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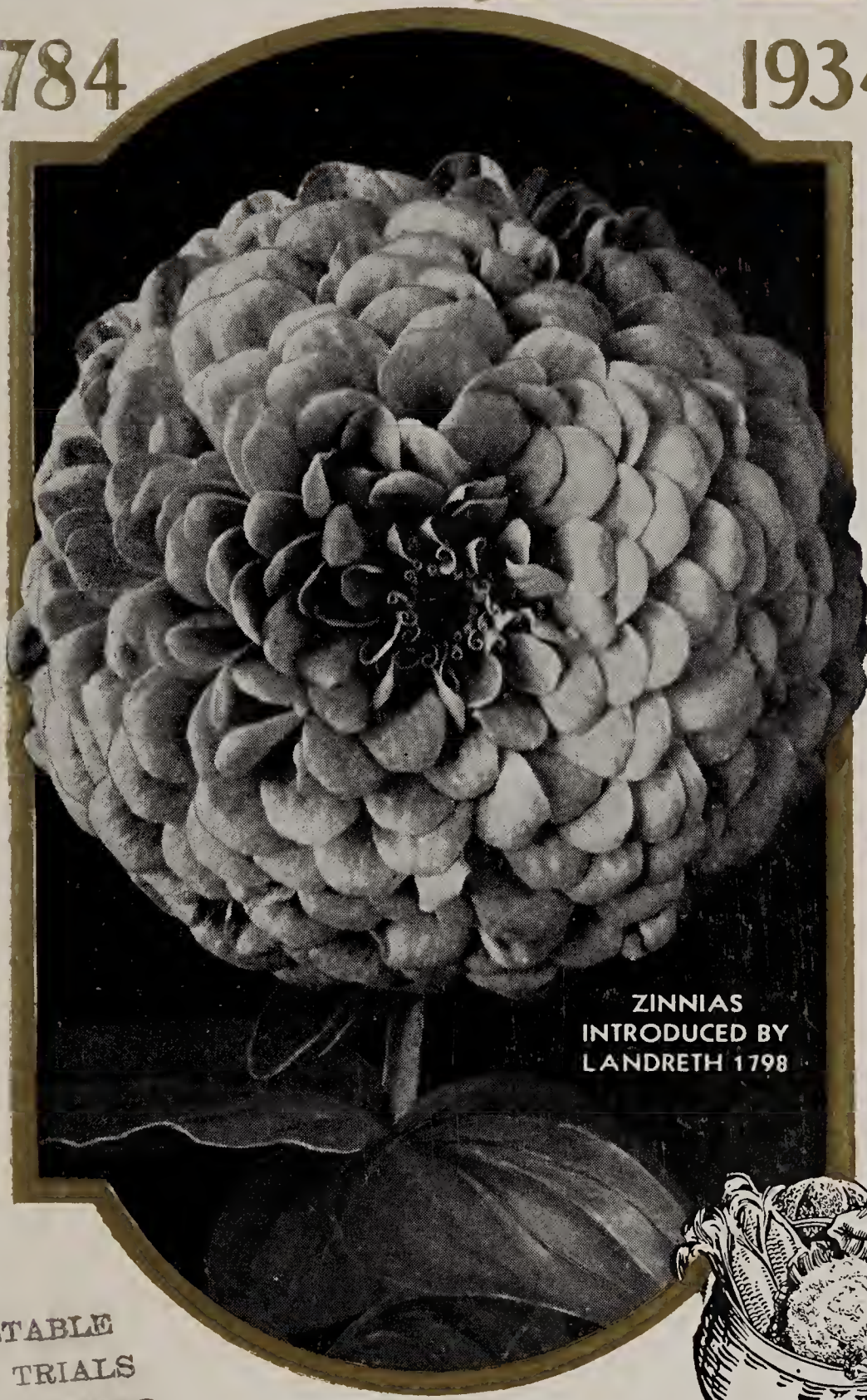
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LANDRETHS' SEEDS

1784

1934



ZINNIAS
INTRODUCED BY
LANDRETH 1798

*150th
Anniversary*

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U. S. Department of Agriculture



VEGETABLE
SEED TRIALS
HORTICULTURE

BRISTOL
P E N N A

America's Oldest Seed House

LANDRETHS' CERTIFIED TOMATO SEED

We wish to call your attention to our new crop of Certified Tomato seed grown by us, under the supervision, and officially inspected by the Pennsylvania Department of Agriculture. We sell our Tomato seed only in packets and $\frac{1}{4}$, $\frac{1}{2}$ and 1 lb. cardboard sealed lithographed packages, wrapped in Moistureproof Cellophane, each package of which is sealed by a certificate from the Pennsylvania Department of Agriculture as respects excellency of stock, purity of type and freedom from disease. Our supply of course is not unlimited, but we offer until sold out, Certified Seeds of the following varieties:

Break O'Day, Marglobe, Crown Picked Marglobe, Norton, Stone, Pritchard or Scarlet Topper, Landreths' Red Rock and Greater Baltimore.

We are one of the two seedsmen offering Tomato Seed certified by the Pennsylvania Department of Agriculture.

CROWN PICKED MARGLOBE (CERTIFIED) — 100 Days

This seed is identical to the Certified Marglobe, except it is obtained from the first or crown set fruit and is the result of seeds selected from the earliest fruit set on the vines.

This seed is treated with a poison which gives the seed a slightly greenish tinge and helps its growth. It also protects the seed from adverse weather conditions.

Pkt., .10 oz., .85 $\frac{1}{4}$ lb., \$2.75

MARGLOBE (CERTIFIED) — 100 Days

This Tomato is undoubtedly the best of all recent introductions. It was named and introduced by the late Dr. Pritchard, of the Bureau of Plant Industry, United States Department of Agriculture, Washington, D. C. It has been vastly improved by us every year since its introduction by individual plant selection so that it is as nearly perfect as it is possible to obtain. It is Globe in shape, deep red all over, very little depression at the stem end, has few seeds and does not crack. No mark at all is at the blossom end. It is solid, no green core and most productive. The vines are robust and wilt-resistant as much as any variety we have ever seen. It possesses everything desirable in character and a most attractive Tomato in every way. This Tomato is similar in shape to old

well known Globes but larger, and instead of being pink as Globes, is **Red**. The Northern market much prefers a Red Tomato to a Pink. The growers have been using a Pink Globe because they could not get a Red. It has been found to be the best Tomato which can be grown in Florida and the South for shipping to northern markets. We recommend the Marglobe to take the first place with Market Gardeners, Kitchen Gardeners and Canners. The Seed which we



Marglobe

offer is all grown by us and is a product of Seed originally obtained from the late Dr. Pritchard, and is absolutely correct. This variety will be more generally cultivated during the summer of 1934—as it is the most profitable of all sorts. We cannot say too much for this strain of Tomato and we hope all our customers will order it. **See page 75 for uncertified Marglobe seed.**

Pkt. oz. $\frac{1}{4}$ lb.
.10 .50 \$1.75

SEE PAGE 73 FOR ADDITIONAL CERTIFIED TOMATO SEED

1784

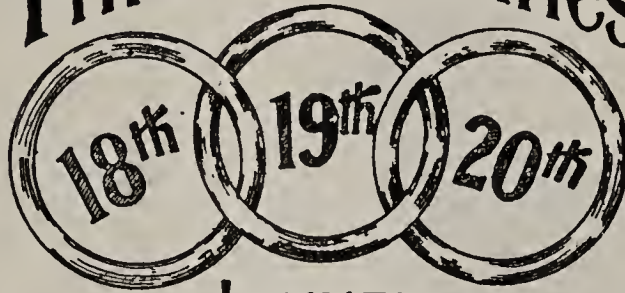
LANDRETHS' SEEDS

1934

Serving America from Washington to Roosevelt



Three Centuries



·LINKED·

·IN ONE CONTINUOUS·
SEED BUSINESS.

—FOUNDED IN 1784—

From Father to Son for Five Generations is a Record Unequaled in the United States

In presenting this 1934 edition of our catalogue we place our entire service and staff of experts at the disposal of all purchasers of Landreths' Seeds. We are at all times using our utmost efforts to develop seeds of the best quality and vitality. We believe in individual plant selection of all seed and consider it the only way to secure the best quality seeds. No amount of money is too great for us to spend in endeavoring to furnish our customers and the Seed Trade in general with the best seeds which can be obtained anywhere. We wish you all a most successful season in these strenuous times and pledge our aid wherever possible.

D. LANDRETH SEED COMPANY

BURNET LANDRETH, JR.
President & Treasurer

S. PHILLIPS LANDRETH
Secretary

DAVID LANDRETH
Assistant Secretary

An Experimental Ground Is Really a Necessity

In order that a seedsman may know exactly what he sells, it really is necessary for him to have a place where he may try-out the various strains which he lists. Landreth has always had such a place.

The first Trial Ground, in which were planted the seeds sold by the Landreths one hundred and fifty years ago, was at 22nd and Federal Sts., Philadelphia, on the site of the present Landreth Public School. This Experimental Ground was then the only one in America.

A Trial Ground showing competitive qualities can be seen to perfection on Bloomsdale Farms any day that a visitor may give us the honor of an inspection. We justly claim to have one of the best Trial Grounds in America.

This past year, we had at Bloomsdale alone, over 500 trials of Beans, and more than 8 acres of self-pollinated Sugar Corn, and over 5 acres devoted to individual plant selections of Tomatoes. On our Breeding Grounds in Idaho, we gave 50 acres to the development of seed stock of Bush Beans, while at Bozeman, Montana, there was the same acreage in Peas. At both places, intense work is done in plant selection.

In our greenhouses, we made more than 50,000 individual tests in earth, for germination and vitality. This is the most practical and only sure way to get positive results.

« * * * » » »

The simplicity of all LANDRETHS' CATALOGUES rests in the fact that they are so easily understood. They are arranged alphabetically and contain straightforward, concise descriptions in order that the seed or vegetable may be identified at once.

LANDRETHS' NOVELTIES

To add charm to your 1934 garden, we suggest the following new varieties—

★ CALENDULA Chrysantha (Sunshine) □

Awarded a Gold Medal by the "All-American Selections Committee" for 1934. Originating in Australia, this flower has wide and loosely arranged petals, incurved at center, and reflexed at edges, somewhat like a chrysanthemum. The long-stemmed clear buttercup-yellow blooms are 4 inches across. Plants 30 inches tall.

Packet, 20c.



★ ASTER New Super Giant "Los Angeles" □

Received Award-of-Merit from "All-American Selections Committee" for 1934. Exceptionally large flowers of a pure shell-pink, borne on very strong 3-foot stems. The interlacing petals give a very pretty feathery effect. Shell-pink is the only color in this new race, but other colors are in course of development. Introducers' stock only. Early planting essential.

Packet, 25c.



Also of particular interest (see descriptions under regular headings):

- Nasturtium, Double Golden Gleam
- ★ Marigold, Signata pumila
- ★ Pansy, Engelmann's Giant Light and Dark Shades

LANDRETHS' NOVELTIES



ASTER

New Giant California Sunshine Mixed

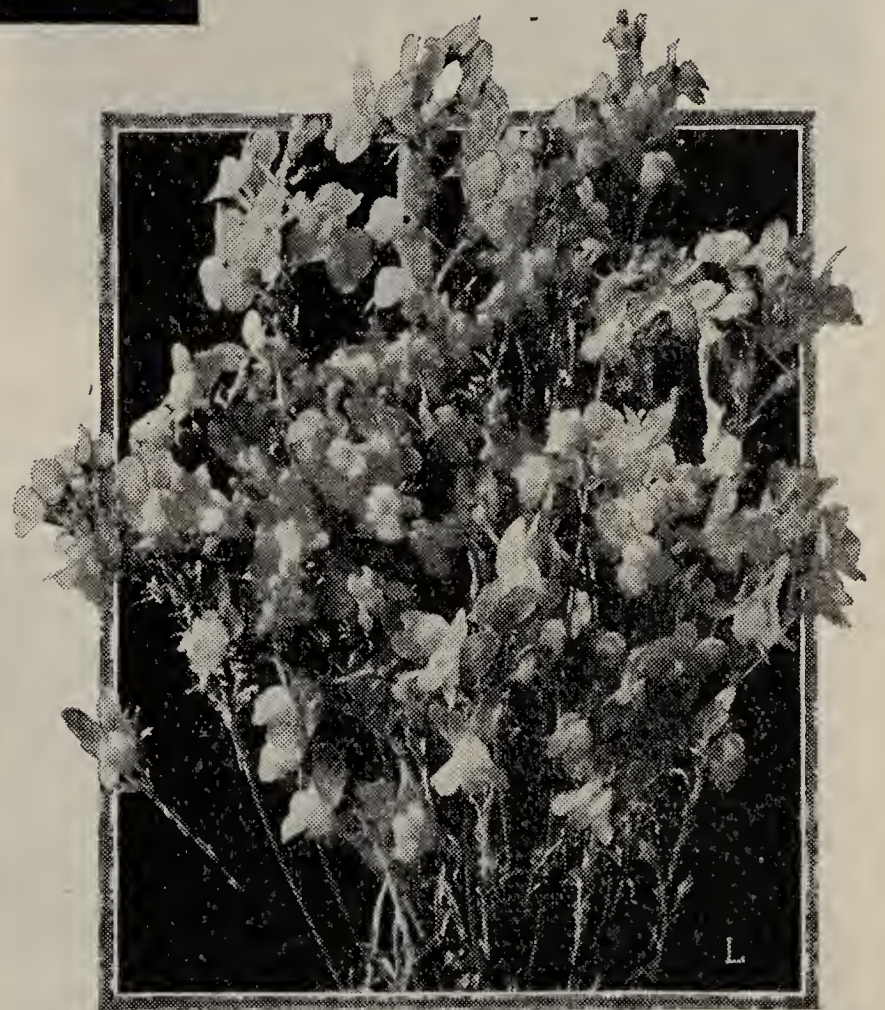
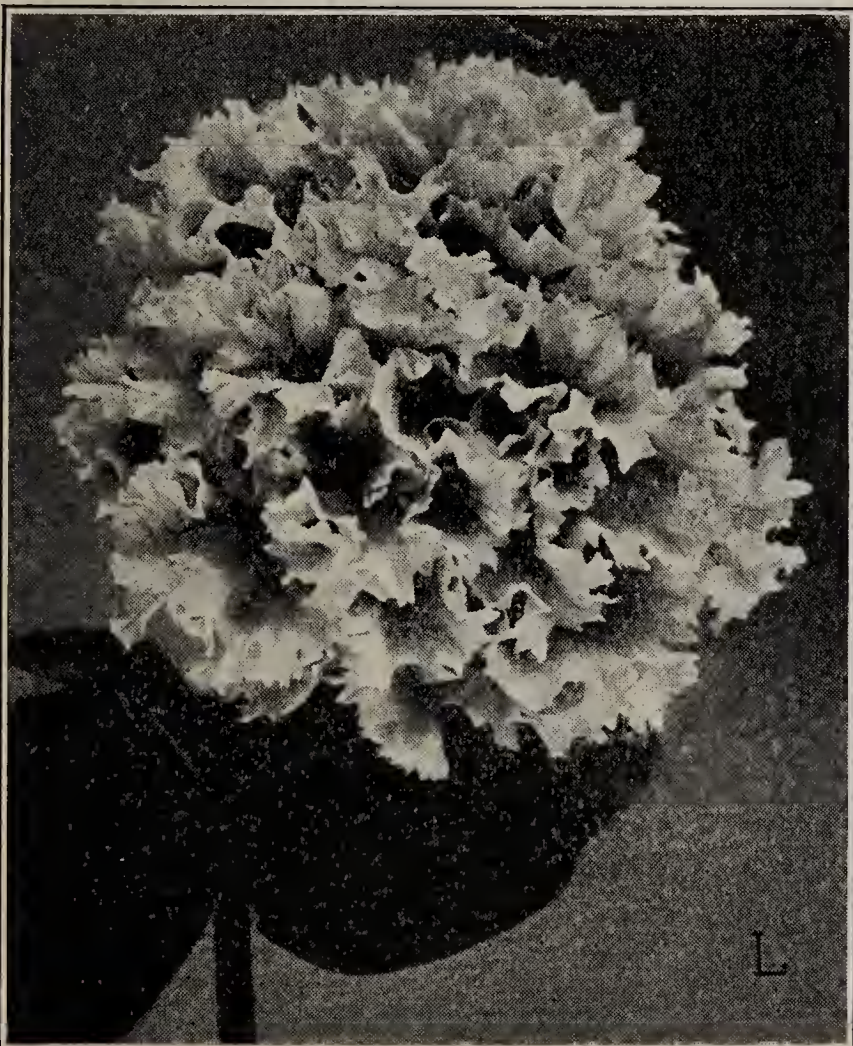
Single row of outer petals, 4-5 inches across, with tufted center of short florets of light yellow. Distinct and most attractive. 2½ feet.

⅛ Oz., 60c.; Packet, 15c.

★ PETUNIA □

Maximum Double Fringed Mixed

"Triumphant" Strain — Award-of-Merit from "All-American Selections Committee" for 1934. These are really giant-flowered and exquisitely fringed, and sometimes 5 inches across, in colors of carmine, brilliant rose, velvety violet, purple, white, creamy yellow and their variations. 100% double, which is heretofore unheard of. We guarantee to supply only originator's stock. 150 Seeds, 75c.

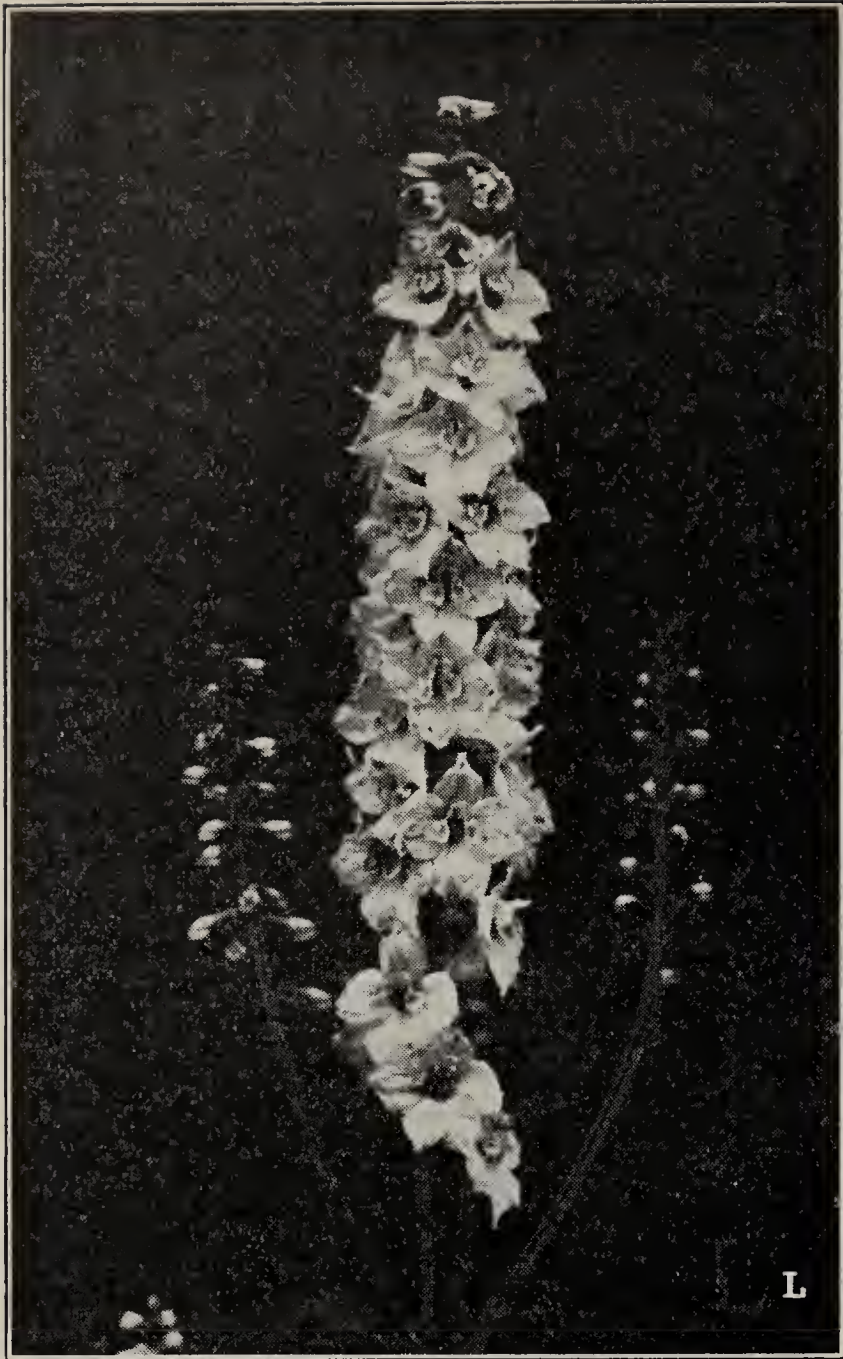


LINARIA □

Selected as "All-American" for 1934, Maroccana Hybrids Mixed resemble miniature Snapdragon, and are found in distinct colors such as rose, yellow, pink, lavender, carmine, red, violet, salmon, and white. Easy to grow, and blooms in 6 weeks. A native of the North Temperate Zone. 1½ feet.

Packet, 10c.

LANDRETHS' NOVELTIES



★ DELPHINIUM "Iceberg" White ○

The first White Delphinium of the Elatum type to come true from seed. An outstanding novelty. Packet, 35c.



LARKSPUR

Imperial "Blue Bell" □

Granted Special Mention, and named as "All-American" for 1934, this Base-Branching type with flowers of clear, light blue is introduced for the first time this year, the color having been previously missing from the Imperial Class. Originator's stock only.

Packet, 10c.

VENIDIUM □

Fatuosum—2-3 feet. Daisy-like flowers 4-5 inches across, of a brilliant orange with center zone of purple-black. Sow in March or April in a sunny position. Foliage silky gray. Grows wild in South Africa.

½ Oz., \$1.25; Packet, 25c.

Also of particular interest (see descriptions under regular headings):
Marigold, Guinea Gold
★Tithonia Speciosa



FLOWERS FOR SPECIAL USES

We have many varieties which, for lack of space, are not listed — ask for what you don't see.

For Cut Flowers

Anchusa
Arctotis
Asters
Calendula
Calliopsis
Coreopsis
Candytuft
Carnation
Centaurea
Chrysanthemum
Clarkia
Columbine
Cosmos
Dahlia
Delphinium
Didiscus
Evening Primrose
Gaillardia
Godetia
Gypsophila
Helichrysum
Lupine
Marigold
Nasturtium
Nigella
Penstemon
Poppy (Orientale or Iceland)
Salpiglossis
Scabiosa
Schizanthus
Shasta Daisy
Sweet Peas
Zinnia

For Fragrance

Alyssum
Candytuft
Carnation
Centaurea, imperialis
Heliotrope
Mignonette
Nicotiana
Nepeta
Petunia
Scabiosa
Stock
Sweet Peas
Sweet Rocket
Sweet William
Wallflower

For Semi-Shade

Anchusa, italica
Balsam
Bellis, perennis
Campanula
Centaurea, cyanus
Clarkia
Columbine
Godetia
Lupine
Mignonette
Myosotis
Pansy
Sweet William

For Winter Bouquets

Celosia
Gomphrena
Helichrysum
Physalis

For Withstanding Drought

Achillea
Ageratum
Alyssum, procumbens
Arctotis
Bartonia
Brachycome
Browallia
Calliopsis
Coreopsis
Cynoglossum
Cosmos
Four o'Clock
Hollyhock
Kudzu Vine
Petunia
Phlox
Portulaca
Sunflower
Tithonia
Verbena
Vinca
Zinnia

For Early Bloom

Alyssum, saxatile
Arabis
Bellis, perennis
Calendula
Columbine
Coreopsis
Delphinium
Digitalis
Gaillardia
Pansy
Sweet William
Viola, cornuta

For Midsummer Bloom

Achillea
Ageratum
Brachycome
Calliopsis
Coreopsis
Eschscholtzia
Gaillardia, picta
Hollyhock
Nasturtium
Petunia
Penstemon
Phlox
Poppy (annuals)
Scabiosa (annual)
Shasta Daisy
Verbena
Vinca
Viola, cornuta
Zinnia

For Late Bloom

Alyssum, Sweet
Antirrhinum
Aster
Calendula
Celosia
Coreopsis
Cosmos
Dahlia
Gaillardia
Gomphrena
Marigold
Pansy
Salvia
Vinca
Viola, cornuta
Zinnia

For Screening and Ornament

CLIMBERS

Cardinal Climber
Coboea Scandens
Cypress Vine
Gourds, Ornamental
Kudzu Vine
Morning Glory
Moonflower
Scarlet Runner Bean
Sweet Peas
Thunbergia

For Rock Gardens

ANNUALS

Ageratum, Blue Ball
Alyssum, all varieties
Brachycome
Cynoglossum
Eschscholtzia
Phlox
Petunia
Portulaca
Schizanthus
Thunbergia
Verbena

PERENNIALS

Achillea
Alyssum, saxatile
Arabis
Aquilegia
Bellis, perennis
Candytuft, Perennial
Delphinium, chinensis
Dianthus, plumarius
Evening Primrose
Linum
Poppy, Iceland
Wallflower, Siberian

For Foliage Effects

Euphorbia, variegata
Kochia
Ricinus

For Backgrounds and Borders

(Tall 3 ft. or over)

ANNUALS

Antirrhinum Maximum
Celosia, plumosa
Cosmos
Castor Bean
Sunflower
Tithonia

PERENNIALS

Anchusa, italica
Campanula
Dahlia
Delphinium
Digitalis
Hollyhock
Lupine

(Medium Tall 20 in. to 3 ft.)

ANNUALS

Antirrhinum Majus
Arctotis
Asters
Calliopsis
Canna
Celosia
Chrysanthemum
Centaurea
Clarkia
Cynoglossum
Didiscus
Four o'Clock
Godetia
Gypsophila
Helichrysum
Kochia
Larkspur
Marigold, Tall
Nicotiana
Petunia
Poppy
Salpiglossis
Salvia
Scabiosa
Zinnia, Tall

PERENNIALS

Columbine
Delphinium
Linum
Physalis
Poppy, orientale
Scabiosa, caucasica
Salvia farinacea
Sweet Rocket

For House Plants

Browallia
Celosia, cristata dwf.
Geranium
Lantana
Stock

For Bedding and Borders

(Semi-dwarf, 10 to 20 in.)

ANNUALS

Ageratum
Antirrhinum, Semi-dwarf
Balsam
Bartonia
Brachycome
Browallia
Calendula
Carnation
Candytuft
Dianthus, Pinks
Eschscholtzia
Evening Primrose
Gaillardia picta
Godetia, Dwarf
Nasturtium, Dwarf
Nigella
Petunia
Phlox
Poppy, Shirley
Schizanthus
Stock
Vinca
Wallflower
Zinnia, Lilliput

PERENNIALS

Linum
Nepeta
Physalis
Poppy, Iceland
Sweet Rocket

For Edgings

(10 inches or less)

ANNUALS

Alyssum, Benthami
Marigold, Dwarf
Nemesia
Pansy
Portulaca
Verbena

PERENNIALS

Alyssum, saxatile
Arabis
Bellis, perennis
Perennial Candytuft

For Window Boxes

Ageratum
Antirrhinum
Geranium
Heliotrope
Lantana
Morning Glory
Nasturtium
Petunia, Balcony
Phlox
Thunbergia
Verbena

EIGHTEENTH NINETEENTH AND TWENTIETH CENTURIES

LANDRETHS' VEGETABLE SEEDS

SPECIAL NOTICE—The D. Landreth Seed Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of seeds (Bulbs or Plants) it sells and will not be responsible for the crop. All sales subject to loss or damage by fire or other contingencies beyond our control.

ASPARAGUS (SEED AND ROOTS)

Sow seed in temporary location and let stand for two years; Eight Ounces will plant 100 Yards of Row; or Fifteen Pounds per Acre. Set 5000 two-year-old Roots to the Acre.

Asparagus requires about 5000 roots to the acre. If plants are purchased, be sure and get large two-year-old roots. Do not waste time or money on small one-year-old roots.

Set them in trenches about 12 to 16 inches deep; rows 4 to 5 feet apart, at your discretion; put in manure with two inches of earth on top of the manure, so that it will not burn the plants in any way. Then set the plants 18 inches apart in the row and cover them with about 3 inches of earth, and gradually work in earth during the Summer so that by Fall the trench will be level with the ground. When well planted, fertilized, and limed, a cutting of shoots can be made about three times the second year after planting; cutting oftener than this is injurious.

If seed is planted, it will take at least three years to obtain the first cutting, and then only a small one the first year. While, if two year old roots are planted, the same result will be obtained in one full year. Asparagus beds if well cared for are good from twelve to fifteen years from first cutting.

Argenteuil Seed or Early Giant Seed

That variety so much admired by tourists visiting Paris. It is early, stems thick with purple heads, slightly pointed, scales overlapping. A continuous producer, as good here as in France.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Argenteuil Roots

By planting roots as compared with seed, the gardener saves two or three years time.

Per 100, 1.50; per 1000, 9.00.

Colossal Seed

One of the leading varieties in the American Market. Early, thick stalked, continuously sprouting.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Colossal Roots—2 year old.

Per 100, 1.50; per 1000, 9.00.

Palmetto Seed

Early prolific type. The Asparagus of the Southern Seaboard, first grown in South Carolina.

Pkt., .05; oz., .10; $\frac{1}{4}$ lb., .25; lb., .75.

Palmetto Roots—2 year old.

Per 100, 1.50; per 1000, 9.00.

Mary Washington Seed—(Is rustproof and surprisingly superior.)

Originated at the Massachusetts Experimental Station, the male plants bearing the name Washington and the two female plants Martha and Mary,



Mary Washington

these three being the parents of this variety wherever sold. It is claimed that both are highly resistant to rust or blight. The shoots are long without branching, oval in the cross-section, dark green, tight buds and rather late in maturing. It will resist hot weather without blowing out. It is unquestionably the best Asparagus ever sold; a very large producer of extraordinarily good shoots.

Pkt., .05; oz., .15; $\frac{1}{4}$ lb., .30; lb., .90.

Mary Washington Roots—2 year old.

Per 100, 1.60; per 1000, 10.00.

ARTICHOKE (FRENCH SEED)

Two Ounces of Seed Will Sow 100 Yards of Row

This plant may be grown from seed sown when the Cherry is in bloom or from suckers taken from established plants. If the seed be sown, the plants may be raised in beds and transplanted. The seedlings or sets should be planted out in rows at four feet apart and eighteen inches in the row. Success with Artichoke in the United States cannot be expected north of the Cotton Belt.

Large Green Globe—The variety which is so popular on the market today. Thousands of acres are now being grown in California. Heads green, elongated, and plants spiny. Pkt., 5c.; oz., 45c.; ¼ lb., 1.50; lb., 5.00.

BROCCOLI

One Ounce of Seed Will Sow 100 Yards of Row

A plant much resembling the Cauliflower, and like it derived from the wild Cabbage. Broccoli requires a longer season to develop than Cauliflower. It has more numerous and stiffer leaves, and the heads are smaller. The seed is best sown in Midsummer and Autumn, and the plants carried over the Winter for planting out in Spring.

St. Valentine—150 Days

Large white head resembling Cauliflower. We offer an especially fine strain of Early White Broccoli, and strongly recommend its more general culture.

Pkt., .05; oz., .45; ¼ lb., 1.50; lb., 5.00.

Italian or Early Green Calabrese—65 Days

This is a so-called new vegetable introduced into the United States in the last few years, but has been well known in Italy for generations. The Italian population in the United States has taken to it very freely, as have all users of vegetables. It should be sown very early in the Spring and marketed in July and August. This vegetable bears a succession of deep green heads, about 5 inches long.

Pkt., .05; oz., .40; ¼ lb., 1.35; lb., 4.50.

BRUSSELS SPROUTS

One Ounce of Seed Will Sow 100 Yards of Row

A variety of the Cabbage family, possessing the peculiarity of bearing upon its stem or stalk from 50 to 100 buds resembling miniature Cabbage heads. The leaves composing these heads resemble Savoy Cabbage in their crumpled texture and also in their color. The heads or buds, from 1 to 2 inches in diameter, form one of the most delicious garden vegetables, only equaled by the Cauliflower.

Long Island Improved—90 Days

A leading variety of one of the most popular winter vegetables. Very choice tall stalks, 50 to 100 large buds, one inch in diameter. The development of the buds can be hastened and enlarged by cutting away ten or more leaves from the stalk when three-quarters grown. Pkt., .05; oz., .30; ¼ lb., .95.



Calabrese Broccoli

Health Value of Fresh Picked Brussels Sprouts

Minerals

Calcium.....	.027%
Magnesium.....	.040%
Potassium.....	.375%
Chlorine.....	.040%
Sulphur.....	.194%
Iron.....	.0011%
Sodium.....	.004%

BUSH BEANS

Average Height of Vine, 15 Inches 1 Qt. Will Plant 100 Yards; 80 Lbs. per Acre

The Garden Bean was probably first cultivated in Western Asia and was known in Rome about 2000 years ago

Ask for special prices on large quantities

Plant when the apple tree is in bloom, and repeat as frequently as necessary until within fifty days of frost. In field culture sow in drills at two and a half to three feet apart. In garden culture, when the cultivation is done by hand, the rows may be twenty-four inches apart. The seed should be sown in such quantity as under ordinary circumstances to warrant one Bean vine to every two or three inches. If closer than this, their production will be impaired. On strong soil they do best at a greater distance. Yield about 125 to 150 bushels of green pods for market per acre.

Why Plant Varieties with Strings? We Suggest Planting Only Stringless Types.

Beans are one of the most desirable vegetables that can be cultivated in the family garden. In our opinion there are entirely too many varieties of Bush or Snap Beans on the market and without regard to stock on hand, or to price, etc., we recommend for the family garden the following as the best varieties:

Bountiful for the best flavored, meaty, long, stringless green *flat* pod—**Landreth's Stringless Green Pod**, **Giant Stringless** and **Full Measure** for the best long, meaty, *round* stringless green pod bean—**Landreth's Extra Early Stringless Red Valentine** in place of the old style—**Pencil Pod Wax** for the best *round*, long, meaty, stringless, wax bean—**Wardwells Kidney Wax** or **Sure Crop** for the best, long, meaty, *flat* pod, stringless, wax bean.

GREEN PODS

Black Valentine or King of the Earlies—50 Days

Color of seed, black. Shape, long and slim. Vine, 16 to 17 inches tall. Pods, half round to round, slightly curved, stringy, fibrous, 6 to 6½ inches long, medium green, averaging 6 or 7 Beans. Profitable for early planting. Very hardy, productive, a most excellent shipper. 4 to 5 days earlier than Stringless Red Valentines, not as good in quality.

Black Valentine, Stringless—50 Days

Purple Blossoms. Seed, leaves and habit practically the same as the old Black Valentine. Pods are absolutely stringless, nearly straight, dark green, and same general character as the old stringy Black Valentine but is a decided improvement.

Bountiful—50 Days

Vines 16 inches high, bushy and erect. Color of seed, light yellow with brownish color about eye. Pods, large, flat, 6 to 6½ inches long containing 6 or 7 kidney shaped beans. Color of pods, light green, absolutely stringless, slightly fibrous, always tender. One of the very best for both market and private gardens. The earliest and most tender of the strictly flat stringless pods, being in a class by itself.

Dwarf Horticultural, Speckled Cranberry, or Ruby—56 Days

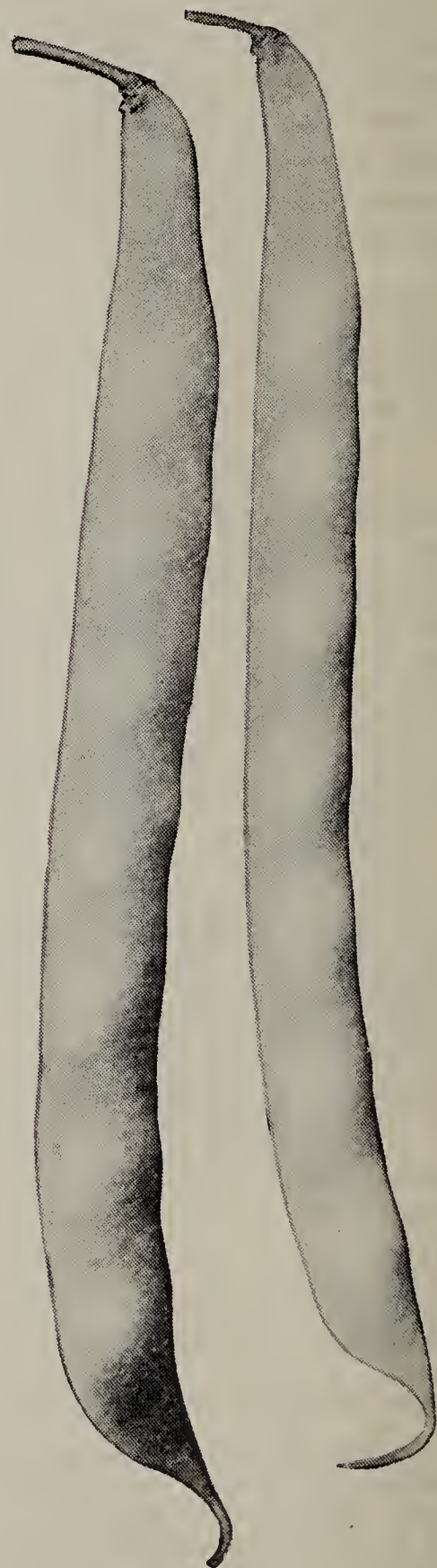
Color of seed resembles Horticultural Pole. Height of vine, 14 inches. Pods flat, almost straight, absolutely stringless, dashed with red as they ripen. About 5 inches long, averaging 5 beans to the pod.

French's Horticultural—70 Days

Later than the Dwarf Horticultural. Color of seed, cream mottled purple. Height of vine, 22 inches. Pods flat, straight to a slight curve, fibrous, stringy. Vines all show a running tendency, making a wild appearance; therefore, much more vigorous than Dwarf Horticultural, but not as productive. Pods all green until quite ripe, when they are dashed with a brilliant red or carmine. Valuable as a shell bean, averaging 6 or 7 beans to the pod. Pods 6½ to 7 inches.

Full Measure—58 Days

Seed speckled mahogany color. Height of vine, 14 to 16 inches. Average 6 beans to pod. Foliage slightly larger than Stringless Green Pods, and more of a yellowish green. Pods average 6 inches long, more curved than Stringless Green Pods, absolutely stringless, possibly more green in color. Pods round, not so large in circumference as Stringless Green Pods, nor as hardy.



Bountiful

	½ lb.	1 lb.	5 lbs.	10 lbs.
Black Valentine.....	.15	.25	1.15	2.00
Black Valentine, Stringless.....	.20	.30	1.35	2.40
Bountiful.....	.15	.25	1.15	2.00
Dwarf Horticultural.....	.15	.25	1.15	2.00
French Horticultural.....	.20	.30	1.35	2.40
Full Measure.....	.20	.30	1.35	2.40

BUSH BEANS—Green Pods—Continued

Giant Stringless Green Pod—56 Days

Color of seed, yellow. Long, cylindrical. Height of vine, 13 to 15 inches. Foliage resembles Full Measure, but is yellowish green. Not so early by 2 or 3 days as the older Stringless. Pods round, meaty, similar to Stringless but slightly straighter and narrower. A more showy pod, about 6 inches long, containing 6 or 7 beans to the pod. Very popular with Canners.

