendid flavor. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

Winter Varieties

Seed of winter radish is sown during the latter part of July or August. We have indicated the number of days required to produce roots suitable for table use. However, the roots continue to enlarge and are in splendid condition for storage at the onset of freezing weather.

CHINESE ROSE WINTER (SCARLET CHINA)

50 days. Roots become 6 to 7 inches long, 1 ½ to 2 inches in diameter at shoulder and slightly broadened outward to 2 or 2 ½ inches in diameter at the blunt base; skin smooth, uniform bright deep scarlet; flesh white, firm, crisp and pungent. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

CHINESE WHITE WINTER (CELESTIAL)

55 days. Roots about 8 inches long, 3 inches in diameter at mid-section; with noticeable shoulder and blunt bottom; white, smooth; flesh white, firm, crisp, mildly pungent. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

LONG BLACK SPANISH

55 days. Splendid keeper. Roots 8 to 9 inches long, 2 to 2 ½ inches in diameter at shoulder and only slightly tapered; skin somewhat roughened; black; flesh white, very firm and crisp, pungent. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

ROUND BLACK SPANISH

55 days. Splendid keeper. Roots globular with slender well defined tap root; 3½ to 4 inches in diameter; skin somewhat roughened, black; flesh white, firm, crisp and pungent. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 25 cts., 1 lb. 75 cts.

Dealers Ask for Quantity Prices.

TOBACCO DUST

Save your Radishes and Turnips from worms

Strew it generously in the row before sowing. It acts as a repellent for many insects infesting the soil. Deserves much more general use. Dusted over Cucumbers, Melons and Squashes it helps greatly to rid these vines of the destructive bugs. Apply in the morning when the plants are covered with dew. 1 lb. 10 cts. (prepaid 20 cts.), 5 lbs. 35 cts. (prepaid 50 cts.), 10 lbs. 60 cts., 25 lbs. $1.00, 100 lbs. $3.25. Postage extra.

Salsify

(VEGETABLE OYSTER)

The roots of this vegetable are appetizing and nutritious, and the flavor is like that of oysters. Salsify succeeds best in a light, well enriched soil, which should be stirred to a good depth. Coarse and fresh manure should be avoided, as it will cause the roots to become irregular and branched. Sow early and quite deep, giving the general culture recommended for parsnip.

MAMMOTH SANDWICH ISLAND

Large and strong growing with long, smooth, white, tapering roots less likely to branch than those of other sorts. Pkts. 5 and 10 cts., 1 oz. 20 cts., ¼ lb. 55 cts., 1 lb. 1.65.
Squash

Summer Varieties

EARLY WHITE BUSH SCALLOP
Standard summer scallop squash for home and market garden. Fruits uniform round, attain 9 inch diameter, flattened with scalloped margins; smooth; white. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.00.

EARLY BUSH SCALLOP—GREEN TYPE
A valuable Bush selection rapidly gaining popularity on the West Coast. Fruits of convenient size for shipping; color greenish-white when young; creamy yellow when fully matured. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.00.

GIANT SUMMER STRAIGHTNECK
Particularly valuable for shipping because the straight fruits are more readily packed than the crookneck type with less waste of shipping space. Fruits handsome; deep orange with moderate shallow warting; straight, become 16 to 20 inches long and 4 inches through but are usable much smaller. It is altogether more desirable than the Crookneck for either home garden or market garden. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.25.

YELLOW SUMMER CROOKNECK
Very prolific. Fruits become 12 to 14 inches long and 3½ inches through; neck curved; skin bright orange-yellow, moderately warted. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.25.

ITALIAN MARROW—COCOZELLE
Sometimes called summer asparagus because the young fruits when stewed are of a delicious flavor suggesting asparagus. Fruits straight, almost cylindrical; become 18 to 24 inches long and 5 inches in diameter; smooth, dark green with lighter green to yellow stripes; flesh pale greenish white. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 35 cts., 1 lb. $1.25.

Swiss Chard or Spanish Beet

LUCULLUS
In season with Large Ribbed White. Popular home and market garden sort. Plants become 24 inches tall. Leaf blade large and broad, rich yellowish-green; much blistered or crumpled; borne on thick pale green leaf-stem. This variety makes very choice greens. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 30 cts., 1 lb. 85 cts.

LARGE SILVER
Grown for the leaves only, and cooked like spinach. The midrib is prepared like asparagus. It can be sown at different seasons of the year, giving successive greens. Pkts. 5 and 10 cts., 1 oz. 15 cts., ¼ lb. 30 cts., 1 lb. 85 cts.
TOMATOES

Tomato seed is usually planted indoors about March 1st. Use shallow boxes or "flats" and plant in rows about 2 inches apart. As soon as the seedlings are about an inch tall, they are "pricked out" into a larger box and spaced about 4 inches apart. Rich loose soil should be used. When the weather has moderated, the plants should gradually be hardened off to the temperature outside.

THE NEW PENN STATE TOMATO
Extremely early; foliage is rather coarse, medium dark green. Fruits are perfectly and evenly colored a rich scarlet, growing in heavy clusters, usually free from blemishes, almost spherical in shape, with very little core which is shallow. Yields heavily. Pkt. 5 and 10 cts., 1 oz. 40 cts., 1/4 lb. $1.00, 1 lb. $3.00.

MARGLOBE
79 days. Definite disease resistance. Plants thrifty and heavily productive, of long bearing period. Fruits uniform deep scarlet; large; uniformly globe-shaped; smooth, solid and of distinct quality. Pkt. 5 and 10 cts., 1 oz. 30 cts., 1/4 lb. $1.25, 1 lb. $3.75.

BONNY BEST
73 days. Unexcelled as a general purpose tomato; particularly valuable for forcing under glass and as a canning variety in Northern sections. Fruits handsome; evenly colored bright deep scarlet-red; medium large; flattened globe shape; smooth and firm. Yields well until frost. Pkt. 5 and 10 cts., 1 oz. 30 cts., 1/4 lb. $1.00, 1 lb. $3.00.

EARLIANA
66 days. Our strain is definitely superior in earliness and quality. Fruits medium size; flattened globe-shaped; deep scarlet-red; firm and smooth. Pkt. 5 and 10 cts., 1 oz. 35 cts., 1/4 lb. $1.15, 1 lb. $3.50.

PRITCHARD'S SCARLET TOPPER TOMATO
73 days. It is wilt resistant and of intermediate height. Scarlet Topper is the first to combine these two characteristics. It is a mid-season or main crop variety producing heavy crops of deep scarlet globe-shaped fruit of good size and unusual solidity and with abundant foliage to protect the fruit from hot sun. Pkt. 15 cts., 1 oz. 40 cts., 1/4 lb. $1.25, 1 lb. $3.75.

JOHN BAER
70 days. Particularly valuable for canning in Northern sections. Very similar in every respect to Bonny Best; but often a few days earlier. Fruits handsome bright deep scarlet-red; medium large; flattened globe shape; smooth and firm. Pkt. 5 and 10 cts., 1 oz. 35 cts., 1/4 lb. $1.00, 1 lb. $3.00.

RUTGERS
It has thick outer and inner walls of solid meat, and very small seed cavities and little seed. It is globe shaped, scarlet-red color, resembling Marglobe. It ripens first in the center of the fruit, so that when red on the outside the tomatoes are ripe all through. Pkt. 5 and 10 cts., 1 oz. 40 cts., 1/4 lb. $1.00, 1 lb. $3.00.

OX HEART
90 days. A late large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Single fruits often weigh two pounds or more. 85 to 90 days. Pkt. 5 and 10 cts., 1 oz. 40 cts., 1/4 lb. $1.15, 1 lb. $3.50.

STONE
85 days. Particularly valuable for the market gardener, trucker and canner. Heavily productive. Fruits uniform bright deep scarlet; large and flat, but deep; smooth and solid. Pkt. 5 and 10 cts., 1 oz. 30 cts., 1/4 lb. $1.00, 1 lb. $3.00.

DWARF STONE
81 days. Strictly dwarf and tree-like; requires no training to permit culture where space is limited. Fruits bright red, flattened globe-shape, a trifle over medium size. Pkt. 5 and 10 cts., 1/2 oz. 30 cts., 1 oz. 50 cts., 1/4 lb. $1.50, 1 lb. $4.00.

PONDEROSA
(Also known as Beefsteak)
85 days. One of the best for home use. Fruits deep purplish-pink; extremely large, commonly 9 to 12 ounces each; deep but flat; very fleshy with few seeds; of very mild flavor. Pkt. 5 and 10 cts., 1/2 oz. 30 cts., 1 oz. 50 cts., 1/4 lb. $1.75, 1 lb. $5.75.

CHALK'S EARLY JEWEL
75 days. Splendid home and market garden variety. Very thrifty, heavily productive. Fruits scarlet-red; large flattened globe-shaped; smooth and firm. Pkt. 5 and 10 cts., 1 oz. 30 cts., 1/4 lb. $1.00, 1 lb. $3.00.

GOLDEN QUEEN
84 days. The best large yellow fruited tomato. Fruits large; deep but flattened; bright golden yellow; firm, smooth and attractive. Pkt. 5 and 10 cts., 1 oz. 40 cts., 1/4 lb. 90 cts.
Spinach

Sow in rows 16 to 20 inches apart and thin to 6 inches apart in the row when leaves are an inch wide. Seed can be planted as soon as the ground can be prepared.

BLOOMSDALE DARK GREEN SPINACH

The dark gloss green leaves are of the savoy type while the compact habit of growth adds to the value of this new spinach as a money maker for market gardeners. 1 oz. 10 cts., 1 lb. 25 cts., 10 lbs. $2.00.

LONG STANDING BLOOMSDALE

(Round Seeded.) 45 days. Superior variety of the Bloomsdale or Savoy Leaved group much in demand for home and market gardens because of the uniform handsome plants and remarkable long standing quality. Resembles Savoy Leaved or Bloomsdale, but is a trifle later, of more compact habit, a trifle darker green and remains free of flower stalks about two trifle darker green and remains free of flower stalks about two or three weeks longer. Pkt. 5 cts., 1 oz. 10 cts., 1 lb. 25 cts., 10 lbs. $2.00.

SAVOY LEAVED OR BLOOMSDALE

(Round Seeded.) 40 days. The standard very early sort for home and market garden. Plants upright and compact, attain height of 10 to 12 inches and spread of 12 to 15 inches. Leaves large; blistered and crumpled; rich deep, glossy green; of splendid quality. A very good spinach for shipping. Pkt. 5 cts., 1 oz. 10 cts., 1 lb. 30 cts., 10 lbs. $2.60.

GIAN THICK LEAVED (NOBEL)

The seed of this thick leaved variety produces the largest green leaves of any of the spinach. They grow rapidly and remain in good condition a long time. The medium-green leaves are large, rounded, slightly crumpled, succulent, and tender. It is an excellent home garden spinach. Pkt. 5 cts., 1 oz. 10 cts., 1 lb. 30 cts., 10 lbs. $2.60.

VIRGINIA SAVOY (BLIGHT RESISTANT)

(Blight Resistant.) Similar to Savoy Leaved or Bloomsdale but smoother in leaf and inclined to bolt to seed earlier. Used chiefly in sections where blight (mosaic) occurs. Not recommended for planting where other varieties can be successfully grown. Pkt. 5 cts., 1 oz. 10 cts., 1 lb. 30 cts., 10 lbs. $2.60.

NEW ZEALAND (TEFRAGONIA)

Distinct from other kinds of spinach and particularly valuable for culture in hot dry weather. Seeds comparatively large and nut-like. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly. Soak the seed before sowing. Pkts. 5 and 10 cts., 1 oz. 15 cts., 1/4 lb. 25 cts., 1 lb. 60 cts.

Turnip

For summer use sow early in spring in rows 1/2 to 2 feet apart. Plant seed about 1/2 inch deep and press the soil down firmly and smoothly. When the seedlings appear, apply tobacco dust liberally to prevent injury by flea-beetles and root maggots. As soon as the plants are about an inch tall, thinning should be started and carried on as recommended for beets. For fall and winter use the seed may be planted as late as August.

PURPLE TOP WHITE GLOBE

Table size, 55 days; full size 70 days. 10 to 12 inches in diameter and half as thick; purplish-red above and white below; flesh clear white, fine grained, mild. Pkt. 5 cts., 1 oz. 10 cts., 1 lb. 20 cts., 1 lb. 60 cts.

EARLY PURPLE TOP—STRAP LEAVED

Table size, 45 days. Very important home and market garden sort. Roots small, erect, compact. Roots flat, become 5 inches in diameter and half as thick; purplish-red above and white below; flesh clear white, fine grained, mild. Pkt. 5 cts., 1 oz. 10 cts., 1/4 lb. 20 cts., 1 lb. 60 cts.

AMBER GLOBE

Large roots, 75 to 80 days. Of good quality but chiefly grown for stock. Tops green, leaves cut. Roots large, become 5 to 6 inches in diameter; globular, smooth, yellow tinged with green at the top; flesh pale yellowish-white, fine grained, sweet and tender. Pkt. 5 cts., 1 oz. 10 cts., 1/4 lb. 20 cts., 1 lb. 60 cts.

COW HORN OR LONG WHITE

Table size, 65 days; full size, 75 to 80. Chiefly grown for stock feed but very good for table use. Tops fairly large, erect, cut-leaved. Roots 12 to 15 inches long, 3 inches thick at shoulder, tapered, slightly crooked; smooth; white with pale green shoulder; mild, sweet and tender. Pkt. 5 cts., 1 oz. 10 cts., 1/4 lb. 20 cts., 1 lb. 60 cts.

Rutabaga

IMPROVED PURPLE TOP YELLOW

Very popular variety for market and for storage and carlot shipment. The roots are large, globular, deep purplish-red above ground, yellow below; flesh yellow, fine grained; firm, mild and sweet. Pkt. 5 cts., 1 oz. 10 cts., 1/4 lb. 20 cts., 1 lb. 60 cts.

SWEET PERFECTION WHITE

While very good for stock feeding, this white fleshed rutabaga is especially desirable for table use. It is of vigorous growth and yields better than yellow varieties. Absolutely neckless, small topped, and fine grained. Pkt. 5 cts., 1 oz. 10 cts., 1/4 lb. 25 cts., 1 lb. 65 cts.
Field Seed and Seed Grain

PRICES ON FARM SEEDS SUBJECT TO MARKET CHANGES

All our tested farm seeds are sold under the provisions of the Pennsylvania Pure Seed Law. (Prices subject to change.)

Medium Red Clover (Pine Tree Brand). Domestic grown. The Red or June Clover is probably more generally grown than any other. This crop is the standard for American farmers. Lb. 45 cts., bu. (60 lbs.) $25.00.

Medium Red Clover (Imported and stained.) Hardy, North European grown, suitable for our climate. Lb. 35 cts., bu. (60 lbs.) $17.00.


Alsike Clover (Pine Tree Brand). One of the hardest varieties known. It is perennial and does not winter kill. Thrives on most soil. Lb. 35 cts., bu. (60 lbs.) $18.00.


Grimm Alfalfa Clover (The Genuine Certified). Has a different root system, more hardy than other strains of Alfalfa and can be grown on shallower soil. Sealed and certified bags. Lb. 60 cts., bu. (60 lbs.) $22.50.


Sweet Clover-Yellow Blossom (Pine Tree Brand). Does not grow so heavy and coarse as White Blossom and has a yellow blossom. Superior for pasture. Lb. 30 cts., bu. (60 lbs.) $10.00.

Timothy. 99.60 Pure (Pine Tree Brand). As a crop for hay timothy is probably unsurpassed by any other grass. Lb. 15 cts., bu. (45 lbs.) $4.50.

Soy Beans. (The Great Soil Improver). Soy Beans can be grown in all parts of the country where dent corn succeeds. We carry Manchu and Black Wilson varieties. Bu. $3.50.

Sudan Grass. The most wonderful annual grass ever introduced. Per lb. 10 cts., 10 lbs. 75 cts., bu. (35 lbs.) $2.25.

Winter Vetch. For forage and fertilizing purposes. Lb. 25 cts., bu. (60 lbs.) $10.00.

Peas, Canadian Field. Usually sown with oats. Used both as a green feed and fertilizer. Bu. (60 lbs.) $3.50. per 100 lbs. $3.50.

Dwarf Essex Rape. A forage plant of great merit. Valuable feed for cattle, sheep and hogs. Lb. 10 cts., bu. (60 lbs.) $5.00.

Golden Millet. Produces a very fine quality hay and makes a large seed head. Bu. (48 lbs.) $3.50.

Orchard Grass. Lb. 30 cts., 10 lbs. $2.50.

Alpha Barley 2 Row. Ripens with oats. Bu. (48 lbs.) $2.00.

Barley 6 Row. Early variety. Sow 2½ bu. per acre. Bu. (48 lbs.) $1.50.