LANDRETHS' EXTRA EARLY STRINGLESS RED VALENTINE—54 Days

This is an "old bean in a new pod," as the Extra Early Red Valentine was catalogued by the Landreths first in 1832. After most diligent work for ten years in our trial grounds, we have produced a bean the same color, same shape, the same size, in all respects as the old Extra Early Red Valentine, except it is stringless and will fill a long felt want, as the Extra Early Red Valentine is one of the best known beans cultivated in the United States and considered by many growers to be of superior flavor to any other bean in the market. It is productive, round podded, curved, stringless, free from fibers, and of excellent quality. Our new stringless variety is much superior for the home garden or shipping purposes, especially for the Southern States where the old Extra Early Red Valentine has been the most popular bean. We expect our new strain to take the place of the old stringy type. It is in every way equal to the old type Red Valentine and better because it is stringless. We developed this and are the first seedsmen to sell a Stringless Red Valentine.

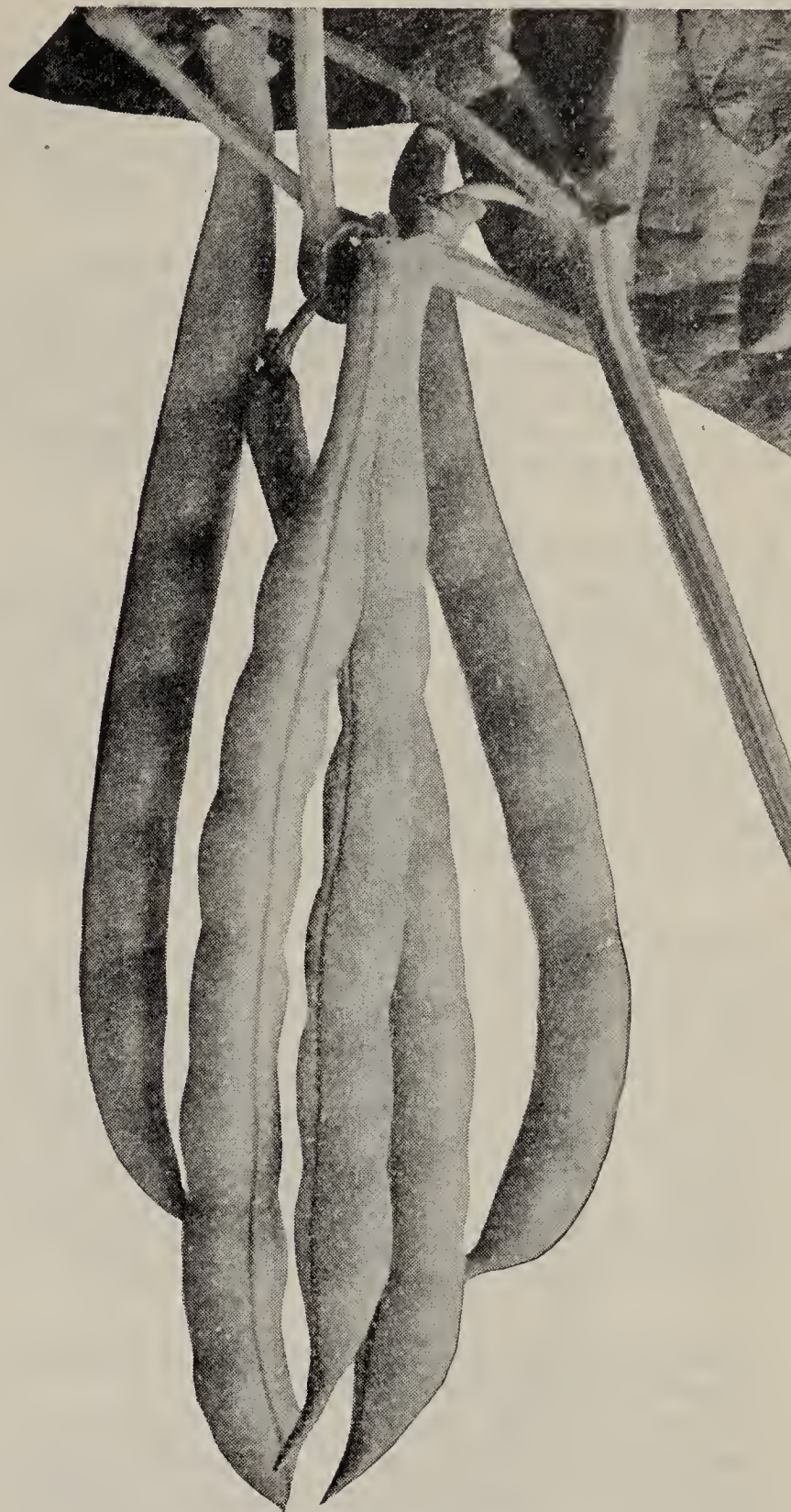
LANDRETHS' STRINGLESS GREEN POD—54 Days

This bean is from an individual plant Trial Ground selection from the Burpee's Stringless Green Pod. We made a new selection ten years ago from one individual plant and have propagated it ever since, so that our stock is the product of this plant. The color of the seed is brown, kidney shaped; vine is more erect with a darker foliage and a longer slimmer pod than the old type of Burpee's Stringless; pods and vines stay greener longer than the original type; pods six to eight inches long do not turn yellow, slightly curved, meaty, absolutely stringless and free from fibers. One of the best, if not the best, round podded bean in the market today for home garden, market gardeners, or canners. It is much superior to the Giant Stringless. The vine is 17 to 18 inches high with 7 or 8 beans in a pod.

We cannot recommend Landreth's Stringless Green Pod too highly. In sections where we have grown this bean it has produced an average of five bushels to the acre more dry beans than any other. We can say justly it is the best, most disease resistant and most productive Bean in existence today.

Longfellow or French Lead Pencil—56 Days

Color of seed, like a faded Red Valentine, same shape. Foliage, larger and 2 inches taller than Black Valentine, more uniform habit. Height of vine, 16 to 17 inches. Pods longer and rounder than Black Valentine. Medium green, superior to Black Valentine. Pods about 5 inches long, stringy, containing 6 or 7 beans. Very productive.



Landreths' Stringless Green Pod

Low's Champion or Dwarf Red Cranberry—56 Days

Height of vine, 11 to 13 inches. Foliage, dark green. Very large, almost round, crimson seed. Pods 5 inches long, flat, deep green, stringless, broad, almost straight, very tender, 5 or 6 beans to the pod. An excellent bean for canning. Also used as a Shell Bean.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Giant Stringless.....	.15	.25	1.15	2.00
Landreths' Extra Early Stringless R. Valentine...	.20	.30	1.35	2.40
Landreths' Stringless Green Pod.....	.15	.25	1.15	2.00
Longfellow.....	.15	.25	1.15	2.00
Low's Champion.....	.15	.25	1.15	2.00

BUSH BEANS—Green Pods—Continued

Masterpiece—56 Days

A bean of European origin. Popular with gardeners from the Old Country. Color of seed and shape like Bountiful. Pods resemble Long Yellow Six Weeks. Stringy when old. We cannot recommend it as highly as Bountiful, which we consider vastly superior.

New Stringless or Tendergreen—54 Days

Color of seed resembles Refugee Stringless. Height of vine, 17 inches, not quite as dark foliage as Landreths' Stringless. Pods 6 inches long, round, almost straight, meaty. 5 or 6 beans in a pod. Not as productive as Landreths' Stringless. Resembles Full Measure, but hardier and more dependable.

Red Valentine Extra Early—54 Days

Color of seed, red mottled. Foliage, resembling Black Valentine, of a yellowish green. Height of vine, 14 to 15 inches. Pods, 4½ inches long, almost round, curved, cylindrical with a crease in back, light green, semi-transparent, and stringy, averaging 5 or 6 beans in a pod. One of the old standbys of good flavor, still very popular for family and market gardeners. Although stringy it is tender, fleshy, of good quality and appearance, a long keeper.

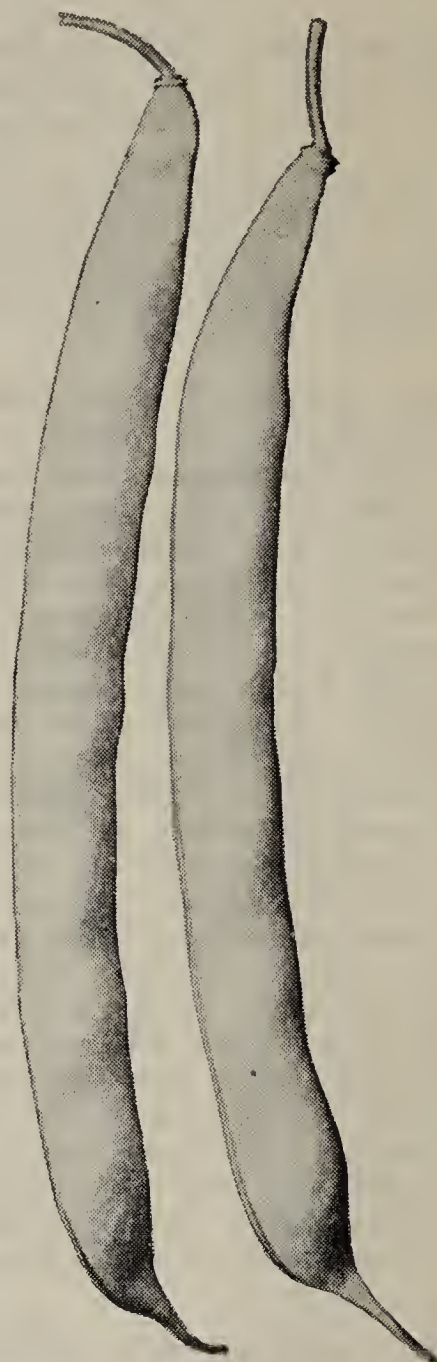
Refugee Stringless—74 Days

For years the trade has been looking for a Stringless Bean having the many excellent qualities of Late Refugee or 1000 to 1. We now offer such a variety in our unsurpassed stock of Stringless Refugee. Absolutely stringless, fully as hardy and productive as the old Late Refugee and retaining all the good qualities of that sort. Vine 15 to 18 inches tall. Pods, 5½ inches long, round, meaty, slightly curved and containing 5 or 6 beans which are the same color as Late Refugee. Very popular with canners.

Tennessee Green Pod, Brown Bunch or Dwarf Kentucky Wonder—52 Days

Color of seed, a flat yellowish brown. Height of vine, 12 to 14 inches. Dark green. Inclined to sprawl considerably. Pods stringy, flat, broad, productive, almost straight, about 8 to 9 and sometimes 11 inches long, wrinkled and slightly depressed between each of the 7 or 8 seeds in the pod.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Green Pods				
Masterpiece.....	.20	.30	1.35	2.40
Tendergreen.....	.20	.30	1.35	2.40
Red Valentine.....	.15	.25	1.15	2.00
Refugee Stringless.....	.15	.25	1.15	2.00
Tennessee Green Pod.....	.20	.30	1.35	2.40
Grocery Beans				
Navy.....	.15	.25	1.15	2.00
Red Kidney.....	.15	.25	1.15	2.00
White Marrow.....	.15	.25	1.15	2.00
White Kidney.....	.15	.25	1.15	2.00



Landreths' Delicious Wax

GROCERY BEANS

(Used only as dry beans for stewing or baking)

Navy or Boston Pea—60 Days

The bean which next to the "Sacred" Codfish made Boston famous. A little more dwarf than the Marrow in habit. Pods about 4 inches long, containing 5 to 7 small almost round white beans. Productive, 30 to 35 bushels to an acre being commonly raised.

Red Kidney—60 Days

Height of vine, 20 to 22 inches. Length of pod 6 to 7 inches, containing 5 or 6 red kidney shaped beans to every pod. Pods flat, broad, stringy, straight, with very little meat. Only used in dry state.

White Marrow or Cranberry—60 Days

Height of vines, about 18 inches. Two days earlier than White Kidney. Vines coarse and rank in growth with a tendency to run. Pods stringy, flat, straight, 6 inches long. Average 5 or 6 almost round, white beans in a pod. Used for baking.

White Kidney—62 Days

Height of vines, about 21 inches. Very dense foliage. Pods 6 inches long, flat, almost straight, and stringy. Seed white, kidney shaped. Good only as a soup bean.

BUSH BEANS—Continued—Wax or Golden Podded

Currie's Rustproof Wax—50 Days

Height of vine, 15 inches. Color of seed, purplish black. Pods, similar in shape to Golden Wax, only longer. Pods, light yellow, stringy, flat, almost straight, about 6 inches long, containing an average of 4 to 5 beans in a pod. A great favorite with truckers in New Jersey on account of its earliness.

Davis Kidney Wax—52 Days

Height of vine, 15 to 16 inches. Beans, large, white, kidney shaped. Length of pod, about 6 to 7 inches, containing 5 or 6 beans. Pods, handsome, long, flat, almost straight, stringy, light yellow. Productive and attractive when young, but as it grows older, it becomes very stringy and tough.

Davis Kidney Wax Stringless—52 Days

This is a recent introduction. It is the same as the old style Davis Wax. Has all its good qualities and in addition, is positively stringless.

Hodson Wax or Golden Queen—70 Days

Seed, long, uniform in shape. Color of seed, purplish red splashed with buff. Height of vine, 20 to 22 inches. Purple blossoms. Very late, of sprawling habit. Foliage somewhat resembles Late Refugee. Pods, about 7 inches long, slightly curved, creamy white, containing 6 or 7 beans. Largest and most handsome of all Wax Beans. A striking exhibition variety but of poor quality, being stringy, tough and suitable for snaps only when very young.

Improved Rustproof Golden Wax—50 Days

Height of vine, 12 to 14 inches. Pods, 4 to 4½ inches long, almost straight, flat, broad, absolutely stringless, meaty and fiberless, containing 4 or 5 beans in a pod. Pods, deep yellow. Seed, medium sized, oval, two-thirds of the surface being white, covered with shades of purplish red around the eyes.

LANDRETHS' DELICIOUS WAX—54 Days

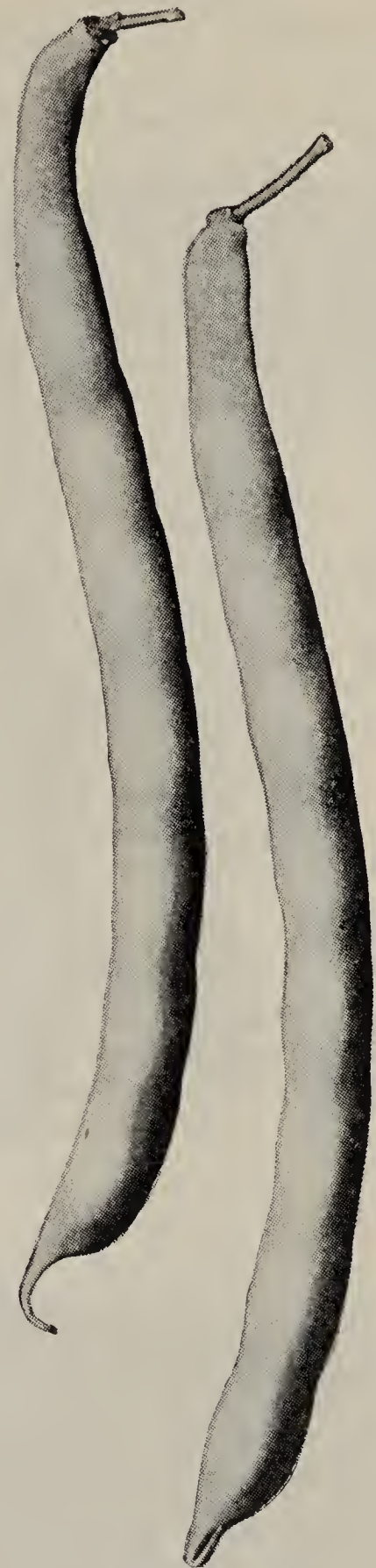
This is a splendid, very productive, round podded, meaty, fiberless Wax Bean, with extremely healthy vines. This Stock was selected very carefully from Stringless Green Pod in our Trial Ground at Filer, Idaho. It is the same in every respect as the Stringless Green Pod except that the Pod is a Wax instead of a Green Pod. This bean should supersede the Improved Golden Wax as it is a much better quality. The pods are round, about 5 inches long, and resemble Stringless Green Pod, except they are slightly shorter and yellow. The dry Seed being identical in appearance to the Stringless Green Pod. This bean is absolutely stringless.

New Kidney Wax—52 Days

This new bean is, we believe, one of the best introduced in recent years, because, while the seed resembles Round Pod Kidney Wax, it is white in color making it desirable for canning. The semi-round straight stringless pods are 6 to 7 inches long, very broad and of good thickness. The vine is hardy and very productive.

Pencil Pod Black Wax—54 Days

Color of seed, black, long cylindrical. Height of vine, 16 to 18 inches. Pods, round, 6 to 7 inches long, absolutely stringless and very meaty. Fiberless and of the finest quality. This bean is without doubt the best round podded wax bean in the market and no one should be without it in his garden. The pods are very handsome, long, of a bright yellow color and extremely tender. This bean cannot be recommended too highly as a round podded wax.



(Pencil Pod Wax

	½ lb.	1 lb.	5 lbs.	10 lbs.
Currie's Rustproof . . . . .	.15	.25	1.15	2.00
Davis Kidney . . . . .	.15	.25	1.15	2.00
Davis Kidney Wax Stringless . . . . .	.20	.35	1.55	2.80
Hodson Wax . . . . .	.15	.25	1.15	2.00
Improved Rustproof Golden Wax . . . . .	.15	.25	1.15	2.00
Landreth's Delicious Wax . . . . .	.15	.25	1.15	2.00
New Kidney Wax . . . . .	.15	.25	1.15	2.00
Pencil Pod Black Wax . . . . .	.15	.25	1.15	2.00

BUSH BEANS—Wax or Golden Podded—Continued

Round Podded Kidney Wax or Brittle Wax—56 Days

Color of bean, white with black eye. Pods, round, slightly curved, very handsome appearance, extremely brittle, and 5 to 6 inches long, containing 6 or 7 beans. Light yellow, absolutely stringless and very meaty and fiberless. A great favorite in certain sections of Pennsylvania. Strong growing vine with broad large rough leaves. Quality of the best. However, we do not consider it as good a bean as our strain of Pencil Pod Black Wax. A shy producer of seed.

Sure Crop Wax—58 Days

Color of seed purplish black, resembling Currie's Rustproof. Height of vine, 16 to 18 inches. Pods about 6 inches long, containing 6 to 7 beans. Pods golden yellow, flat, not as wide as Golden Wax but longer and absolutely stringless, with little fiber. We believe this bean should take the place of Curries Rustproof because it is stringless, which makes it a superior variety although it is about 6 days later. Sometimes called Bountiful Wax.

Unrivalled Wax—50 Days

Color of seed resembles Bountiful only smaller. Pods semi-round, stringless, deep yellow, narrow, brittle. Longer and lighter in color than Golden Wax. 5 inches long. As early as Golden Wax.

Wardwells Kidney Wax—56 Days

Color of seed, white with purplish eyes and kidney shaped. Pods, brittle and of fine texture, about 6 inches long, flat, meaty, absolutely stringless, almost straight, containing 5 or 6 beans in the average pod. Color of pods, golden yellow and very handsome. We believe this to be the best flat pod, Wax Bean in the market, and it cannot be recommended too highly. A very shy seed producer.

Weber Wax or Crackerjack—48 Days

Height of vine, 14 to 15 inches. Pods average about 6 inches long, containing 5 or 6 beans. Very much resembles Curries Rustproof. Absolutely stringless when young. Pods, flat, long, but not as broad as Curries. Seed, yellow with white eye, kidney shaped. Vines, very hardy. A very early, very productive good wax bean, highly recommended to Market Gardeners.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Round Podded Kidney Wax	.20	.30	1.35	2.40
Sure Crop Wax.....	.20	.30	1.35	2.40
Unrivalled Wax.....	.20	.30	1.35	2.40
Wardwells Kidney Wax.....	.15	.25	1.15	2.00
Weber Wax.....	.15	.25	1.15	2.00



Five Hundred separate field trials of beans are tested each year at Bloomsdale Farm, our Eastern Experimental Grounds. Additional trials and breeding are conducted by us in the West.

POLE or RUNNING BEANS—NOT LIMAS

Ask for Special Prices on Large Quantities.

12 Qts. to Acre; 3 Lbs. to 100 Poles. Set Poles 4 x 3 Feet.

Creaseback White or Cornfield—70 Days

Color of seed, white. Shape, long and narrow. Pods, which are 5½ to 6 inches long, contain 8 or 9 beans, and are borne in clusters of 3 to 8. Early producers, round, meaty, stringless pods when young. For table use, better than the Green Kentucky Wonders, but not as early. Extremely productive.

Golden Cluster Wax—75 Days

This is one of the best early Wax Pod Pole Beans on the market. Foliage strong, vigorous, with large light yellowish green crumpled leaves. Pods green when young, turning to golden as they mature, stringy, flat, broad, golden, meaty, 6 to 8 inches long, borne in clusters, 6 to 7 flattish dull white beans in a pod.

Horticultural Pole, London or Speckled Cranberry—72 Days

Sold years ago by this House under the name of Wren's Egg. Color of bean, flesh colored splashed or spotted with red. Pods after they pass marketable condition show a brilliant carmine and are very attractive. Pods, 5½ to 6 inches long, 6 or 7 beans, slightly curved, flat to oval, stringy. Also used as a shell bean.

Kentucky Wonder Green Pod or Old Homestead—68 Days

Sometimes called Texas Prolific. An excellent climber, producing a long, round, twisted, light green, meaty pod of good quality. Early and prolific, tender, solid and stringless when ready for the table, afterwards it becomes stringy. Very hard to equal in a green podded bean. Pods, 7 to 8 inches long, sometimes longer, borne in clusters, containing 9 or 10 yellowish brown kidney beans in a pod. The most used round snap-podded pole bean. Very popular everywhere.

Kentucky Wonder Wax Pod—66 Days

Color of seed, dark brown, flattened, shrivelled, usually looks old. Pods, long, round, stringless when young, thicker, broader than Green Kentucky Wonder, not so long and not so productive, more showy. Beans closely set in pods. Pods curved, light golden or lemon in color, 6½ to 7 inches long.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Creaseback White	.20	.30	1.35	2.40
Golden Cluster Wax	.20	.35	1.55	2.80
Horticultural Pole	.20	.30	1.35	2.40
Kentucky Wonder Green	.20	.30	1.35	2.40
Kentucky Wonder Wax	.20	.35	1.55	2.80
Kentucky Wonder White	.20	.35	1.55	2.80
Landreths' Tennessee				
Wonder	.20	.35	1.55	2.80
Lazy Wife	.20	.30	1.35	2.40



Kentucky Wonder

Kentucky Wonder White Seeded or Burgess Stringless—66 Days

Seed pure white, a continuous bearer and almost rustproof. Pods round, sickle shaped, stringless, inferior to the Kentucky Wonder Green Pod, being less productive and smaller, dark green foliage. Pods, round, green, 5½ to 6 inches long, containing 7 or 8 beans.

LANDRETHS' TENNESSEE WONDER—69 Days

Dried seeds, large, flattish, and oval, incurved at eye. Color generally gray, but marked with many black irregular stripes. The Department of Agriculture Bulletin 100 states that the "Tennessee Wonder is the largest and handsomest of all cultivated beans." The pods are 8 to 9 inches long, round light green, tinged with purple. Curved, round to double barrelled in shape. Wrinkled and depressed between each of the 8 or 9 seeds in the pod.

Lazy Wife—74 Days

Seed, attractive, glossy white, round. Pods green, borne in clusters, flat and broad, 5½ inches long, containing 6 or 7 beans in a pod. Small foliage, a good, late, productive, stringless pole bean.

POLE or RUNNING BEANS—Continued

McCaslan Pole—67 Days

A prolific, early maturing, green podded, pole variety, of excellent quality. Pods are rather flat and slightly curved, 7 to 8 inches long, thick flat dark green, meaty and quite stringless. The shell Beans are a flattish pure white.

Nancy Davis, Striped Creaseback or Scotia—73 Days

Seed Kidney shaped, mottled putty color with dark stripes. Blossoms bright crimson with silver gray hood. Pods green, round, full, creaseback, slightly curved, dashed with purple as the pods mature, 5 to 5½ inches long, containing 8 or 9 beans. A good semi-stringless variety. The best variety for planting to Corn. A good climber and productive.

Red Speckled Oval Cut Short—74 Days

Pods 3½ inches long, small dark green, flat, stringy. A favorite in the South for planting to Corn, as it is a good climber. Seeds, gray splashed with crimson and distinct in form.

Scarlet Runner—64 Days

A half round, stringy, broad pod, valuable as a shell bean or for ornamental purposes. Not a good runner in the Southern states, color of blossoms scarlet, used for food as well as for ornamental purposes. Pods average 5½ to 6 inches long, containing 3 or 4 beans in a pod. A great favorite in the New England states.

White Dutch or Caseknife—68 Days

Color of beans white, somewhat resembling in shape a small Lima. Used either as a snap-short when very young, or shelled as a Lima when more fully developed, or for soaking when dry. Pods long, flat, undulated, broad, stringy, very little meat. principally good for shelling. Color of pods green,

	½ lb.	1 lb.	5 lbs.	10 lbs.
McCaslan Pole.....	.20	.30	1.35	2.40
Nancy Davis.....	.20	.30	1.35	2.40
Red Speckled Oval Cut Short	.20	.30	1.35	2.40
Scarlet Runner.....	.25	.40	1.80	3.20
White Dutch or Caseknife..	.20	.35	1.55	2.80

Two Pounds Will Plant 100 Yards

POLE LIMAS

Sixty Pounds Will Plant an Acre

THE FLAVOR OF ALL THE POLE LIMAS IS SUPERIOR TO BUSH LIMAS

Probably Originally a Native of Peru or Brazil

	½ lb.	1 lb.	5 lbs.	10 lbs.
Carolina.....	.20	.30	1.35	2.40
Challenger.....	.25	.40	1.80	3.20
King of Garden.....	.20	.35	1.55	2.80
Large Early Jersey Lima.....	.20	.35	1.55	2.80
Landreths' Large Green Seeded.....	.20	.35	1.55	2.80

Carolina or Sewee—80 Days

A small early variety of Limas, much more used in the South than elsewhere, as a Butter Bean, more vigorous in growth and more prolific than the ordinary Jersey Limas. Very small foliage, short pointed leaves, more metallic green than the ordinary Lima. Pods, about 3 inches long, borne in clusters, averaging 3 or 4 small white beans. Similar to Dwarf Sewee.

Challenger, Dreer's, or Fordhook Pole—89 Days

Beans very full or plump, larger foliage than Landreths' Early Prolific Lima, pods not so long as the King of the Garden by 1½ inches, but as broad; not so early as the King of Garden, the original parent of the Fordhook Bush Lima, very meaty and good flavor. Potato lima type. Pods about 4 inches long, containing about 3 or 4 beans which are not as plump as the Fordhook Bush Lima.

King of the Garden—84 Days

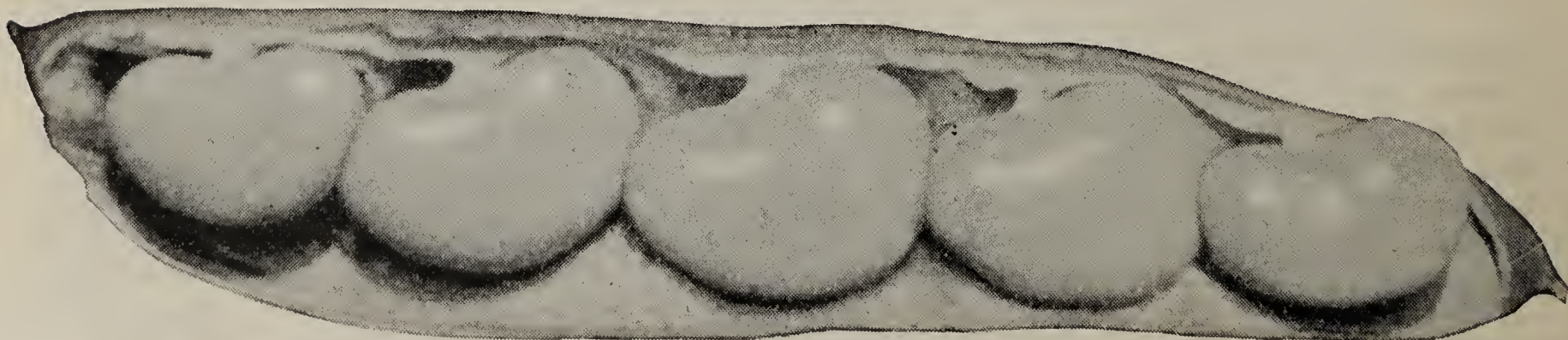
One of the best and most productive Pole Limas, large leaved, good climber. Vine of a branching habit, pods about 4½ to 5½ inches long, dark, large and containing about 3 or 4 beans to the pod. Seed flat, and white with a slight green tinge.

Large Early Jersey—84 Days

One of the old standbys of the Lima type. Pods average 4 to 4½ inches long. Contain 3 beans each. Seed identical to the King of the Garden.

LANDRETHS' LARGE GREEN SEEDED—84 Days

Seed of a decided green tinge, that is, not bleached ivory-white. This green seeded selection is similar to the Jersey Lima of years ago which has never been excelled. The best form of Jersey Limas on the market today for both private and market gardeners, unsurpassed in flavor, of superior quality, averaging 4 or 5 beans to the pod, which is 4½ to 5½ inches long.



Landreths' Large Green Seeded Lima

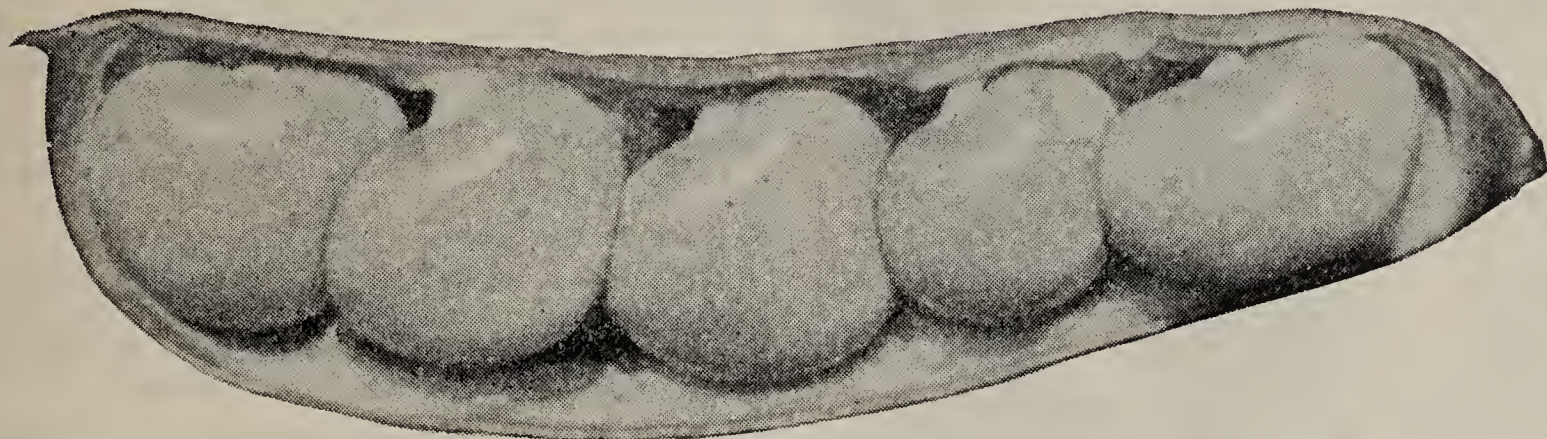
Ten days earlier than Pole Limas.

DWARF or BUSH LIMA BEANS

Average height of vine, 14 to 20 inches

Two pounds will plant 100 yards of row or 60 pounds to an acre

No one should be without one of the following varieties of Dwarf Limas in his garden. We cannot recommend them too highly. They are two weeks earlier than the Pole Limas and much easier to raise as no poles or strings are required. Their flavor, however, is not as appetizing as the old-fashioned Pole Lima. Plant in drills 30 to 36 inches apart, dropping the beans 4 to 5 inches apart. If too thick, they will not do well. Do not plant in cold ground as they are liable to rot. If possible plant Lima Beans with eyes down. Deeply rooted plants continue to grow after others stop.



Fordhook Bush Limas

Burpee's Bush Lima—77 Days

Seed more nearly resembling the old Jersey Pole Lima than any other, but a trifle smaller. Flat, usually having the appearance of a cut on both sides of the eye. This is a lima bean borne in full-sized pods on plants of a dwarf habit. The pods average 4 to 5 inches long and contain an average of 2 or 3 beans, although some pods contain 4 beans—maturing for the table about 10 days earlier than the earliest Pole Lima. Vines not averaging over 20 inches high. Not so tasty as the Pole Lima.



Burpee's Bush Limas

Fordhook Bush Lima—76 Days

Seed large, oval, white with a green tinge, very plump like the Challenger Pole Lima. Potato lima type. Foliage dark green, bush habit, erect. Average height, 16 to 20 inches, according to soil, quite bushy, branching freely. Pods 3 to 4 inches long, borne in clusters, averaging 3 or 4 thick-seeded beans. The most popular of all Bush Limas, both with family and market gardeners in all localities.

Henderson's Dwarf Lima; Dwarf Sewee or Dwarf Carolina—72 Days

Seed, small, flat, white with a tinge of yellow. Height of vine, about 14 inches, compact. Leaves, small and pointed, more of a metallic dark green than any other Bush Lima, a dwarf form of the Carolina or Pole Sewee from which it was originated. Early and very productive. Pods average 2½ to 3 inches in length and contain 3 or 4 small beans. They are of fine quality for so early a bean. Sold years ago by us as Dwarf Carolina. Very popular with Commercial Cannery who put up millions of cans of them for winter use. Commercially known as Baby Lima. Used extensively as a shell bean.

Improved Bush Lima—76 Days

Height of vine, 16 to 20 inches. Seed thick, but not as thick as Fordhook. White tinged with green. Very broad, dark foliage. Sturdy and 10 days earlier than any large-podded pole lima. Pods, 4 to 5 inches long, medium green and averaging 3 or 4 rather flat beans to the pod. Very productive.

Jackson Wonder or Florida Butter—72 Days

This is exactly the same in size of seed, character and growth of vine, as the Henderson Bush Lima. The only difference is in the mottled brownish color of the seed.

	½ lb.	1 lb.	5 lbs.	10 lbs
Burpee's Bush.....	.20	.35	1.55	2.80
Fordhook Bush.....	.25	.40	1.80	3.20
Henderson's Dwarf Lima...	.20	.30	1.35	2.40
Improved Bush.....	.20	.35	1.55	2.80
Jackson Wonder.....	.20	.35	1.55	2.80

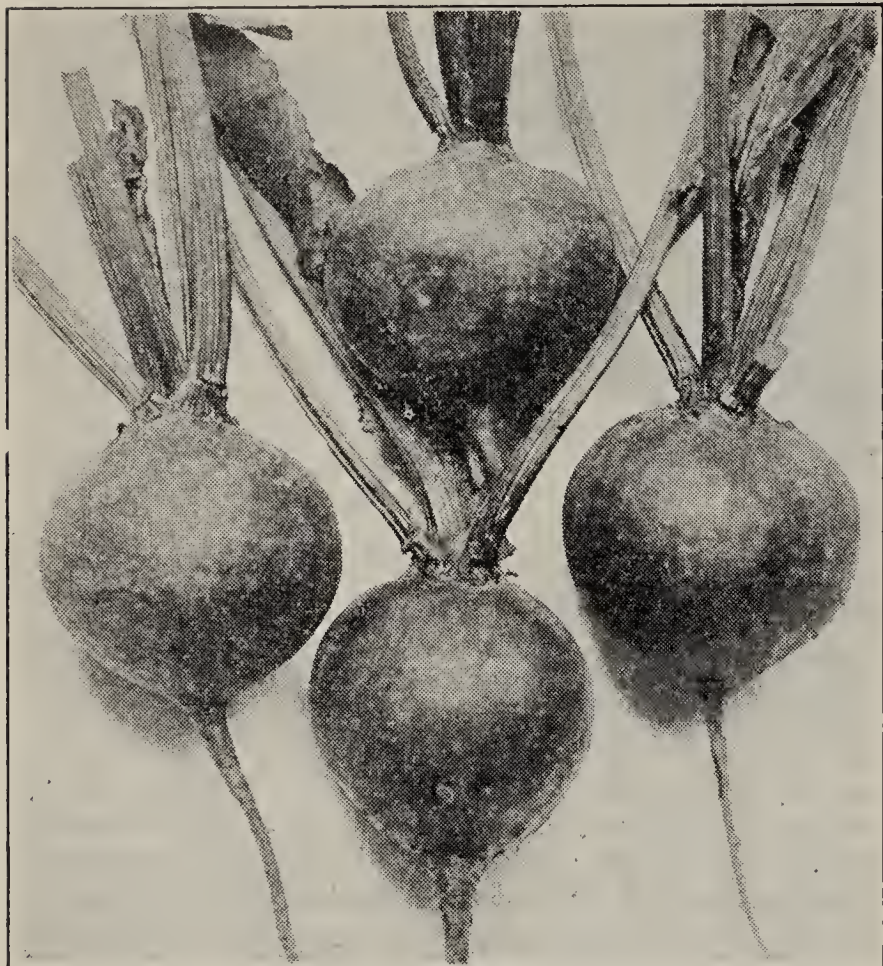
Ready for Table Use 45 to 55 Days
After Sprouts Appear Above Ground

BEETS

Three Ounces of Seed Will Sow 100
Yards of Row. Twelve pounds per Acre

Native of Europe, North Africa and Western Asia

Beets are a great acquisition to the family garden, but should be pulled young, before they age. They should be sown early in the Spring, as soon as the ground is tillable for a summer garden, and in July or August for the Winter garden, to enable them to get sufficiently large to be in first-class condition to pit for Winter use. Beets if sown too early in the season grow too tough to be carried over the Winter.



Landreth's Best

Early Wonder—55 Days

This is one of the earliest of the small table beets for outside culture. It has small leaves, is flat to globe in shape. Bright red skin. Vermilion red flesh with distinct zones of a lighter red. It is of excellent quality, being sweet, tender and free from fibrous roots. It is a Select Improved Crosby.

Eclipse Extra Early—55 Days

Bulbs globed, early as name indicates, small tops. Roots smooth, round, inclined to be top-shaped. Leaves light green, broad with broad orange midrib. An excellent beet for the family garden.

Egyptian Extra Early—48 Days

The roots of this Beet develop quicker than any other Table Beet. Bulbs half globular or flat. Roots very smooth and dark red. Flesh of a purplish red. Small tops.

	Pkt.	Oz.	¼ lb.	Lb.
Bassano.....	.05	.15	.30	1.00
Crimson Globe.....	.05	.15	.30	1.00
Crosby Egyptian.....	.05	.15	.30	1.00
Detroit Red.....	.05	.15	.35	1.10
Early Wonder.....	.05	.15	.30	1.00
Eclipse Ex. Ey.....	.05	.15	.30	1.00
Egyptian Ex. Ey.....	.05	.15	.30	1.00

Bassano—50 Days

A strong growing, almost solid green foliage, very early variety. Considered by many to be the most sugary of all table beets grown. Green topped, with a white midrib to leaves. Outside skin often pink. Flesh light pink, almost white; when cut shows very large white zones.

Crimson Globe—65 Days

A very popular beet on account of its excellent color and shape. Deep globular in shape with little crown and a clean cut, small tap root. Skin and flesh of a dark red color with zones.

Crosby Improved Egyptian—55 Days

A very choice form of the Early Egyptian. Shape, however, much more of a globe. Bulbs when cut are raw beef color. Sweet, tender, of excellent quality. A great favorite with market gardeners. Leaves purple mixed with green. Purple midrib. Bulbs free from fibrous roots.

Detroit Dark Red—55 Days

Of great celebrity, because of its merit. Form oval, flesh dark blood with indistinct zones of slightly lighter color. Skin smooth with small tap roots. A favorite beet with all private and market gardeners. Very extensively used by canners because of its good dark red color. The most popular table variety today.