Seed and Ensilage Corn


West Branch Sweepstakes. Lycoming County grown. Stalks 1½ to 2 inches in diameter and 12 to 15 feet high. Ears large averaging a foot long and 10 inches in circumference. Bu. (56 lbs.) $2.50.

Lancaster Sure Crop. Lycoming County grown. This variety grows quite tall, is very leafy, develops ears early and ripens a little earlier than Sweepstakes. Bu. (56 lbs.) $2.50.

Eureka Ensilage. Virginia Grown. Grows 14 to 18 feet high on stalks 2 to 2½ inches in diameter. Vast amount of foliage Bu. (56 lbs.) $2.50.

Blue Ridge Ensilage. Virginia Grown. Earlier than Eureka, not quite as large; ears 10 to 12 inches long, stalks 12 to 14 feet high. Bu. (56 lbs.) $2.75.

If wanted by parcel post, add postage 8 cts. for the first pound, and 1 cent for every additional pound, within the First and Second Zones. Bags included.

NOD-O-GEN

INOCULATE

Your Legume Seeds, such as alfalfa, sweet clover, red clover, alsike, soy beans, peas, field and garden beans, vetches, etc.

For small seeds, such as Alfalfa, Sweet Clover, Red Clover, Mammoth Clover, alsike, etc., ½ bu. size 30 cts., 1 bu. size 50 cts., 2½ bu. size $1.50.

For large seeds, such as Soybeans, Cowpeas, Vetch, Field Peas, Field Beans, etc., 1 bu. size 30 cts., 2 bu. size 50 cts., 5 bu. size $1.00.
**Insecticides and Fungicides**

**Directions For Using Any of the Following Will Be Found On Each Package**

**PLEASE NOTE:** If wanted by Parcel Post add for postage as follows: 10c for 1 lb., 15c for 2 lbs., 20c for 5 lbs., 30c for 10 lbs., up to and including the third zone; for other zones please add additional postage.

**Antrol**—The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating insects. It is composed of small glass containers and a special formula of syrup, Antrol set containing 4 ready filled ant feeders 10 cts., extra ready filled feeders 10 cts., 4 oz. bottle syrup 35 cts., pints 85 cts.

**Atmaleide** (Calcium Chlorate)—A non-poisonous Weed Killer. Can be dissolved in water and applied as a spray or dust. It is also used in control of potato bugs, Mexican bean beetle, tomato and cabbage worms and many other chewing insects, which attack vegetables. Mixed easily with water and can be used as either spray or dust. 1 lb. 20 cts., 4 lb. bags 50 cts.

**Arsenate of Lead (powdered)**—1 lb. to 1/2 lb. diluted to 50 gallons of water or may be used dry. Paris Green. 1 lb. bags 20 cts., 1 lb. carton 25 cts., 4 lb. bags 60 cts.

**Arsenate of Calcium**—Used in control of potato bugs, Mexican bean beetle, tomato and cabbage worms and many other chewing insects, which attack vegetables. Mixed easily with water and can be used as either spray or dust.

**Bordeaux Mixture (powder)**—12 3/4% copper mixture, for spraying purposes. 1 lb. 25 cts., 4 lb. bags 60 cts.

**Black Arrow 5000 Pyrethrum Dust**—A non-poisonous compound pyrethrum dust for effective control of insects on vegetables, flowers and small fruits. 1 lb. 50 cts., 100 lbs. $28.00.

**Blue Stone (Copper Sulphate). Crystals.** For making Bordeaux Mixture; best known remedy for blight. 1 lb. 10 cts., 10 lbs. 90 cts., 100 lbs. $7.00.

**Copper Solution Ammoniated**. A fungicide the same as Bordeaux Mixture, the essential ingredient, carbonate of copper, being dissolved in ammonia. Qt. $1.25, gal. $3.75.

**Calsol**—A perfect treatment for potatoes, tobacco, tomatoes, celery, cabbage, cauliflower, cucumbers, cantaloupes and all truck crops with hardy foliage because it supplies protection against pests and fungus diseases in a practical way. 1 lb. 40 cts., 5 lb. $3.55.

**Carbon Dip硫化物—Merck**—For the extermination of woodchucks, ground squirrels, moles, mice and prairie dogs. Also used in wheat bins to control weevils. 1 lb. can 50 cts.

**Ceresan (New Improved)**—A new low cost grain disinfectant. Costs only 1/2 to 1 1/2 cents per bushel. Unusually effective in controlling bunt or stinking smut of wheat, covered smut and stripe of barley, and oat smut. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Easily and quickly applied by 20 revolutions of seed treater or 3 turning with a shovel. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill. One point treats 32 bushels of wheat, oats, or barley.

**Cupricide (Red Copper Oxide)**—Specially prepared for use on soils and plants, to prevent the hunger disease known as Damping Off. 1 lb. 80 cts., 5 lbs. $3.50.

**Cyanoacids (Calcium Cyanide) (F. Fumigan)**—A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. It is scattered along the walks and the house closed for the night. 1 lb. 75 cts., 5 lbs. $3.00.

**Derrisol**—Kills by paralysis. Non-poisonous. Efficient for the control of aphids, black flies, leaf hoppers, thrip and many other soft bodied sucking insects as well as leaf eating cabbage worms. 1 oz. bottle makes six gallons, 35 cts., 1/2 lb. bottle $1.35, 1 lb. can $2.50.

**Ever Green Spray**—Deadly to insects both chewing and sucking. Non-poisonous to people and pets. Pyrethrum base. Requires no spreader. Simply mix with water, and spray. Also kills ants and fleas on dogs. 1 oz. mix 35 cts., 4 ozs. $1.00, 16 ozs. $2.00, 1 gal. $9.50.

**Formaldehyde Concentrated solidified Formaldehyde Dust**—A soil and seed disinfectant for the control of Damping Off, Smut, Brown Spot, Spores and other soil and seed borne diseases of Grain, Seeds, Potatoes, Plants and Lawn Grasses. 1/2 lb. 45 cts., 1 lb. 75 cts., 5 lbs. $2.00.

**Fume Tobac** (for burning)—A high nicotine content tobacco dust, for greenhouse fumigation. 25 lbs. $4.25, 50 lbs. $7.50, 100 lbs. $14.00 f.o.b. Elmira, N. Y.

**Fungtrogen**—A highly concentrated form of fungicide that will conquer mildew and control black spot on roses. It also supplies essential fertilizer. Dilutes 1 part to 60 parts of water. 75 cts. per 1/2 pint, 1 pint $1.25.

**Grape Dust**—A powder preparation used for mildew, aphid, black fly and other insects and fungus diseases, principally in greenhouses. 1 lb. 35 cts., 5 lbs. $1.25.

**Grafting Wax**—For all pruning and grafting purposes. Used when trimming trees and shrubbery. Gives needed protection. 1/2 lb. package 20 cts., 1/2 lb. package 30 cts., 1 lb. package 50 cts.

**Hitox**—A double acting concentrated insecticide, that kills chewing and sucking insects, containing the active toxic properties of Rotenone and Pyrethrum, with a vegetable oil spreader. A complete spray that does not stain or injure foliage and is non-injurious to higher forms of life. 1 qt. $5.00, 1 gal. $9.00.

**Lethane** 440—A highly concentrated and very effective insecticide for control of both chewing and sucking insects. Now being used successfully for meaty bag. 1 qt. $2.50, 1 gal. $8.50.

**Lethane Spreader. Gal. $1.50.**

**Liquid Slug Shot**—A concentrated spray for foliage of all kinds. Liquid Slug Shot combines rotenone and pyrethrum in the proper proportions with a spreader and a very effective fungicide. Simply dilute with water and spray. Non-poisonous to animal life—safe—and easy to use. 1 qt. $4.00, 1 gal. $9.00.

**Lime Sulphur Solution**—For scale insects on trees and shrubs, and such fungus diseases as can be treated in winter or early spring: also for leaf curl of peaches. 1 qt. 50 cts., 1 gal. 85 cts.

**Lime Sulphur** (Dry Powder Form)—Applied as a dormant spray in the fall after the leaves drop or in the spring before the buds open to destroy San Jose scale and fungous spores of apple scab, peach rot, leaf spot, etc. One-half pound will make five gallons. 1 lb. 121/2 lb. bag $1.50.

**Monohydrated Copper Sulphate**—For destroying fungous diseases of all kinds. Combine with lime and use as a dust. 1 lb. 15 cts., 5 lbs. 65 cts., 100 lbs. $8.50.

**M'Corrigan's Rotenone Dust**—For farmers and commercial growers. Controls insects on vegetable crops—leaves no poison residue. For asparagus beetle, bean leaf beetle, leaf hopper, Mexican bean beetle, cabbage worm, plant lice, thrips, striped and spotted cucumber beetle and other insects. Use with duster or mix with water as a wash. 15 to 25 lbs. per acre. 1 lb. bag 30 cts., 100 lb. bag $13.50.

**"Nico-Fume" Pressure-Fumigators**—Deadly to insects both chewing and sucking. Results: Greater economy, greater safety. 

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<thead>
<tr>
<th>Size</th>
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<tr>
<td>1 lb.</td>
<td>12 l/$7.00</td>
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<td>2 lb.</td>
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<td>4 lb.</td>
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<td>8 lb.</td>
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<td>16 lb.</td>
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**Nico-Fume** Powder—Kills by paralysis. Non-poisonous. Efficient for the control of aphids, black flies, leaf hoppers, thrip and many other soft bodied sucking insects as well as leaf eating cabbage worms. 1 oz. bottle makes six gallons, 35 cts., 1/2 lb. bottle $1.35, 1 lb. can $2.50.
Insecticides and Fungicides

Naphthalene Flakes—Treatment of Gladiolus Bulbs for Thrips—Sprinkle the flakes among the bulbs, using one ounce to one hundred bulbs, or about 1 lb. to a bushel of bulbs. The time of application may be either in the fall, during the winter or a week, or two before planting in the spring. Lb. 15 cts. (postpaid 25 cts.), 5 lbs. or more 13½ cts. lb.

Nico Fume (liquid)—For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors. 1 lb. $2.25, 4 lbs. $7.55, 8 lbs. $10.00.

Nico Fume Paper—For fumigating greenhouses; gives off dense fumes charged with nicotine. Per box of 24 sheets $1.25, 144 sheets $4.50, 288 sheets $8.00.

Para Dichlorobenzine—For peach tree borers. Full directions on each package. Do not use on very young trees. When planted around base of a peach tree it generates a gas that kills the borer in that tree. 1 lb. 50 cts., 5 lbs. $1.75, 10 lbs. $3.00, 25 lbs. $5.75, 50 lbs. $11.00.

Paris Green—A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound of Paris Green to 100 pounds Land Plaster. ½ lb. 20 cts., 1 lb. 30 cts., 1 lb. 50 cts.

Pestroy—A combined insecticide and fungicide, for the control of many chewing insects and fungus diseases. Can be used as a dust or spray. ½ lb. carton 20 cts., 1 lb. carton 35 cts., 4 lb. bags $1.00.

Pomo-Green with Nicotine—The leaf-green all-in-one Dust or Spray. A combination material which controls fungus diseases. Lb. can 75 cts., 5 lb. can $3.00.

Pomo-Green without Nicotine—For use as dust only is highly recommended where aphids or other sucking insects are not present. Lb. 50 cts., 5 lbs. $1.75.

Pyrox (Bowkers)—A combined insecticide and fungicide for all leaf eating insects, blights and fungous troubles; a pasty substance and needs only to be mixed with water. 5 lbs. $1.75, 25 lbs. $5.00, 100 lbs. $12.50.

Pyrox (Nicotine)—Kills both chewing and sucking insects; controls blight and other diseases. Just mix with water. 10 ozs. 39 cts., 17.6 ozs. 49 cts., 5 lbs. $1.75, 10 lbs. $3.00.

Red Arrow Garden Spray—Kills many varieties of both sucking and chewing insects on vegetables, flowers, fruits. Red Arrow is a highly concentrated pyrethrum extract, containing soap. Non-poisonous. Use as directed. Will not injure foliage. 1 oz. 35 cts., ½ pt. $1.00, 1 pt. $2.50, 1 qt. $3.70, 1 gal. $9.50.

Red “A” Soap—A neutral liquid potash cocoanut oil soap. An activator and spreader. When used with insecticides decreases cost of finished spray. ½ pint 35 cts., 1 pint 60 cts., 1 quart $1.00, 1 gallon $1.75.

Rocitoxic—A standard rotenone spray. Kills both by contact and through the stomach, absolutely harmless to man, animal or bird life. Rocitoxic spray is complete. No sprayer required, just add water. 1 oz. bottle 35 cts., 8 oz. can $1.00, 1 pint can $1.75, 1 quart can $3.00, 1 gallon can $8.00.

Selicid—A poisonous contact spray for red spider only. 1 quart $1.10, 1 gallon $3.00.

Semesan (DuBay)—A mercuric disinfectant for the control of many seed, plant and soil diseases. One ounce treats 15 pounds of seed. Per 2 ozs. 35 cts., 1 lb. $2.25, 5 lbs. $9.90.

Semesan Bel (DuBay)—For treating seed potatoes before planting controlling seed-borne diseases. 1 lb. treats 60 to 80 bushels of seed. Per 4 ozs. 45 cts., 1 lb. $1.50, 5 lbs. $6.75.

Semesan Jr. (DuBay)—Controlling seed-borne diseases of field seed and sweet corn; protects the seed from rotting in the ground. 4 ozs. 35 cts., 1 lb. $1.00, 5 lbs. $4.75.

Scaleicide—Used for the destruction of the San Jose Scale. Scaleicide does not clog nozzles, hose or pump and is pleasant to use. Spray during the winter or early spring when the trees are dormant. 1 quart 65 cts., 1 gal. $1.55, 5 gals. $5.50, 15 gals. $11.25, 30 gals. $18.50, 50 gals. $26.00.

Slug Shot Dust—The standard remedy containing Rotenone for currant worms, rose slugs, cabbage worms, and soft shelled insects that infest the vegetable or flower garden. 1 lb. carton 25 cts., 5 lbs. 85 cts., 25 lbs. $3.00, 125 lb. keg $12.50.

Snanol—For control of cutworms, snails, slug. Non-injurious to vegetation and very economical to use on account of its insolubility in water. 1½ lbs. 35 cts., 4 lbs. 55 cts.

Sulfocide—An effective summer spray for the control of scale and blackrot on fruit trees, mildew, and blackrot on roses, etc. Per pt. 50 cts., 1 qt 85 cts., 1 gal. $2.25.

Thrip Juice (Hammond’s)—This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. 1 pint 65 cts., 1 quart $1.25, 1 gallon $4.80.

Tobacco Dust (for dusting)—Repellent for most insects, bugs and worms infesting the garden. 1 lb. 10 cts. (prepaid 20 cts.), 5 lbs. 35 cts., (prepaid 50 cts.), 10 lbs. 60 cts., 25 lbs. $1.00, 100 lbs. $3.25.

Tobacco Dust (Gold Leaf)—1 lb. 10 cts., 100 lbs. $4.25.

Tree Tanglefoot—A paste preparation painted around the trunks to keep caterpillars, etc., from crawling into the trees. One pound makes from 12 to 15 lineal feet of band. 6 ozs. 25 cts., 1 lb. 60 cts., 10 lbs. $4.35.

Tree Wound Paint—Prevents decay after pruning. Stops tree bleeding. This residual, penetrating, antiseptic paint is not effected by cold, heat or moisture. Does not peel, crack or get brittle. 1 quart $1.25, 1 gallon $3.00.

Tri-Ogen—Insect spray and Fungicide Rose Garden spray treatment, especially recommended for flowers. Convenient, easy and pleasant to use. Triple acting. Small kit (makes 16 qts.) $1.50. Medium kit (makes 64 qts.) $4.00.

Volek, Nursery—Effectually control aphids, mealy bug, white fly, thrips, etc., while for red spider and scale insects upon evergreens it is unequalled. Does not discolor foliage. ½ pint 35 cts., pint 55 cts., quart 75 cts., gallon $2.00.

Volek, Garden—Containing both nicotine and soap, resulting in practically a complete spray, insecticide, fungicide and ovicide. Effective against aphids, cyclamen mite, white fly, chrysanthemum midge, rust, and mildew. 3½ oz. bottle 35 cts., 1 pint $1.00, 1 quart $1.50.

Volek, Greenhouse—Designed primarily for use under lath and glass. Used on plants and shrubs that are too tender for other sprays. Practically all tender foliage can be treated with Greenhouse Volek with a wide margin of safety. Qt. 75 cts., Gal. $2.00.