Detroit Dark Red

BEETS—Continued

Half Long Blood or Bastian Half Long—70 Days

Fine color outside. Excellent color when cut. Tops purple and green in about equal proportion. Very desirable for a late beet and one of the best producing. A handsome, tapering, wedge-shaped root, growing well under the ground. Season much earlier in maturity than other long beets.

LANDRETHS' BEST—50 Days

About 5 days earlier than Detroit, more ball-shaped, and altogether a superior sort. Slimmer tap roots and more mouse-tailed. Roots vary from deep globe to round. Flesh deep red of excellent sugary quality. Skin smooth and free from fibers. All gardeners will find this beet of fully double the usual value if they are pulled and served on the table when so small as to be no larger than a silver half dollar. The Landreths' Best is very choice for early use, having an intensely red color and delicate texture and flavor.

LANDRETHS' EARLY BLOOD RED TURNIP—55 Days

In this particular beet you have one of the old standbys. Very hard to equal. Top-shaped, early in maturity and one of our best sellers. Very desirable in every respect. Skin deep red and very smooth. When cut it proves itself to be one of the best red Turnip Beets on the market.

Long Blood Red—80 Days

Resists drought better than any other variety of Beet. Color, deep red; flesh, very sweet; roots deeply.

	Pkt.	Oz.	¼ lb.	Lb.
Half Long Blood.....	.05	.15	.30	1.00
Landreths' Best.....	.05	.15	.40	1.25
Landreths' Early Blood.....	.05	.15	.30	1.00
Long Blood Red.....	.05	.15	.30	1.00

SUGAR BEETS

Giant Feeding Half Rose Sugar—90 Days

This beet is extremely desirable for cattle—of high nutritive value. The flesh is white, and very sugary.

Klein-Wanzleben—90 Days

Beet sugar manufacturers have united in recommending this as possessing the highest sugar producing qualities, as much as 18 tons of sugar having been made from 100 tons of root of this variety. We highly recommend it also for feeding.

	Pkt.	Oz.	¼ lb.	Lb.
Sugar Beets				
Half Rose Sugar.....	.05	.10	.20	.60
Klein-Wanzleben.....	.05	.10	.20	.60

	Pkt.	Oz.	¼ lb.	Lb.
Swiss Chard				
Large Ribbed.....	.05	.15	.30	.90
Lucullus.....	.05	.15	.30	.90

	Pkt.	Oz.	¼ lb.	Lb.
Mangel Wurzels for Cattle				
Golden Tankard.....	.05	.10	.20	.60
Mammoth Long Red.....	.05	.10	.20	.60
Yellow Globe.....	.05	.10	.20	.60



Lucullus Swiss Chard

SWISS CHARD

Large Ribbed (Dark Green)—60 Days

Greens for boiling are always acceptable. Spinach cannot always be had and often is tough and stringy. The Chard, on the other hand, is in season from early Spring to Autumn frost, and will be found a most agreeable dish. One of the best vegetables, the green foliage used like Spinach, the thick-leaved stem cooked like Celery. The roots of this plant are not good for edible purposes. The cultivation of this is the same as that of Beets.

Lucullus—60 Days

Stalks pure white and thick as Rhubarb. Foliage yellowish green and crumpled like Bloomsdale Spinach or Savoy Cabbage. Very choice. Growing in popularity every day. The tops cook like Spinach and the stems like Celery.

MANGEL WURZELS FOR CATTLE

Golden Tankard—100 Days

A rapidly maturing root adapted to shallow lands, although doing well on every soil. The root has broad shoulders, rich golden skin, solid sugary flesh and golden footstalk. The flesh is yellow zoned with white.

Mammoth Long Red—110 Days

In England, 80 tons have been grown to the acre. Everywhere the most popular variety for cattle feeding. Roots grow half above ground, very large, long, well formed, usually straight, flesh-white tinged with rose. We cannot recommend this beet too highly to dairymen.

Yellow Globe—90 Days

Roots mostly on top of the ground, 8 inches in diameter, skin golden, flesh white.

CABBAGE

Gardeners Can Rely Upon Landreths' Cabbage Seed. One Ounce Will Produce 1000 Plants
Native of the Western European Coast

Deep rooting; will resist drought, so in setting out cover to the first leaf-stems. Supply plenty of moisture and manure.

We suggest that you do not sow seed for an entire crop at one time, as plants of various ages are differently affected by circumstances, and by separate seed plantings you have a better chance to profit from at least a portion of your crop.

Wisconsin Yellow Resistant Cabbage varieties were introduced to combat the tremendous crop failures at the beginning of this century, and have proven to meet their requirements to prevent the disease commonly known as "Yellows," or sometimes called "Wilt," and have been very successful in combating this disease.



Wisconsin All Seasons

Wisconsin All Seasons—94 Days

A yellow resistant strain of All Seasons. Valuable in sections which are infested with cabbage yellows or wilt. Coarser plants than the original All Seasons. A good Winter keeper, producing large, flat, deep heads; used extensively in the manufacture of Kraut, as well as for home gardens.

Wisconsin Hollander—125 Days

A late, yellow, resistant Danish Ball Head, developed by Prof. L. R. Jones, producing larger plants than the famous Danish Ball Head. Heads are inclined to flatten slightly as they mature.

All Head Early—100 Days—Illustrated page 19.

Early, large, flat, short stem, solid head, early for its size. Few outside leaves, consequently can be planted closer together than most other large Cabbages. A very reliable sort and well named. One of the best of the intermediate varieties. It is one of those varieties which can be planted early in the spring as well as for late autumn. One of the best Cabbages on the market.

BLOOMSDALE EARLY DWARF FLAT DUTCH—100 Days

A large intermediate variety. A good keeper of the finest quality. Heads round to flat, solid, leaves rather short; head will stand without bursting. Has such qualities as the market gardener can duly appreciate.



Marion Market

Marion Market or New Resistant Copenhagen—80 Days

This is a yellow resistant strain of Copenhagen Market. Plants large, coarse, not so uniform or early by ten days as the original Copenhagen, but have solid, crisp, tender, round heads. Will produce a crop when non-resistant strains fail.

Charleston Large Wakefield, Landreths' Very Select—80 Days

Specially selected. Very choice and uniform, best of any from any source. One-third stronger grower than the Jersey Wakefield. One of the best early shipping sorts, larger but not so early as the Landreths' Selected Jersey Wakefield. Super excellent.

Charleston or Large Wakefield—80 Days

A large, flattish variation of the pointed early Jersey Wakefield. Heads are half round, later than the Jersey Wakefield by about 10 days and 40 to 50% larger. This variety is also extremely popular with market gardeners, owing to its earliness and its size.

	Pkt.	Oz.	¼ lb.	Lb.
Wisconsin All Seasons.....	.05	.30	1.00	
Wisconsin Hollander.....	.05	.30	1.00	
All Head Early.....	.05	.20	.60	2.00
Bloomdale E. D. F. Dutch	.05	.25	.70	2.25
Marion Market or New Resistant Copenhagen.....	.05	.30	1.00	
Charleston L. Wakefield Select.....	.05	.25	.70	2.25
Charleston or Large Wakefield.....	.05	.20	.60	2.00

CABBAGE—Continued

Copenhagen Market—90 Days

The plants are very vigorous, short stems, few outer leaves, producing a very hard, round head, very uniform in size and of long keeping qualities. In maturity following the Charleston Wakefield. Being larger it produces a greater tonnage per acre and is very profitable. This variety is gaining in popularity every year.

Chinese or Celery Cabbage, sometimes called Pe Tsai—70 Days

There are numerous varieties of this Cabbage on the market but we believe this is the best of them all. It resembles Cos Lettuce more than Cabbage. The leaves are very much crumpled, of light green, somewhat resembling smooth Mustard, but with broader ribs. When tied or bunched up with raffia or string the inner leaves bleach to a creamy white color. It is distinct from any American or European Cabbage. It should be sown in the Middle States after the early part of July; in the Southern States after the early part of August.

Early Flat Dutch—90 Days

This variety produces thick leaves, very dark blue in color. Succeeds admirably in Southern States on account of its ability to resist heat. It is found especially valuable to sow in cold frames in October and November and to plant out in the Spring as a succession to the smaller earlier pointed varieties.

Early Jersey Wakefield, Landreths' Very Select—70 Days

Specially selected, extra early, choice in all good qualities, earlier than Long Island Wakefield. Recommended to gardeners. Heads ovoid, broad at the base and running to a blunt point. Very solid, early. This excellent variety is the surest heading of the very early varieties and most depended upon by the market gardeners of the Southern States for heads to send North in the early Spring. A very superior selection.

Early Jersey Wakefield—70 Days

A short stemmed, hardy, early cone-shaped heading variety, broad at the bottom with a pointed peak, the leaves leathery and well folded over the top.

Glory of Enkhuizen—100 Days

A rather small but very hard heading sort set in a cluster of long, spreading leaves. Is a hardy grower and a sure header. Many market gardeners prefer this sort to all others on account of its excellent quality and its sure cropping habit.



All Head—well named, early, flat, large, reliable (Page 18)

Golden Acre—65 Days

Here we have an acquisition, for seed of this variety planted at the same time will mature 5 days earlier than Early Jersey Wakefield, besides being larger and much more showy. By actual count 96 of 100 plants produced fine heads, each of which ripened at one time; an almost unbelievable condition. It is conical round in shape, short stem and almost rests on the ground.

Stein's Early Flat Dutch—90 Days

Growing constantly in demand by the early planters of Cabbage in Texas and the South for the northern market in the Spring. This variety produces early, large, flat, solid heads. A very vigorous plant with a short stem. The true stock of seed is hard to obtain, and greatly sought. We offer an unusually excellent strain.



Landreths' Very Select Early Jersey Wakefield

	Pkt.	Oz.	¼ lb.	Lb.
Copenhagen Market.....	.05	.30	.90	3.00
Chinese or Celery.....	.05	.25	.70	2.25
Early Flat Dutch.....	.05	.20	.60	2.00
Early Jersey Wakefield Select	.05	.25	.70	2.25
Early Jersey Wakefield.....	.05	.20	.60	2.00
Glory of Enkhuizen.....	.05	.25	.70	2.25
Golden Acre.....	.05	.35	1.15	3.75
Stein's Early Flat Dutch....	.05	.20	.60	2.00

CABBAGE—Continued

Succession—110 Days

An intermediate between Early Flat Dutch and Late Flat Dutch. Slightly later than the second early sorts. Plants are vigorous with short stems; heads are large, deep and excellent quality.

Winnigstadt—100 Days

One of the old standbys, producing a medium size, long pointed or cone shaped very solid head which is closely wrapped with dark, slate colored leaves. A favorite with old gardeners as it is one of the very intermediate early sorts.

Later Varieties or Winter Sorts

BLOOMSDALE LARGE LATE FLAT DUTCH 120 Days

The original strain of this cabbage was obtained by us from Swedish gardeners who settled in Philadelphia, previous to the Revolutionary War. Ever since that time we have been continually reselecting this Cabbage and we now believe it is second to none of this type. It is late, produces large solid weighty and very uniform heads and is the best cropper obtainable for tropical or semi-tropical climates.

BLOOMSDALE LARGE LATE DRUMHEAD— 120 Days

A large heavy head, smooth-leaved, late ripening Cabbage. No strain is superior and few equal to this. Head is thick, broad, solid, flat. Leaves extend well over the center leaves of the head and fold down alternately, forming a tight, compact head. The natural habit of the seedling plant is to develop short thick stocky stems but this quality is affected by the system of growth, for if the seedlings are crowded in the bed or grown among weeds, or under the shade of a house, fence or tree, they reach upward for air and light, resulting in long, slim stalks. This bad form of the plants cannot be corrected by any subsequent culture. We cannot too highly recommend this strain of Large Late Drumhead, but be careful to plant it in a suitable location.

Danish Round Short Stem or Amagar—116 Days

This variety is considered by many the most popular ballhead, having a shorter stem, and is a little earlier. It produces a very solid, good quality, medium size round head and is very popular with the market gardeners in Cabbage growing districts of northern latitudes. The stock offered in this catalog is very hard to equal.

Penn State Danish Ball Head—120 Days

A late variety developed by Prof. C. E. Myers of Pennsylvania State College. Productive, late, uniform, attractive, hard heads, six to seven inches deep, an excellent, large yielding Winter variety, resembling Danish Ball Head but heads slightly more flattened.

Premium Large Late Flat Dutch—120 Days

A heavy, hard, smooth leaved, late ripening Cabbage. The head is thick, broad, solid, and slightly rounded on the top, though this variety is what is termed a flat head, as it tends toward flatness. The leaves extend well over the center line of the head and fold down alternately, forming a tight, compact head.



American Drumhead Savoy Cabbage

Drumhead Savoy—100 Days

The best of its class and is as palatable as a Cauliflower. One of the best Cabbages one can grow. Large size flat heads, curly or crinkled leaves. Stalk short, habit compact. We believe that no strain of Savoy Cabbage equals the one we are offering.

Red Dutch or Red Rock—100 Days

Leaves red or purple. Head medium size, round, solid, deep red color. Medium length stems, generally used for pickling.

Surehead—115 Days

This is a popular strain of the Large Late Flat Dutch type of Cabbage so largely grown for Winter. The heads are large, round, flat at the top, remarkably uniform, extra hard, firm, and of fine texture. An excellent variety and stands shipping well.

Volga or Stonehead—110 Days

A most reliable sort, a superior header, never disappointing, with broad, flat, hard, large, solid heads of excellent keeping quality. Quite distinct in color from other Cabbages, it being a silvery green, with smooth folded leaves, the color of a silver coin. Plant vigorous and unusually short stalked.

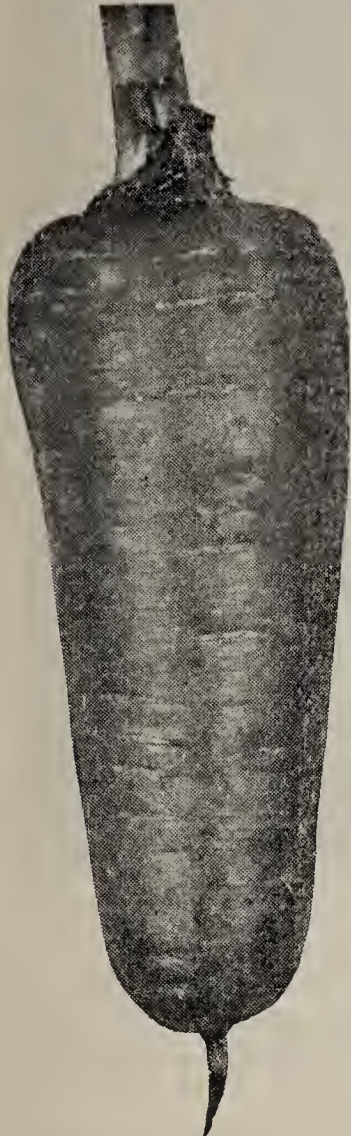
	Pkt.	Oz.	¼ lb.	Lb.
Succession . . . . .	.05	.20	.60	2.00
Winnigstadt . . . . .	.05	.20	.60	2.00
Bloomsdale L. L. F. Dutch	.05	.25	.70	2.25
Bloomsdale L. L. Drumhead	.05	.25	.70	2.25
Danish R. S. Stem . . . . .	.05	.25	.75	2.50
Penn State Danish Ball Head	.05	.40	1.25	
Premium L. L. F. Dutch . . .	.05	.20	.60	2.00
Drumhead Savoy . . . . .	.05	.25	.75	2.50
Red Dutch . . . . .	.05	.25	.75	2.50
Surehead . . . . .	.05	.20	.60	2.00
Volga or Stonehead . . . . .	.05	.25	.75	2.50

Three Ounces of Seed will sow 100 Yards of Row; 4 lbs. for an acre.

CARROTS

Native of Europe

For domestic use sow when the Apple is in bloom or as soon as the ground is workable. Drill in row^s of fifteen inches for hand culture, two and a half feet for field culture, and when two inches high thin to two to three inches apart. Carrots for the table should be used when half grown because they are more tender.



Chantenay Carrot

Chantenay Half-Long Scarlet or Model—70 Days

Roots about 5 to 6 inches in length, 2 to 2½ inches thick at the crown. Small top set in a slight depression. Color deep orange red. A fine medium early, half long, stump rooted Carrot, with indistinct core. One of the best for Market Gardens or Private use.

Chantenay Red Cored—70 Days

An improvement on the Chantenay in color and core. Roots 5 to 6 inches long, 2½ inches in thickness at shoulder, flesh reddish orange, tender, delicate flavor.

Early Scarlet Horn Blunt-Rooted or Dutch Horn—60 Days

A very popular early sort. Roots a trifle less than 3 inches long; 1¼ inches at the shoulder and almost that wide at the base where it is decidedly stump rooted. Color bright orange scarlet.

Imperator—76 Days

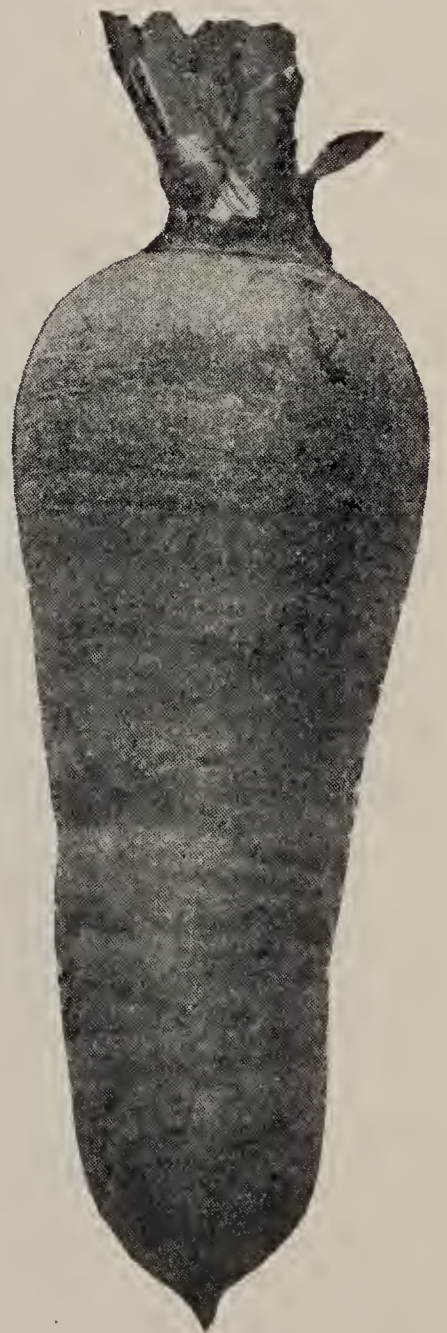
A new introduction Length of root 7 to 8 inches. Diameter of shoulder 2 inches. Rich orange flesh, fine for the market gardener, as its narrow or sloping shoulder, tapering to a half blunt end, makes it especially fine for bunching.

Long Orange—80 Days

This extremely productive carrot frequently grows 10 to 12 inches long, sometimes longer, and produces a root of deep orange color, of about 3 inches diameter at the top of crown, tapering to a slight point. This is a variety used both for table and stock feeding.

Orange Danvers Half Long or Rubicon—75 Days

This is probably the best known variety of Carrot, as for years Market Gardeners have used more seed of this variety than all others combined. It is a broad shouldered cylindrical variety, 7 inches long, 2½ inches at the crown and gradually tapers to a blunt type. Color bright orange. Has rather a large core but is very tender and of excellent quality.



Orange Danvers

Ox-Heart or Guerande—70 Days

A thick blunt variety, 3 to 4 inches long and 2 inches in diameter. When full size grows to a diameter of a pint measure but should be eaten when one inch in diameter. Bright orange. An excellent variety.

CATTLE CARROTS

Large White Belgian—100 Days

This is one of the very best cattle feeding carrots. Roots half-long, 8 to 10 inches in length. Smooth with a heavy shoulder. Color of flesh a creamy white, with a light green crown. Very productive, and easy to harvest.

Large Yellow Belgian—100 Days

Very similar to the White Belgian in form and productiveness, only more slender. More attractive, owing to its yellow color and green crown. Used entirely for cattle feeding, producing an excellent quality of milk.

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay	.05	.15	.45	1.50
Chantenay Red Cored	.05	.20	.55	1.75
Early Scarlet Blunt-Rooted	.05	.15	.45	1.50
Imperator	.05	.15	.45	1.50
Long Orange	.05	.15	.45	1.50
Orange Danvers Half Long	.05	.15	.45	1.50
Ox-Heart or Guerande	.05	.15	.45	1.50
Large White Belgian	.05	.15	.40	1.25
Large Yellow Belgian	.05	.15	.40	1.25



Early Snowball, Select Strain—95 Days

One-Half Ounce of Seed
Will Sow 100 Yards of Row

CAULIFLOWER

Moisture or High Altitude
Tends Toward Success

This delicious plant, like Broccoli, is distinguished from other table vegetables by producing edible flower heads. By long years of selection and culture of some unusual natural variations of this plant of the Cabbage family, discovered in the Middle Ages, the flowers of the Cauliflower have been, to a large extent, rendered abortive, and the flower stems multiplied, shortened and thickened till they have been bred to form a half-globular compact crown or head which, when cooked, is tender as marrow, and the choicest of all esculent vegetables. Varying with climatic and soil conditions, the seed is sown at all seasons—in hotbeds at close of winter, out of doors when the apple is in bloom, again when the oak is in full leaf, again in midsummer, and again, during winter, under glass. The young plants are treated the same as Cabbage and the larger plants require the same rich fertilizer and culture—indeed more intense culture, as only those Cauliflowers are good which are grown quickly.

The earliest varieties are most likely to succeed in the hands of inexperienced growers. Sow the early sorts in seed beds at the beginning of autumn, keep them in a cold frame protected by sash from the severe frost of the winter, and transplant into deep and very rich ground as soon as frost ceases. Hand glasses or boxes placed over them at night when they are put out are useful. It should be observed, however, that success is very uncertain in dry localities.

There is little difficulty in having fine Cauliflowers when planted in frames under glass, at close of winter, so as to advance them ahead of the early summer heat. The late varieties mature in autumn, and are sown at the same time and managed similarly to Cabbage. They do best in localities where the atmosphere is damp and saline, as on the coast or in regions of high altitude. We may add that Cauliflower can only be grown on rich, well-tilled, well-watered soil, and that it can hardly be overfed. We offer only seed of the highest quality.

Early Snowball, Select Strain—95 Days

An extra early sort. Early as any under whatever name. Plants short and stocky, erect, pointed leaves and producing round heads, pure white; extremely early and perfectly solid. Edible heads 90 to 100 days from planting. Autumn crops are earlier than Spring crops. Twenty to twenty-four heads will

fill a barrel. A variety of widest celebrity, by reason of its reliable qualities of productiveness, color, flavor, and keeping qualities. Leaves long and narrow. No strain superior to that which Landreth offers. The most popular variety in use.

Pkt., .20; oz., 1.75; $\frac{1}{4}$ lb., 6.00.

CAULIFLOWER—Continued

Algiers—110 Days

An early, hardy and admirable sort used extensively before Snowball was introduced. A certain header.

Dry Weather or Danish Giant—95 Days

All cauliflower plants need an abundance of moisture, doing best on reclaimed marshes with wet bottom soil. They also do well when the atmosphere as on the sea coast is charged with moisture, yet none of these conditions apply to mountain sides, the altitudes there seeming to invigorate the plants, provided the land is well fertilized. The variety Dry Weather Cauliflower, is so quick in growth as to pass through fewer adverse conditions than later growing sorts, for the production of showy heads.

Half Early Paris—90 Days

A small, hardy sort, very vigorous in growth. Produces a crop while many other sorts fail. Leaves large, small stem and a small but very white head.

It is a very popular variety on account of being an almost sure cropper even under unfavorable conditions.

Lenormands—120 Days

A large, late variety, with well-formed, white, handsome heads. Strong grower.

Veitch's Autumn Giant—130 Days

Very vigorous, long-stalked, large, dense foliage, stiff heads, long standing; should be sown early.

	Pkt.	Oz.	¼ lb.
Algiers.....	.10	.90	2.85
Dry Weather.....	.20	1.75	6.00
Half Early Paris.....	.10	.90	3.00
Lenormands.....	.10	.95	3.25
Veitch's Autumn Giant.....	.10	.40	1.25

Two Ounces of Seed will plant
100 Yards of Row

CELERY

Maturing in 130 to 150 Days
According to Season

Sow thinly just before the Apple tree is in bloom on a finely raked, well-pulverized piece of ground, in a moist place or convenient to water, which should be applied freely during dry weather. The seed should not be covered more than a tenth of an inch.

It is quite customary after planting celery to cover the ground with a slight sprinkling of straw or salt hay to retain the moisture. As soon as the seed is sprouted, take the hay or other covering off. Celery seed will not germinate in dry soil; therefore, it is very essential to plant it very early in the Spring.

Celery is one of the best of our Winter vegetables. To get a good crop, plants must be removed from seed beds and planted in rows about 4 feet apart, plants set about 4 to 5 inches apart so that the plants when fully developed can be easily worked. The whole planting should be so arranged that there is space between the rows to obtain earth for earthing to bleach the stalks in Autumn.

Celery Seeds are often used for flavoring soups.

Easy Blanching or Sanford Superb—130 Days

Vigorous, plants medium size, stalks slightly taller than Golden Self-Blanching, white, crisp, thick, brittle, tender stalks, blanches easily, of an aromatic or nutty flavor, foliage very crumpled. About two weeks later than Golden Self-Blanching.

Emperor or Fordhook—130 Days

A dwarf variety of superior excellence and very showy dark green foliage with a golden heart, to be at once noted because of its particularly upright growth of unusually thick stalks, very solid and large, no suckers, sixteen inches high.

Giant Pascal or Large White—140 Days

A mammoth, silver-white stalked variety of French origin, one of the best, if not the best, large green celeries still on the market. It is very productive, consequently, very profitable. We consider it one of the best celeries for Winter use. It is very easy to bleach and when done presents a yellowish, white color, very solid and crisp and might be considered to resemble a nut in flavor.



Easy Blanching

	Pkt.	Oz.	¼ lb.	lb.
Easy Blanching.....	.05	.40	1.35	4.50
Emperor or Fordhook.....	.05	.45	1.50	5.00
Giant Pascal.....	.05	.30	.90	3.00

CELERY—Continued

Golden Plume or Wonderful—115 Days

We hesitate to recommend something to take the place of Golden Self-Blanching, but here we offer something superior. This variety is an individual line selection from Golden Self-Blanching, is five to ten days earlier, produces a larger, thicker and more solid stalk, blanches much more easily, is of richer color, being creamy yellow and lastly, it withstands blight much better. We look for it to finally replace the old standby, for undoubtedly it is a wonderful improvement. No strain no matter what the selling price may be is superior to that which we offer.

Golden Self Blanching (Tall)—120 Days

By many believed to equal the famous French grown of this variety. It is a big hearted, showy type. The plants develop crisp, tender stalks of rich golden yellow color. It requires little blanching. 26 to 30 inches tall.

Paris Golden Yellow (Dwarf-French Grown Seed)—120 Days

A solid, golden variety, very showy and rich. Very easily blanched as many consider it hardier than the tall type, consequently, the earliest to develop into edible condition. Thick, solid and crisp, of a waxy golden appearance.

White Plume—115 Days

This is a most desirable, early, handsome Celery. One of the best varieties of Celery in the market today and is especially fine for private gardens. No garden should be without this most delicate and delicious variety; it is much in demand by market gardeners for early Fall use. It is self-blanching to a great extent—consequently after earthing it blanches very quickly and is soon ready for the table; is very tender, sweet, and attractive in appearance. When growing it presents handsome leaves of bright green with white tips. We cannot recommend our strain of this variety too highly.

TURNIP ROOTED OR CELERIAC

Large Smooth Prague—120 Days

This plant is used for the large Turnip-like bulbs forming under the ground; the stems above ground are of no value except to use for flavoring. The seed should be sown and given the same treatment as any ordinary Celery, except it is not necessary to earth up the plants as is necessary in growing ordinary Celery. The roots can be readily kept till late in the Winter and are excellent for soups, stews or salads.



White Plume

Landreths' Seeds Have Been Leaders in India for Over a Century

Dass Mondol & Co.,
15-1 Petamber Chatak Lane,
P. O. Alipore,
Calcutta, India

Messrs. D. Landreth Seed Co., Ltd.,
Bristol, Pa., U. S. A.

Dear Sirs,

In continuation to my first order I beg to submit herewith another list for supply at your earliest convenience.

We shall esteem it a great favour by your supplying us as usual fresh and choicest seeds for our customers. We are your old customer dealing with you for more than 100 years.

Thanking you in anticipation,

Yours faithfully,

Kushohari Dass,
Manager.

6th March 1930

Health Value of Fresh Picked Celery

Calories per lb., 84.	Vitamines A, B, C, D.	
Proteins..... 1.1%	Fats.....	.1%
	Carbohydrates	3.3%
Minerals		
Calcium..... .078%	Chlorine.....	.156%
Magnesium... .014%	Sulphur.....	.022%
Potassium... .316%	Iron.....	.0005%
	Sodium.....	.084%

	Pkt.	Oz.	¼ lb.	Lb.
Golden Plume or Wonderful	.05	.65	2.10	7.00
Golden Self Blanching (Tall)	.05	.55	1.80	6.00
Paris Golden Yellow (Dwarf)	.05	.95	3.00	10.00
White Plume.....	.05	.30	1.00	3.25
Celeriac.....	.05	.30	.85	2.75

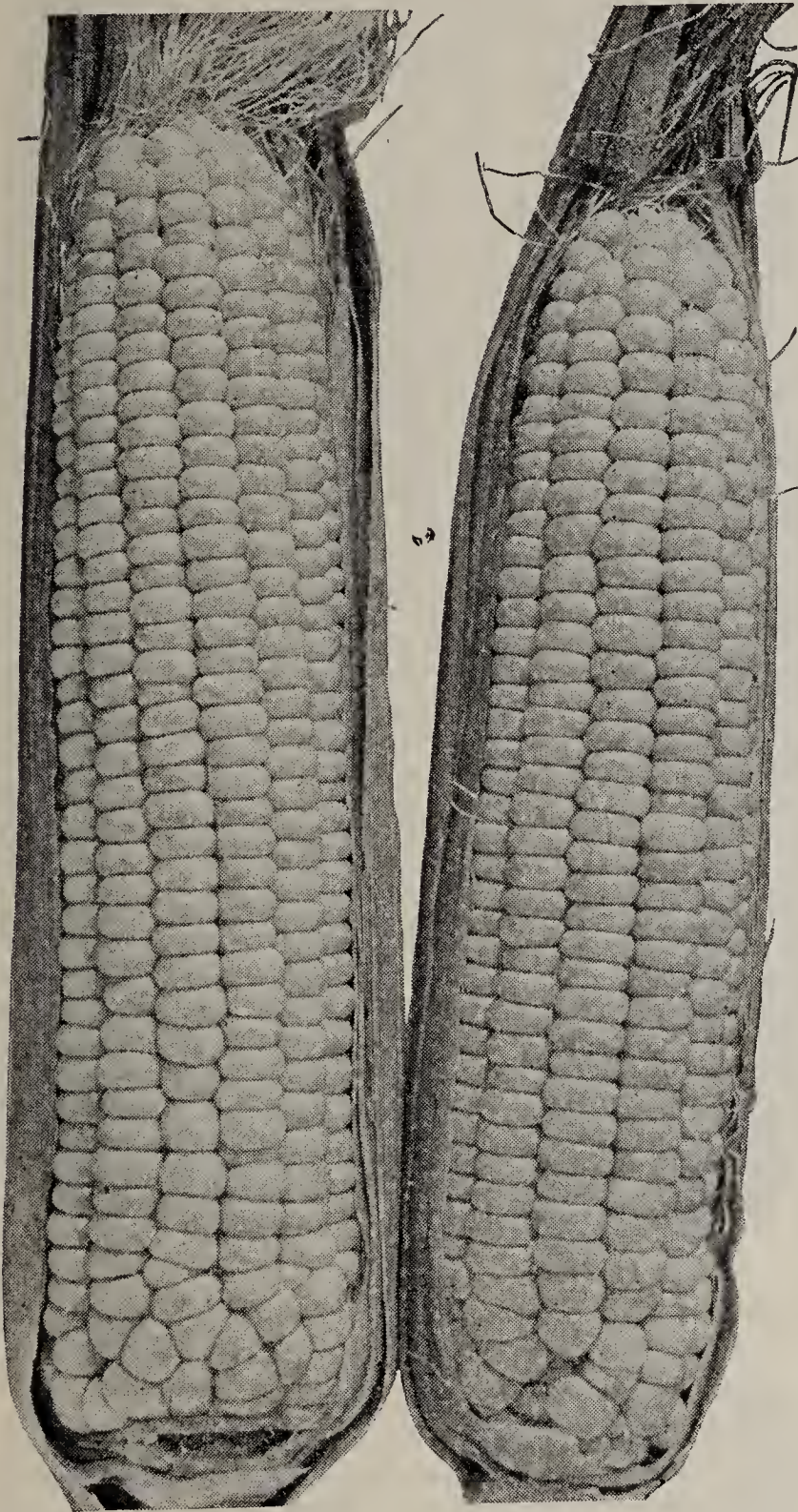
One Lb. of Seed for 100 Yds.
Twelve Lbs. to the Acre

SUGAR or SWEET CORN

Sixty-six to Ninety-five Days from
Planting to Edible Condition

First Introduced in 1830—Then One Variety

No one having a garden of over 150 square feet should be without a few hills of Sugar Corn. Picked a few minutes before eating is very much more luscious than any that can be bought in the grocery store. It deteriorates very rapidly, an hour's time making a great difference. In our opinion the best early sweet corn is Landreth's Earliest Table or Early Beverly. The best early sugar varieties are Crosby, Mammoth, White Corey and Golden Bantam. The best medium early sugar varieties are Howling Mob and Golden Giant; the best late varieties are Stowell's Evergreen, Country Gentlemen, Landreth's Sugar and Landreth's Money Maker.



Stowell's Evergreen

Black Mexican—84 Days

Stalks about 6½ to 7 feet high. Length of ear about 8 inches. Usually 8-rowed. Dry seed black or purple, with flat grain. A second early variety. When young, kernels very white, exceedingly sugary. As sweet, if not sweeter, than Golden Bantam.

Country Gentlemen or Shoe Peg—90 Days

Stalk 6½ to 7 feet. Ears slim, about 8 inches long. Grain, long and irregular, very narrow. Considered by many one of the best Corns for family garden. One of the most popular varieties used by Commercial Cannery. The silk on Country Gentlemen ears is always very red, and it can easily be distinguished by this feature. If planted in succession the later ones will produce a wonderful crop until frost.

Early Crosby—82 Days

Height of stalk about 4½ feet. Ears 6 to 7 inches long. Grains amber color and short. One of the most reliable for early gardens. Recommended as an opener for the season. Used almost entirely in northern localities on account of its earliness. Very popular variety with the Maine canners.

Early Mammoth—90 Days

A popular early, long, slim eared variety popular with Market Gardeners. Ears 7 to 9 inches long of 10 or 12 rows of excellent quality. The superior quality of this sort warrants it being planted in every home garden.

Evergreen Early White—88 Days

Height of stalk 7 feet. Slightly slimmer and shorter stalk than Stowell's Evergreen. Broad, vigorous green foliage. Ears about 7 to 8 inches long, with 14 or more irregular rows. Very deep, white grains.

Golden or Bantam Evergreen—86 Days

It is a cross between Golden Bantam and Evergreen. In reality it combines the good qualities of each. Ears are golden yellow in color. Some think it will take the place of the famous Stowell's Evergreen. Height of stalk 7½ to 8 feet, ears thick, 7 to 8 inches long. Deep rich golden yellow grains of fine quality.

Evergreen, Stowell's—90 Days

Height of stalk about 7½ to 8 feet. Ears about 8 inches long. Very white, deep, narrow grains, 14 rows on the cob. This is the standard variety of Sugar Corn, more of this Corn being sold than any other Corn. It is most popular for home, market gardeners and canners. Very productive. Tender ears.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Black Mexican . . . . .	.20	.30	1.35	2.40
Country Gentlemen . . . . .	.20	.30	1.35	2.40
Early Crosby . . . . .	.20	.30	1.35	2.40
Early Mammoth . . . . .	.20	.30	1.35	2.40
Evergreen Early White . . . . .	.20	.30	1.35	2.40
Evergreen Golden or Bantam . . . . .	.20	.30	1.35	2.40
Evergreen, Stowell's . . . . .	.20	.30	1.35	2.40

SUGAR CORN—Continued

Golden Bantam—80 Days

Height of stalk about 4½ feet. Grains golden yellow, rather short. Ears about 6 inches long, with generally 8 rows. Very hardy. It can be planted earlier in the Spring, in damper soil and colder weather than any other variety of Sugar Corn. Exceedingly sweet. When ready for table use, it is a creamy yellow. Very popular everywhere.

Golden Giant—88 Days

This variety is in reality an improved type of Golden Bantam, from which variety it was developed. The ears are 7 to 9 inches long, containing ten or twelve rows of grains which are long, broad and orange in color. Cobs very small. Is a very desirable variety, which will increase in popularity.

Golden Sunshine—74 Days

This is a decided improvement on the Golden Bantam, being the earliest of all the varieties of this type. It matures several days earlier than the best strains of Golden Bantam, and is of a much more delicate, sweeter flavor. The ears are 7 inches long and 10 or 12 rows, with stalks about 5 feet tall.

Howling Mob—82 Days

Ears about 7 inches long. Height of stalk 4½ feet. Large broad grains. A popular variety for early Summer planting as it ripens a little earlier than Stowell's Evergreen, and is not so liable to be caught by frost.

Kendel's Giant or Mammoth White Cory—75 Days

This is considered by many the best large eared early true Sugar Corn variety. Ears are 7 to 8 inches in length, usually ten rowed, with white grains of excellent quality. A superior early variety.