Weed Killer—Destroys weeds in paths, roads, gutters, drives, etc. Kill roots and tops of all weed and grass growth easier than hoeing and digging by hand. Very effective in walks and covered gutters without injury to road-bed. Does not discolor cement. Usually prevents growth for season. 1 quart can 50 cts., 1 gallon can $1.50, 5 gallon can $6.25.

Whale Oil Soap—Safely destroys aphids. The ideal spreader. Used alone is a good treatment for San Jose Scale and other bark lice. ½ pt. 35 cts., 1 qt. $1.00, 1 gal. $3.00.

Insecticides Subject to Market Changes—Dealers and Large Users Please Write for Quantity Prices.

PLEASE NOTE: If wanted by Parcel Post add for postage as follows: 10c for 1 lb., 15c for 2 lbs., 20c for 5 lbs., 30c for 10 lbs., up to and including the third zone; for other zones please add additional postage.
High Grade Fertilizers

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows:

15 cts. for 3 lbs., 20 cts. for 5 lbs., 30 cts. for 10 lbs.

Aluminum Sulphate—A material used in creating acid soils, in which Azaleas, Rhododendrons, and similar plants are to be grown. Use one pound to 10 square feet of surface. 5 lbs. 45 cts., 10 lbs. 75 cts., 25 lbs. $1.50, 100 lbs. $5.00.

Adco—The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs. $2.00, 7 1/2 lb. $1.00.

Blood Dried—A very quick acting fertilizer, being immediately soluble. 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75.

Bone Meal—Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and green houses, or any purpose where a high class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs. 25 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Bouvng—A plain dried cow manure from high protein fed cows. Is absolutely free from weed seeds. Anal. 2-2-2. Guaranteed to contain 75% available organic matter. 25 lbs. $1.00, 50 lbs. $1.50, 100 lbs. $2.75.

Cotton Seed Meal—Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia, making excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2.25.

Dicoumoe—A combined fertilizer and soil conditioner, contains all the strength of fresh manure, yet absolutely free of weed seeds and other impurities. Use in general gardens and for lawns. 3 1/2 bushel bag $2.50.

Lime, Agricultural Hydrated—Sweetens sour soils; binds loose soils; breaks up clay. Use 1/2 lb. to square yard. 10 lbs. 25 cts., 50 lbs. 60 cts.

Muriate of Potash—Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, and other grains. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Nitrates of Soda—Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers, to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gallon of water and do not apply oftener than twice a week. 3 lbs. 25 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Peat Moss (granulated)—Acts as a perfect mulch. Marvelous results obtained with your garden and lawn by working it into the soil. Makes fertilizer more satisfactory. Prevents ground becoming hard baked or crusty. Prices: bale of about 20 bu. $3.25.

Phosphate—For all vegetable crops, grains, grass, etc. Apply 800 to 1,000 lbs. per acre broadcast. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2.25.

Phosphate for Corn and Oats—Apply 800 lbs. per acre. 100 lbs. $2.00. Ask for ton prices.

Potato Fertilizer—Apply at the rate of from 800 to 1,000 lbs. per acre. 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2.25.

Sulphate of Potash—Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for roots and grain crops. Analysis equal to 50% of actual potash. 5 lbs. 40 cts., 10 lbs. 70 cts.

Sheep Manure (Wizard Brand)—Apply 1,000 lbs. per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant food. For garden, lawn or greenhouse use. It is clean and easily handled, besides giving immediate results. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. 90 cts., 50 lbs. $1.60, 100 lbs. $2.25.

Swdex (The New Moss Peat)—25 times finer than any Peat Moss. Use it as a top dressing for lawns. Penetrates down to the roots, supplying them with life giving humus for years. Quickly rehabilitates. Apply about one-half inch thick. 1/2 bale $2.00, bale $3.50.

Sulphate of Ammonia—Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired. Will stimulate growth almost immediately. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Sacco—A specially prepared plant food. Very highly recommended by florists, estates, market gardeners, etc., for lawns, flowers, vegetables, house plants, shrubbery, trees, etc. Rich in life giving nitrogen, phosphates and potash. Contains tobacco stems and manganese sulphate. 1 lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 70 cts., 25 lbs. $1.40, 50 lbs. $2.55, 100 lbs. $3.95.

Stim-U-Plant—A plant food in tablet form; contains highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Per pkg. of 30 tablets 25 cts. (by P. P. 30 cts.), 75 cts. per pkg. of 100 tablets (by P. P. 85 cts.), 1,000 tablets $3.50 (by P. P. $3.65).

Vigoro—Beautify your home with shrubs, trees, lawns, and flowers. Make sure they receive the food elements needed for fine, sturdy growth. Feed them Vigoro, the Complete Plant Food that contains all 11 of the plant food elements scientists have proved plants require from the soil. 1 lb. carton 10 cts., 5 lb. carton 45 cts., 10 lb. carton 85 cts., 25 lb. bag $1.50, 50 lb. bag $2.50, 100 lb. bag $4.00.

Wedge—A scientific fertilizer that both feeds lawns and fights weeds. Sift Wedo on your lawn. Only a small amount is needed—one pound for every 100 square feet. No better fertilizer for lawns, fairways and greens. 25 lbs. $1.65, 50 lbs. $2.75, 100 lbs. $4.75.

Wizard Cattle Manure—Shredded, pulverized and dried and therefore considerably more concentrated than it comes from the stable. 100 lbs. $2.75.
Strawberry Baskets. 1 qt. size 90 cts. per 100, $2.75 for carton 500.

Peach and Tomato Baskets. 16 qt. size 7 cts. each, 75 cts. per doz., $5.25 per 1,000.

High Hat Peach Baskets. 8 qt. 7 cts. each, 60 cts. doz.

Bushel Baskets, Round Bottom. $1.50 per doz., $10.50 per 100.

Bushel Basket Tubs. $1.60 per doz., $11.50 per 100. (Covers extra).

Tills. 4 qt. Pansy Baskets 3 cts. each, $4.00 for 200.

Tills. 2 qt. Pansy Baskets 3 cts. each, $4.00 for 200.

Hot Kaps. For early forcing. 100 including setter $2.50 (postpaid $2.65), 250 including setter $3.75 (postpaid $3.80), 1,000 for $10.25 (postpaid $10.60).

Cel-O-Glass. For hotbed coverings and poultry buildings. $1.25 per sq. yd., 5 yds. or more $1.22 per yd. Postage 1 yd. 10 cts., each additional yd. 2 cts.

Glass Cloth. 35 cts. per sq. yd., 10 yds. or more 30 cts. per yd.

Celery Cuffs. For blanching celery. 20 cts. per doz., $1.25 per 100, $10.00 per 1,000.

Wire Stake and Label Holder. 20 in. galvanized. 30 cts. per doz., $2.25 per 100.

Plant Labels. Waterproof cloth. 6 in. 20 cts. per doz., $1.40 per 100.

Tree Labels. Copper wired, plain. 40 cts. 100, $2.90 1,000.

Japanese Cane Stakes. These are very attractive for all purposes of plant staking, thin and very strong. 3' green, 25 cts. dozen, $1.25 100, $7.00 1,000. 6' natural, 45 cts. doz., $2.00 100, $12.00 1,000.

Mulech Paper. 18" wide, 300 yards long, $3.00.

Aluminum Egg Boxes. For shipping by Parcel Post. 1 doz. size $1.00, 2 doz. size $1.50, 3 doz. size $1.75, 4 doz. size $2.00, 6 doz. $2.50.

Egg Cartons. Hold 1 dozen. Size 3 x 4, 250 for $1.90.

Acme Egg Grading Scale. Will accurately grade all eggs from 16 ounces per dozen to 32 ounces. Each $2.35. Sent postpaid when remittance accompanies order.

Mascot Egg Grading Scale. Durable, dependable, quick and accurate. Dial 4 inches wide, calibrated in half ounces from 16 to 32 ounces per dozen. Each $1.35. Postpaid.

Peerless Glazing Points. No. 1 and 2. 60 cts. per doz., $1.25 100, $12.00 1,000.

Ezy Wear Garden Gloves. All sizes 75 cts.

Leaf Rakes. Steel, $1.00.


Cemetery Vases. 10 cts. each.

Dibbles. For transplanting plants. Brass point, 90 cts. Steel point, 70 cts.

Plant Jr. Garden Tools. Illustrated catalogue on request.

Barker Weeders and Cultivators. Ask for catalogue.

Power Cultivators, Gravely. Catalogue on request.

Milk Bottles. Quarts, 80 cts. per doz., $8.00 per gross; pints, 65 cts., per doz., $6.10 per gross; ½ pints, 55 cts. per doz., $5.10 per gross; 10-gross lots, 25 cts. less per gross. Name Plates on milk bottles, $2.50 for each size.