LANDRETHS' MONEY MAKER—100 Days

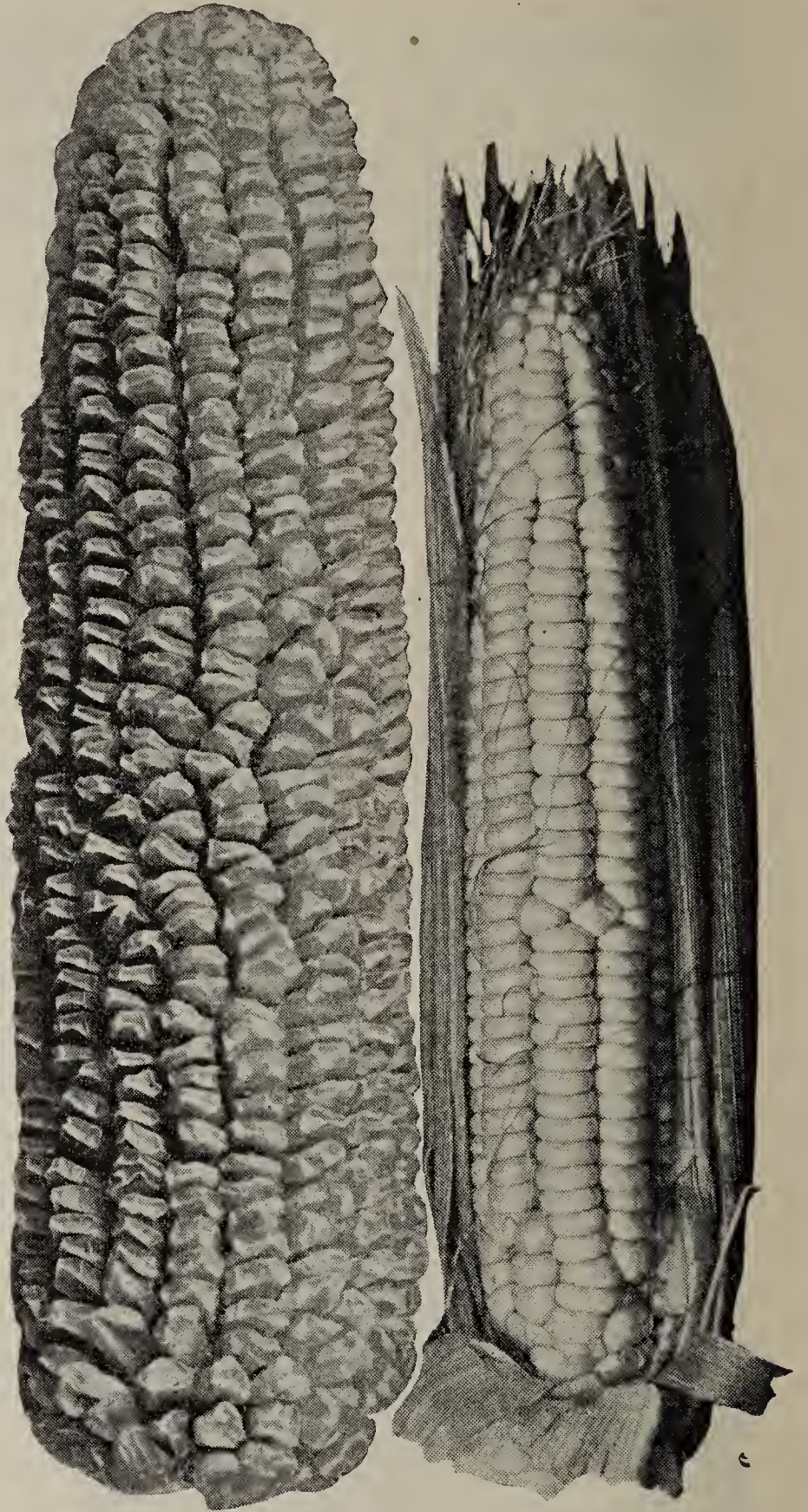
Best Sugar Corn in existence. Late, consequently demands early planting. Grains large, broad and shallow, set close on the ear, averaging 8 to 12 rows on the ear. Cobs long and thin, being less than half the diameter of cobs of other sorts of Sugar Corn. Produces never less than two attractive ears to the stalks, generally three, sometimes four and therefore well named. The stalks are unusually thick, stocky, and very stiff; consequently, rarely blown over by heavy winds. The plant is strong in foliage, very close-jointed, and rises to the height of 6 to 6½ feet. The ears remain in milky condition longer than any other variety. Consequently it remains edible longer than any other kind. Nothing equal to it for sweetness.

LANDRETHS' SUGAR—84 Days

Height of stalk 7 to 8 feet. Ears 8 to 9 inches long, set low, large, and well filled. Two or three ears on every stalk. Grains narrow and deep, somewhat similar to Evergreen but smaller. Ears remain long in edible condition, which is a very great advantage.

Late Mammoth—98 Days

One of the strongest growers of the Sugar Corns, having stalks 7 to 8 feet long which usually produce two ears from ten to twelve inches long, with very white, tender sweet kernels. This late variety produces the largest ears of any of the Sugar Corns.



Stowell's Evergreen in Seed State

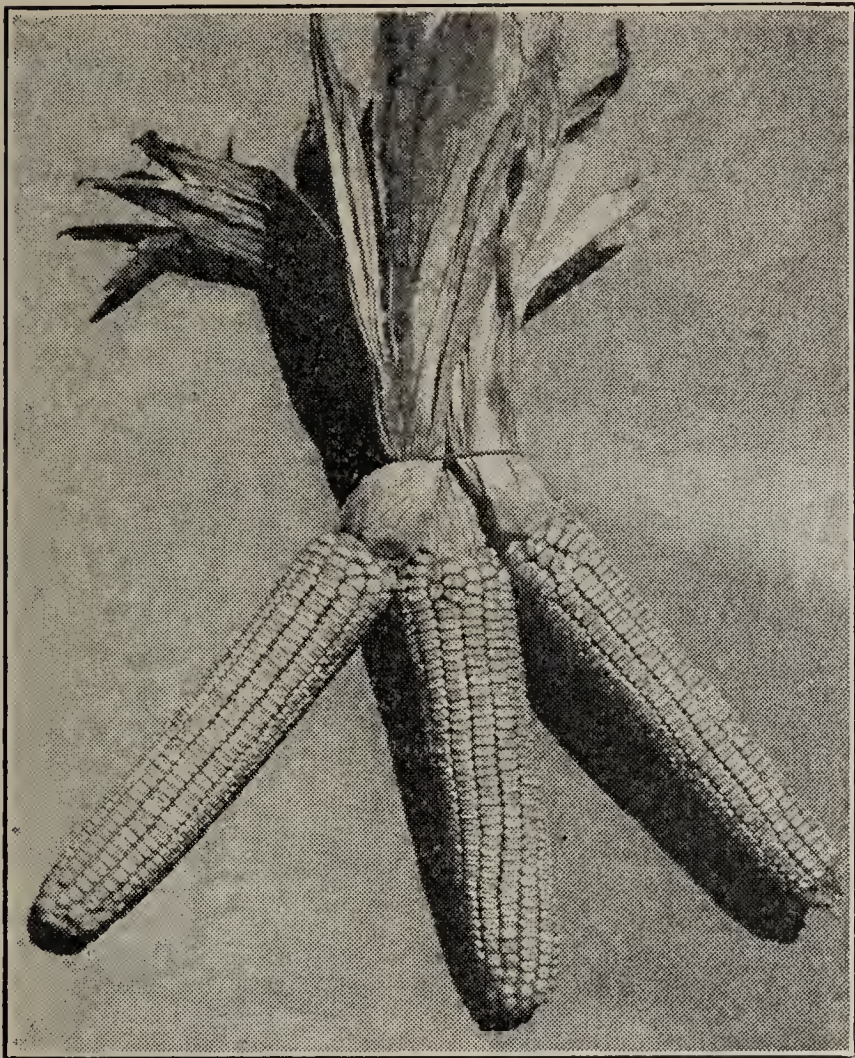
Money Maker

Long Island Beauty—98 Days

A large eared variety, having small tight grains. It is a cross between Late Mammoth and Stowell's Evergreen and retains the good qualities of each. The best large eared, late variety of Sugar Corn. Ears 9 to 10 inches long. 14 or 16 rows.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Golden Bantam.....	.20	.30	1.35	2.40
Golden Giant.....	.20	.30	1.35	2.40
Golden Sunshine.....	.20	.30	1.35	2.40
Howling Mob.....	.20	.30	1.35	2.40
Kendel's Giant.....	.20	.30	1.35	2.40
Landreths' Money Maker...	.25	.35	1.55	2.80
Landreths' Sugar.....	.20	.30	1.35	2.40
Late Mammoth.....	.20	.30	1.35	2.40
Long Island Beauty.....	.20	.30	1.35	2.40

SWEET CORN—Continued



Trucker's Favorite

Adams Early—80 Days

Height of stalk about 4½ to 5 feet. Ears about 6 inches long. Very similar in every respect to Adams Extra Early, except a taller stalk, 6 days later, and slightly larger and longer ears.

LANDRETHS' EARLIEST TABLE or EARLY BEVERLY—68 Days

A flinty grain which enables it to be planted very early in cold wet ground. Height 4 to 4½ feet, producing ears within one foot of the ground. A valuable substitute as an early variety. Not a Sugar Corn, but a sweet table Corn of rare excellence.

Trucker's Favorite—85 Days

The Roasting Ear of the Progressive South. Similar to Adams Early in general appearance, but later. 7 to 8 feet tall. Ears 8 to 10 inches long, 12 to 16 rows. It can be planted earlier than Sugar Corns, for it can withstand the cold ground in early Spring. If you like roasting ears order this variety.

Minnesota Extra Early—71 Days

A very popular early sort, stalks about 6 feet tall, producing one to two ears 7 inches long, with eight rows of very broad white tender grains of excellent quality.

The Vanguard—72 Days

This variety is particularly valuable for early planting on account of its hardiness and earliness. Will mature seven or eight days earlier than Howling Mob. The ears are thick, about 8 inches in length, making them particularly valuable to the Market Gardeners who grow for early market. Developed by A. L. Richie, a New Jersey grower.

Whipple's Early Yellow—78 Days

A meritorious large eared yellow sweet Corn. Stalks 6 feet or more in height. Ears 12 or 14 rowed, 7 to 8 inches in length. An outstanding variety. Matures in few days before Golden Bantam.

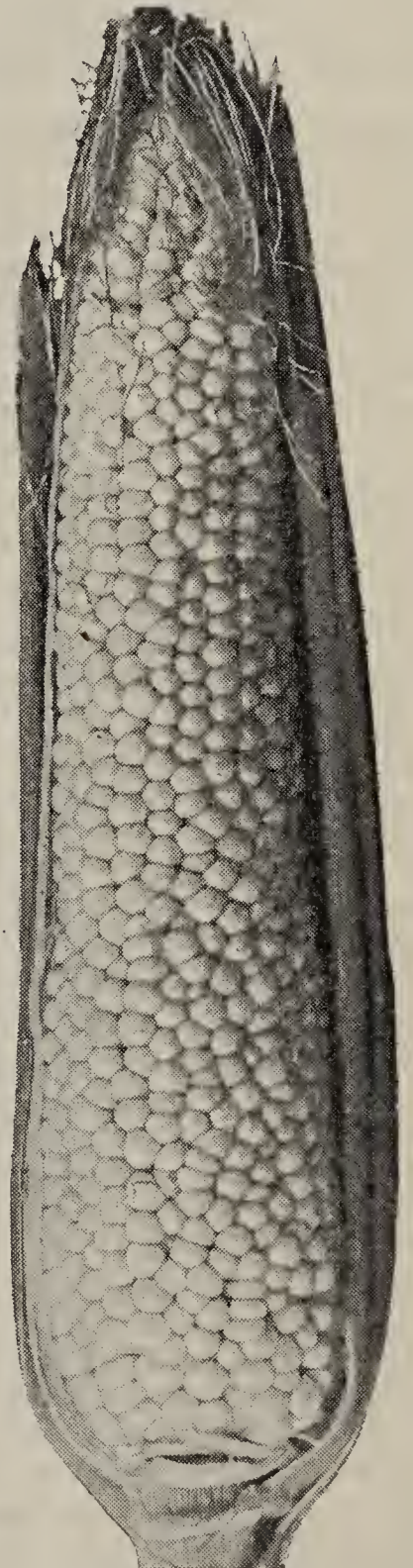
White Cory or Early Mayflower—72 Days

A first early Sugar Corn. Height of stalk 4½ feet. Ears about 5 inches long. 8 to 12 rowed.

SWEET GARDEN—NOT TRUE SUGAR

Adams Extra Early or Early Burlington—74 Days

Height of stalk about 4 to 4½ feet. Ears about 5 to 6 inches long, some set within 6 inches of the ground. Not a Sugar Corn, but a decided acquisition early in the season. Stands cold, damp ground better than Early Sugar Corn. Valuable on account of its hardiness and earliness.



Country Gentlemen

	½ lb.	1 lb.	5 lbs.	10 lbs.
Minnesota Extra Early.....	.20	.30	1.35	2.40
The Vanguard.....	.20	.30	1.35	2.40
Whipple's Early Yellows.....	.20	.30	1.35	2.40
White Cory.....	.20	.30	1.35	2.40
Adams Extra Early or Early Burlington.....	.15	.25	1.15	2.20
Adams Early.....	.15	.25	1.15	2.20
Landreths' Earliest Table.....	.20	.30	1.35	2.40
Trucker's Favorite.....	.15	.20	.90	1.60

Plant 15 pounds to the acre, or about 1 bus., 56 lbs. to 4 acres

FIELD CORN

Originally a Native of North and South America, and Was Grown in Peru Centuries Ago

No farmer or seedsman is offering a better or purer stock of Field Corn than Landreth. With the exception of Hickory King and White Eureka, every ounce of Field Corn offered in this catalog is produced within ten miles of Bristol, Bucks County, one of the famous corn counties of Pennsylvania. It is all grown from the best hand selected, tipped and butted stock which we select from the various fields which we are growing in this neighborhood. No corn is superior in quality or germination. Landreth's stocks should not be compared with cheap Field Corn as our aim is to produce better quality regardless of price. We have succeeded in our endeavor.

Bristol Early Yellow or White Capped Dent—100 Days

Height of stalk 8 to 9 feet. Color of seed light yellow or lemon, with a white top. Produces long, slim ears, exceedingly productive, very fine quality. 12 or 14 straight rows on white cob. Kernels broad and set very closely. Produces particularly well on poor ground. In some sections, called Poor Man's Corn.

Early Canada—88 Days

Height of stalk about 6 feet. Kernels of a glazed yellow, considerably lighter in color than the Pennsylvania Long Yellow Flint. A very desirable Corn to plant in Northern Latitudes.

Eureka White—130 Days

This Corn is grown by us in Virginia. The strain which is very popular in New England for fodder or ensilage will not mature hard seed as far North as Pennsylvania. It produces a very tall, leafy stalk, is claimed by many to be the best fodder Corn or Ensilage Corn in the market, but we think the Snowflake better as it is 10 days earlier. Grains and cob are white, rows usually regular. We recommend only for fodder or ensilage.

Golden Beauty or Sweepstakes—120 Days

Very showy. Height of stalk about 9 to 10 feet. Ears 9½ to 10 inches long. Grains very broad, deep rich golden yellow color. Cobs red, quite similar to Golden Dent, but the kernels much more shallow. Usually 8 rows. One of the handsomest and broadest grain Golden Dent Corns on the market.

Golden Dent—110 Days

Very showy. Named from its bright Golden Yellow color. Very prolific and an excellent Corn for anyone to grow. Height of stalk 10 to 11 feet. Ears 10 to 11 inches long. A large kernel, longer but not so wide as Golden Beauty. 14 or 16 straight rows on a red cob. Color of seed glossed yellow.

Lancaster County Sure Crop—110 Days

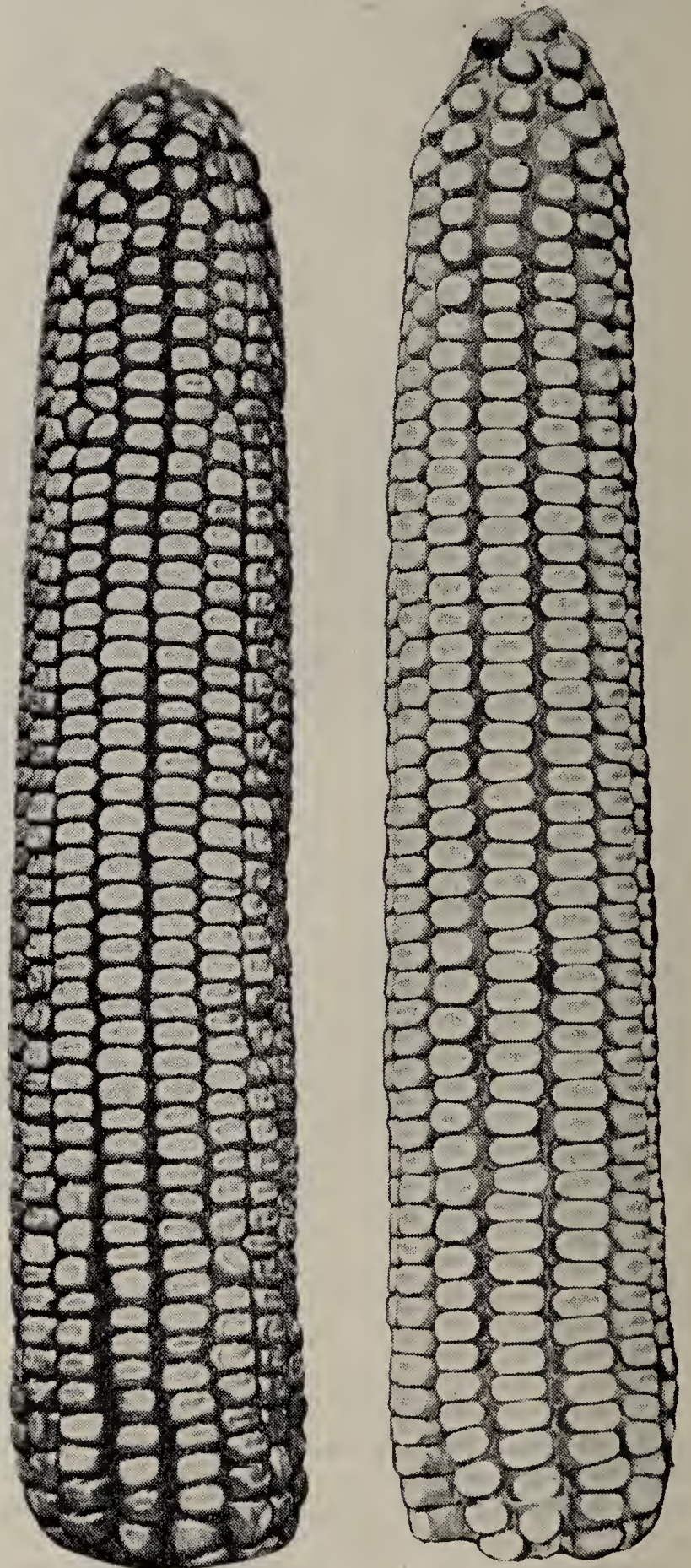
A dent—yellow on top, orange on sides, set close, resembles Golden or Yellow Dent, only ears are longer and slimmer, early to ripen, 14 straight rows on a red cob. A good cropper, excellent for silos. Used most extensively by all progressive farmers in Pennsylvania.

Leaming—105 Days

A very productive early red cob Corn. 14 to 18 rows. Ears 9 to 10 inches long, not so long as Golden Dent. Top of kernel bright, unglazed yellow, body of kernel dark yellow and glazed. Germ very pronounced. Popular in New York and Penna.

Old Cabin Home or Hickory King—125 Days

Height about 10 feet. Ears about 7 to 8 inches long, 8-rows, straight, small diameter. Kernels white, glazed, and extraordinarily broad.



Lancaster County Sure Crop

Bristol Early Yellow

	¼ Bu.	½ Bu.	1 Bu.
Bristol Early Yellow	.75	1.25	2.25
Early Canada	.80	1.40	2.50
Eureka White	.75	1.25	2.25
Golden Beauty	.80	1.40	2.50
Golden Dent	.75	1.25	2.25
Lancaster Co. Sure Crop	.75	1.25	2.25
Leaming	.75	1.25	2.25
Old Cabin Home	1.00	1.75	3.25

FIELD CORN—Continued

Penna. Long Yellow Flint or 8-Rowed Yellow—90 Days

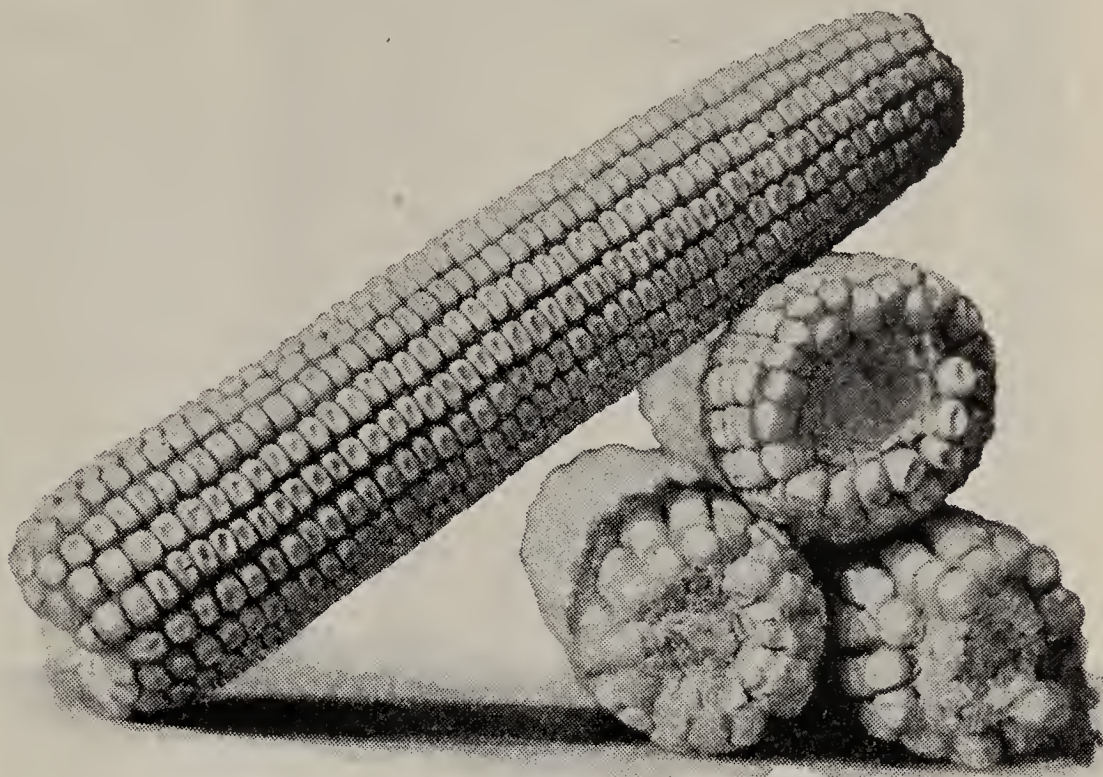
Height 9½ to 10 feet. Very early, often used by farmers to replant, assuring them of getting ripe Corn before frost. Cobs white, slim, 11 to 12 inches long, always 8-rowed. Kernel flinty, hard and glazed. The grain is amber in color.

Snowflake or Boone County White—120 Days

A pure white grain, dented crown. Height of stalk 10 to 11 feet. Ears have tendency to grow high on the stalks. 18 straight rows on a white cob. White glazed with dull white cap. Popular in the cotton states. This is the best ensilage Corn on the market. Will ripen in New York where White Eureka does not.

White Dent—120 Days

Very similar in all respects to Snowflake, except that all grains are dented, while Snowflake is inclined to have many gourd seeds. An exceedingly fine ensilage variety.



Snowflake

POP CORN

Golden Queen—115 Days

Height of stalk 6½ to 7 feet. Two or three ears on a stalk. Length of ear 5 to 7 inches. Practically identical in every way to the Plain White, except that the grain is a golden cream color. One of the popular popping varieties. Creamy white when popped.

Japanese or Australian Hulless—95 Days

This is a dwarf growing sort, producing an abundance of very thick short ears 3½ to 5 inches long. These are closely set with narrow tight grains somewhat resembling White Rice. The grains are hullless which makes them when popped the most tender of any pop corn on the market. Once tried will never be discarded.

Plain White or White Pearl

Height of stalk 7 to 8 feet, length of ears 5 to 7 inches long. Grain smooth and round. Not as generally used as the Rice for popping purposes, but preferred by growers, as it does not hurt the hands as Rice does when husking.



Rice Pop Corn

Health Value of Fresh Picked Corn

Calories per lb.....	459.
Vitamines A, B, C, D.	
Proteins.....	3.1%
Fats.....	1.1%
Carbohydrates.....	19.7%
Minerals	
Calcium.....	.006%
Magnesium.....	.033%
Potassium.....	.113%
Chlorine.....	.014%
Sulphur.....	.046%
Iron.....	.0008%
Sodium.....	.040%

White Rice—110 Days

Height of stalk 7 to 8 feet. 2 to 3 ears on a stalk. A handsome, very prolific variety of White Pop Corn. Ears 5 to 7 inches long. Grains long and pointed, somewhat resembling rice, from which it takes its name. This variety is considered the best variety of Corn for popping purposes.

Field Corn	¼ Bu.	½ Bu.	1 Bu.	
Penna. Long Yellow Fl.....	.75	1.25	2.25	
Snowflake.....	.80	1.40	2.50	
White Dent.....	.75	1.25	2.25	
Pop Corn	½ lb.	1 lb.	5 lbs.	10 lbs.
Golden Queen.....	.15	.20	.90	1.60
Japanese.....	.15	.20	.90	1.60
Plain White.....	.15	.20	.90	1.60
White Rice.....	.15	.20	.90	1.60



Witloof Chicory

CHICORY or SUCCORI

Sometimes Called French Endive

Plant Four Ounces for 100 Yards of Row

Large Rooted or Coffee—100 Days

This variety should not be confused with the Witloof sort which is used as a salad, for this is little used as such but is cultivated for its roots which when dry are used as a substitute for coffee.

Witloof or Brussels Chicory—110 Days

The leaf resembles a head of Cos Lettuce, large, thick and stems tightly folded against each other, the heart bleached like Celery. Very popular in Europe and growing in demand in America.

COLLARDS

One Ounce of Seed for 100 Yards of Row

A Loose-leaved plant of the Cabbage family

Georgia Southern or Creole—80 Days

Cabbage greens. The leaves can be blanched white as Celery and made tender by enveloping from the top downward each plant with a large paper or muslin bag during its late growth. Stems long, 2 to 3 feet, white or golden, can be grown in sections where Cabbages do not thrive.

CORN SALAD—Sometimes Called Fetticus

Sow Ten Ounces of Seed to 100 Yards of Row.

Broad-Leaved (Large Seeded)—40 Days

Used as a small Salad throughout the Winter and Spring. Sometimes called Lambs' Lettuce. For quick growing sow thickly in drills, cover slightly first of Autumn. Height 4 inches.

CRESS

Broad-Leaved—45 Days

Leaves not cut. A form of Salad much used abroad.

Curled or Pepper Grass—40 Days

Cut leaved, used for flavoring and as a Salad.

Upland Cress—Gray Seeded—60 Days

Very much resembles Water Cress not only in habit and appearance but in texture and flavor as well. It is rapidly taking the place of Water Cress where running streams are not available. It is a very fast grower and easily cultivated. It will grow in any soil and will produce an abundance of leaves even in a very dry season. Flavor quite spicy and appetizing.

Water Cress—50 Days

A favorite dressing for dishes and a desirable form of Greens. A Perennial aquatic plant. Will only thrive well when the roots are submerged in water, and grows best along banks of small running streams.

DANDELION

Cabbaging or Improved Thick Leaf—60 Days

An improved type of an old-fashion plant rapidly growing into favor as an early Salad, thick-leaved, dark green. Sow and cultivate same as Lettuce. Tie up the same as Cos Lettuce or shelter from light by inverted pots or board covering.

French Garden—55 Days

A good sort, but not so strong in growth as the Cabbaging, but much better than the common wild sort; not so erect, leaves broader, less curly and not so vivid a green, blanches easily.

	Pkt.	Oz.	¼ lb.	Lb.
Chicory, Large Rooted.....	.05	.15	.40	1.25
Chicory, Witloof.....	.05	.15	.45	1.50
Collards, Ga. Southern.....	.05	.10	.20	.60
Corn Salad, Broad Leaved..	.05	.15	.40	1.25
Cress, Broad Leaved.....	.05	.15	.30	1.00
Cress, Curled.....	.05	.10	.25	.75
Cress, Upland.....	.05	.15	.45	1.50
Cress, Water.....	.05	.25	1.20	4.00
Dandelion, Cabbaging.....	.05	.50	1.65	5.50
Dandelion, French Garden .	.05	.30	.90	3.00



Georgia or Creole Collards

Four Ozs. of Seed Will Plant 100 Yds. of Hills. Plant Four Lbs. to the Acre

CUCUMBER

A Good Crop Cannot Be Grown on Thin Soil

Origin not positively known but thought to be in India



Arlington White Spine

For early use plant in hills 4 x 4 feet apart, on a warm border, when the Cherry is in bloom or when danger of frost is past. For pickles plant early in August to get 2 to 3 inch fruit in late September.

Among many people the phrase **white spine** is not understood. The spines on the cucumber are of two kinds, white and black. They have nothing to do with the outside color of the cucumber for they are simply the little prickly white or black projections on the skin of the fruit.

A good crop of Cucumbers, when gathered of pickling size, produces from 100 to 174 bushels to the acre. A bushel contains about 300 pickles. The pickles should be slipped from the vine by the thumb and finger without raising or disturbing the vine.

Pickles properly prepared will keep five or six years. The method of salting pickles as pursued in New Jersey is as follows: To a cask of 120 gallons' capacity, take 4 quarts of salt, and mix in 2 gallons of water. Place the solution in the bottom of the cask and put in the green pickles after washing. To each 2 bushels of pickles put into the cask, add 4 quarts of salt and continue until cask is full. Place the head on the cask with edges trimmed off to permit of a rise and fall on the top of the pickles, and on the top of the head or lid place a weight of 20 to 25 pounds. If there should be any evaporation of the liquor, replace it by a solution of 4 quarts of salt to 2 gallons of water, keeping all the pickles submerged; salt should not be stinted.

Always Green—65 Days—It stays green

The greenest and earliest of the Long White Spine Varieties. Hardy, large fruited, excellent shape, and is uniform from end to end. Of extended or long drawn out period of picking and of very favorable reputation among Market Gardeners. Always to be picked out in a competitive trial as one of the best. Used most extensively in Florida to ship North.

Arlington White Spine—65 Days

A cucumber that for years was the standard of perfection of White Spine types. It is grown extensively by market gardeners and is equally desirable as a family garden sort. Fruit long, slim and attractive, thicker than Early Fortune, same diameter all over, and rather chunky in appearance.

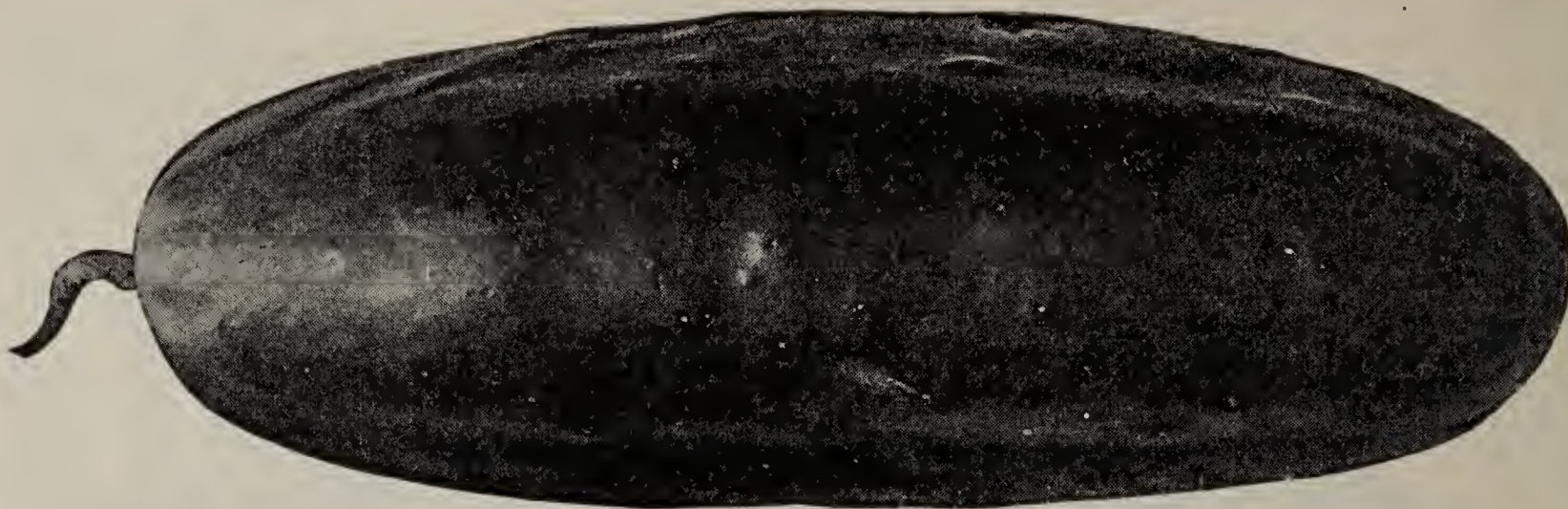
Boston Pickle—58 Days

A very productive variety. Very robust in growth. Dark green, and paling to light green at tip. Warty and black spined.

Chicago Pickle—58 Days

Sometimes called Westerfield Pickle. Vine vigorous, foliage broad. Fruit rounded form, choice green color with smooth skin and few spines. A very desirable and most popular variety for pickles.

	Pkt.	Oz.	¼ lb.	Lb.
Always Green.....	.05	.15	.40	1.20
Arlington White Spine.....	.05	.15	.35	1.10
Boston Pickle.....	.05	.15	.30	1.00
Chicago Pickle.....	.05	.15	.30	1.00



Jersey Pickle

CUCUMBER—Continued

Davis Perfect—70 Days

Here we have a Cucumber of intensely dark green skin and a shy producer of seeds. Flesh very white. Fine for slicing. A most desirable variety for both family and market garden cultivation. Always dark green skinned and smooth. 9 to 10 inches long, tapering to both ends. It more closely resembles a hothouse variety than any other.

Early Cluster—52 Days

An early sort. Fruit borne in clusters of two or three, from which it gets its name. The fruit is short, bright green, crisp and tender. Is good for slicing as well as pickling.

Early Fortune—65 Days

An early long, slim, well-shaped white spine, of a deep green color, retaining green color longer than most other sorts. Fruit about 8 inches. Very productive. The quality sold by Landreth is not surpassed by any other Cucumber bearing this name. Very choice and popular as a long distance shipper. One of the best; plant with the utmost confidence.

Jersey Pickle—56 Days

A short black-spined, productive sort, having the reputation of ripening better than any other variety and of holding its color. Early Spring sowing will develop fruit of pickling size 2 to 3 inches, in 50 days. Good green color at stem, and paling to light yellowish green at tip. Distinctly showing 9 ribs with warts, and black spines.

Klondike—70 Days

A handsome white spined medium early sort. Very dark color and an excellent slicer. Fruit grows 7 to 8 inches in length and usually of uniform shape. Color is very dark green slightly striped with white at ends. Hot sun does not seem to affect this Cucumber as much as some others.

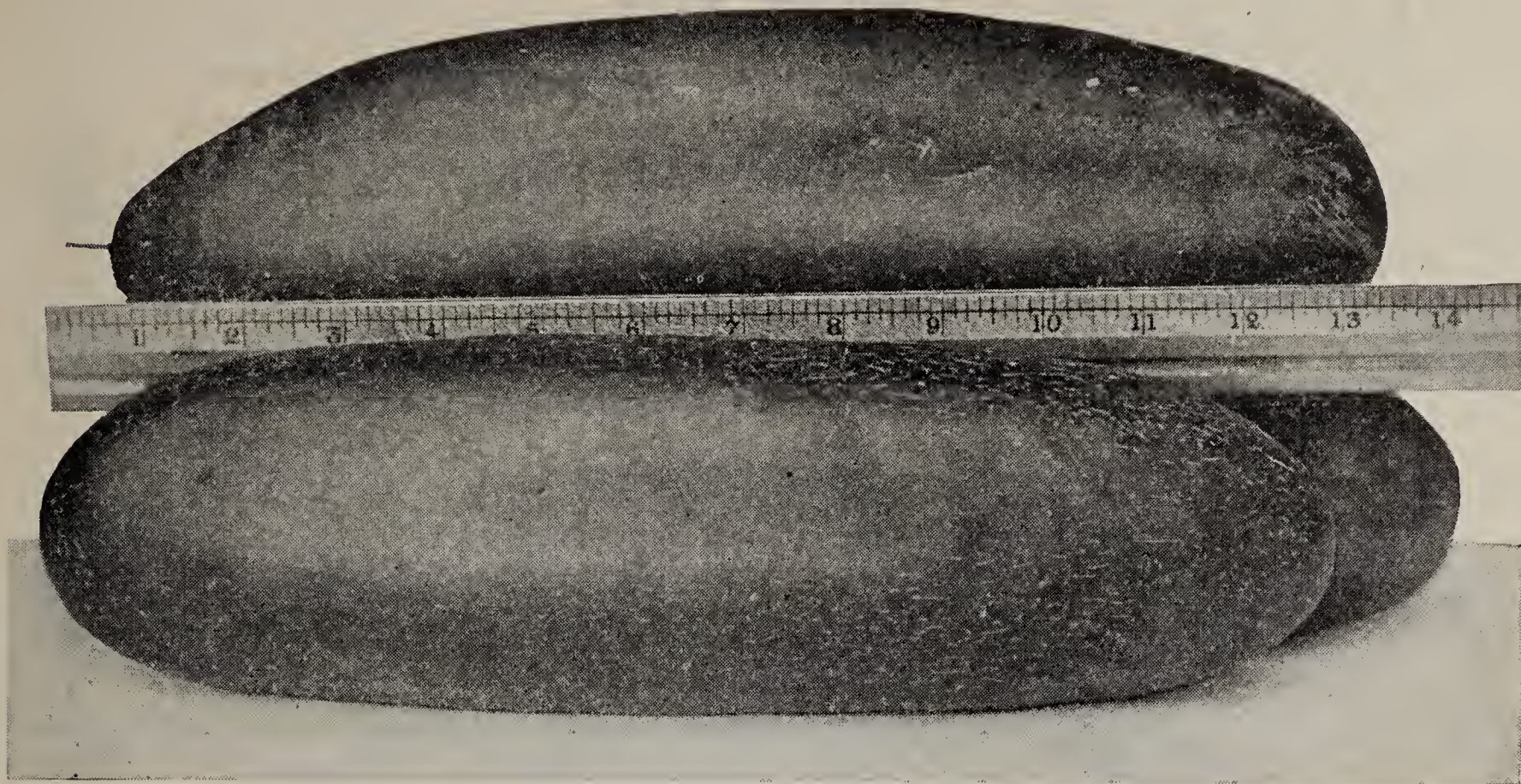
Longfellow or Vaughn—74 Days

This is probably the finest of the large varieties. When mature it measures about 15 inches in length, quite prolific, straight, uniform, and is a fine dark green color.

	Pkt.	Oz.	¼ lb.	Lb.
Davis Perfect.....	.05	.15	.40	1.25
Early Cluster.....	.05	.15	.30	1.00
Early Fortune.....	.05	.15	.35	1.15
Jersey Pickle.....	.05	.15	.30	1.00
Klondike.....	.05	.15	.35	1.15
Longfellow or Vaughn.....	.05	.15	.45	1.50



Landreth's Extraordinary



Long Green Improved or London

CUCUMBER—Continued

LANDRETHS' EXTRAORDINARY—65 Days

So very superior in every particular to the ordinary stock of White Spine as not to be classed with it. Vine a strong grower, foliage broad leaved, deep green, close-jointed. Does not sunburn. Blooms early and sets fruit in every blossom; consequently very prolific. Fruit 8½ to 10 inches long, slightly tapering at both ends. Pickles can be gathered in 50 days. Fine for slicing and can be picked in nine weeks. A fine variety of White Spine. It is unsurpassed as a shipping Cucumber.

Long Green Improved or London—70 Days

A Black Spine variety. Vines very vigorous and productive. One of the best, if not the best, variety for slicing and salting. A very shy seeder; consequently, hard to get farmers to grow for seed; but very prolific bearer. A universal favorite and more largely sold, than any long green cucumber on the market. Hardy and disease resistant, fruit 12 to 13 inches long, somewhat pointed at the ends with warts particularly on stem end. See photograph above.

Long Green Turkey—75 Days

Black Spined. A shy producer of seed, but a prolific bearer and is highly recommended to all who put up their own pickles. Fruit is long, dark, slim, showing a tendency to make a small neck at the stem end.

New Hybrid—65 Days

This is identical to Clark's Special and Woodruff Hybrid. The size and shape are approximately the same as Early Fortune, possibly an inch longer and slightly thicker. It is later than Early Fortune and not as heavy a cropper. It is particularly desirable because of its intense dark green color and its excellent long distance shipping qualities.

Short Prolific or Green Prolific Pickle—56 Days

A short-vined, short-fruited, productive variety, producing fruit for pickling in a comparatively short time. Black Spine, an abundant bearer, highly recommended for pickles, for which it is used by many of the most famous pickling establishments. Short vine allows planting in rows as close as 2½ feet.