Milk Bottle Caps, in Tubes of 500, 35 cts. (postpaid 45 cts.) Quantity price on application.

Milk Bottle Cases. Quart Standard (holds 12) $1.60; Pint Standard (holds 20) $1.65; ½-Pint Standard (holds 20) $1.75.

Milk Cans 20-qt. 30-qt. 40-qt.

New York Pattern $3.45 $4.25 $4.75

Cleveland .................. 3.40 4.20 4.70

Milk Pails. 14-qt. $1.20, 12 qt. $1.10.

Milk Strainers, Lisk Quality Sanitary. $1.60.

Bottle Carriers. 10-qt. size $3.35, 6-qt. size $1.15.

Cream Separator Cans with Spigot. 20-qt. $2.35.

Rubber Aprons, Extra Heavy. $2.00.

Cotton Pals for Strainers. 100 postpaid, 60 cts., 300, $1.75. 5 lb. bag, postpaid 80 cts.

Champion Milk Coolers. No. 2 $8.00, No. 3 $9.00, No. 4 $12.00.


Milk-Can Brushes, Jersey Ox-fiber. 50 cts. Gong Ox-fiber. 50 cts.

Wyandotte Cleaner and Cleanser. 5-lb. bag, postpaid 55 cts., keg (30 lbs.) $4.98.


S-H Sterilizer and Deodorant. Qt. 90 cts., gal. $2.00.

Teat Tubes, German Silver. 90 cts.

Specialty Hand Bottle Capper. 25 cts. each.

Wood, Brass-pointed Measuring-stick. 75 cts. each.

A. I. Root Bee Supplies

THE ROOT QUALITY

We are distributors for the complete line of Root Bee Supplies and carry very large stocks. We sell at the A. I. Root prices and give the same discounts to Bee Associations and to authorized dealers that are given by the Company. For quick service send to us. Ask for Bee Catalogue. It is free.
Dog and Cat Food, Remedies and Supplies

Glover’s Imperial Medicines
FOR INTERNAL USE
Round Worm Vermifuge. For Puppies, Dogs, Foxes and Cats. 50 cts.
Round Worm Capsules. For Puppies, Dogs, Foxes and Cats. 50 cts.
Tape Worm Capsules. For Puppies, Dogs, Foxes and Cats. 50 cts.
Tetrachlorethylene Capsules. For Hook Worms and Round Worms in Puppies, Dogs, Foxes and Cats. 50 cts.
Condition Pills. Stimulant, Digestive, Appetizer, Tonic. 50 cts.
Iron Tonic. Tonic, Appetizer, General Stimulant for Puppies, Dogs and Cats. 50 cts.
Digestive Pills. Soothing to the Stomach and Intestines. Stimulates Digestion. 50 cts.
Laxative Pills. For Sluggish Bowels and Acute Constipation. 50 cts.
Diarrhea Mixture. To check Looseness of the Bowels from Simple Inflammations and Improper Feeding. For Dogs and Cats. 50 cts.
Compound Sulphur Tablets. Act upon the Kidneys and Intestines. 50 cts.
Nerve Sedative. For Fits and Convulsions in Puppies, Dogs and Cats. 50 cts.

FOR EXTERNAL USE
Mange Medicine Sarcoptic. Antiseptic and Germicide, also a Local Application for Eczema. 65 cts.
Creosol Disinfectant. Refined and six times stronger than Carbolic Acid. Antiseptic, Germicide, Insecticide, Deodorant. 50 cts.
Flea and Insect Powder. 100% Pyrethrum Flowers. No Filler added. Non-Poisonous. 50 cts.
Liniment. For Muscle Soreness, Stiffness and Sprains of Dogs. 50 cts.
Sore Foot Medicine. For Dogs. Specially recommended for Hunting Dogs. 50 cts.

ASK FOR FREE DOG BOOK
Sergeant’s Dog Medicines
Sure Shot Capsules. 50 cts.
Puppy Capsules. 50 cts.
Sure Shot Liquid. 50 cts.
Skip-Flea Soap. 25 cts.
Tape Worm Medicine. 50 cts.
Sure Shot Flea Powder. 25 cts.
Spohn’s Distemper Compound. 60 cts.
Spratt’s Cat Worm Capsules. 50 cts.
Spratt’s Cleaning Powder. 30 cts.
Pulvex Flea Powder. 25 cts and 50 cts.
Sopex Animal Shampoo. 50 cts.
Bee Brand Shampoo. Lathers, 30 cts.
Pulvex Dog Soap. 50 cts.
Supercedar Kennel Bedding. 5 lbs. 50 cts.

SPOON’S DOG MEDICINES
Tonic and Condition Tablets. 50 cts.
Sulphur Tablets. 50 cts.
Large Round Worm Capsules. 50 cts.
Round Worm Capsules for Puppies. 15 cts.
Laxative Tablets. 15 cts.

Cat Food and Supplies
Kit-E-Ration, a canned food. 10 cts.
Spratt’s Cat Food, a complete food. 30 cts.
Catnip Mice. 10 cts.
Catnip Leaves. 10 cts.
Spratt’s Dry Cleaning Powder. 30 cts.
Pulvex Flea Powder. 25 cts.
Flea Combs. 65 cts.
Grooming Brushes. 45 cts. and 55 cts.
Collars with Bells. 25 cts.
Sleeping Baskets. $2.25 and $2.50.

GAINES MEAT AND MILK MEAL
Complete Dog Food
5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.75, 50 lbs. $3.10, 100 lbs. $6.00.

PARD DOG FOOD
Swift and Company’s Canine-Tested Feeding Formula
We recommend this ready-to-serve ration for dogs of all breeds and ages. It supplies the proteins, carbohydrates, fats, minerals, and vitamins needed for sturdy growth, bright, sparkling eyes, good coat, and abounding energy.
Contains beef meat food products, wheat, barley, dry skin milk, edible bone, tomatoes, salt, and cod liver oil.
PARD is the safe food for your dog.

Pound Can. $ .10 3 Cans. . . . . . . $ .29
Per Case of 48 Cans. . . . . . . . . 4.25

CHAPEL’S DOG BISKIT
KEN-L-BISKIT KIB-L-BISKIT
PUP-E-CRUMBLES
5 lbs. 55 cts., 10 lbs. $1.00, 25 lbs. $2.15, 50 lbs. $4.10, 100 lbs. $8.00.
D and G Dog Food. Kibbled. 5 lbs. 55 cts., 10 lbs. $1.00.
D and G Mighty Good Meal. 5 lbs. 35 cts., 10 lbs. 65 cts.

PASCO DOG FEED
For Dogs and Puppies
It contains meat, milk, vegetables, cereals and cod liver oil. Properly balanced for growth, conditioner and health. 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. $1.40, 50 lbs. $2.75, 100 lbs. $5.25.

SPRATT’S DOG FOODS
Fibo. 5 lbs., 75 cts., 100 lbs. $12.50.
Ovals. Plain with cod liver oil.
Ovals. With charcoal. 5 lbs. 60 cts.
Challenge Terrier Meal. 5 lbs. 60 cts.
Cod Liver Oil Biscuits. 5 lbs. 60 cts.
Puppy Meal. 5 lbs. 60 cts., 100 lbs. $10.00.

Prices quoted on Dog Foods is subject to Market Changes
PRATT’S

REGULATORS and REMEDIES
for POULTRY and ALL LIVESTOCK

POULTRY REGULATOR. Helps hens lay. Increases rate of growth. Makes any mash better. Add 2 lbs. to every 100 lbs. of mash. Costs only a few cents and will bring back dollars of extra profits. Prices: 24 ozs. 25 cts., 4 lbs. 50 cts., 12½ lbs. $1.50, 25 lb. pail $2.75.

ROOST PAINT. New improved nicotine formula Roost Paint. Kills lice on hens by just painting the roosts. Costs only half as much as nicotine sulphate 40%. 1 quart delouses 1,000 fowls. Prices: ½ pt. 85 cts., 1 pt. $1.50, 1 qt. $2.25, 1 gal. $7.00.

CHICK TABLETS. Safe guards chick life. Used in the drinking water it kills the specific organism which causes White Diarrhea. Get a box today and stop chick losses. Prices: 25 and 50 ct. pkgs.

R-P TABLETS. (Formerly called Roup Tablets). Stop big losses from roupy diseases. At the first sign of a cold use R-P Tablets in the drinking water. It kills germs and stops the spread of the disease. Prices: 25 and 50 ct. pkgs.