Snow's Prolific Pickle—55 Days

In appearance of fruit a variation of the "Chicago Pickle," but considerably longer in vine than "Short Prolific," which was given its name because of its exceedingly short vine. The fruit of "Snow's Prolific" is more uniformly even in diameter from end to end, small, early, dark green, both ends blunt. It has a reputation of being more productive than any of its class and in every way suitable for pickling, consequently used to a very large extent by the best pickle houses. "Snow's Prolific Pickle" is more universally used than any other pickling variety. Our stock is selected with the greatest care.

Gherkin, Burr or West India Gherkin—50 Days

A round, prickly Cucumber. Used for pickles only. The seed gets very hard, consequently, before planting, it should be soaked well as it takes it so long to sprout under ordinary conditions. Form of fruit resembles a horse chestnut burr.

	Pkt.	Oz.	¼ lb.	Lb.
Landreths' Extraordinary...	.05	.15	.45	1.50
Long Green Improved.....	.05	.15	.40	1.25
Long Green Turkey.....	.05	.15	.40	1.25
New Hybrid.....	.05	.15	.40	1.25
Short Prolific.....	.05	.15	.30	1.00
Snow's Prolific.....	.05	.15	.30	1.00
Gherkin.....	.05	.15	.45	1.50

One Oz. of Seed Will Provide Enough
Plants for One-Eighth of an Acre

EGG PLANT

Matures for Table in About
125 Days After Sprouting

Egg Plant is a native of Africa, called years ago in the Southern States "Guinea Squash"

In this fruit, we have one of the finest for the garden on the market. Plants are a little difficult to raise, owing to the fact that the seed germinates slowly and should always be started in a hotbed, or on a window ledge in the house. After the plants show two rough leaves they should be transplanted 3 to 4 inches apart to give them room to develop, so that after they have gotten sturdy they can be planted in the open garden. If the ground is rich with proper fertilizer, with care it will not be difficult to produce first-class fruit five to six inches in diameter.

About 5,000 plants are required to set an acre. The plants will produce an average of 4 to 5 fruit—sometimes 10—weighing 5 to 6 pounds. Our selection of seed is taken from the best fruit that can be grown and we have no hesitancy in recommending our seed as unsurpassed. Years ago, the vines of all varieties of Egg Plant had spines, or thorns, but by constant selection, the growth of all Spines has been eliminated.

Black Beauty—125 Days

This variety is earlier than the Landreths' Large Round Purple, but it is slightly smaller. Owing to the fact that the color is black, and it does not lose its color it is very popular. Do not confuse the Black Beauty with the old Black Pekin as it is twice as large. Height of vine 28 to 34 in.

LANDRETHS' LARGE ROUND PURPLE—130 Days

This selection is decidedly the best type of Egg Plant that we have been able to secure after many years of selection. It is productive and vigorous, the fruit often reaching a weight of 10 to 12 pounds. Fruit may be described as chunky, broad at the bottom, and flattened—diameter nearly equal to the length. Color when grown on soil of proper quality a deep purple, often appearing almost black, although not as black as the Black Beauty. The soil has much to do with the depth of color. Single bushes of this variety on good soil often reach a diameter of three feet, and produce 8 to 10 large fruit.

New York Purple—130 Days

This is probably the oldest and best known variety on the market today. It is early and produces four to six very large fruit of excellent quality. The fruit is better if grown on a sandy loam and should be planted accordingly if possible.

Florida High Bush—130 Days

We cannot recommend this variety nearly as highly as we do the Landreths' Large Round Purple, or Black Beauty, although it is very popular in some sections. The fruit is not as large nor as round as the New York Improved. Vines 26 to 32 inches, more vigorous, and a continuous bearer.

VITALITY TESTS

Every season in our Greenhouses we make about fifty thousand tests in earth of the Germination and Vitality of the Seeds used in filling orders. Tests are made of each lot of Seed received at the Warehouse, no matter from what source, and repeated again three months later. All these tests are entered in a separate vitality book, which is consulted before orders are shipped. These seedlings are allowed to grow to a height of two inches or more before counting to make sure that all are strong enough to continue growing.



Landreths' Large Round Purple

Black Beauty

Pkt.	Oz.	¼ lb.	Lb.
.05	.40	1.35	4.50

Florida High Bush

Pkt.	Oz.	¼ lb.	Lb.
.05	.40	1.35	4.50

Large Round Purple

Pkt.	Oz.	¼ lb.	Lb.
.05	.40	1.35	4.50

New York Purple

Pkt.	Oz.	¼ lb.	Lb.
.05	.40	1.35	4.50

Sow Two Ounces of Seed
for 100 Yards of Row

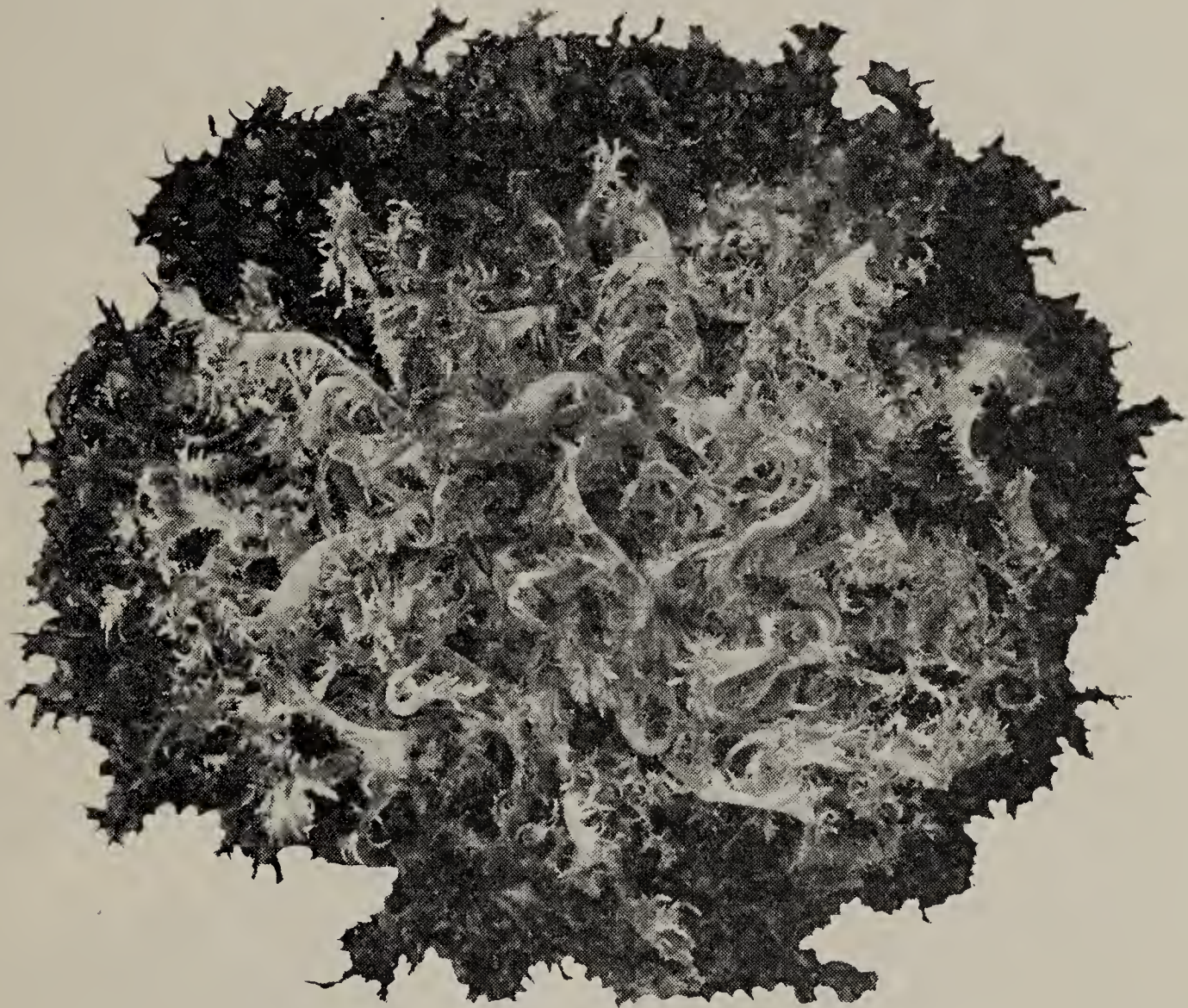
ENDIVE

Plant three Pounds to the Acre

Native of China and Japan

Sow in the Spring as soon as the earth is free from frost and replant to within 60 days of Autumn frost. Drill in rows 2 feet apart, and thin the plants to 8 inches. Tie up the loose leaves or cover with a pot to blanch the salad. This is one of the most palatable Vegetables which can be used as a salad as well as a garnish to table vegetables. Endive, when grown properly and bleached with care, will produce one of the best salads that can be grown. Few people appreciate its value until they have eaten properly bleached Endive grown by a gardener who knows his business.

Endive can be eaten uncooked in salad forms or boiled like Spinach, a distinct flavor and very palatable when bleached. It is of rapid growth, highly esteemed and may be sown, except in Winter, at all seasons of the year. The plants are of rosette shape and can be tied up and bleached pure white like Celery. Especially desirable as a Winter salad. Grown largely by Market Gardeners.



Giant Green Curled or Ruffick Endive

Broad-Leaved Batavian or Escarolle—85 Days

Foliage broad and flat, 16 inches in diameter—deep green leaves with thick midrib, that is exceedingly palatable when well bleached. Stands dry weather better than any other sort of Endive. We believe that this variety is unsurpassed for salad when it is bleached by an experienced gardener.

Giant Green Curled or Ruffick—85 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, 16 to 18 inches in diameter, with deep green leaves. When tied up these plants of red footstalks bleach white very quickly. It is a great favorite with those who desire a curly Endive. See photo.

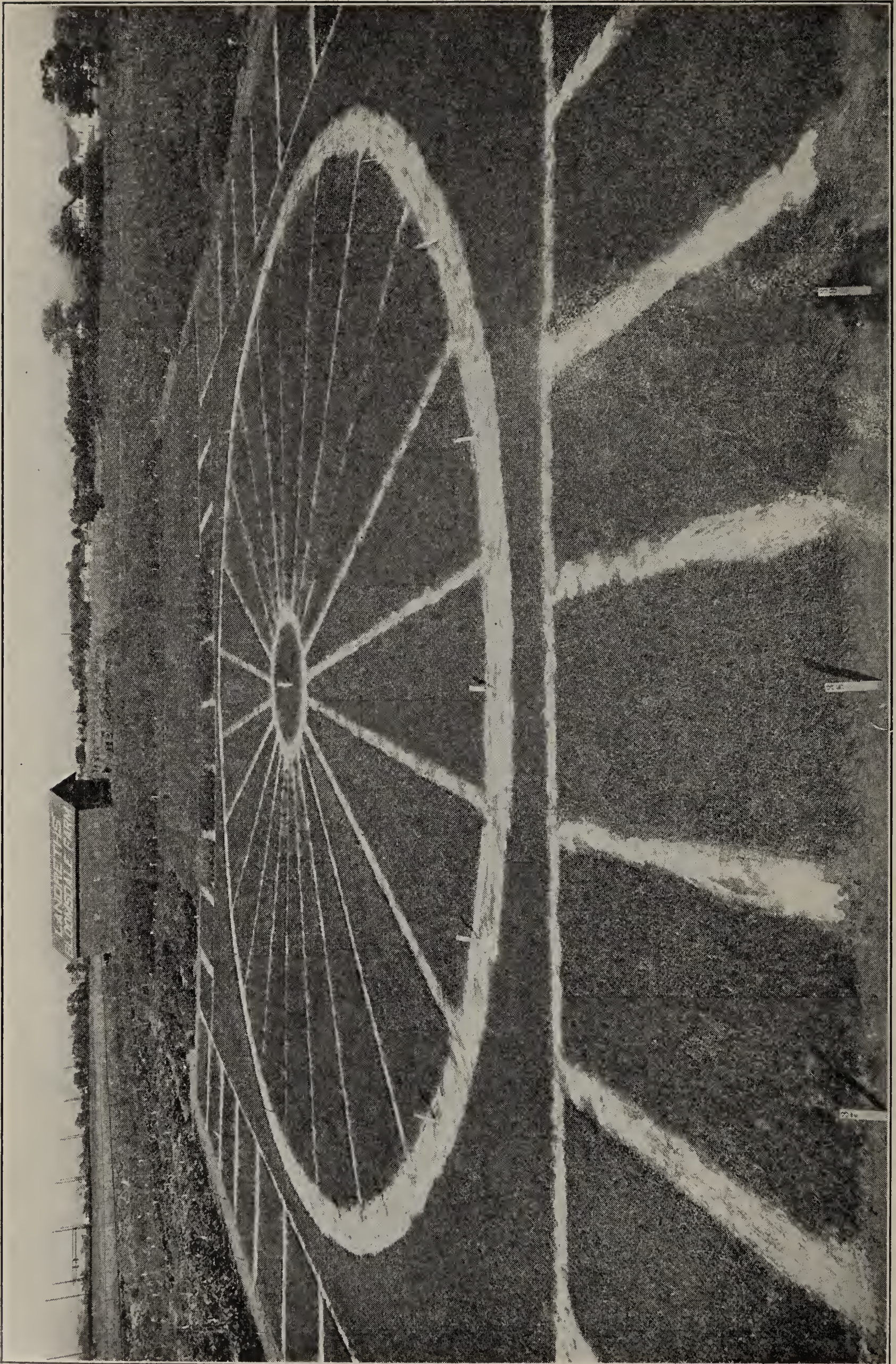
True Heart—90 Days

An Improved Batavian. Same as Batavian only broader and thicker head at eating stage.

White Curled—95 Days

A variety of white or light-colored leaves. Distinct. More delicate and smaller in form than the large green curled. Less astringent than the green and is slightly easier to bleach. Used extensively for a decoration as well as a salad.

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved.....	.05	.15	.35	1.15
Giant Green Curled.....	.05	.15	.35	1.15
True Heart.....	.05	.20	.55	1.75
White.....	.05	.15	.40	1.25



Trials of Lawn Grass Mixtures are shown in the circle. Individual Varieties are pictured in separate plots on the outside. Nearly 100 separate turf plots are constantly on display.

Landreth's Grasses of Proven Quality



A section of the sixty grass tennis courts at the Philadelphia Cricket Club, Chestnut Hill, Pa., taken during the National Girls' Tournament. Many World Champions play on these courts. The turf is produced from **LANDRETHS' RUFFWEAR GRASS SEED.**

The Secret of Producing Velvet Turf

It is just as natural for grass to grow on a lawn as it is for hair to grow on a head. In both cases, however, certain conditions may destroy or prevent the growth.

How can I obtain a velvet turf? This question is asked every seedsman thousands of times every year. First of all, know something about your soil. Litmus or Litmus paper may be obtained in small quantities from any druggist. Allow this liquid or paper to come in contact with your soil in various parts of the lawn. If it turns very blue, then it is too alkaline and should have a fertilizer to control this condition. If it turns very red it is too acidic and should have lime applied. Provided it remains about the same color, of course there is little to fear, although a slightly acidic soil is desirable. A sweet or alkaline soil tends to produce clover and weeds. If you have difficulty ascertaining the condition of your soil, your seed dealer will be glad to aid you. If the local seedsman cannot help, mail a small sample of your soil to D. Landreth Seed Company or your State Experimental Station. We urge the use of Arsenate of Lead on lawns which are located in the Japanese Beetle area. This is important as no matter how good the seed may be, your grass cannot thrive on grub infested soil.

Level the ground as best you can and if planting in Spring or Summer wait two weeks before planting seed in order that some of the weeds may start to grow. These should then be dug out. This delay is not necessary in Fall planting, as there is little to fear from weeds at that time.

On the next page may be found the correct mixtures for use under certain conditions. To plant an ordinary lawn mixture in the shade is like running your automobile on kerosene. The car may run fairly well or perhaps not at all. Landreth Shady Place is really different from the other mixtures and actually contains the grasses which you see growing under the trees in a wild state in almost every pasture. The New Jersey Department of Agriculture has issued special formulas for shade and other unusual conditions, as have many other institutions in various sections of the country. Ask your seed dealer to write the D. Landreth Seed Company for special mixtures for your particular conditions if you do not see what you want listed in this catalog. We have hundreds of formulas known to be good and we can enable you to grow grass where many fail.

Sow the seed evenly, allowing 100 to 125 pounds per acre for best results, or about one pound for 300 square feet. In renovating lawns as much seed need not be used. When watering during the summer months be sure to soak the ground and do not sprinkle as this tends to bring the roots to the surface. Landreth's Grass Seeds are tested by the Pennsylvania Department of Agriculture for purity and germination. They are field-tested on our Bloomsdale Experimental Farm at Bristol, Pennsylvania, and are imported from the finest growing districts in the United States and abroad.



Landreths' Superior Lawn Seed Produces Beautiful Turf

LAWN MIXTURES

There is no greater asset to any building than a well-kept lawn. Cheap mixtures are composed of annual grasses which are hard to cut and must be planted so often that they become expensive. Most of them produce weeds and no end of work, money and time are required for their elimination. Landreths' Lawn Grass Seed contains only the best fancy re-cleaned grasses.

In most localities grass seed is planted from March until the end of June and from the 15th of August until the first killing frost. A bushel of Landreths' Lawn Grass Seed officially weighs 20 pounds but in reality will be heavier. All of Landreths' Lawn Seed is sold under seal. It may be procured in boxes of $\frac{1}{4}$, $\frac{1}{2}$ and 1 pound sizes all wrapped in Moistureproof Cellophane. It is also sold in 1, 2, 3, 5, 10, 20, 50 and 100 pound bags. Every container has a complete record of the analysis and contents of the mixture.

Superior—Containing the famous Creeping Bent Seed, this lawn mixture is recommended where something outstanding is desired. Only perennial grasses are used and clover may be inserted or not according to the customer's desire. 55c per lb. 50c for 50 lbs. or over.

Landreths' Never Die—This is one of the most famous and satisfactory grass seed mixtures on the market today. It contains only proven perennial grasses of beauty and service. 45c per lb. 40c for 50 lbs. or over.

Fairmount Park—We recommend this mixture for poor soil as it will produce a heavy, thick turf and is properly blended to produce good sod throughout the growing season. 40c per lb. 35c for 50 lbs or over.

Bloomsdale—This mixture is composed of an old-fashioned formula of Kentucky Blue Grass, Fancy Re-cleaned Red Top and Creeping Bent. Turf produced from this seed grows better with each succeeding year. This mixture does not contain clover unless specially ordered. 38c per lb. 34c for 50 lbs. or over.

Evergreen—This is a quick growing mixture, free of noxious weed seeds and low in inert matter. You will be pleased with its results. 35c per lb. 30c for 50 lbs. or over.

New York Park—Free from noxious weeds and added chaff. 30c per lb. 25c for 50 lbs. or over.

Popular—Very quick growing. Will prove satisfactory for the price. 25c per lb. 22c for 50 lbs. or over.

Shady Place—If possible plant this mixture very early in the Spring or late in the Autumn for best results. Special shade grasses are used and this mixture is necessary for success in shaded areas. 50c per lb. 45c for 50 lbs. or over.

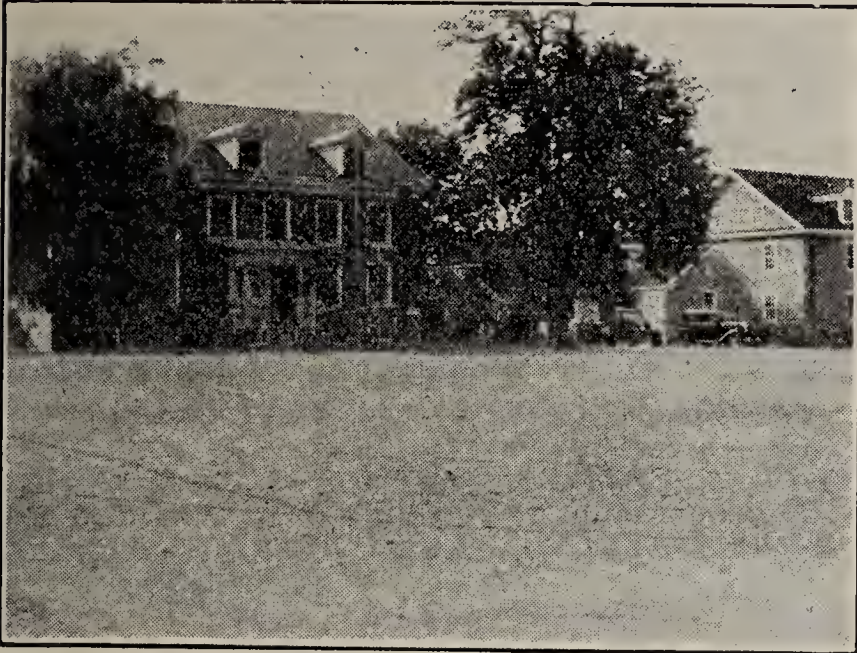
Terrace—Special grasses with deep roots which are particularly drought resistant are necessary for the successful growing of grass on hillsides. This mixture is designed to meet special conditions. 45c per lb. 40c for 50 lbs. or over.

Pasture—Contains seed producing *permanent*, dense and deep-rooting turf of inviting, sweet and nourishing quality. 30c per lb. 25c for 50 lbs. or over.

Southern Winter—Used extensively in the South and contains Rye Grass and Bermuda. 20c per lb. 15c for 50 lbs. or over.

Special Mixtures made up according to your own formula without extra charge

Landreths' Athletic Turf Seed



Before Seeding



Four Months Later

Two photographs of the athletic field of the famous old Germantown Academy, an institution founded in 1760. The first picture shows the field without a blade of grass and covered with stones, in June. The second photo was taken in October during an Inter-academic League football game, after LANDRETHS' TUFFWEAR Seed had been planted.

SPORTS TURF

It is important to have grasses which have long, tough roots and are able to withstand sharp spikes, cleats and drought. In preparing these mixtures we have consulted numerous experts and groundsmen, including the well-known Mr. George M. Woolley, of the Philadelphia Cricket Club, who has had over thirty years' experience with Davis Cup Competition and National Championships. We have taken all types of soil and climates into consideration. Landreths' Athletic Mixtures do not contain clover unless ordered specially. Our grasses are tested by the Penna. Department of Agriculture for purity and germination.

BASEBALL, FOOTBALL, SOCCER AND FIELD HOCKEY

Landreths' Tuffwear—A mixture which will withstand the hard and steady wear from cleats and spikes. The grasses contained are hardy and durable. 40c per lb., 35c for 50 lbs. or over.

TENNIS AND GOLF

Landreths' Ruffwear—This mixture contains a number of grasses properly blended to withstand the dry spells of July and August and the rainy season of Spring. It is used on all parts of the tennis court and golf course fairway, proving the sportman's delight as it remains green the entire playing season and is just made for rough wear. 50c per lb., 45c for 50 lbs. or over.

Easy Eagle—The putting green supreme is formed after seeding with Landreths' Easy Eagle Mixture. It is composed of the finest bent grasses and is smooth, lasting and continually green. Construction, fertilization, drainage and treatment recommendations will be gladly given without charge. 75c per lb., 70c for 50 lbs. or over.

AIR PORT

Keystone State—The grasses used to produce this mixture are those which are particularly recommended by the Bureau of Aeronautics of the United States Department of Agriculture at Washington. 40c per lb., 35c for 50 lbs. or over.

THE BENTS

(These prices are subject to market change)

Colonial—Astoria, Rhode Island, New Zealand and Prince Edward Island Bents (*Agrostis tenuis*)—This is probably the most popular bent used today. Good turf may be produced in one season. It is adapted to both moist and dry soils, clay and sandy soils if well drained, resistant to cold and fairly tolerant of heat and acid soils. It is upright in growth and cannot be classified as a true creeper. Used for golf greens, fairways and lawns. Our stock is Blue tag certified by the Oregon Department of Agriculture. 20 lbs. per bu. 5 lbs. per 1,000 sq. ft. \$1.20 per lb., \$1.00 for 50 lbs. or over.

Seaside (*Agrostis palustris*)—The seed we offer is Sealed and Blue Tag Certified by the Oregon Agricultural Department and is grown in Coos County. It is a true creeping bent. The greatly reduced price now makes it far more practical than before. 18 lbs. per bu. 4 lbs. per 1,000 sq. ft. \$1.20 per lb., \$1.00 for 50 lbs. or over.

South German Mixed—This bent withstands hard usage and is composed of about 75 percent Colonial Bent, 15 percent Velvet Bent and 1 percent Creeping Bent. 20 lbs. per bu. 5 lbs. per 1,000 sq. ft. \$1.20 per lb., \$1.10 for 50 lbs. or over.

Velvet (*Agrostis Canina*)—Supply limited. Ask for special prices.

Write us in regard to your turf problems.

These Prices are
Subject to Market Change

GRASSES

All Seed Tested and Analyzed by
the Penna. Dept. of Agriculture

Bermuda (*Cynodon dactylon*)—35 lbs. per bu. A very rapid creeper. Used in the South. Not very hardy in the North. Perennial. 30c per lb., 25c for 50 lbs. or over.

Blue Grass, Canadian (*Poa compressa*)—14 lbs. per bu. For general use inferior to Kentucky Blue. Superior in dry, shady or impoverished soils. Good pasture grass. Perennial. 35c per lb., 30c for 50 lbs. or over.

Blue Grass, Kentucky (*Poa pratensis*)—14 lbs. per bu. Used a great deal for lawns. Produces a good nutritious pasturage. Deep rooting and attractive color. Perennial. 30c per lb., 25c for 50 lbs. or over.

Crested Dog's Tail (*Cynosurus cristatus*)—50 lbs. per acre. 21 lbs. per bu. Produces a quick growth of short grass. Used for lawns and pastures. Perennial. 40c per lb., 35c for 50 lbs. or over.

Fescue, Chewing's (*Festuca chewings*)—New Zealand Grown. 24 lbs. per bu. This grass succeeds in all kinds of soils. We now import it in refrigerator boats assuring high germination. Excellent shade grass particularly in light soils. Perennial. 40c per lb., 35c for 50 lbs. or over.

Fescue, Fine Leaved (*Festuca tenuifolia*)—A variety of sheep fescue. It is an excellent shade grass, tolerant of heat and dry soil. Dark green in color. Perennial. 75c per lb., 60c for 50 lbs. or over.

Fescue, Meadow or English Blue (*Festuca elatior*)—24 lbs. per bu. Sometimes known as Evergreen Grass. Used for pastures and lawns. Perennial. 20c per lb., 15c for 50 lbs. or over.

Fescue, Red (*Festuca rubra*)—European Grown. 14 lbs. per bu. Very popular for inexpensive putting greens as it forms a close, even sod and withstands close cutting. Excellent for shady lawns. 45c per lb., 40c for 50 lbs. or over.

Fescue, Sheep's (*Festuca ovina*)—14 lbs. per bu. Pastures 30 lbs. per acre. Very similar to *Hard Fescue*. Excellent pasturage with a tendency to grow in tufts. Withstands heat and drought. Perennial. 30c per lb., 25c for 50 lbs. or over.

Orchard Grass (*Dactylis glomerata*)—14 lbs. per bu. One of the most valuable pasturage and hay grasses. Perennial. 25c per lb., 20c for 50 lbs. or over.

Red Top, Fancy Recleaned (*Agrostis alba*)—32 lbs. per bu. Sometimes called Herds Grass. Grows best in rich, moist soils. Excellent for lawn, hay or permanent pasture. Biennial. 20c per lb., 15c for 50 lbs. or over.

Red Top, Ordinary or Unhulled (*Agrostis alba*)—30 lbs. per acre. 14 lbs. per bu. See Fancy Recleaned Red Top. 15c per lb., 10c for 50 lbs. or over.

Rough Stalked Meadow (*Poa trivialis*)—14 lbs. per bu. This grass is known as "The blue grass of the shade," being particularly adapted for shady places. It belongs to the same family as blue grass and has the same characteristics. Not recommended for sunny places. 35c per lb., 30c for 50 lbs. or over.

Rye Grass, Domestic—24 lbs. per bu. For most purposes inferior to other rye grasses. Part annual and part perennial. 16c per lb., 12c for 50 lbs. or over.

Rye Grass, Italian (*Lolium italicum*)—24 lbs. per bu. True imported strain. Good for a quick hay crop. Annual. 17c per lb., 14c for 50 lbs. or over.

Rye Grass, Perennial (*Lolium perenne*)—Often called English Rye Grass. 24 lbs. per bu. Succeeds as a pasturage, hay crop or lawn grass on almost any soil. Quick growing. Perennial. 18c per lb., 14c for 50 lbs. or over.

Rye Grass, Pacey's Strain (Perennial)—22c per lb., 18c for 50 lbs. or over.

Timothy (*Phleum pratense*)—45 lbs. per bu. Used with Red Top for pastures but is not recommended for growing alone. Perennial. 15c per lb., 12c for 50 lbs. or over.

CLOVERS

White Dutch (*Trifolium repens*)—60 lbs. per bu. Used extensively for lawns. We recommend in using this as pasturage to include some perennial grass. Perennial. 60c per lb., 55c for 50 lbs. or over.

Alfalfa (*Medicago sativa*)—20 lbs. per acre. 60 lbs. per bu. Perennial. 25c per lb., 22c for 50 lbs. or over.

Alsike (*Trifolium hybridum*)—12 lbs. per acre. 60 lbs. per bu. Perennial. 25c per lb., 23c for 50 lbs. or over.

Crimson or Scarlet (*Trifolium incarnatum*)—20 lbs., per acre. 60 lbs. per bu. Annual. 15c per lb., 12c for 50 lbs. or over.

Red (*Trifolium pratense*)—12 lbs. per acre. 60 lbs. per bu. Domestic. Perennial. 25c per lb., 22c for 50 lbs. or over.

Sweet Clover, White Blossom (*Melilotus alba*)—18 lbs. per acre. 60 lbs. per bu. Biennial. 15c per lb., 10c for 50 lbs. or over.

MIXED CANARY BIRD SEED—15c per lb.

PARROT SEED—12c per lb.

SEE PLANTING TABLE NEXT PAGE



Landreth's Lawn Grass Seed is sold in moistureproof cellophane cartons and 1, 2, 3, 5, 10, 20, 50 and 100 pound bags. All of Landreth's Grass Seed is sealed. Insist upon sealed Landreth's Seeds as there are many cheap mixtures sold under the term, "Lawn Grass."

QUANTITY OF GRASS AND CLOVER TO SOW PER ACRE

As recommended by the United States Department of Agriculture	LAWNS		PASTURES		As recommended by the United States Department of Agriculture	LAWNS		PASTURES	
	Planted Alone	In Mix- tures	Planted Alone	In Mix- tures		Planted Alone	In Mix- tures	Planted Alone	In Mix- tures
Bermuda.....	125-150	.....	6-8	5-6a	Fescue, Meadow.....	.....	.....	20-25	5-6
Bent Grass, Colonial.....	100	10-15	.....	.....	Fescue, Red (ordinary European).....	.....	50-70	.....	.....
Blue Grass, Canadian.....	15-20	5-6	Orchard Grass.....	.....	.....	20-25	4-5
Blue Grass, Kentucky.....	50-70	15-20	5-6	Red Top, Fancy Recleaned.....	.....	10-15	10-12	2-4
Clover, White Dutch.....	6-7	8-10	3-6	Rough Stalked Meadow.....	.....	50	15-18	5-6
Clover, Alfalfa.....	15-20b	.....	Rye Grass, Domestic.....	125-150	10-15	20-25	3-4
Clover, Crimson.....	15-22	12-15	Rye Grass, Italian.....	.....	10-15	20-25	3-4
Clover, Alsike.....	8	2-4	Rye Grass, Perennial.....	.....	10-15	20-25	3-4
Clover, Red.....	10-15	2-6	Rye Grass, Pacey's.....	.....	.....	15-20	3-4
Clover, White Blossom Sweet.....	15-25	.....	Timothy.....	.....	.....	12-15	4-6
Fescue, Chewing's.....	50-70	.....	.....			

aWith Lespedeza. b8-10 in dry farming areas.

See description of grasses for additional information.

HERBS

Sow One Ounce for
Ten Yards of Row

These impart a strong, spicy taste and odor, and are used in various culinary operations. Those marked with an ★ are perennial, and when once established may be preserved for years. Of such sow the seed very carefully in seed-beds about the middle of Spring, and in the ensuing Autumn or Spring transplant them to convenient situations. The others are annuals, or such as come to perfection the first year and die. To preserve, dry thoroughly, rub the foliage almost to powder and put in jars or bottles and cork tightly.

Anise—55 Days

An annual plant, 14 to 16 inches high. Root and leaf somewhat like celery.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.55.

Borage—60 Days

2 to 2 $\frac{1}{2}$ feet high, coarse growth. Cucumber flavor. Flowers star shaped, blue. Foliage very fuzzy.

Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75.

Caraway—60 Days

1 $\frac{1}{2}$ to 2 feet high. This herb is cultivated for its seeds, which are used in confectionery. Fine green foliage, similar to carrot. Biennial.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Chervil, Curled—60 Days

Stem 16 to 18 inches high. Leaves slight, very much divided. Of a light green color. Leaves aromatic. Used for seasoning in salads.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Coriander—50 Days

Seeds used for confectionery. 24 inches.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Dill, Mammoth—70 Days

The seeds very flat; used in flavoring preserves very largely, also for flavoring pickles. Plant small, feathery; flowers like a mixture of Fennel and Mint. 24 inches in height.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Fennel Florence—60 Days

An annual, low growing, thick set plant. The bulb may be sliced or cooked, but usually boiled. The stalks are often eaten like celery when blanched.

Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75.

★Fennel Sweet—60 Days

Thick set. Tall. Leaves large and finely cut, the plant almost forming a head with a wide, straight interior. 24 inches. Seed shaped like that of a Parsnip. Very small foliage resembling Dill.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

★Lavender—60 Days

Height about 24 inches. Seed slow to germinate. Used for scenting clothes and in manufacturing perfume.

Pkt., 5c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.35; lb., \$4.50.

★Sage—70 Days

Long leaves, gray or silvery in color, strong grower; used for seasoning. Produced in profusion. 12 inches in height.

Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Summer Savory—60 Days

Used for flavoring, fine foliage, flowers small purple.

Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75.

Sweet Basil—60 Days

Tall, light green. Very aromatic. Used for seasoning. Very productive in foliage. 18 inches.

Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75.

★Sweet Marjoram—70 Days 18 inches.

Small mouse-eared foliage. Used for seasoning.

Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.

★Thyme, English—70 Days

Used for seasoning. Small wiry foliage. Dark dull green. 8 inches tall.

Pkt., 5c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

★Thyme, French—70 Days

Common French or Narrow Leaf Thyme. Leaves and young shoots used for seasoning.

Pkt., 5c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

One Ounce of Seed Will
Plant 100 Yards of Row

KOHL RABI

Plant two Pounds per Acre

This plant, used both for table and for cattle feeding, is a Cabbage in which the cultural development has been directed to the stalk, not to leaf. The enlarged stems take the globular form of Turnips. They are in season June, July and August, or at periods when Turnips are not available. Try them when the balls are no longer than a silver dollar. They will be found very appetizing.

The Kohl Rabi is a turnip shape swelling of the stem, in the shape of a ball, the size of a large orange—this occurs near the surface of the earth—these balls when the size of an egg make a very excellent vegetable having the combined flavors of Cabbage and Turnips.

KOHL RABI—Continued

Green or White—Large Rooted—80 Days

A field variety for cattle, three times as large as the table sort.

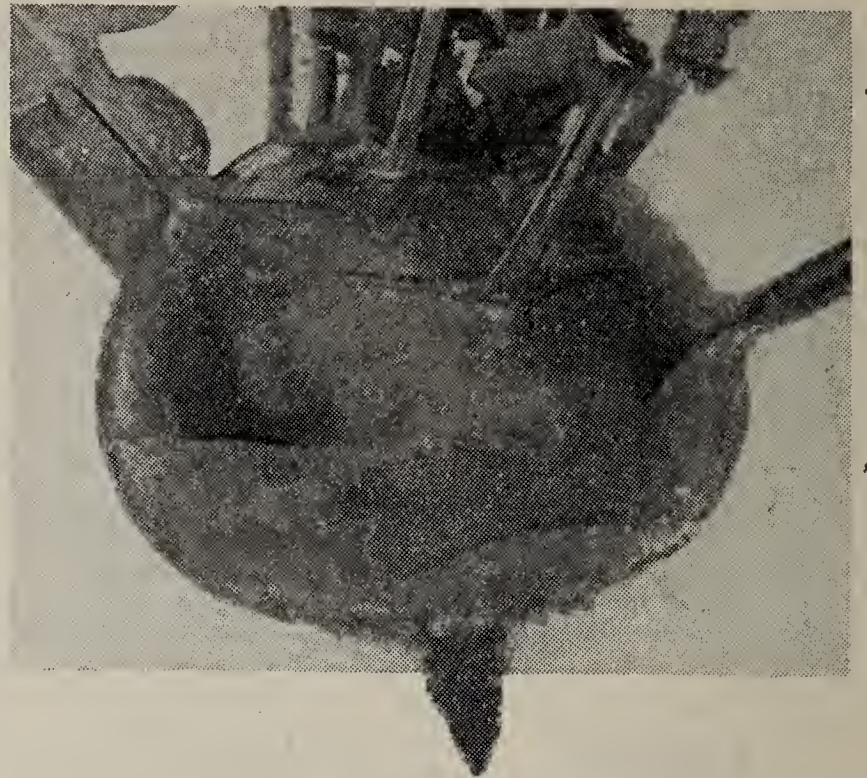
Purple Vienna—60 Days

The bulb of this variety is purple. Green leaves with purple stems. It should be cooked when not over two inches in diameter. In maturity it develops for use with the White Vienna.

White Vienna—60 Days

Very choice stock. Short-leaved, bulb light green, very rapid in growth, early in maturity, fine in texture when eaten, not over two inches and symmetrical in form.

	Pkt.	Oz.	¼ lb.	Lb.
Green or White.....	.05	.20	.60	2.00
Purple Vienna.....	.05	.20	.60	2.00
White Vienna.....	.05	.20	.60	2.00



Purple Vienna Kohl Rabi

One Ounce of Seed Will
Sow 100 Yards of Row

KALE or BORECOLE

Four Pounds to the Acre

Native of Europe about 2000 B. C.

This is a very valuable plant for greens. A curly loose-leaved plant of the Cabbage family, of hardy character and succeeding on almost any soil.

Sow in the early Spring when the Oak is in full leaf, again in the early Autumn. Drill in rows of 2½ feet and thin to 8 or 10 inches, according to vigor of variety. It is a great favorite in the Southern States and is grown very extensively at Norfolk, Virginia, for shipment to the Northern markets during January and February.

BLOOMSDALE DOUBLE EXTRA CURLED— 50 Days

A superior sort, introduced by us in 1894, being very curly, very dark green, so short stemmed that it rests practically on the ground, 9 to 11 inches broad, spreading and far denser in foliage than any other sort. Plants broader than a bushel basket and seeming to hug the earth. More hardy than Dwarf Curled Scotch, passing unharmed through the severest winter as far north as Philadelphia. 9 inches high. The Bloomsdale Kale is more hardy than the Scotch Kale, retaining its good color after cutting and throughout days of transportation,

bringing more money when put upon the market because it is more attractive and appears to be fresher all the time because of its dark green color.

Pkt., .05; oz., .20; ¼ lb., .55; lb., 1.75.

Blue Kale—50 Days

This is Bloomsdale Kale raised in Europe. Not equal to the strain we raise on Bloomsdale Farm under our own supervision.

Pkt., .05; oz., .15; ¼ lb., .40; lb., 1.25.

Dwarf Curled Scotch or Norfolk—55 Days

A very favorite sort for garnishing. Foliage yellowish green, very finely curled. An excellent variety of spreading habit, short stalk. 14 to 16 inches in height.

Pkt., .05; oz., .15; ¼ lb., .30; lb., .85.

Philadelphia Dwf. German or Siberian—60 Days

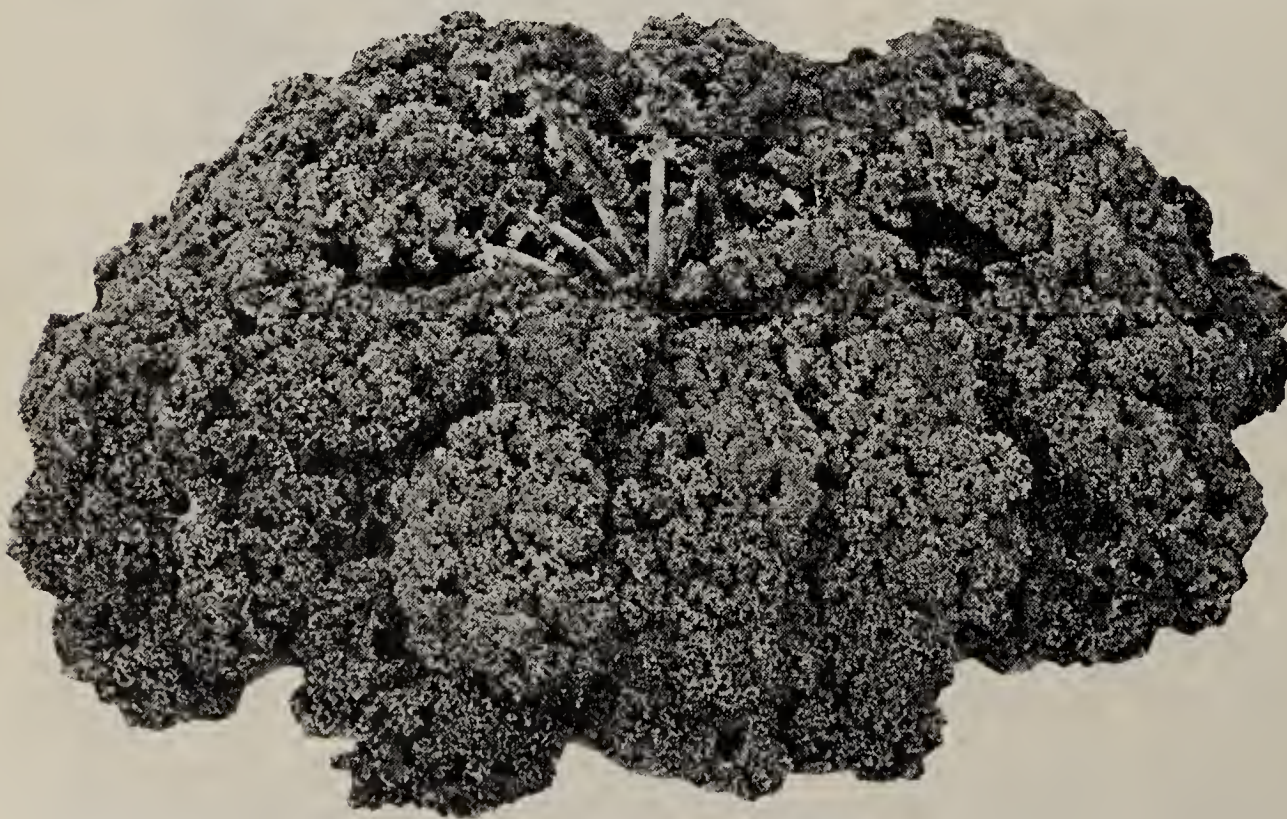
Foliage flat, broad, curled on edges, blue, hardy. Stands a most rigorous Winter. Very vigorous, 16 inches, large leaves, comparatively plain, frequently grown for forage.

Pkt., .05; oz., .15; ¼ lb., .30; lb., .85.

Spring—30 Days

This is a smooth leaved variety, very often planted for table greens and as a feeding crop for pigs and cattle.

Pkt., .05; oz., .10; ¼ lb., .15; lb., .40.



Bloomsdale Double Extra Curled Kale

Two Ounces of Seed Will
Sow 100 Yards of Row

LEEK

Allow Four Pounds
to the Acre

A Native of Switzerland

Sow when the apple is in bloom and again in midsummer. If for permanent position, sow in rows of 2 feet apart; if for transplanting, sow in close beds. To secure a full development, thin out the rows or plant the seedlings at 4 inches apart in the row. Before the danger of hard frost take up the plants and preserve in trenches the same as celery. Yield from about 100 to 150 bushels to the acre.

The Leek in common language may be said to be a cousin of the onion—in flavor it is quite similar. While the onion grows best on dry lands, the Leek flourishes where there is more moisture. The Seed is generally sown in a Seed bed and subsequently transplanted to a more permanent location. It is a strong feeder, frequently growing to twice the size of the largest onion. The edible portion is not the root but an extension upward of the stalk which is bleached like celery, sometimes growing to a length of twelve inches.

Large London or Flag—85 Days

Scotch or Broad Flag—an old standard variety with recurved leaves.

Monstrous Carentan—85 Days

Very superior, large rooted, broad leaved. The largest type and very hardy.

Musselburgh—85 Days

A remarkably large and showy variety. Leaves broad, deep green, and flat. Very popular.



Leek

	Pkt.	Oz.	¼ lb.	Lb.
Carentan.....	.05	.20	.60	2.00
Large London or Flag.....	.05	.20	.60	2.00
Musselburgh.....	.05	.20	.60	2.00

Two Ounces of Seed Will
Plant 100 Yards of Row

LETTUCE

Plant three Pounds to the Acre

Lettuce cultivated in Europe since 1562, origin before that unknown

To have fine Lettuce in early Spring, sow in seed bed in the September preceding, protect the plants during the winter in a box covered with glass or with litter. Early in the Spring transplant half into rich

ground. The other half force to an earlier development under the sash. When ground can be worked, sow in a hot-bed and transplant, but Autumn-sown plants are best. For a later supply, sow in drills when the Cherry tree is in bloom; when up a few inches, thin out, leaving plants 10 to 12 inches apart.



White Big Boston

White Big Boston—70 Days

This variety resembles Big Boston in appearance except that its outer leaves do not turn red and are smoother than most varieties. We consider this strain superior to Big Boston and just as early. It is as productive as the regular Big Boston and is an exceptionally fine lettuce. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

LETTUCE—Continued

CUTTING OR LOOSE-LEAVED SORTS

Black Seeded Simpson—50 Days

Black Seed. A standard loose-leaved American variety. Crisp, yellowish green leaves of large size, grows very quickly, of fine quality. The flavor is excellent; it is the most popular of all the loose-leaved sorts. Color of leaves a lighter yellow than White Seeded Simpson.

Curled Simpson or White Seeded Simpson—50 Days

One of the best known and most popular of the Curled American varieties, of excellent quality. A quick growing, non-heading, crisp sort. Leaves light green, crumpled, very similar in appearance to Black Seeded Simpson, only a more golden yellow.

Curled Silesian—50 Days

Similar to Simpson, quite as durable, and a favorite. White Seed.

Golden Curled—55 Days

White Seed. A golden-leaved sort, producing a medium head of rare excellence, leaves much fluted on the edges. It is curled, crisp, loose, long and pointed. When fully matured the leaves are light yellowish green and very attractive.

Grand Rapids—50 Days

Black Seed. One of the leading American non-heading varieties. Curled, crisp, light green, wavy leaves, very much fringed and curly, cultivated extensively in the West under glass. Very tender

leaves and of fine quality. It is difficult to germinate and planters often condemn the Seed as being unvital when it really has a germinative force of 90 to 95 percent.

Prize Head, Satisfaction or American Gathering—50 Days

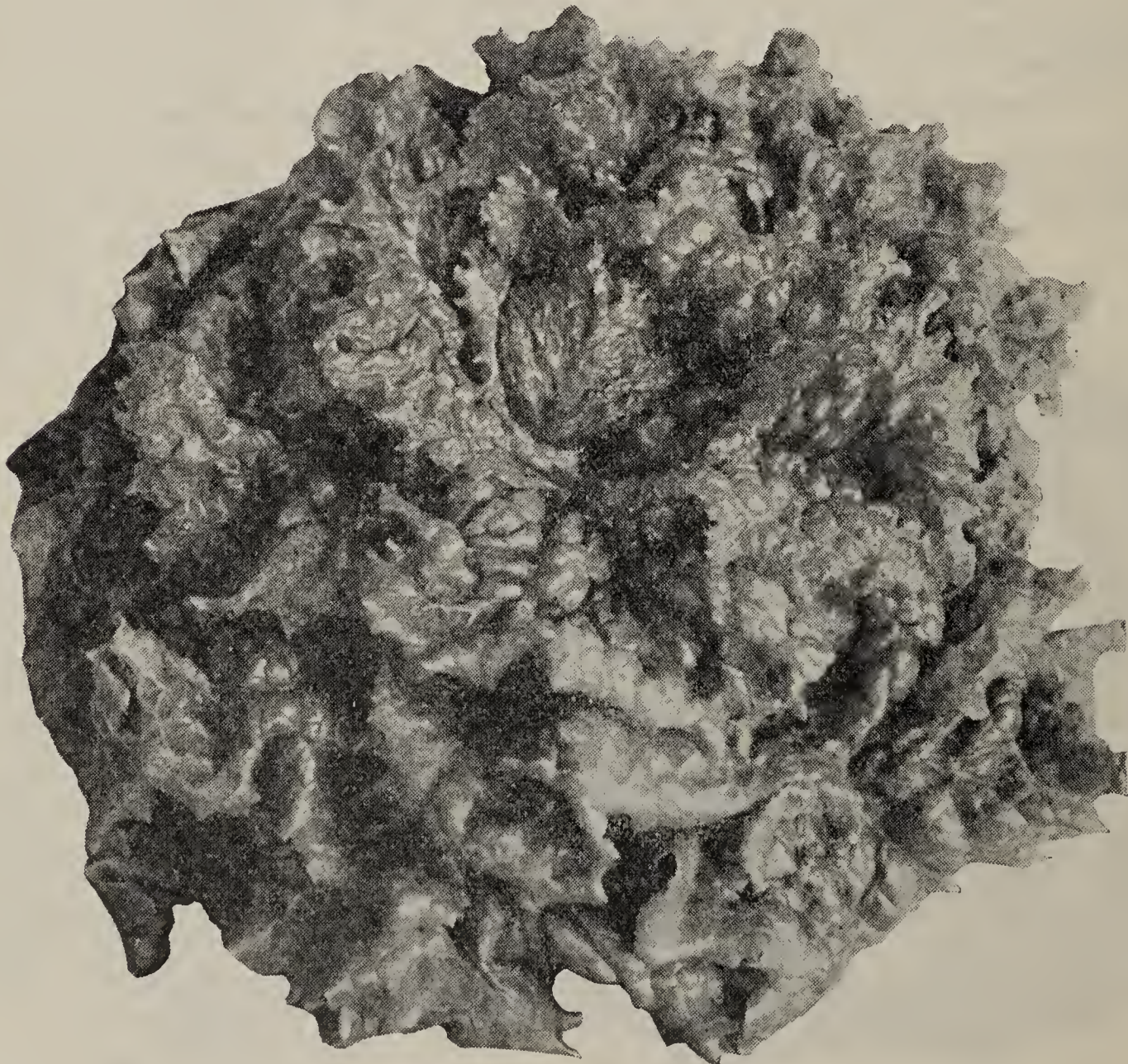
White Seed. A variety used very extensively in the United States. A curly, non-heading, crisp sort, and has the general appearance of bronze all over. The inside leaves are emerald green. A very rapid grower.

HEADING VARIETIES

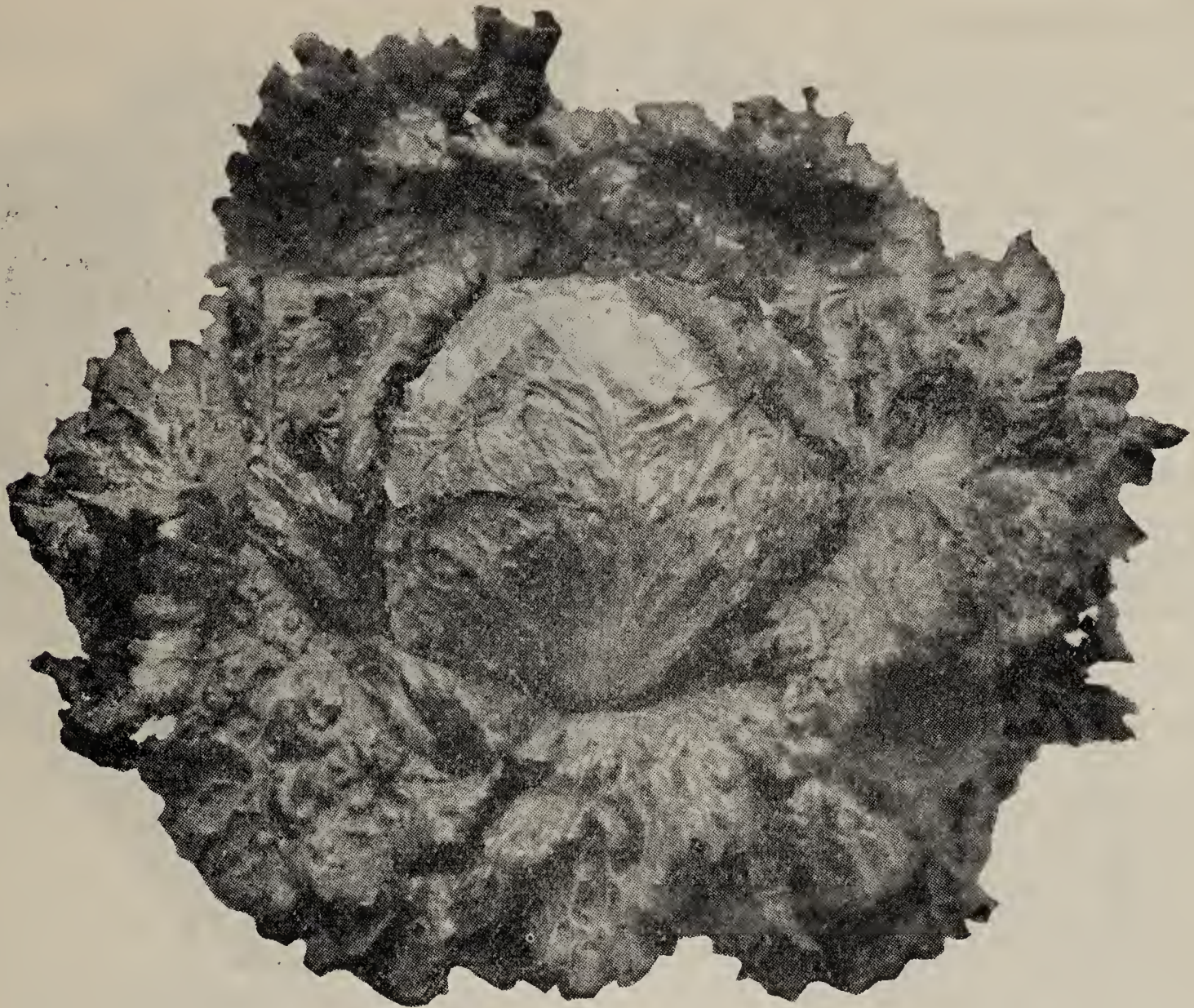
Big Boston, Landreths' Extra Select—70 Days

White Seed. Heads creamy white whether grown in open garden or under glass. Very large, slightly tinged with reddish brown, solid and uniform. It has a high reputation everywhere, but especially in the trucking sections of Texas and Florida. One of the most generally used varieties. We advise all to plant this excellent strain of Big Boston.

	Pkt.	Oz.	¼ lb.	Lb.
Black Seeded Simpson.....	.05	.15	.40	1.35
Curled Simpson.....	.05	.15	.40	1.35
Curled Silesian.....	.05	.15	.40	1.35
Golden Curled.....	.05	.20	.55	1.75
Grand Rapids.....	.05	.15	.40	1.35
Prizehead.....	.05	.15	.40	1.35
Big Boston Extra Select.....	.05	.20	.60	2.00



Black Seeded Simpson



Iceberg

LETTUCE—Continued

Big Boston—70 Days

It is generally known in Europe as "Trocadero Cabbage." White Seed. A reliable, popular and uniform header. Finely shaped, globular, medium light green with a slight tinge of bronze on the margin of the outer edge. Leaves smooth, practically no blisters, very hardy and an excellent shipper.

Brittle Ice—65 Days

White Seed. A strong grower, forming a very large conical, tightly folded head with a very large mid-rib. Its color is distinct, being grayish light green throughout. Is of excellent quality, being crisp and tender. A good shipper.

Bronzed Curled—55 Days

White Seed. A curly heading variety. Medium size. It has dark green, savoyed, curly leaves with exposed parts red.

Brown Dutch—70 Days

Black Seed. A Cabbage butterhead, medium size, dark green, smooth leaves with deep bronzed tinge. A good firm heading sort of excellent quality.

California Cream Butter—68 Days

Black Seed. A sort sometimes called "Royal Summer Cabbage," thick, large leaves, dark glossy green, tinged with brown and spotted, of first-class quality, forms good solid head and is a good shipper.

Hanson or Nonpareil—65 Days

White Seed. One of the standard globular heading varieties of many years, leaves curly with fringed edges, but not as fringed as Grand Rapids, folded so tightly as to make an attractive white interior, very crisp, medium size, light green leaves, heat resisting. Very popular.

Iceberg—60 Days

White Seed. A curled heading, medium large, crisp, green variety, edges fringed and tinged with brown, a sort having outer leaves of strong ribs enclosing an exceedingly crisp and white interior.

May King—60 Days

White Seed. Producing a Cabbage-like head, round and solid, medium size, light green, slightly tinged with brown edges. Is an early and quick grower, extremely good for outdoor culture. A good shipper.

	Pkt.	Oz.	¼ lb.	Lb.
Big Boston.....	.05	.15	.45	1.50
Brittle Ice.....	.05	.20	.55	1.75
Bronze Curled.....	.05	.20	.55	1.75
Brown Dutch.....	.05	.20	.55	1.75
California Cream Butter....	.05	.15	.40	1.35
Hanson.....	.05	.15	.40	1.35
Iceberg.....	.05	.15	.45	1.50
May King.....	.05	.15	.40	1.35

LETTUCE—Continued

New York Green, Wonderful or Los Angeles—75 Days—Sometimes erroneously called Iceberg.

White Seed. Possibly the most sought after Lettuce in the market today, certainly the most talked about. Grown in California and Colorado by the thousands of acres, is the crisp, hard Lettuce which is served so extensively on dining cars and in hotels and restaurants. It is a crisp, large heading variety, dark metallic green and slightly curled on the edges, producing the most solid or compact head of any Lettuce in the market.

New York No. 12—73 Days

An early improved strain of New York for Spring and Summer. It is a well bred selection of this famous lettuce, being lighter in color and more desirable for general planting than any other stock of New York.

Salamander or Black Seeded Tennis Ball—65 Days

Black Seeds, forming a large size, light green compact head with a white heart, very tender and crisp, extremely slow to run to Seed, stands heat. One of the most popular American varieties. The sun cannot be too hot for Salamander as it is one of the best, if not the best, heat resisting Lettuces in the market today.



Paris White Cos

COS or ROMAINE LETTUCE

Cos originated on the Island of Cos near Malta, in the Mediterranean Sea

Green Cos—65 Days

White Seed. Americans familiar with European travel have been delighted with the flavor of the long, spoon-shaped, narrow leaved Lettuce served everywhere and termed Romaine at the hotels, but upon their return home they have not found the Romaine in the American markets. Yet, if they have home gardens, they can grow it themselves to as perfect a condition as observed abroad. Same as Paris White Cos except leaves are dark green.

Paris White Cos or Trianon—65 Days

White Seed. This variety, maturing for table in nine weeks from germination, should be found in every vegetable garden as it is a thoroughly reliable Lettuce. A strong grower and very productive with long, shell-shaped, light green leaves of most excellent quality. It is a self-folder, but when the plant is over half grown, it is best tied up with a soft string or a wisp of grass that the inner leaves may be blanched perfectly white, in which condition they are more crisp and decidedly more palatable than varieties of a Cabbage-heading habit. It is a mystery why it does not displace them, especially as a given amount of ground will produce more than twice the amount of edible leaves than can possibly be obtained from any round-head.

There are a number of Cos Lettuces; none superior to the white and green.

	Pkt.	Oz.	¼ lb.	Lb.
New York Green.....	.05	.20	.55	1.75
New York No. 12.....	.05	.20	.60	2.00
Salamander.....	.05	.15	.40	1.35
Green Cos.....	.05	.15	.45	1.50
Paris White Cos.....	.05	.15	.45	1.50

WHAT IS A CULINARY VEGETABLE?

It is a plant producing, above or below ground a development of edible tissue, as the bulb of a turnip, the enlarged stalk of a kohlrabi, the head of a cabbage or the half abortive or abnormally developed buds of the cauliflower. A culinary vegetable generally requires cooking to fit it for human food, but not always, as exemplified in the radish, lettuce, cress. A culinary vegetable in the exact sense cannot contain seeds, as it is a product developed previous to inflorescence.

Health Value of Fresh Picked Lettuce

Calories per lb., 87.	Vitamines A, B, C, D.
Proteins..... 1.2%	Fats..... .3%
Carbohydrates.... 2.9%	
Minerals	
Potassium.... .339%	Iron..... .0007%
Calcium..... .043%	Chlorine.... .074%
Magnesium... .017%	Sulphur..... .014%
Sodium..... .037%	

Four Ounces of Seed Will
Sow 100 Yards of Row

MUSTARD

Four Pounds Will
Sow an Acre

Of European Origin

In the Spring, when the Pear tree is in bloom or as soon as the ground can be worked, drill in rows 1 foot apart. To have a succession the sowings should be made every two or three weeks till October. Cut young; when old the flavor is strong. Used extensively in the South for greens.

Black or Brown—30 Days

Seed brown. Shoots to seed early. The oldest cultivated mustard. Used for the manufacture of ground mustard.

Bloomsdale Large-leaved—35 Days

Producing, when fully grown, immense leaves which are as long and as broad as Tobacco. These same leaves when size of a man's hand are very tender and palatable as a salad. The leaves when twice that size we recommend for boiling as Spinach. This plant should have a place in every garden. An immense amount of edible and garnishing material can be raised in a very limited space.

Chinese Broad Leaf—45 Days

The mother variety from which Bloomsdale Large-leaved was selected and bred. Largely planted in all places where Mustard is used.

Giant Southern Curled or Creole—35 Days

Leaves large, yellowish green, much crumpled on the edges and very popular. The most popular Mustard on the market today but not equal to Ostrich Plume. Much more in demand and more productive seeder than the Ostrich Plume.

OSTRICH PLUME—40 Days

This sort was grown, named and introduced fifty years ago by the Landreths and is recommended as the best Mustard in cultivation today, for it is more delicate, curly and ornamental than the Giant Southern Curled, and shoots to seed much more slowly than any other sort. It is sometimes called Fordhook Fancy. The light green, long plume-like leaves are very distinct and borne in profusion. It is a very shy seeder, therefore the seed is more expensive than other sorts.



Leaf of Ostrich Plume Mustard

	Pkt.	Oz.	¼ lb.	Lb.
Black or Brown.....	.05	.10	.20	.55
Bloomsdale.....	.05	.10	.25	.70
Chinese.....	.05	.10	.20	.65
Giant Southern Curled.....	.05	.10	.20	.60
Ostrich Plume.....	.05	.10	.25	.75
White or Yellow.....	.05	.10	.20	.55
Mustard Spinach.....	.05	.10	.25	.75

White or Yellow—30 Days

Seeds white and larger than the Brown, similar in habit to Brown, shoots to seed early. This blended with Brown is what is used to make Commercial Mustard, used on the table.

Mustard Spinach or Tendergreen—28 Days

Something new in greens. This vegetable, as its name implies, is a mild Mustard with a distinct Spinach flavor. It is a very rapid grower. Slow to shoot to seed. The first cutting of plants four or five inches long can be made in three or four weeks. It should first be planted in the Spring when greens are most in demand. It withstands heat wonderfully. Plantings made in July make an excellent crop.



Bloomsdale Mustard

Three Ozs. of Seed
Will Plant 100 Yds.
of Row

MUSKMELON or CANTALOUPE

Plant three Lbs. to
the Acre

Cantaloupe is believed to have first come from Africa and was cultivated in the Roman Empire

Cantaloupes, or Citrons, as they are termed in New Jersey, do well upon sod ground or upon land prepared for planting by plowing down a crop of Winter Wheat, or Winter Rye, the sod or straw aerating or keeping loose the soil. No plant is more influenced by the conditions of its growth.

The seed should be planted after corn seeding time or shortly after the apple is in bloom, the hills about 4½ feet in every direction. Two shovelfuls of well-rotted stable manure trampled into each hill and covered with earth will greatly aid growth. Cantaloupe vines are often destroyed by lice.

For a partial protection spray the leaves frequently with Bordeaux Mixture. Cantaloupe vines frequently are blighted by early morning fogs, the leaves appearing afterward as if a flame of fire had passed over the fields.

GREEN FLESHED VARIETIES

Acme or Baltimore—90 Days

A Melon familiar to Baltimore, where it is known as the Baltimore Citron. It is showy, green fleshed, pointed at both ends, nutmeg shaped, ribbed and strongly netted, which fits it for shipment, the netting protecting it from injury.

Anne Arundel—92 Days

A thick, oval melon, and a large type selected from the Acme. Flesh green, sugary, netted and ribbed, and very valuable for family use.

Extra Early Hackensack—88 Days

This Melon is 10 days earlier than the large old-fashioned Hackensack, deeply ribbed, coarse netted, flesh thick, of excellent flavor, flesh and skin green, slightly tinged with yellow. Nearly round, somewhat flattened in shape. One of the old standbys.

Honey Dew—Green Flesh—110 Days

This is a melon known in France as Antipes. Fruits round to oval with smooth, very nearly white skin. Flesh thick, light emerald green when first picked but creamy yellow after stored several days. It is best five or ten days after picking, when the flesh becomes creamy yellow. If picked when slightly green and put in a cool place it will keep from five to six weeks. This is the very popular melon served in the late autumn after all other Cantaloupes are over. Best grown in Colorado and California where it thrives in a long season which is required to mature good fruits.

Jenny Lind Small—86 Days

A small early green fleshed variety, of unsurpassed flavor, much flattened at the poles. We believe this is still the best flavored of all Melons. Very little netting, shallow ribs, a large size button at the blossom ends. Recommended for family gardening rather than for the market, as its small size is against it. This is one of the few varieties which has retained its reputation for years and is very hard to equal as to quality.

Knight's Early, Sweet Air or Maryland—80 Days

Green fleshed, of excellent flavor, by many considered superior to the Rocky Ford. Same general shape, but smaller, sometimes a perfect globe, completely netted, but not so well netted as Rocky Ford, light ribs, a good shipper, very popular with the large grower when it was called Jr. Rocky Ford.

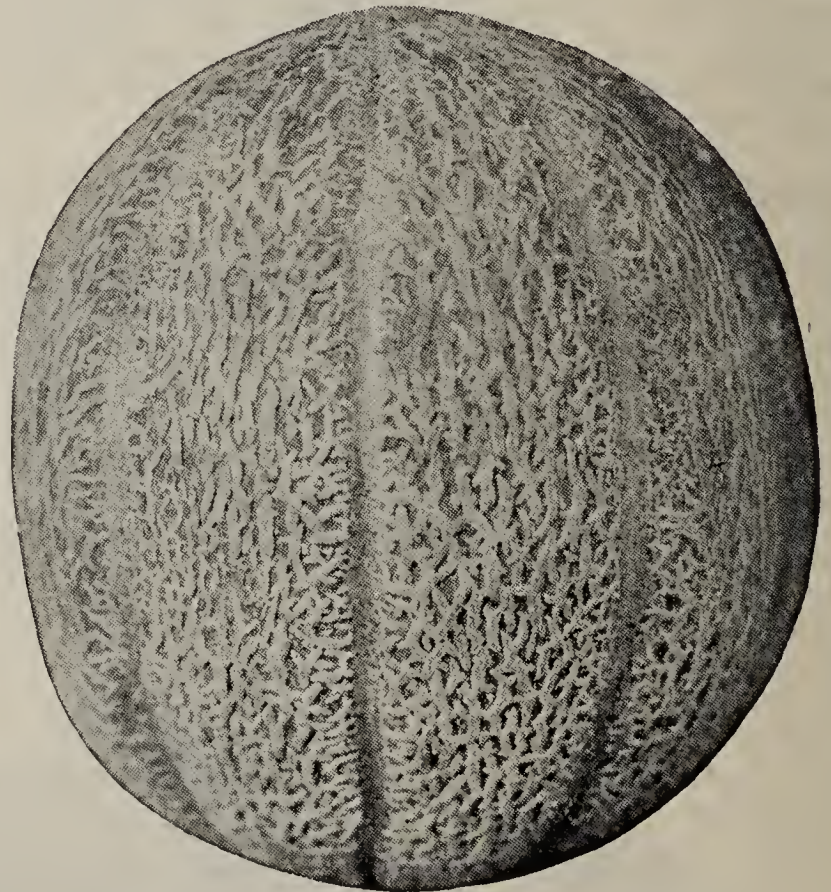
Large Hackensack or Turk's Cap—94 Days

Very large fruit, flattened at the poles, flesh green, a great favorite with the family gardeners. Its large size, however, is against it with Market

Gardeners. It is the best flavored of the very large green Melons, very deeply ribbed and densely covered with a coarse netting.

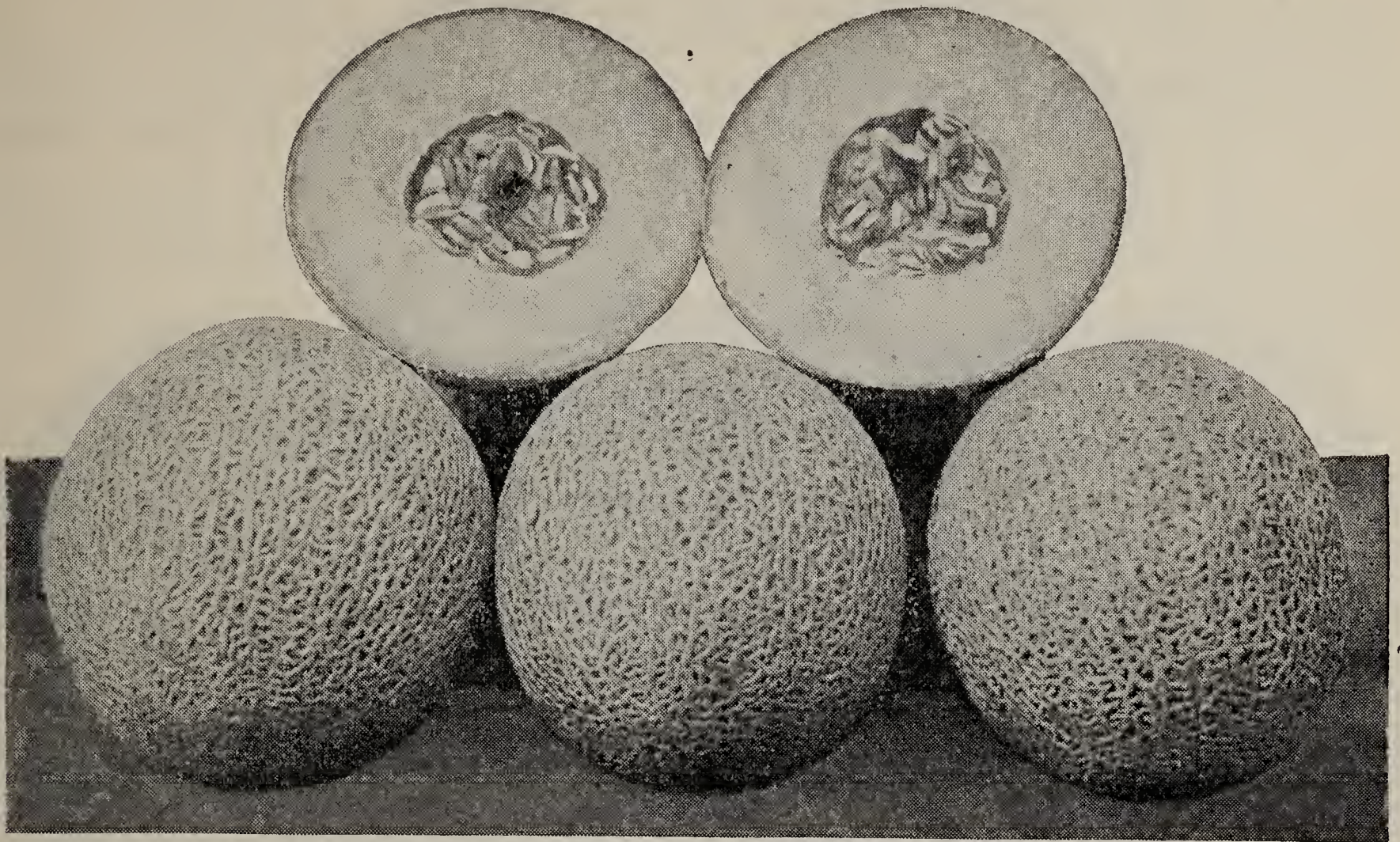
Rocky Ford—Fine Selected—95 Days

Flesh light green with gold tinge in center. Fruit nearly round, small cavity. Netted with grey all over and free from ribs. This is the greatest favorite in the market today, is more extensively grown than all the other Melons in existence. It varies in type and thickness of skin, according to selection. Is a medium early sort with practically no ribs and intense netting.



Knight's Early

	Pkt.	Oz.	¼ lb.	Lb.
Acme or Baltimore.....	.05	.15	.40	1.25
Anne Arundel.....	.05	.15	.40	1.25
Hackensack Early.....	.05	.15	.40	1.20
Honey Dew.....	.05	.15	.40	1.25
Jenny Lind.....	.05	.15	.40	1.20
Knights Early.....	.05	.15	.40	1.25
Large Hackensack.....	.05	.15	.40	1.25
Rocky Ford.....	.05	.15	.40	1.25



Double Select Rocky Ford

Rocky Ford—Landreths' Double Extra Select—95 Days

This seed is saved from hand-selected fruit and is superior to the ordinary field picked strain of Rocky Ford. Flesh light green and of a delicate spicy flavor. Melons nearly round, very small cavity, uniform in size and shape, netted all over with a fine gray tracery, no ribs discernible. Our strain of Rocky Ford seed cannot be excelled by any strain in the market, no matter what price is asked. The Landreths' Double Extra Select Rocky Ford is known throughout all the Melon districts.

YELLOW FLESHED CANTALOUPE

Banana—92 Days

A melon growing 16 inches long, 3½ to 4 inches thick and distinctly tapering at each end. Lemon colored skin, pink flesh, of very fine texture and delicate flavor. To all who enjoy something out of the ordinary we strongly recommend the trying of this variety.

Defender, Burrells Gem or Ordway Pink—86 Days

A celebrated orange fleshed Melon, one of the best of the Rocky Ford Types. Fruit medium size, oval, showing a slight rib and covered with a grayish netting, the flesh is a deep orange yellow. Small cavity.

Emerald Gem—86 Days

A small, very early Melon, form globular, flattened at the poles, ribbed, netted, orange flesh, deep emerald green line under the skin. One of the best for the garden.

Fordhook—86 Days

A thick orange flesh, small cavity melon, well ribbed and heavily netted. Flat at poles, resembles the Jenny Lind in many respects, except in color. Especially popular in New Jersey.

Hale's Best—85 Days

A very early melon. Thick salmon flesh of exceptional thickness, oval in shape with heavy netting and prominent ribs. 8 to 10 days earlier than Rocky Ford. Planted in many sections, its chief value being its remarkable earliness. The earliest melon shipped from California. See photo, page 50.

Hearts of Gold or Hoo Doo—90 Days

An orange fleshed, medium sized, almost round shaped, good shipping variety. Fine netting extending over the whole surface, a fine highly colored melon of good shipping qualities.

Osage or Millers Cream—92 Days

Fruit medium size, oval, slightly ribbed, dark green in color, covered more or less with a shallow netting, flesh deep salmon color and very thick. Very valuable for home consumption.

	Pkt.	Oz.	¼ lb.	Lb.
Rocky Ford Double Select . . . . .	.05	.25	.70	2.25
Banana . . . . .	.05	.15	.40	1.25
Defender . . . . .	.05	.15	.40	1.25
Emerald Gem . . . . .	.05	.15	.40	1.25
Fordhook . . . . .	.05	.15	.40	1.25
Hale's Best . . . . .	.05	.15	.40	1.25
Hearts of Gold . . . . .	.05	.15	.40	1.25
Osage . . . . .	.05	.15	.40	1.25



Hale's Best

Pearly Pink—95 Days

This variety is one of the best introductions in years, for it is a sure cropper, of excellent quality and a splendid shipper. It is oval in shape, heavily netted. Skin is a beautiful shade of pearl. Is larger than Rocky Ford, melons weighing close to three pounds and are very uniform in size, which together with its hard rind and splendid carrying

qualities makes it very popular with the shipper. Flesh deep pink in color, very fine texture and of superior spicy flavor.

Pollock No. 10-25—95 Days

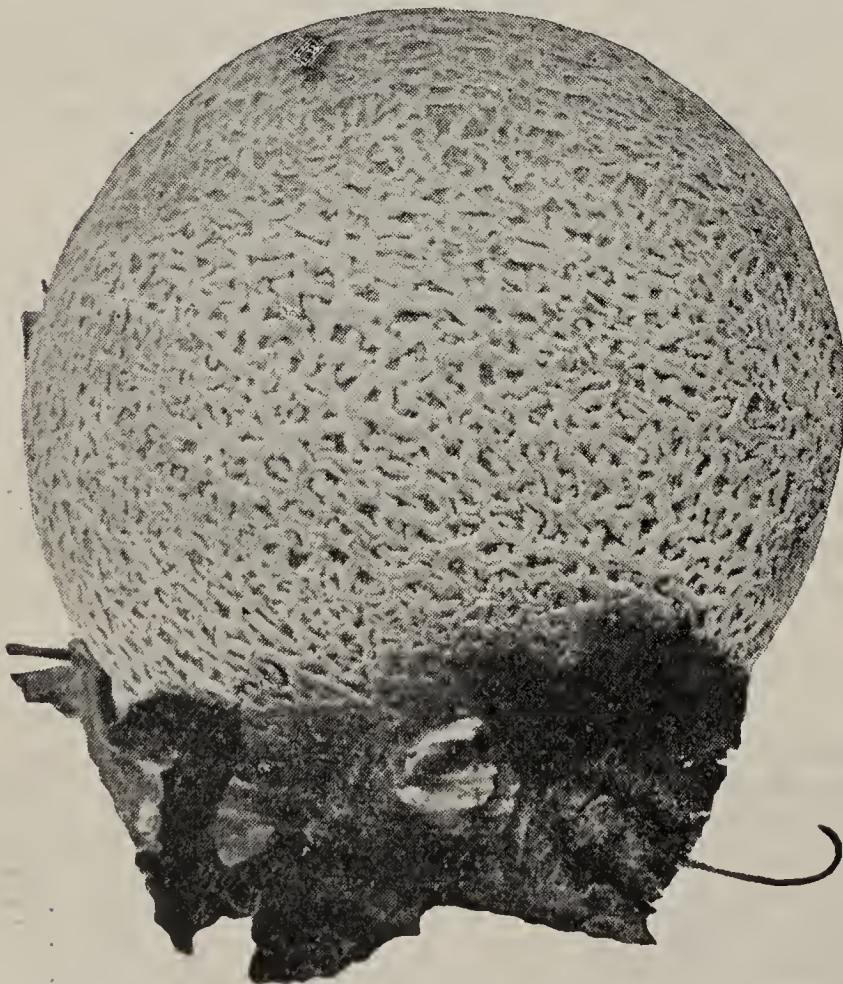
The best known today of the famous salmon-fleshed Cantaloupes. The fruit is quite round, heavily netted, no ribs, small cavity, excellent flavor. This variety has a reputation of being the best rust-resistant of any Melon. We cannot praise our stocks of this too highly.