POWDERED LICE KILLER. Kills lice and other parasites on poultry, rabbits, livestock and pets. Comes in a handy shaker can. Prices: 14 oz. can 25 cts., 2 lbs. 50 cts.

SPLIT-ACTION N-K CAPSULES. (For Poultry Worms). One capsule releases two doses of worm destroying drugs hours apart, does work of two ordinary worm treatments. Destroys large round, tape and pin worms. Made in adult size and in one size for chicks and pullets. Prices: Adult size, 50 capsules 85 cts., 100 $1.50, 500 $5.50; Chick and Pullet, 50 capsules 55 cts., 100 $1.00, 500 $3.75.


DISINFECTANT. A standard coal tar solution such as is recommended by the Government and other authorities. Effective as a disinfectant and deodorant for poultry houses, stables, barns, etc. Also for household use. Prices: 1 pt. 35 cts., 1 qt. 50 cts., 2 qts. 85 cts., 1 gal. $1.45.

ANIMAL REGULATOR. A conditioner that will keep your livestock in the pink of condition. Tones up the system. Builds up disease resistance and enables animals to produce more work for the same feed. Prices: Pkg. 25 cts., 25 lb. pail, $2.75.

COD LIVER OIL. Vitamin tested and guaranteed. Provides an effective source of Vitamin D. Prices: 1 qt. 35 cts., 1 gal. $1.25, 5 gals. $5.00. Containers extra.

WALK O TABLETS. 50 cts. and $1.00 sizes.

SORE HEAD CHICKEN POX OINTMENT. Price: 60 cts. pkg.

“BLACK LEAF 40.” Kills lice. Just paint the roosts. 1 oz. paints 12 ft. roost 35 cts., 5 ozs. paints 65 ft. $1.00, 1 lb. paints 200 ft. $2.25, 2 lbs. paints 400 ft. $3.25, 5 lbs. paints 1,000 ft. $5.85, 10 lbs. paints 2,000 ft. $9.85.

DR. HESS’ POULTRY PAN AM IN. (Formerly Panacea). A conditioner and mineral supplement put up in 3 lb. packages, 45 cts., 7 lbs. 85 cts.

DR. HESS’ STOCK TONIC. 5 lbs. 75 cts., 25 lbs. $3.00.

GREYLAWN LOUSE POWDER. For dusting fowls and nests. Also livestock. The most effective lice exterminator in existence. 12 ozs. 65 cts., 22 ozs. $1.00.

FLYER’S CONNECTICUT FORMULA. The Premier Treatment for Enteritis and Paralysis. 15 oz. can 75 cts.

FLYER’S “ANTI-PICK.” Absolutely stops Cannibalism. 3 ozs. 25 cts., 15 ozs. $1.00.

FLYER’S “RAT-O-CIDE.” A Powerful Non-Poisonous Red Squill Exterminator of Rats and Mice. 4 oz. can 50 cts.

BARKER’S MEDICINAL STOCK POWDER. Improved chemical and vegetable Horse, Cattle and Poultry Powder. 30 cts., 60 cts., $1.00 size pkgs. 12 lb. pail $2.00, 25 lb. pail $3.85.

SAL-VET. The worm destroyer and livestock conditioner without an equal. 5 lbs. 60 cts., 10 lbs. $1.00.

GERMOZONE. The standard remedy for the prevention and cure of most every ill that affects poultry, such as roup, cholera, bowel complaint, diarrhea, sore head, gapes, etc. 12 oz. bottle 75 cts., 32 ozs. $1.25.

KOW KARE. The great cow medicine. Large can $1.00 (postpaid $1.15), small can 50 cts. (postpaid 60 cts).

BAG BALM. 50 cts. (postpaid 60 cts.).

GARGET REMEDY. 60 cts. (postpaid 70 cts.).

DR. NAYLOR’S MEDICATED TEAT DILATORS. 1 doz. jars 50 cts. (postpaid 60 cts.), 3 doz. jars $1.00 (postpaid $1.10).

TOXITE. Disease control spray. Controls Poultry Coccidiosis (Bloody Diarrhea), Round Worms (Ascaridia), and Red Mites which are transmitted by contaminated litter. Money back guarantee. 1 gal. $1.50. Ask for bulk prices.

CARBOLA. The Disinfecting White Paint. For poultry house, stock barns and cellars. Paints and disinfects. Dries white. 5 lbs. 60 cts., 10 lbs. 98 cts., 25 lbs. $1.90, 50 lbs. $3.50.
POULTRY SUPPLIES

MAISON JAR FOUNTAIN
Made of rust-resisting metal, no seams, or solder and fits Mason jars. Glass jar not included.
No. 144—Price, each 10 cts.; 3 for 25 cts.

NEW GEM CHICK FOUNTAINS
New Gem Snap-on Fountains, with Smooth Stream Line Cone Tops on which the chicks cannot perch.
Body or can snaps firmly to the drinking pan, and is held securely in place, so that the fountain can be carried by the top handle when filled without danger of spilling. The pan is 10 in. in diameter, extra heavy, fluted or escalloped design, giving the chicks easy access to the water without getting wet.
No. 158—1 gal. Each $ .55
No. 159—2 gal. Each .75

CRESsent CLEANABLE FOUNT
Has Double Walls which keep water cool in summer and retards freezing in winter. Operated on the vacuum principle and the water is always at the proper level. Heavy galvanized steel.
No. 268 Cap. 1½ gal. Each $1.05
No. 269 Cap. 3 gal. Each 1.60
No. 270 Cap. 5 gal. Each 1.95

Grill Top Chick Feeder
Substantial Galvanized Wire Grill, roost proof and prevents waste of feed. Galvanized steel trough, width 4¼ in., depth 2½ in., total height 5¾ in., with turned in edges.
With Adjustable Legs Without Legs
No. Length Each No. Length Each
310—S—24 in. $ .60 310—24 in. $ .50
311—S—36 in. .80 311—36 in. .70
312—S—48 in. 1.00 312—48 in. .90

Metal Reel Chick Feeder
With a Metal Four Blade Reel, which revolves freely and prevents roosting. Has 4 adjustments for height.
Trough is galvanized steel 4½ in. wide by 2½ in. deep with turned in edges. Height of ends 5¾ in.
With Adjustable Legs Without Legs
No. Length Each No. Length Each
466—S—24 in. $ .55 466—24 in. $ .45
467—S—36 in. .70 467—36 in. .60
468—S—48 in. .90 468—48 in. .80

Grill Top Broiler Feeder
For chicks from three weeks old to pullet size. The hinged Wire Grill prevents roosting, avoids food contamination and waste. Galvanized steel trough. Width 6¼ in., depth 3 in., height 6¾ in. Turned in edges.
With Adjustable Legs Without Legs
No. Length Each No. Length Each
250—S—36 in. $1.15 250—36 in. $1.00
251—S—48 in. 1.45 251—48 in. 1.30

Hand and Compressed Air Sprayer Dusters

The New Open-Hed Sprayer. Electric Welded Seams. Galvanized after tank is fabricated. Double acting pump lock. Tank opening is 5 in. diameter. Guaranteed for 100 lbs. pressure. Rubber double grip pump handle. Swivel Nozzle can be adjusted to any angle. Holds 3½ gal. $3.95 each, $4.20 postpaid; 3 gal. capacity $3.75 each, $4.00 postpaid.


Gem Hand Sprayer. Is a simple action atomizer built with a heavy pump cylinder and strong tin plate container. Capacity ½ pint. 25 cts. each, postpaid 35 cts.

Whirlwind Hand Sprayer. 1 quart tin pump, tin plate container, single action. 35 cts. each, postpaid 45 cts.

No. 16 Hand Sprayer. A one pint single acting sprayer, glass container. 30 cts. each, 40 cts. postpaid.

Crystal Duster. Continuous discharge. 1 quart durable glass jar, fan shape spreader nozzle. $1.15 each, $1.30 postpaid.

Duster Brown No. 1. ½ pint hand duster, suitable for dusting insecticides and roach powders. 50 cts. each, 60 cts. postpaid.

Duspra Hand Sprayer. A continuous atomizer, ideal for spraying around the house or garden. Container is 1 pint glass jar. 45 cts. each, 55 cts. postpaid.


BIRDS AND BIRD SUPPLIES

BIRD CAGES AND STANDARDS

We carry a line of artistically colored cages and standards in the New Duco Finish—blended in two tone combinations, plain base or the newer type with two drawer bases, one for gravel paper the other with stationary bath dish. Also brass cages. Cage and Stand, $2.00 and up.