Surprise or Tip Top—95 Days

Very productive, medium size, fruit nearly round although sometimes a little flat, color grayish green, deep ribbed and very little if any netting. Flesh "deep salmon," sweet and of such exquisite flavor that it has put this sort in high favor with the melon specialist, not only in northern New York State, but wherever quality is of prime importance.

Surprise—Bender's—95 Days

This is larger than ordinary Surprise, ribbed slightly, hard and netted. Its coarse netting, heavy rind gives it good shipping qualities. The shape is similar to Surprise or Tip Top.



Pollock No. 10-25

	Pkt.	Oz.	¼ lb.	Lb.
Pearly Pink.....	.05	.15	.40	1.30
Pollock 10-25..	.05	.15	.40	1.25
Surprise or Tip Top.....	.05	.15	.40	1.25
Surprise-Bender's.....	.05	.15	.40	1.25

COPIES OF OLD LEDGER ACCOUNTS

In 1902 we had a disastrous fire which burned up a portion of our office and nearly all our old books and records. Some, however, were saved and from them we find among the charge accounts, the following. We are only recording one order of each, although in every instance mentioned below these orders were followed by many more for years—

February 24, 1818:

Pennsylvania Hospital:
 19 Linden Trees, at \$2.00 \$38.00
 2 Balm of Giliaas 4.00
 2 Cypress 2.00

April 1, 1819:

To the City of Philadelphia to be planted
 in the State House yard:
 24 Linden Trees, at \$1.50 ea. \$36.00
 1 Dogwood39
 1 Staphelia50
 1 Scarlet Maples 2.00
 2 Judas Trees 2.00

April 12, 1819:

For Friends Meeting House, 12th Street:
 1 Pine Tree \$1.50
 1 Hemlock Spruce 1.00

March 17, 1820:

For planting in Washington Square:
 2 Balm of Gilead \$3.00
 2 Hemlock Spruce 4.00
 4 old trees replaced 11.25
 2 Linden Trees 1.75
 2 Magnolias 1.25

April 4, 1820:

Philadelphia Alms House:
 6 qts. Peas \$1.80
 2 oz. Lettuce40
 3 oz. Beet30
 3 oz. Parsnip20
 1 oz. Cucumber25
 1 oz. Lettuce25
 1 oz. Radish15
 8000 Cabbage Plants 24.00
 Other Seeds and Plants 20.00

April 10, 1820:

Count de Survilliers—Was Joseph Bone-
 parte, King of Spain, living at Borden-
 town, N. J.:
 Various plants \$6.37
 12 Pine Trees 12.00
 Various Trees 14.65

November 22, 1820:

Philadelphia Dispensary:
 4 Linden Trees \$4.00
 1 Pruning Shears 1.50

December 1, 1820:

Bishop White, "first Episcopal Bishop of
 Pennsylvania":
 Various Seeds \$1.50

March 22, 1821:

For Catholic Asylum, cor. 6th and Spruce:
 2 Linden Trees \$2.00

April 2, 1821:

Golden Swan—money to be received at the
 Bank of Schuylkill for two ornamental
 trees \$4.00

June 7, 1821:

Bank of North America:
 Cash in full \$4.00

June 23, 1821:

For Philadelphia Bank Grounds:
 1 Snowberry \$1.00
 1 Louis Currant 1.00
 Ordered by McA. Rau

October 2, 1821:

Spanish Minister to the United States, 69
 Spruce Street:
 Seeds and Trees \$25.33

March 15, 1822:

James Yard, Walnut Street Wharf, for
 himself:
 10 Linden Trees and packing \$15.50

For the President of the U. S.,
 Hon. James Monroe, 4 bundles
 of fruit and ornamental trees,
 ordered by a Mr. Waddell \$28.00

April 13, 1822:

The Southworth Academy:
 2 Lombardy Poplars \$2.75

November 24, 1822:

City Commissioners:
 1 pr. Pruning Shears \$1.00
 5 lbs. White Clover 2.50

The Columns of American Newspapers and Magazines During the 18th, 19th and 20th Centuries
Have Continuously Carried Landreth Advertising. We Have Many Old Copies of
These Publications and Are Reproducing Several Which Give Particular
Insight into the Early Days of the Landreth Business.

From Dunlop & Claypoole's American Daily Advertiser — Philadelphia, March 6, 1795

GARDEN SEEDS

A fresh and general assortment, such as has not been introduced into this part of the country before. A choice collection of Pease, Beans, Cabbage, Cauliflowers, &c, &c. For sale by the subscriber, fourth side of the Courthouse, Market Street, Philadelphia.

“DAVID LANDRETH”

From Relf's Philadelphia Gazette — March 7, 1808

GARDENING

David & Cuthbert Landreth, Seed Nursermen, beg leave to inform the public that they continue to carry on their business as heretofore at their Seed Shop in Market St., near 12th, also at their Nursery, Federal St., near the Arsenal, and in the Market, S. E. Corner of the Old Court House, every forenoon, Sunday excepted, where they have constantly for sale a general assortment of Garden and Flower Seeds, which they warrant to be fresh and genuine in their kinds, also a large selection of the choicest kinds of Fruit Trees, a large collection of Forest Trees, Evergreens, and Flowering Shrubs, Bulbous Roots, &c., &c. Also a large and curious collection of Green House Plants. They have now on hand a large quantity of Thorns in fine condition for planting out in Hedges and intend keeping a large supply for the future, where such Gentlemen and Farmers as are desirous of adopting the useful improvement of Hedges may be supplied at a reasonable rate.

From Charleston Courier — November 9, 1821

GARDEN SEEDS

The growth of 1821 for sale at No. 228 King Street, in the Bends.

The subscriber respectfully informs the public that he has just arrived from Philadelphia with a large and general assortment of Garden Seeds. The growth of the last Summer from the Gardens and Nurseries of David & Cuthbert Landreth, which he warrants fresh and genuine.

All orders directed to him will meet with immediate attention, and from the known quality of the stock he is certain of giving satisfaction.

Agent for D. & C. Landreth

From News and Courier — Charleston, August 26, 1829

FRESH SEEDS

D. Landreth, respectfully informs his friends and customers, that he has removed his agricultural and horticultural Establishment to 241 King Street, opposite Hasell Street, where he has just received from Philadelphia a fresh supply of ruta baga, early Dutch, spinage, white mustard, and other green seeds, all warranted of the present year's growth. D. L. intends visiting the North in three or four days—any orders for fruit or ornamental trees will be received and attended to.

150th ANNIVERSARY

A Brief History

of the

Landreth Seed Business

1784

1934



IN the publication of this catalog for 1934, it is with a great deal of pride that we of the present firm of the D. Landreth Seed Company, commemorate the 150th year of our business, started by our great grandfather, David Landreth, in Philadelphia in 1784. It is also with pride and satisfaction that we point to the fact that there are only about ten business houses, as far as we can learn, in any business whatever in the United States, who have continued longer than this Company in direct descent from father to son.

The Landreth Nursery and Seed Business was established in Philadelphia in the spring of 1784. Its founder, David Landreth (1752-1836), was the son of a Northumberland farmer who had in England applied himself to the business of tree growing. He emigrated to Canada in 1781, and shortly after, removed to Philadelphia. The first place of business was in Philadelphia, on High Street, the position now being covered by the buildings, 1210 and 1212 Market Street, then a location well out in the country. Adjoining land was rented, the largest section being a tract which now includes Twelfth and Filbert Streets.

The original firm was David Landreth. The Landreth Nursery and Seed Gardens in the "Neck," as it was called, were operated in 1789 on rented land. A portion of the tract was a little later purchased, and an adjoining tract purchased in 1799. David Landreth sold trees, shrubs and garden seeds to General Washington at Mount Vernon, to Thomas Jefferson at Monticello, and to Joseph Bonaparte, ex-king of Spain, in 1818 for his palatial house and grounds at Bordentown, N. J.

In 1787 David Landreth was joined by his brother, Cuthbert, and in 1790 the firm-title became David & Cuthbert Landreth. The old mansion house on the nursery grounds, which, embowered in vines and surrounded by rare shrubs and trees, had become one of the show places of Philadelphia, was, in 1847, sold to the school board of Philadelphia. It was designated as the David Landreth School, subsequently destroyed by fire and a new building erected under the same name, which now in 1934 houses over 2,000 students.

From the Landreth nurseries were drawn many of the specimens of fine trees which still embellish the

old country-seats around Philadelphia. Fine examples of these trees are to be seen in the oldest ashes, elms, birches, oaks, buttonwood and linden trees of Washington and Independence Squares, these being planted about the beginning of the 19th century.

In 1808 David & Cuthbert Landreth conducted business at three locations: at the seed store on Market Street near Twelfth Street; at the southeast corner of the old courthouse; and at the nursery on Federal Street. In 1810 a seed store was also established on Second Street below Market.

In 1818 another branch was established in Charleston, S. C., and subsequently the property, Nos. 351 and 353 King Street, were purchased and the business continued until the real estate and merchandise were confiscated, April 22, 1862, by order of the District Court of the Confederate States.

In 1820 the Landreth seed store removed from Second Street to Chestnut Street below Third.

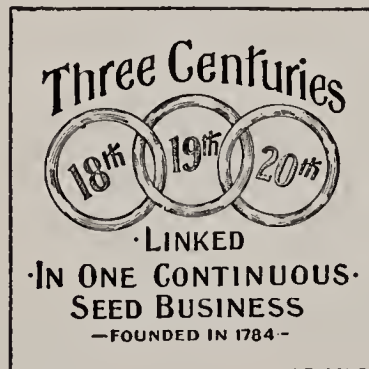
Twelve years later David Landreth, 1st, began the issue of the Floral Magazine, the first horticultural journal ever published in America, a very attractive and technical publication, of which we still have three numbers which have been the means of settling several important horticultural discussions.

In 1847 the Farm was removed from Philadelphia to Bloomsdale Farms, Bristol, Bucks County, Pa.

In 1854 a branch was established in St. Louis, Mo., but closed upon the outbreak of the Civil War.

In 1875 the firm's name which had been D. Landreth & Son since 1860, was changed to D. Landreth & Sons, the partners being David Landreth, Jr., and his sons, Oliver, Burnet, and Leopold Landreth.

In 1876 Burnet Landreth was chosen as the chief of the Bureau of Agriculture at the United States Centennial Commission of the International Exhibition held in Philadelphia. In 1878 he was significantly honored by a summons by President Hayes to Washington and offered the position of Commissioner of Agriculture of the United States, corresponding to the Secretary of Agriculture, although then not a cabinet office, which he respectfully declined with thanks. On February 22, 1880, David Landreth, Jr., died, and the business was conducted by his sons, Oliver, Burnet, and Leopold.



A History of the Business—Continued

David Landreth, Jr., was an agriculturist of rare experience and ability—a rapid, pleasing writer on rural topics. In 1827 he was one of the founders and, in 1828 and the seven years following, the corresponding secretary of the Pennsylvania Horticultural Society, the mother of all similar societies in the United States. His firm was one of the first manufacturers of mowing machines in the United States, having operated a machine shop at Bristol, Pa. In 1849 he was one of the 11 founders of the Farmers Club of Pennsylvania, still in existence.

Oliver Landreth having served faithfully from 1858 to 1897 as senior partner after his father's death in 1880, died in November, 1897. He was much interested in the Episcopal Church, being a Sunday School Superintendent for years; Rector's warden of old St. Andrew's Church of Philadelphia, on the Board of Directors of the Episcopal Hospital in Philadelphia, and a member of the standing committee of the diocese of Pennsylvania.

The title was changed in 1904 to D. Landreth Seed Company, Burnet Landreth being elected president. His sons, Burnet Landreth, Jr. and Symington Phillips Landreth being admitted to partnership in the business, and being joined in 1906 by David Landreth, 4th.

Leopold Landreth after many years of service died in November, 1912.

Wm. Linton Landreth, second son of Oliver Landreth, entered the business in 1885 and continued until 1902, when he retired.

In 1915 there were four Landreths in the business, direct descendants: Burnet Landreth, of the third generation; Burnet Landreth, Jr., Symington Phillips Landreth, and David Landreth, 4th, of the fourth generation.

In 1917, as a war measure, over one third of the Bloomsdale Farm, including all the buildings and the river frontage, was taken over by the United States Government for the Merchants Shipyard, where 40 ocean steamships were built; thereupon, the D. Landreth Seed Company office and warehouse were forced to move to the town of Bristol, two miles below, where a large stone building, offering greater facilities for storage, was purchased (see photograph). After the War, a large portion was re-purchased and is again in possession of the Landreth Seed Company (see photograph of the large stone barn built in 1807).

The President, Burnet Landreth, up to 1928 was twice decorated by the French Government for services to Agriculture, first being made a member of the Legion of Honor. Among his many achievements were:

President for many years of the Pennsylvania Forestry Association; Founder and President until his death of the Association of Centenary Firms and Corporations of the United States (the only Association of its kind in the world); Vice President of the Philadelphia Society for the Promotion of Agriculture; Chevalier de Merite Agricole de France, Legionne D'Honneur; Fellow of the Horticultural Society of London; Officier Merite Agricole de France; Member of the Pennsylvania Horticultural Society; Foreign Member Scottish Arboricultural Society; Member of the Philosophical Society; Foreign Member of the Royal Agricultural Society of Sweden; Honorary Member of the Agricultural Society of Brazil; Foreign Member Society of Agriculture of Chili; Foreign Member of the Imperial Japanese Agricultural Society; Member of the Society of Arts of London; Foreign Member of the Society of Agriculture of France; Honorary Member of the Horticultural Society of India; Honorary Member of the Agricultural Society of Hungary.

On December 2, 1928, Burnet Landreth died and was succeeded by his son Burnet Landreth, Jr., as President and Treasurer, and his other two sons, S. Phillips Landreth and David Landreth, 4th, as Secretary, and Assistant Secretary.

In addition to these officers, two great, great, grandsons of David Landreth—Burnet Landreth, 3rd, and Charles H. Landreth, sons of Burnet Landreth, Jr., are now connected with the business, making the fifth generation that has carried on the seed business started by their great, great, grandfather, David Landreth.



FIRST FARM OF LANDRETHS'



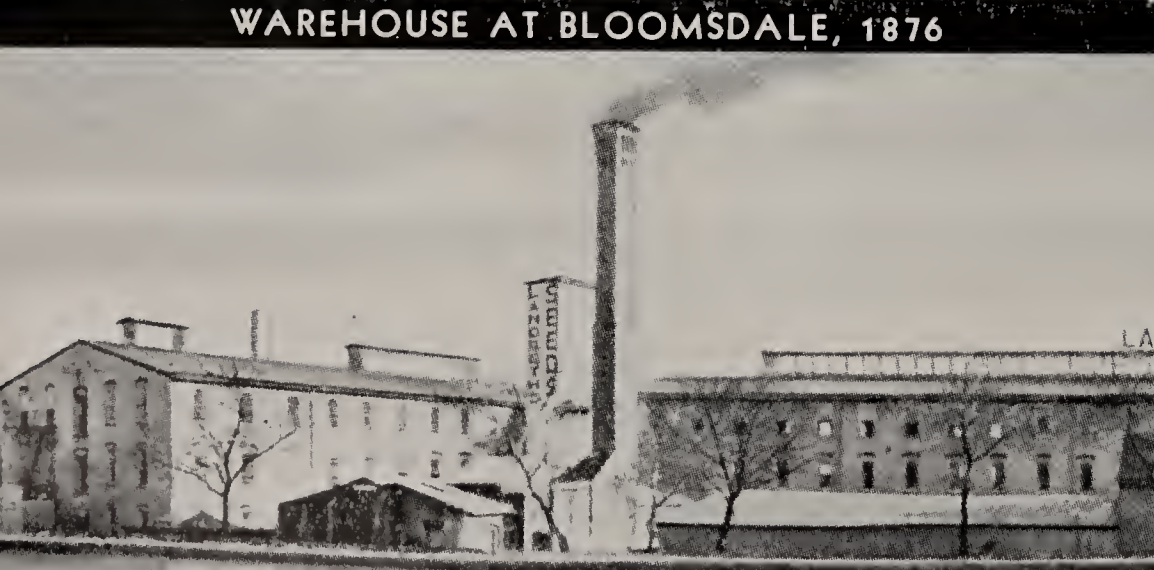
LANDRETH SEED STORE, 3rd AND CHESTNUT STS., 1835



OLD STONE BARN AT BLOOMSDALE, BUILT 1807



WAREHOUSE AT BLOOMSDALE, 1876



WAREHOUSE AT BRISTOL, 1918

FAIR DEALING, DEPENDABILITY AND FRIENDSHIP ARE FAR GREATER THAN RICHES

HEINITSH DRUG STORE

TELEPHONES
91 AND 1376

Drugs

AGENTS
MAILLARD'S CANDY

SPARTANBURG, S. C., October 20, 1933.

Landreth Seed Co.
Bristol, Penn.

Dear Sir:-

Our family commenced the purchase of Landreth's seed 138 years ago, and have continued to purchase to this day, to our satisfaction and the satisfaction of our customers.

Yours very truly,

H. E. Heinitsh

Heinitsh Drug Store.

SCOTT W. BAKER, TREASURER

SAMUEL B. SMITH, SECRETARY

STEINMAN HARDWARE COMPANY
INCORPORATED 1906
ESTABLISHED 1744
THE OLDEST HARDWARE STORE IN THE UNITED STATES
WHOLESALE HARDWARE
26 AND 28 WEST KING ST.
LANCASTER, PA.
October 24, 1933

STOVES
FURNACES
PAINTS
OILS & GLASS
SADDLERY HARDWARE
HOUSE FURNISHINGS
AUTO ACCESSORIES
IRON & STEEL

D. Landreth Seed Company
Bristol, Pa.

Att: Mr. S. Philips Landreth

Gentlemen:

It give us a great pleasure to advise you that the Steinman Hardware Company was established in the year 1744, and are still doing business at the same place and under the same name.

According to our records, The Steinman Hardware Company started to purchase Landreth Seeds 128 years ago, and during that long period we did not miss a single year, and have not found anyother brand of seed of greater reliability.

We hope you and yours will be in the seed business many more years and will continue your fair and square dealing such as we have always had with you.

With kind regards, we are

Yours very truly,
STEINMAN HARDWARE COMPANY

Samuel B. Smith
Secretary

W. A. MacCalla President

M. S. MacCalla Treasurer

P. S. MacCalla

MACCALLA & COMPANY INC.
Printers & Publishers

3640 MARKET ST. PHILADELPHIA
PENNSYLVANIA

Mr. Burnet Landreth, Jr.,
Bristol, Pa.

November 2, 1933.

Dear Mr. Landreth:-

For 112 years the House of Landreth and the House of MacCalla have enjoyed unusually satisfactory, as well as very pleasant business relations.

In May 1921, on the One Hundreth Anniversary of my Company, I wrote expressing the deep appreciation we felt in having printed for your house during our entire business life.

This One Hundred and Twelve years of confidence of the D. Landreth Seed Company, is something of which we proudly boast.

Your Company is a much older concern than my Company, having been established in 1784. The House of Landreth is known all over the world. The prestige of a name is something of which you must be exceedingly proud.

I hope the friendly relations which have existed over a century between our families, will continue thru many more generations.

th best regards, I am

Sincerely yours

W. A. MacCalla

THE CONFIDENCE OF CUSTOMERS IS PARAMOUNT FOR SUCCESS

A GROUP OF ADVERTIS

DUPONT'S GUNPOWDER.

FRANCIS G. SMITH, No. 34 South Front st,
agent for the sale of Dupont's Gunpowder.

ROHAN POTATOES

ONE of the most interesting things at the Cattle Show last week, was the mighty product from a few Rohan Potatoes. It is a new species, very large, excellent in quality, and productive beyond all other potatoes. One potato, presented by Mr. Colman last year to Mr. William Clark Jr., of this town, was planted by him, and the product this fall is two and a quarter bushels! Mr. Charles Nichols, from one peck of the same kind, has raised this year sixteen and a half bushels! Mr. Roswell Hubbard also raised from four pounds of the Rohans, 18 bushels which weighed 1173 pounds! Such productions exceed any thing of the kind ever before known in these parts."—Northampton Courier.

A small quantity of the above, for seed, on sale at
LANDRETH & Co's.,
63 Chestnut street.

THE MUSEUM OF FOREIGN LITERATURE, SCIENCE AND ART,

for sale by
Feb 7

LANDRETH'S GARDEN SEEDS.

WARRANTED.

D. LANDRETH & Co. (late D. & C. Landreth) No. 63 Chestnut street, have now on sale a good supply of GARDEN SEEDS of their own raising, warranted to prove as represented both in variety and quality. Assortments adapted to every climate speedily put up to order, large or small.
Orders received for Fruit and Ornamental Trees, Shrubs and Ornamental plants, to be supplied from the collection of Mr. Thomas Landreth.
mar 14, 1828

NINE FANCY SOAPS.—5 cases, 510 dozen
superior Paris made Toilet Soaps—consisting

FAYETTEVILLE, ARK'S.
March 25, 1854.

"Landreth's Garden Seeds"



RECEIVED this day per
wagons, our usual large
and varied supply of the
celebrated Landreth's Seed
which for quality and pu-
rity, can't be beat.
Orders thankfully re-
ceived and promptly exe-
cuted by

Also for sale by J. W. Chew, Fayetteville.
M. MAYERS & BRO.,
Druggists
Fort Smith, Ark.

Feb. 25, '54.—tf.

CHINA CORN.

JUST received a small parcel of this Tree or
Branching Corn, famous for its earliness and
great production.

Also, ROHAN POTATOES AND POTATO
OATS. Apply to

D. LANDRETH & Co.
nov 16, 1830 63 Chestnut street.

1828
march 25
Mr George Roberts Bought
D. & C. Landreth

To 2 Junipers @ 3/9	—	7-6
1 Broom	—	1-10
2 arbutus	—	7-6
2 mock oranges	—	3-9
1 Rhododendron	—	3-9
2 Horse Chestnuts @ 3/9	—	7-6
1 Sweet scented Shrub	—	2-6
1 Laburnum	—	1-10
2 Snowballs	—	3-9
2 Franklincas 7/6	—	15-
1 Helesiatetrapta	—	1-10
1 Rhus cotinus	—	1-10
2 Cactras	—	3-9
2 Sta Virginias	—	3-9
2 Red Cornices	—	3-9
2 Phytadelfus Inodores	—	3-9
1 Yellow jessamin	—	1-10

DR 5.50
GR 5.50
\$10.10
L 3.45 9.2

Mr Manuel Cypre
1830
April 19. To 3 Linden Trees 4.50
1 Ash 1.00
1 Maple 1.00
Picking 1874
668 1/4
June 1830

FROM THE INQUIRER, October 9, 1833
MAMMOTH STRAWBERRIES
FOR SALE, a few dozen vines of the imported
Keen's seeding Strawberries, the fruit of which
were of enormous size of 5 inches in circumfer-
ence, and for which the Pennsylvania Horticul-
tural Society awarded a premium to the Sub-
scribers, the present year. Price, 1 dollar a
dozen. D. & L. LANDRETH, 85 Chestnut St.

MENTS AND OLD BILLS

First Advertisement May 21, 1784

thornles. By Mr. Abs. Buell. May 22.

A fresh IMPORTATION of Choice Garden Seeds,

By a Person lately arrived from London, who, from a thorough knowledge of the Gardening Business, hopes to establish himself in or near this city, as a Nurfferyman, Seedman and Florist, now offers this Assortment, as a Sample, on very low Terms; they consist of a considerable Variety—Among which are,

TRUE early and best late colliflower, most of the approved brocolis, red cabbage, with a variety of the other choice kinds, from the earliest heads, and in due succession to the latest winter favoys and greens, peas and beans of every curious and valuable kind, true early, London, short top'd, best salmon and real turnip-rooted radishes, leatices in variety, onions, leeks, beets, parsnips and carrots, with most other approved kitchen garden seeds; a variety of sweet herbs and a curious collection of best flower seeds, in small lots or assortments.

The above are now selling by Mr. WILLIAM WOODHOUSE, Bookseller and Stationer, in Front-street, next door to the Coffee-house, and at lower rates than the common seeds sell in the market. DAVID LANDRETH, May 21, 1784

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Fe

At the meeting of the Horticultural Society of Pennsylvania, on Tuesday evening last, the members were highly gratified with a fine display of autumnal flowers. Among the most striking of those from the gardens of the Messrs. Landreths, were Dahlias, from Mexico, of almost every shade, from a pure white, with yellow centre, to a brilliant purple; a beautiful species of Eupatorium; several varieties of golden rod, [solidago;] a rich species of American strawberry tree [Euonymos;] scarlet sage [salvia splendens,] &c.

From the same establishment were produced several new and beautiful varieties of seedling roses, tea roses, amaryllis from Mexico; golden trumpet honey suckle, [Caprifolium Fraseri,] with other flowers, which attracted attention. Among those not already mentioned, was a flowering branch of the Franklinia [Gordonia pubescens.] This elegant tree was brought from Florida by the late Mr. John Bartram, and may well be ranked among the most agreeable ornaments of our gardens and lawns; it is at present flowering in the Messrs. Landreth's garden, on Federal-street, and has been constantly in bloom for more than three months past. A variety of other flowers were reported to be now in bloom, among which were splendid Dahlias, Campanula pyramidalis, &c. at the gardens of Mr. A. Parker, Prime-street, and D. Maupay, on the Germantown road.

AN ODE

Written by request, on the opening of the Exhibition at the FRANKLIN INSTITUTE of Philadelphia, October, 1828.

BY JAMES M'HENRY.

On Receipt of Invoice of
November 18, 1821
D. Landreth
for James Philips Esq
Balm of Gilead 1/2 lb — 6
6 Home Chemist 1/2 lb — 3
Matte & packing — 1
referred to
Miss Egan & Co
for payment

ESSENCE
 No. 53 south Wharves
SALEMPORES & CHOPPAS.—15 bales super
 rice Blue Salempores, 9 cases do Choppas, for
 sale by
 Jan 28
BEVAN & HUMPHREYS,
 5 Walnut street.

TO BIRD FANCIERS.
A CONSTANT supply of BIRD SEEDS, such
 as—Canary, Rape, Millet, Hemp, Yellow at
 Maw Seed, and unhulled Rice, fresh and free from
 mustiness—so important for the well doing of these
 little favorites.
 Also, Bird Fountains and Cages.
 nov 24
D. LANDRETH & Co.,
 63 Chestnut street.

KENTUCKY JEANS.—20 cases fine Kentucky
 Jeans, for sale by
 feb 8
BROWN, NEWBOLD & Co.
 103 Market st. and 32 Church alley.

MYRNA FIGS—400 drums landing, and to
 sale by
MORIS WALN & Co.

FROM POULSON'S ADVERTISER OF APRIL 15, 1830

WE are indebted to the politeness of Messrs. D. and C. Landreth for some very beautiful specimens of the hyacinth selected from their collection now in bloom at their extensive nurseries in Federal street. They are believed to be superior to any other ever imported into this country, and these gentlemen are entitled to praise for introducing the finer sorts of this exquisite exotic among us. The bells of some

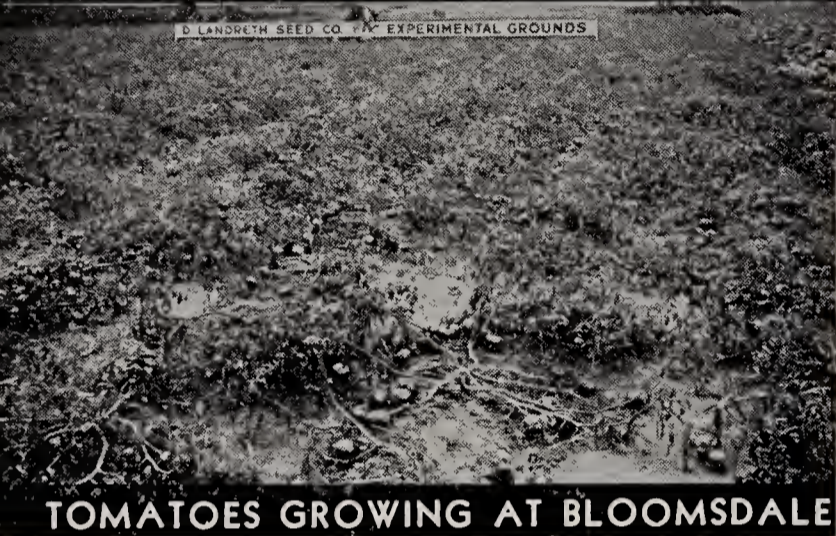
of the flowers measure from 4½ to 5 inches in circumference.

Their nurseries are particularly attractive at this time. Among other rare plants in bloom will be found 12 varieties of the Camella Japonica, two specimens of the Chinese Magnolia and the magnificent Rhododendron Arborea from the mountains of Nepal, in India.



TRIAL GROUNDS, BLOOMSDALE, 1932

D. LANDRETH SEED CO. EXPERIMENTAL GROUNDS



TOMATOES GROWING AT BLOOMSDALE



HOUSING CABBAGE SEED, BLOOMSDALE



HARVESTING KALE SEED, BLOOMSDALE



MAIN STREET, BLOOMSDALE, 1876



TESTING SEED, BRISTOL, 1920



VIEW OF TRIAL GROUNDS, BLOOMSDALE, 1876

These pictures represent operations on Bloomsdale Farm, such as have been going on since 1847 and are still pursued every Summer.

This is one of the most complete Trial Grounds in America, and is maintained by D. Landreth Seed Company at Bristol. Seed from all over the World is tested here and virtually every new variety of vegetable, grass or flower may be found on the farm soon after development.

The Public is cordially invited to visit the Landreth Trial Grounds at any time. Our own stocks are planted in competition with competitors' and notes are taken throughout the growing season at short intervals. This Trial Ground, combined with our careful greenhouse vitality tests, is one of the most important factors in making Landreth's Seeds the leading American brand. All seed supplied our customers has first received a field trial and we know it to be correct in every respect. Landreth in 1784 conducted the first trial grounds in the United States. A visit to Bloomsdale will prove most interesting to people interested in vegetables, flowers or lawn grass.

Employees who are still with us working [actively every day, with years of faithful service:

James T. Coleman.....	57 years
Edward S. Reardon.....	57 "
Thomas Mahan.....	52 "
John Mahan.....	51 "
George J. Sheppard.....	49 "
Pascale Gailardi.....	47 "
Vincenzo Antony Conca.....	46 "
*V. V. VanSant.....	45 "
Pemberton M. Minster.....	45 "
Francesco Iamuzzi.....	43 "
Frank L. Horton.....	43 "
Charles William Jones.....	42 "
Charles H. Rogers.....	42 "
Vincent Di Tulio.....	37 "
Anna V. Wilkinson.....	32 "
William S. Hibbs.....	30 "
James A. Nolan.....	28 "
Forrest H. Bilderback.....	25 "
Harry Chamberlin.....	25 "

[*Died November 25, 1933.

A COMPLETE LIST OF VEGETABLES COPIED FROM THE 1832 CATALOG OF DAVID AND CUTHBERT LANDRETH

All catalogs previous to this were lost in a fire many years ago. Note how few varieties were listed then as compared with today

Varieties printed just as they appear in our 1832 Catalog

Asparagus
Artichoke
 Large Globe
Beet
 Long Blood
 Ready Turnip Rooted Blood
 Mangel Wurzel for Cattle
 Swiss Chard or Great White
Beans
 Windsor
 Long Pod
 Six Weeks
 Red Speckled Valentine
 China Red Eye
 White Kidney
 Cranberry
 Early Yellow
 Dun or Liver Colored
Pole Beans, Lima
 Scarlet Runner
 White Dutch
 Cranberry
 Carolina or Sewee
Broccoli
 Granges New Cape
 Early Cauliflower
 Early Purple
 Early White
 Sulphur
Borecole
 Scotch Kale or Green Borecole
 Purple or Brown Kale
 German Kale or German Greens
Brussel Sprouts
Cabbage
 Early York
 Landreths' Large York
 Early Sugar Loaf
 Early Battersea
 Philadelphia
 Early Savoy
 Large Drumhead
 Flat Dutch
 Large Bergen
 Green Curled Savoy
 Green Glazed
 Drumhead Savoy
 Late Battersea
 Turnip Rooted
 Red Dutch
 Red for pickling
Cardoon
Carrot
 Long Orange
 Early Horn
 Long Blood or Purple
 Alteringham
Cauliflower
 Early
 Late
Celery
 White Solid
 Red Solid
 Turnip Rooted or Celeriac
Chervil
Cress or Pepper Grass
 Curled
 Water
 Broad Leaved
Cucumber
 Long Green Prickley for pickling
 Early Frame
 Long Turkey
Egg Plant or Melongena
 Large Early Purple
 Large Late
 Small White
Endive or Succory
 Green Curled
 White Curled
 Broad Leaved Batavian

Horse Radish
Kale
 Curled Scotch
 Sea Kale
Leek
 Large London Broad Leaved
Lettuce
 Early Cabbage
 Royal Cabbage
 Large Curled India

Onion
 Silver Skin
 Red Wethersfield
 White Portugal
 Yellow Portugal
 Strasburg
Parsley
 Plain
 Curled
 Large Rooted Hamburg
Parsnip
 Fine Sugar or Lisbonaise

Peas
 Landreths' Extra Early
 Early Frame
 Early Charlton
 Golden Hotspur
 Large Marrowfat
 Royal Dwarf Marrowfat
 Grand Imperial Blue
 Sugar to eat the pods
 Bishop's Early Dwarf Prolific

Pepper
 Bell or Bull Nose
 Tomato Shaped
 Cherry
 Ladyfinger or Bird's Bill
 Long Podded Cayenne
 Large Sweet

Pumpkin

Radish
 Long Salmon
 Long Scarlet Short Top
 White Turnip Rooted
 Scarlet Turnip Rooted
 Black Spanish
 White Spanish
 Yellow Turnip

Salsafie or Vegetable Oyster Plant

Scurvy Grass

Sorrell
 French

Spinach
 Round Seeded Savoy Leaved
 Prickley Seeded
 New Zealand

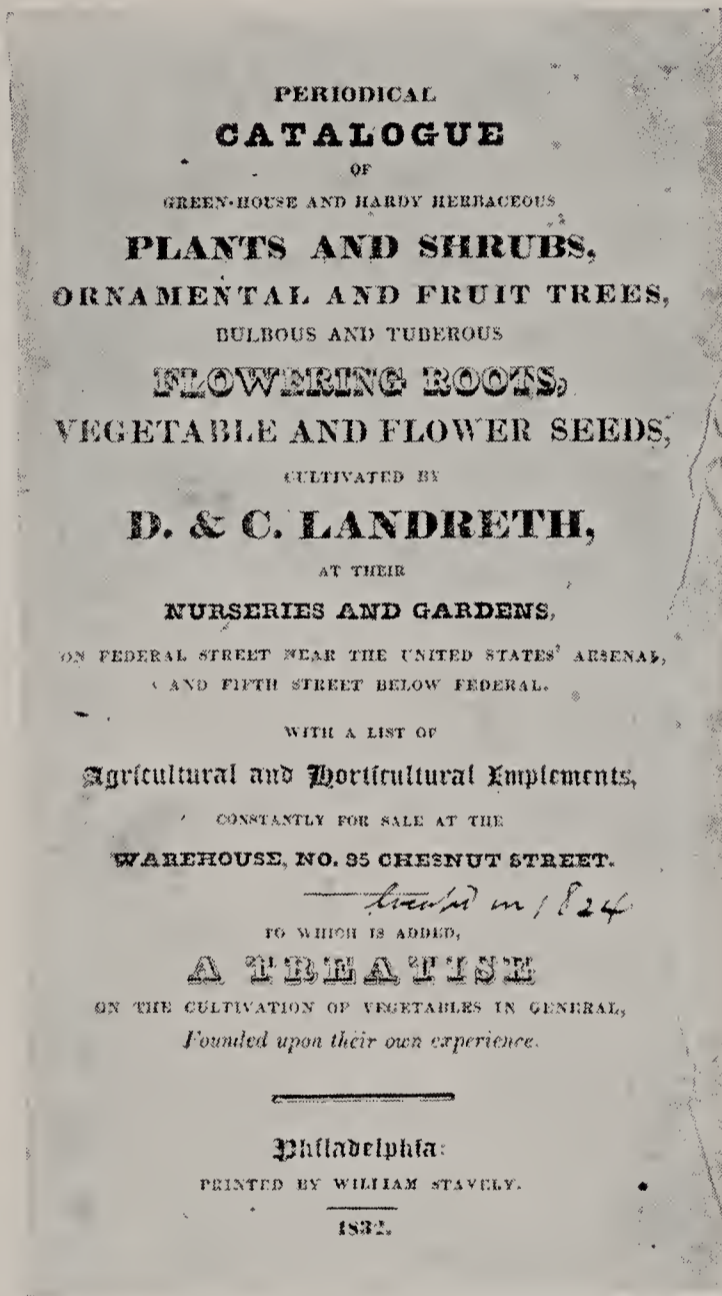
Squash
 Bush or Patty Pan
 Long Green Crookneck
 Long Green
 Vegetable Marrow

Tomato or Love Apple
 6 or 7 varieties, only one of which we grew, is large and of a deep red color.

Turnip
 Early Flat Dutch
 Red Topped
 Large Globe
 Early Stone
 Norfolk
 Golden Maltese
 White Swedish or White Ruta Baga
 Yellow Swedish or Ruta Baga
 Yellow Aberdeen

Pot or Sweet Herbs

Thyme
 Sweet Basil
 Sweet Marjoram
 Anise
 Rosemary
 Sage
 Summer Savory
 Winter Savory
 Caraway
 Lavender
 Coriander
 Pot Marigold



Cover Front Page of Our 1832 Catalogue

Lettuce
 Brown Dutch
 Green Cos
 White Cos
 Early Curled
 Superior or Large Cabbage

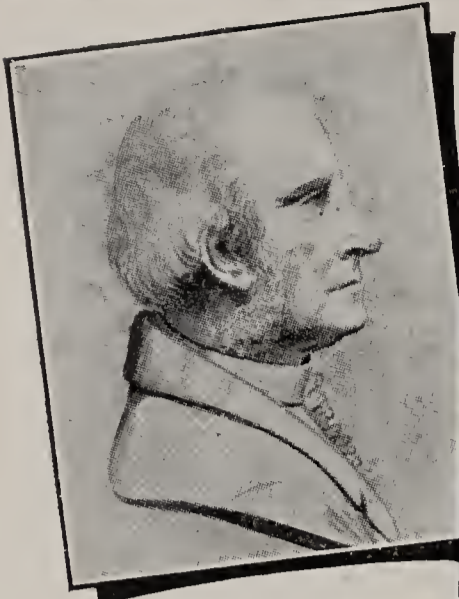
Melon
 Large Dark Green Skin
 Striped or Carolina variety
 Citron varieties, Nutmeg and Musk

Mushroom Spawn

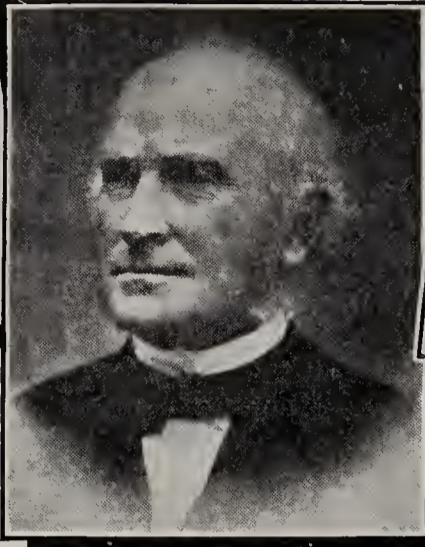
Mustard
 White
 Brown

Nasturtium for pickling

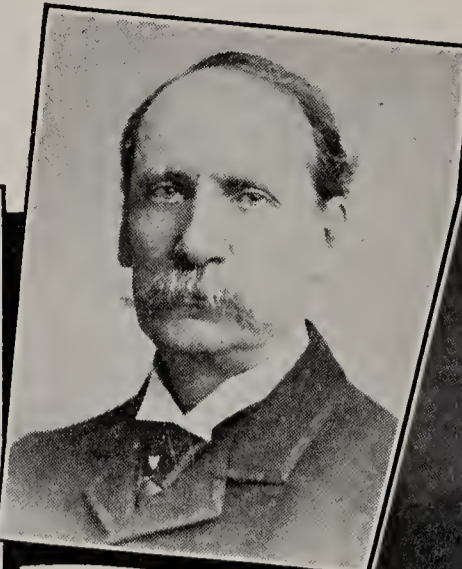
Okra
 Large Podded
 Small Podded



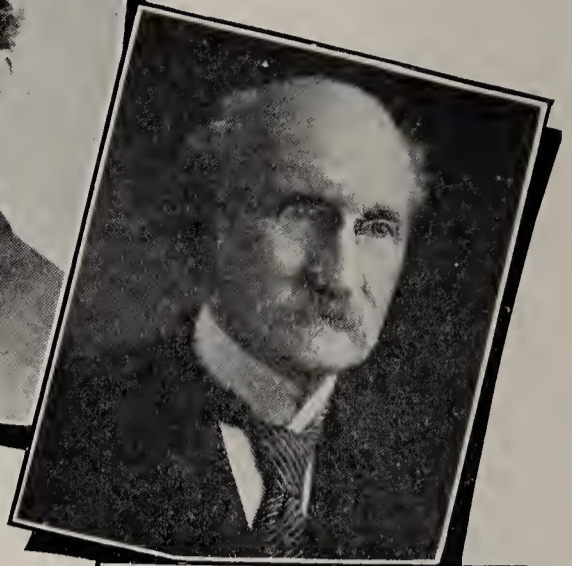
DAVID LANDRETH
Founder



DAVID LANDRETH, Jr.