SINGING CANARY BIRDS. Every bird is carefully selected for song and satisfaction guaranteed.

Male Choppers, Male Rollers, Yorkshire Canaries, Norwich Canaries, Shell Parrakeet. Birds can be shipped by express only.

Bird Foods and Remedies

- Pulvex Insect Gun and Powder, 35 cts.
- Cage Springs, 10 cts. and 20 cts.
- Cage Hooks, 15 cts. and 20 cts.
- Seed and Water Cups; Opal 15 cts., Non-breakable 25 cts.
- Bird Bath Dishes, 10 cts.
- Non-breakable Bath Houses in color, 25 cts.
- Charm Bells, 10 cts.
- Cuttle Bone Holders, 10 cts.
- Our own selected Mixed Bird Seed, 20 cts. lb., 5 lbs. 75 cts., 10 lbs. $1.20.
- Silver or Red Gravel, 10 cts. carton.
- German Song Restorer, 25 cts.
- Bird Manna, 10 cts.
- Eureka, C. L. O. Food, 35 cts.

PARROT FEED

- Sunflower, selected for parrots. Lb. 20 cts., 2 lbs. 35 cts.
- Parrot Food Mixed. 18 cts. lb. bulk, 2 for 35 cts.
- Parrot Grit, Bone-Builder, 15 cts. box.
- Parrot Tonic. For cold, 25 cts.

FISH FOOD

- Fish Food Wafers, 10 cts.
- Fish Food, Natural, 10 cts., 50 cts. and 50 cts.
- Turtle Food. Contains ant-eggs, 10 cts.
- Ich and Fungus Remedy and Tonic, 15 cts.
- Glandex Tonic for Tropical Fish, 20 cts.
- Geha, an imported Fish Food, 20 cts.
- Ant Eggs, in paper cartons, 10 cts.

GOLD FISH

Priced from 5 cts. to 25 cts. each.

Common, Fantails, Ribbon Tails, Shubunkins

Telescopes

AQUARIUMS

All kinds of Aquarium Supplies

OXYGENATING PLANTS

FULLSONG BIRD FOODS

- Washed Bird Gravel, 10 cts.
- Health Food, 25 cts., 50 cts., $1.00.
- Feather-Pulling Remedy, 25 cts.
- Moultin Food, 25 cts.
- Mating Food, 25 cts.
- Nestling Food, 25 cts.
- Antiseptic Wash, 25 cts.
- Bird Bitters, 25 cts.
- Vitamin, 25 cts.
- Bird Peppers, 25 cts.
- Charcoal, 15 cts.
- Cold Remedy, 25 cts.
- Asthma Remedy, 25 cts.
- Footease, 25 cts.
- Parrot Grit, 15 cts.
- Parrot Tonic, 25 cts.
- Fish Food with Shrimp, 10 cts.

BURNETT'S BIRD FOODS

- Unexcelled Health and Song Restorer, 25 cts.
- Cod Liver Oil Bird Food, also a nestling food, 25 cts.
- Lightning Song Restorer, 25 cts.
- Mocking Bird Food, for soft billed birds, 40 cts.
- Glandex, New Gland food for Tropical Fish, 20 cts.
- Bird Gravel with Charcoal, 15 cts.
DU BAY SEED DISINFECTANTS

Increase Crop Profits
Reduce Disease Losses

NEW IMPROVED CERESAN
Effective against bunt or stinking smut of wheat; loose and covered oats smuts; black loose smut, covered smut and stripe of barley; seedling blight of all three. Prices: 1 lb. 70 cts., 5 lbs. $3.00.

NEW IMPROVED SEMESAN BEL
Quick dip treatment; effective against seed-borne scab and Rhizoctonia. Costs only 1/4 cts. to 3 cts. a bushel. Prices: 4 oz. 45 cts., 1 lb. $1.50, 5 lbs. 6.75, 25 lbs. $31.00.

NEW IMPROVED SEMESAN, JR.
Easy dust treatment; protects seed against rotting; improves stands; reduces seedling blight and increases yields. Average increase, 4 bushels an acre. Prices: 4 oz. 35 cts., 1 lb. $1.00, 5 lbs. $4.75.

NEW IMPROVED SEMESAN
 Controls many seed-borne diseases, reduces seed decay of vegetable and flower seeds at the amazingly low cost of only 4c to 1c a pound. Also valuable for watering the seed bed or flats to control damping-off. Prices: 2 oz., 35c; 1 lb., $2.25; 5 lbs., $9.90. NU-GREEN to control Brown Patch on turf of low fertility. Prices: 3 oz., 35c; 1 lb., $1.45; 5 lb., $6.30; 25 lb., $29.00; 100 lb., $115.00.

SPECIAL SEMESAN to prevent and control Brown Patch. Prices: 5 lb. tin $7.00; 25 lb. pail $33.00; 100 lb. drum $129.00.

FREE:
Booklets an all Du Bay Seed Disinfectants on request.

TREAT SEEDS EVERY YEAR - IT PAYS!

ANTS: Simply enlarge entrances of nest with long-shank screwdriver or pointed stick. Adjust spout of can and allow a small amount of Cyanogas to flow into the enlarged hole. The worker ants and Queen are killed immediately with Cyanogas. Special 4-Oz. Ant Container 30 cts.

MOLES: Open up runways every 10 to 20 feet, and blow Cyanogas A-Dust in both directions with a duster. 1 lb. 75 cts., 5 lbs. $3.00, 25 lbs. $10.00, 100 lbs. $30.00.

WOODCHUCKS: Are very susceptible to the gas liberated by Cyanogas A-Dust, and only one whiff is required to kill them. Place one tablespoonful of Cyanogas as far down the burrow as possible. Use long-handled spoon. Upset Cyanogas in a small pile. Close entrances tightly with up-turned sod. 1 lb. 75 cts., 5 lbs. $3.00, 25 lbs. $10.00, 100 lbs. $30.00.

RATES: Cyanogas is not a bait! It is different! Simply pump it into rat burrows or hideouts, it seeks the rats and kills them instantly. 1 lb. 75 cts., 5 lbs. $3.00, 25 lbs. $10.00, 100 lbs. $30.00.

GREENHOUSE PESTS: Cyanogas G-Fumigant, when exposed to air gives off a gas destructive to all plant insects. It is the most generally used insecticide in greenhouses. It is the most economical of all greenhouse insecticides, and is completely effective and very easy to use. 5 lbs. $3.00, 25 lbs. $10.00, 100 lbs. $30.00.

OTHER PESTS: Such as fleas, bees, bats, squash bugs, cucumber beetles, termites, etc., are easily controlled with Cyanogas. Leaflets containing instructions on the control of practically all pests are available.

FREE:
Booklets an all Du Bay Seed Disinfectants on request.
VEGETABLE SEEDS

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FLOWER SEEDS AND BULBS

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INSECTICIDES,
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MARIGOLD—SUNSET GIANTS (New)
A plant type that is a new departure in Marigolds, being showy, fragrant and of exceptional size. Flowers are loosely formed, full center, colored from light yellow to deep orange. Instead of the usual Marigold odor they have a definite sweet fragrance. Pkt. 15 cts., 1/16 oz. 75 cts.

ASTER—SUPER GIANT EL MONTE
Special Mention 1936 All American Selection
A large Crimson Aster, composed of daintily interlocked plume-like petals extremely large and fluffy. Early blooming, a super giant of the Ostrich Feather type. Pkt. 20 cts.

RUST PROOF ANTIRRHINUMS (Snapdragons)
Rust Proof Snapdragons have been subjected to the most rigid tests on rust infested grounds and have produced over 75% of the plants absolutely immune. They are free bloomers having long spikes full of large beautiful flowers. Mixed colors. Pkt. 20 cts., 1/16 oz. 35 cts.

PETUNIA—DAINTY LADY (New)
American and European Award Winner
A new yellow single fringed Petunia, medium sized, free bloomer, of unusual merit. The plants are upright, semi-dwarf, excellent for border, bedding, window boxes and cut-flowers. Pkt. 35 cts.
5 OUTSTANDING VEGETABLES

Tenderygreen Beans
See page 18

New Longfellow Cucumber
See page 26

New Penn State Tomato
See page 36

Paramount Parsley
See page 33

Morse's New Bunching Carrot
See page 21

CHAAPEL'S SEED STORE
39 E. THIRD STREET • WILLIAMSPORT, PA.
DIAL 4208