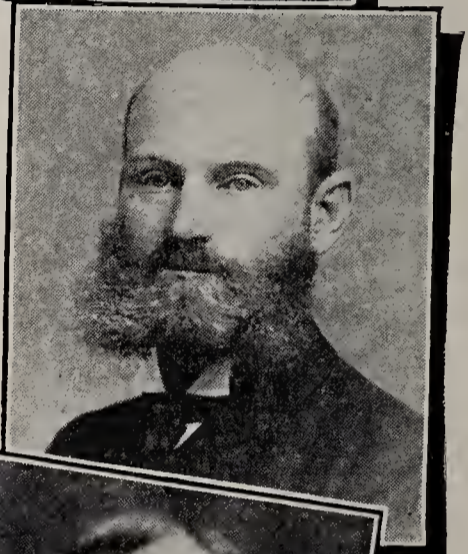
OLIVER LANDRETH



BURNET LANDRETH

EIGHTEEN LANDRETH MEN *Who Have Been Active In The* LANDRETH SEED BUSINESS

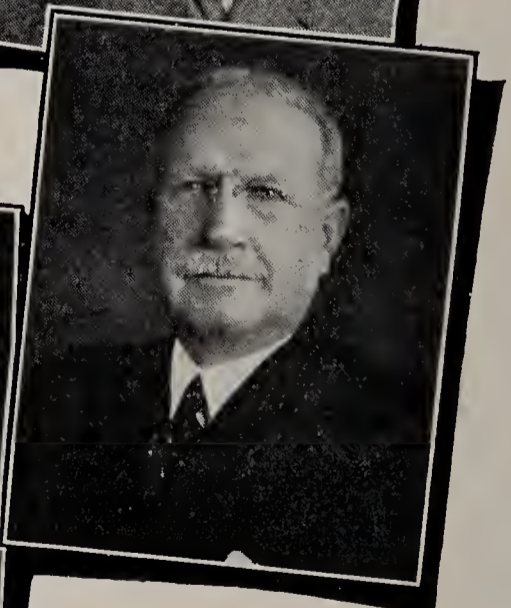
	Entered Business	Died
DAVID LANDRETH 1st.....	1784.....	1836
Born in England in 1752		
CUTHBERT LANDRETH.....	1787.....	1828
THOMAS LANDRETH.....	1818.....	1868
DAVID LANDRETH, Jr.....	1818.....	1880
DAVID M. LANDRETH.....	1825.....	1840
ROBERT LANDRETH.....	1832.....	1875
JOHN LANDRETH.....	1842.....	1870
OLIVER LANDRETH.....	1854.....	1897
HENRY LANDRETH.....	1855.....	1856
ALFRED LANDRETH.....	1857.....	1910
BURNET LANDRETH.....	1861.....	1928
LEOPOLD LANDRETH.....	1867.....	1912
WM. LINTON LANDRETH.....	1885.....	
BURNET LANDRETH, Jr.....	1889.....	
S. PHILLIPS LANDRETH.....	1892.....	
DAVID LANDRETH 5th.....	1906.....	
BURNET LANDRETH 3rd.....	1929.....	
CHARLES H. LANDRETH.....	1929.....	



LEOPOLD LANDRETH



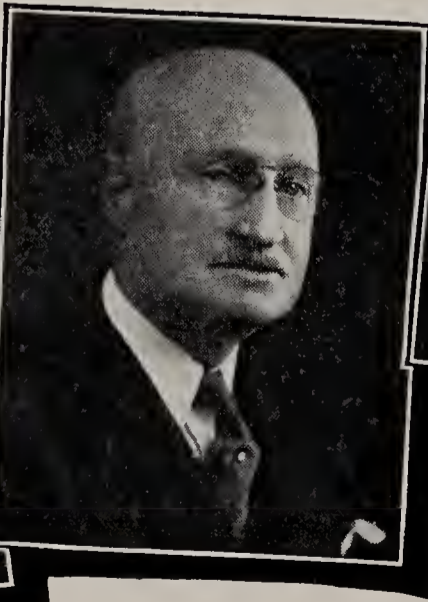
WM.
LINTON LANDRETH



BURNET LANDRETH, Jr.
President and Treasurer



DAVID LANDRETH
Assistant Secretary



S. PHILLIPS LANDRETH
Secretary

*The
Lengthened
Shadow
of the
Founder*

Sow in Hills 8 Feet Apart
in Each Direction

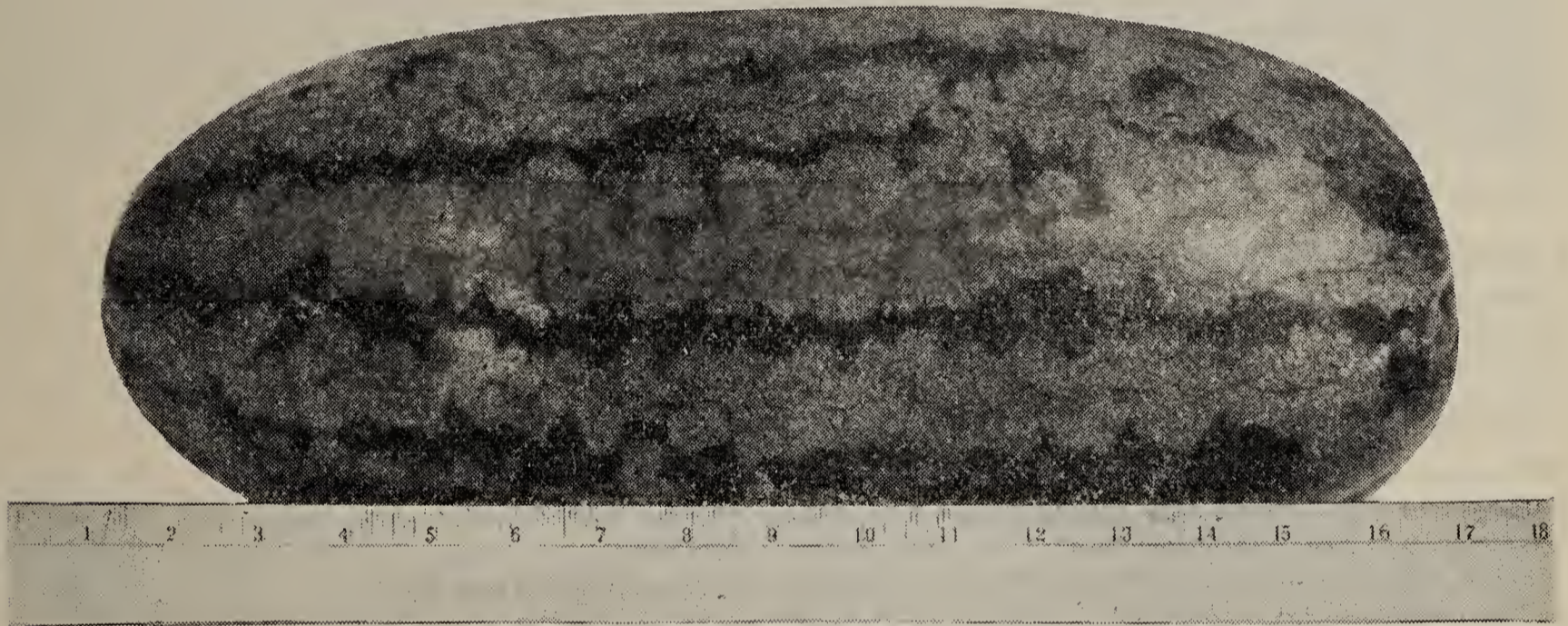
WATERMELON

3 Ounces Will Plant 100 Hills;
Use 4 Pounds Per Acre

Native of Central Africa

Watermelons do well in sod or well prepared ground by plowing down a crop of Winter Wheat or Winter Rye, the sod or grain aerating or keeping loose the soil. When the walnut tree is in bloom, the seed should be planted in hills at 8 feet apart in each direction. Two large shovelfuls of well-rotted stable manure dug and trampled into each hill and covered with earth will help wonderfully.

The planter should be prepared to use 4 pounds of seed if necessary, reserving some for replanting in case of destruction to the plants by insect depredations or beating rains. One vine alone to the hill should be allowed to retain perfection with 680 hills to the acre, which should produce 2040 first-class Melons. Much of the Melon seed offered throughout the country is the product of immature and deformed melons remaining in the fields after all the choice fruit has been marketed. Landreth's seed is from mature melons grown especially for seed and not gathered from fields after all the best Melons have been marketed.



Augusta Rattlesnake

Alabama Sweet or Bradford—90 Days

Seed a creamy white, mottled with brown, an early, long melon, light green, thin, tough rind, with irregular stripes, good flavor, an excellent sort. Grown very extensively in the South for shipping purposes. Size, 16 x 10 inches.

Augusta Rattlesnake, Gypsy or Georgia—85 Days

Seed creamy white with black tips. Here we have an old Southern standby, an excellent shipper and ready seller. A long, large, bright yellowish green melon with irregular stripes of very dark green, the ground color marbled with a medium green. Flesh bright scarlet. 18 x 12 inches.

Excel—100 Days

Seed black and brown. This is an early and prolific bearer, color of rind deep green with a mottled, darker green stripe. Flesh deep red, solid and crystalline, and a fine flavor, ripened well up to the rind. A most excellent shipping melon. Average weight from 30 to 50 pounds, often 60 pounds under favorable conditions. Large, long and a good keeper. 20 x 12 inches.

Excel White Seeded—100 Days

Same as the dark in every respect except color of seed.

Florida Favorite—85 Days

A vigorous, very productive vine, producing large, long fruits which are dark green in color, with irregular mottled strippings of a lighter shade. Flesh very sweet, deep red in color and of excellent quality. Rind is thin but stands up well. Seed white. 16 x 10 inches.

Halbert Honey—88 Days

Seed creamy white with brown tips. Similar to Kleckley Sweet, about 20 inches long, oblong, form almost equally round at each end, rind dark green, sweet and unsurpassed. 20 x 12 inches.

	Pkt.	Oz.	¼ lb.	Lb.
Alabama Sweet.....	.05	.15	.30	.90
Augusta Rattlesnake.....	.05	.15	.30	.90
Excel.....	.05	.15	.30	.90
Excel White Seeded.....	.05	.15	.30	1.00
Florida Favorite.....	.05	.15	.30	.90
Halbert Honey.....	.05	.15	.30	.90

WATERMELON—Continued

Indiana Sweetheart—90 Days

Seed very dark, marbled with a lighter color, resembling the Round Light Icing, but much heavier and paler in color, being a golden green, ribbed at stem end with dark green tracing. A good bearer and a reliable shipper. 15 x 10 inches.

Irish Gray—90 Days

Color of seed all creamy white. A new melon but badly named. Very popular as a shipper. Fruit long, oval, light gray color outside. Flesh bright red, free from hard centers. 17 x 10 inches.

Kleckley Sweet or Monte Cristo—85 Days

Seed creamy white. One of the most sought after melons. No one has a superior stock of this, very valuable melon, than the stock we are offering for your approval. Fruit oblong, about 20 inches in length, rind thin, and always a very dark green, early to ripen, flesh scarlet, sugary and crisp. This melon, by reason of its thin rind, is not as well adapted for shipping as for home consumption, yet it is exceedingly tender, of an excellent flavor and texture. 22 x 12 inches. See photo, page 55.

LANDRETHS' LONG LIGHT ICING—85 Days

Creamy white, small seeds, a good cropper, heavy and attractive, of very desirable quality and flavor. Shape long, oval, tapering from blossom end, skin light green, flesh scarlet, extremely sugary. Undoubtedly one of the best melons on the market today.

Peerless or Ice Cream—85 Days

Seed white. Not a good shipper, but one of the best for home gardens, fruit long, outside rind light green, finely netted, flesh very tender. 12 x 10 inches.

Round Dark Green Rind Icing—85 Days

Seeds small and creamy white. The same as the Light Green Rind Icing in every respect, except color of rind. 14 x 12 inches.

Round Light Green Rind Icing—85 Days

Seed creamy white. One of the best melons on the market and a great favorite in some sections for its excellent quality; always of a good flavor, of a very thin rind, consequently not a good shipper. Fruit nearly round, greenish-white, marbled or dotted, with light green veins. Fine for family gardens.

Stone Mountain—90 Days

Gray Seed. One of the largest melons in cultivation, is early for its large size, almost round, dark green rind, with a slightly irregular darker veining, slightly flattened on the ends; solid scarlet flesh, is a shy seeder. This is a fine melon for home and nearby trade—sweet, tender, juicy, too large and tender for distant shipping. Is growing in popularity and shows signs of out-distancing most other varieties.

Thurmond Gray—90 Days

Seed brown. A selection from Irish Gray but larger. Outside color lighter green. Wilt resistant. Slightly mottled, shape long, thin rind, no cavity, average weight 38 pounds.

Tom Watson—90 Days

Brown, white spotted seed. An even, oblong, dark green melon, finely marked all over with a darker green tracery than Kleckley Sweet, and slightly longer. Fine variety, flesh deep red, fine

flavor, no core, often weighing 50 to 60 pounds. The most popular and the most used Watermelon for shipping purposes on the market today.

Wonder—85 Days

In color it is like Kleckley Sweet. In size, it is long. It weighs sometimes up to 60 pounds. The color of the seeds is white. The texture is fine. The flavor is very superior. In comparison it is most nearly like Kleckley Sweet. 17 x 10 inches.

Preserving Citron—Red Seed

About 90 days. Seeds red and small. A round, small, light and dark green striped melon. Meat a greenish white, used for preserving only. Late to mature, very hardy, and a long keeper, with a very tough rind.

	Pkt.	Oz.	¼ lb.	Lb
Indiana Sweetheart.....	.05	.15	.30	.90
Irish Gray.....	.05	.15	.30	.90
Kleckley Sweet.....	.05	.15	.30	.90
Landreths' Long Light Icing	.05	.15	.30	.90
Peerless.....	.05	.15	.30	.90
Round Dark Green Rind Icing.....	.05	.15	.30	.90
Round Light Green Rind Icing.....	.05	.15	.30	.90
Stone Mountain.....	.05	.15	.30	1.00
Thurmond Gray.....	.05	.15	.30	.90
Tom Watson.....	.05	.15	.30	.90
Wonder.....	.05	.15	.30	.90
Preserving Citron Red.....	.05	.15	.30	.90



Stone Mountain

WATERMELON—Continued



Early Wonder, Improved Kleckley Sweet or Monto Cristo (see page 54)

Sow Six Ounces of Seed
to 100 Yards of Row

OKRA or GUMBO

Ten Pounds to the Acre. Sixty
Days from Planting to Maturity

Native of North Africa

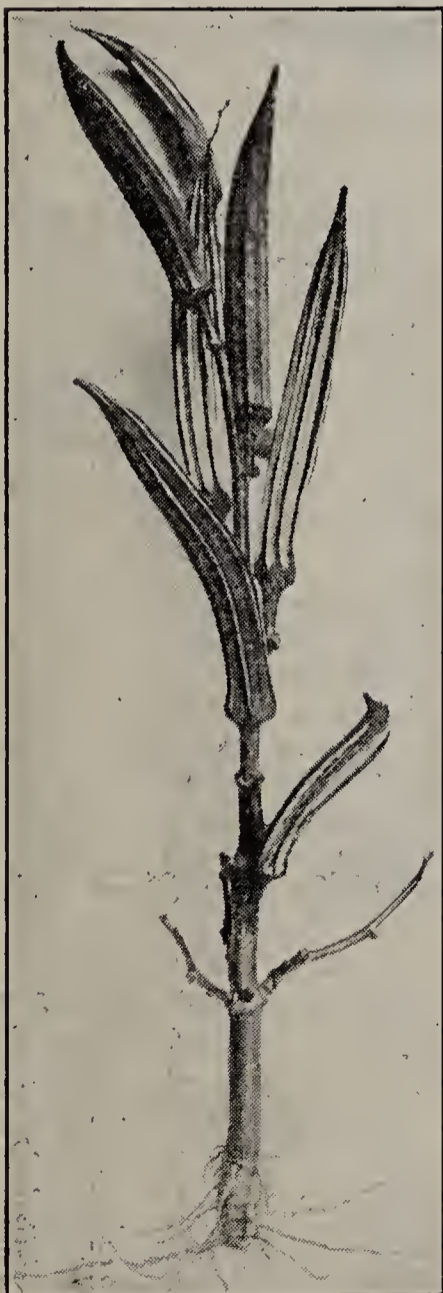
Plant the Seed when the apple tree is in bloom, or slightly before, in hills or drills. If in hills, plant 5 or 6 seeds, 2 feet apart and thin out to two or three plants in each hill, or in drills, 3 feet apart and thin out the plants to 8 or 10 inches between the plants. The seeds are liable to rot if sown early in cold or wet ground and should be put in thickly to secure the requisite quantity of plants. Very rich ground is demanded by this vegetable. It is principally used in the South for soup, but it is excellent when stewed. Gardeners in the North make a great mistake in not planting some of this delicious vegetable. As easily cultivated as corn and produces a large crop. Tomato or vegetable soup including Okra or Gumbo is most delicious.

LANDRETHS' DWARF STALKED LONG GREEN POD—50 Days

Although growing only 3 feet high this is a very strong, vigorous, very productive grower, sending out many branches. Leaves and pods are very dark green. Pods 5 to 7 inches long, slender, corrugated, very tender and of excellent quality.

Long White Velvet Pod—60 Days

Height of stalk about 3½ feet, pods greenish white, unusually long, perfectly smooth, often 10 inches long, very slim. Exceedingly productive.



Dwarf Stalked Long
Green Pod

	Pkt.	Oz.	¼ lb.	Lb.
Landreths' Dwarf Stalked Green Pod.....	.05	.10	.20	.60
Long White Velvet Pod.....	.05	.10	.20	.60

Value in Seeds

The Value of Seeds or their dependency is not shown in appearance. They may be clean, bright, plump, but worthless. Seed buying is a matter of confidence. Confidence in the Seed Merchant on the part of the planter. The price of the Seed is of little consequence, the quality of the Seed is of great importance.

ONION

Native of Western Asia in very remote ages

One-quarter pound of seed will sow a row 100 yards, and 5 pounds of seed is best for an acre, to produce big Onions. 60 to 70 pounds, depending upon vitality, should be sown per acre to produce Sets.

IMPORTED VARIETIES

Bermuda Island Red—90 Days

The distinctive name of this variety is Red, but it is not altogether a red bulb—it is dashed with red on a straw-colored ground. Very early and flat. Mild flavor, resembling the White Bermuda in every way but in color.

Bermuda Island White or Yellow—88 Days

This flat, mild flavored variety is not pure white, but light straw colored. It is possibly two days earlier than Red Bermuda. The most popular of the three Bermuda varieties.

CRYSTAL WAX—90 Days

Developed and named by Landreth in 1888. A half globe sort, absolutely waxy, pure white, extremely mild flavor, the best of its type. The earliest of the White Bermuda types, of great reputation in the South. It is a very attractive Onion, both as a set and for the table.

RED VARIETIES

Southport Red Globe—130 Days

A very desirable main crop, purplish red, globe shaped, with a very smooth glossy surface, a large producer and an excellent shipper and keeper. The most showy because brightest color. Very salable in the market. Grown extensively for large Onions.

Red Wethersfield—110 Days

The standard red variety for many years and most popular in the East, where large crops have been grown for years for shipment. The bulbs are broad and flat. The flesh is a light purplish red. Very productive and an excellent keeper. The seed of this Onion is used very extensively for growing Onion Sets as well as large Onions.

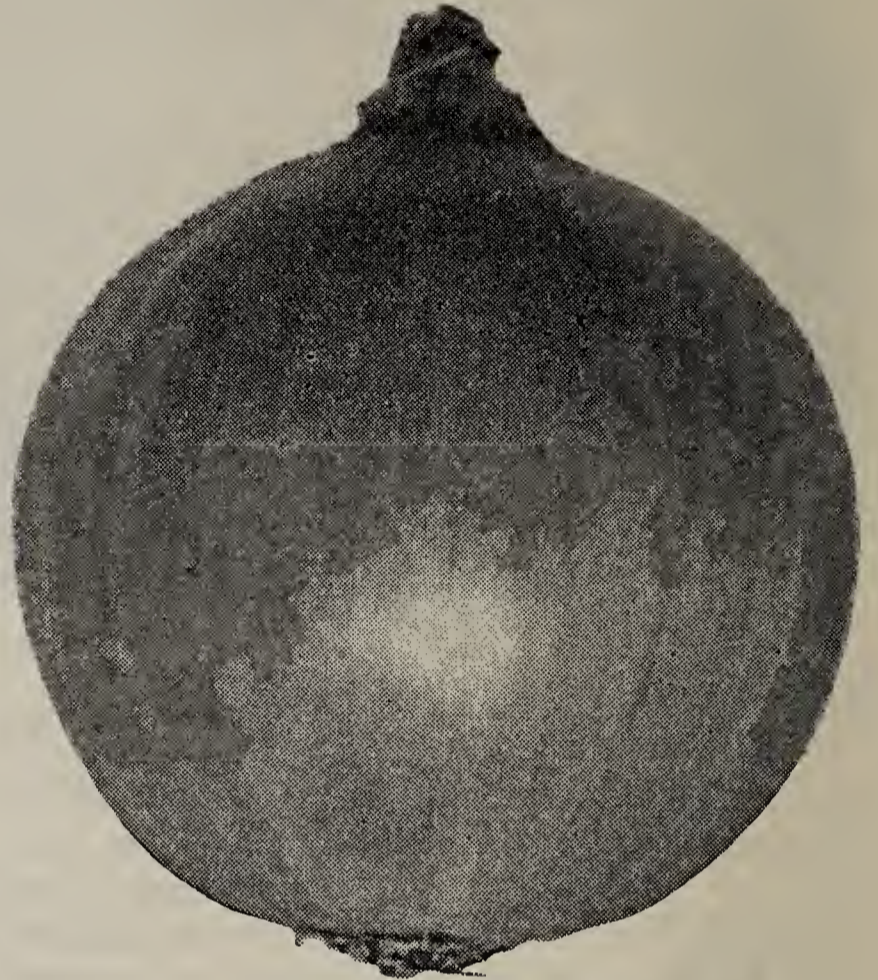
WHITE VARIETIES

Bloomsdale Extra Early Pearl or White Queen—90 Days

In many respects the most remarkable Onion under cultivation, growing with a rapidity of a summer radish. Twelve weeks from sowing to maturity. The bulbs are pearly white, waxy, transparent skin, in form flat and broad, with a slight corrugation around the edges. Flavor mild, all astringent qualities eliminated. Can be eaten raw with almost the freedom of an apple. The keeping qualities of the matured Onions are very good, but the sets sprout very early, and should be planted in October.

Silver Skin or White Portugal—100 Days

A mild, pleasant flavored white variety, admirable for family use. Not so good a keeper as the Yellow or Red varieties. Bulb medium size, mild flavor, with greenish-white skin. Is about 8 to 10 days earlier than White Globe and matures where the



Southport Red Globe

White Globe does not. The small bulbs are nearly round, but flatten as they mature.

Southport White Globe—110 Days

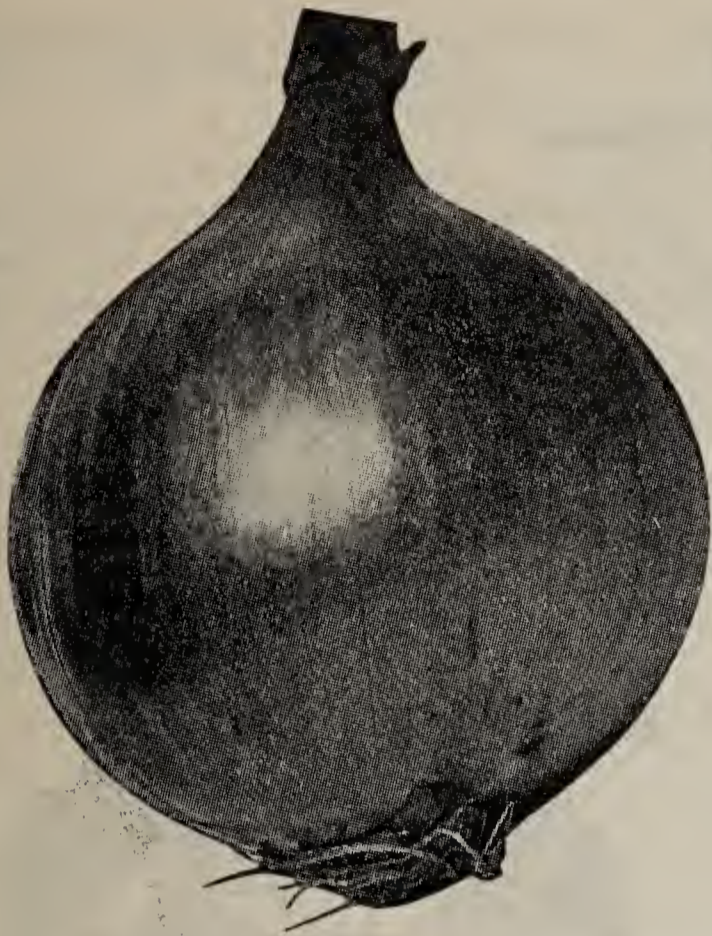
A showy, mild flavored, large White Globe variety. Very solid, productive, a good keeper and possibly the best for setting of all White sorts, unsurpassed in uniformity, absolutely pure white. Used extensively in all sections where Onions thrive.

YELLOW VARIETIES

Ebenezer or Japanese—100 Days

An old yellow skinned variety, deep flat of medium size, dark yellow, very popular at the present time for growing sets. Its other merits are that of a most vigorous grower, a heavy yielder, far greater than from Strasburg and astonishingly good, long keeping quality. It is the best yellow for growing sets.

	Pkt.	Oz.	¼ lb.	Lb.
Bermuda Island Red . . . . .	.05	.30	.85	2.75
Bermuda Island White . . . . .	.05	.30	.85	2.75
Crystal Wax . . . . .	.05	.30	.90	3.00
Southport Red . . . . .	.05	.20	.60	2.00
Wethersfield Red . . . . .	.05	.20	.60	2.00
Bloomsdale Pearl . . . . .	.05	.30	.85	2.75
Silver Skin . . . . .	.05	.25	.75	2.50
Southport White Globe . . . . .	.05	.25	.75	2.50
Ebenezer or Japanese . . . . .	.05	.20	.60	2.00



Yellow Globe Prize Taker

Large Yellow Strasburg or Flat Danvers—110 Days

This valuable, widely cultivated yellow variety is one of the most popular varieties for producing yellow sets, and cannot be excelled in this respect. The bulbs are large, yellow, flat, uniform in size. It ripens early and is altogether a good strain of seed for producing handsome, long keeping sets.

Sweet Spanish (Riverside Strain)—98 Days

Globe shape, bright golden yellow. Mild, delicate flavor. Small neck, similar to Prize Taker. Increasing in popularity. Good keeper.

	Pkt.	Oz.	¼ lb.	Lb.
Prize Taker	.05	.20	.60	2.00
Southport Yellow Globe	.05	.20	.60	2.00
Yellow Globe Danvers	.05	.20	.60	2.00
Strasburg	.05	.20	.55	1.75
Sweet Spanish	.05	.25	.70	2.25

ONION—Continued

Prize Taker—100 Days

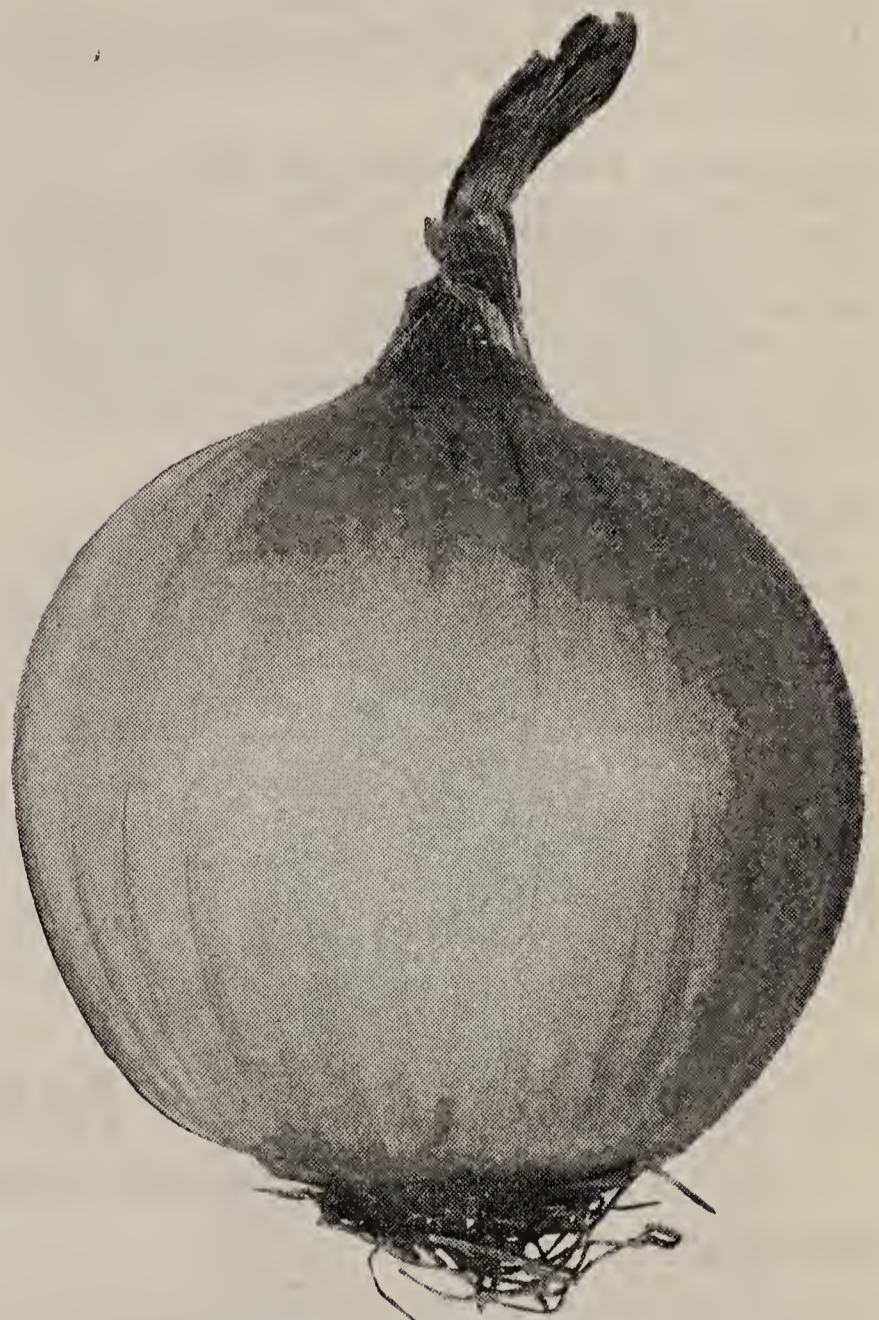
Mammoth Yellow Globe derived from the huge Spanish Onion, exhibited for years in the markets in Autumn. Very early, does well in light sandy soil. Very large producer and fifteen days earlier than the celebrated Southport Yellow Globe. A variety which will succeed under conditions where other sorts fail; consequently, highly recommended for planting everywhere. This is a most valuable quality. It makes a solid, slightly oval, round bulb. It is a good keeper, twice the size of the Globe Danvers. Produces much better Onions from seed in Pennsylvania, Maryland, Delaware and New Jersey, than any of the Southports.

Southport Yellow Globe—115 Days

A very hardy and exceedingly productive yellow globe. Is more oval than the Yellow Globe Danvers, much larger, more solid and heavier. Mild in flavor and an excellent keeper.

Yellow Globe Danvers—110 Days

An oval-shaped, straw-colored, long-keeping variety. The bulbs are roundish, of good thickness, and keep extremely well. A popular Onion in every section.



Southport Yellow Globe

Three Quarts of Sets will plant 100 Yards of Row

ONION SETS

Plant Ten to Fifteen Bushels to the Acre, According to Size

Standard Varieties of Onion Sets—Now Ready. Prices Fluctuate

	Qt.	4 Qts.	
Silver Skin (for description see reading matter, page 56)	.30	.95	
Red Wethersfield (for description see reading matter, page 56)	.25	.90	Bushel prices
Yellow Strasburg (for description see reading matter, page 57)	.25	.90	on
Ebenezer or Japanese (for description see reading matter, page 56)	.25	.90	application.

About Seventy Days from Sowing to Cutting

PARSLEY

Two Ounces of Seed will plant 100 Yards of Row. Eight Pounds to the Acre

This vegetable is a Native of Sardinia.

The seed does not germinate under two or three weeks. The drilling should take place as soon as the soil can be worked or when the Cherry tree is in bloom, and may be continued until Autumn. If for horse culture, the rows should be 2½ feet apart; if for hand culture, the rows should be 18 inches apart. Used especially for garnishing and flavoring.

Champion Moss Curled or Triple Curled—70 Days

This is a very vigorous growing compact, very productive sort. The leaves are very dark green in color, very finely cut and so thickly curled that a plant resembles a bunch of moss. The most desirable sort for garnishing and decorating. The best Parsley for all purposes.

Fine Curled or Double—70 Days

The leaves of this sort are finely cut and well curled. It is desirable for flavoring soups and stews, garnishing, and drying.

Hamburg or Turnip Rooted—90 Days

This variety is raised for its roots. Although the leaves are very similar to the Plain Parsley, they are not recommended for garnishing, owing to the long period of growth before coming to maturity. The roots resemble parsnips both as to color and shape, and can be used for flavoring soup and stews when fresh, or can be stored like other roots and used for Winter.

Plain or Single—60 Days

Used as a pot herb. Leaves flat and plain. Not curled but deeply cut, resembling Hamburg in appearance. More aromatic than the Curled varieties.



Champion Moss Curled Parsley

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled.....	.05	.15	.30	.90
Fine Curled.....	.05	.15	.30	.90
Hamburg.....	.05	.15	.30	.90
Plain.....	.05	.15	.30	.90

Three Ounces of Seed will Sow 100 Yards of Row

PARSNIP

Sow Four Pounds to the Acre

Native of Europe and well-known during the Roman Empire.

BLOOMSDALE—90 Days

The Bloomsdale is the best-bred, most handsome Parsnip to be found; it is half-long, wedge-shape, hollow-crowned and very broad at the shoulders, easily taken out of the ground. Smooth skinned, not wrinkled. Most desirable for garden culture, and well known as a culinary vegetable, doing best on rich sandy soil. The seed is slow to sprout and is never good over two years.

Hollow-Crowned, Student, Sugar or Cup or Guernsey—95 Days

An old variety. 14 to 16 inches long. Hollow crowned. 3 inches thick. Smooth tapering root.

	Pkt.	Oz.	¼ lb.	Lb.
Bloomsdale.....	.05	.15	.30	.90
Sugar or Cup.....	.05	.15	.30	.80

Health Value of Fresh Pulled Parsnips

Calories per lb., 294. Vitamines A, B, C, D.
 Proteins 1.6% Fats 5% Carbohydrates 13.5%

Minerals

Calcium	.059%	Chlorine	.030%
Magnesium	.034%	Sulphur	.036%
Potassium	.518%	Iron	.0006%
	Sodium .004%		

Four Pounds of Seed Will
Sow 100 Yards of Row

PEAS

120 to 180 Pounds Will Sow an Acre
depending whether in rows or broadcast

Peas probably originated in Asia from the Caucasus to Persia

Peas are among the first seeds that can be sown at close of Winter, the round seeded sorts frequently being sown before sharp frosts are fully over. The drilling of Peas may be safely commenced before the Peach is in bloom or as soon as the land can be plowed, and continued at intervals up to within seventy days of Autumn frost, for the early kinds, or eighty days for the intermediate varieties, or eighty days for the late sorts. Late-sown Peas are never as productive as those sown in the Spring, and often are subject to mildew. Wrinkled varieties are most susceptible to cold or wet weather; therefore, cannot be planted as early. Landreths' Extra Early and Ameer will be found to be the best for August and September sowings, because of their early ripening habit and their ability to resist mildew. The dwarf varieties may be drilled at 30 inch rows if cultivated by horse power, or 20 inches if to be hoed by hand. The varieties of medium length should be drilled no closer than 3 feet, and the tall growing sorts at 4 feet apart. The number of Peas in a row may vary from 24 to the foot, in the case of the very dwarf kinds, and 18 to the foot of the medium tall varieties, and 15 to the foot of the very tall kinds. Yield of Green Pods is 100 to 300 bushels per acre, depending on cultivation and weather conditions.

This Company believes that the best smooth Peas for early planting are Landreths' Extra Early, Ameer, or Alaska. For later planting, World's Record, Thomas Laxton, and Laxtonian. For late planting Alderman and Prince Edward, which is the best type of late Telephone. No garden should be without Peas. We, ourselves, prefer Landreths' Extra Earlies, Alaskas, Ameer, or Bountiful to any Peas we can plant in our home garden, when picked early. We think they are the best flavored, and do not produce hulls like the skin of a grape as do all the monstrous Peas, and they are much more palatable. In our own private garden, we plant a succession of these Peas every seven days.

FIRST EARLIES AND EARLIES

Alaska or Earliest of All—56 Days

A green seeded, smooth, extra early, vine 30 to 36 inches tall. Distinct light green foliage, pods, 2 to 2 $\frac{3}{4}$ inches long, blunt, containing 5 to 7 blue-green, small, slightly pitted to smooth seeds. One of the best extra-early Peas in the market, and a great favorite with canners, because a good stock of this variety matures all its pods at once.

Alaska Alcross Strain—56 Days

Practically the same as Alaska except it is wilt resistant to Fusarium wilt. Bred particularly for canners use.

American Wonder—60 Days

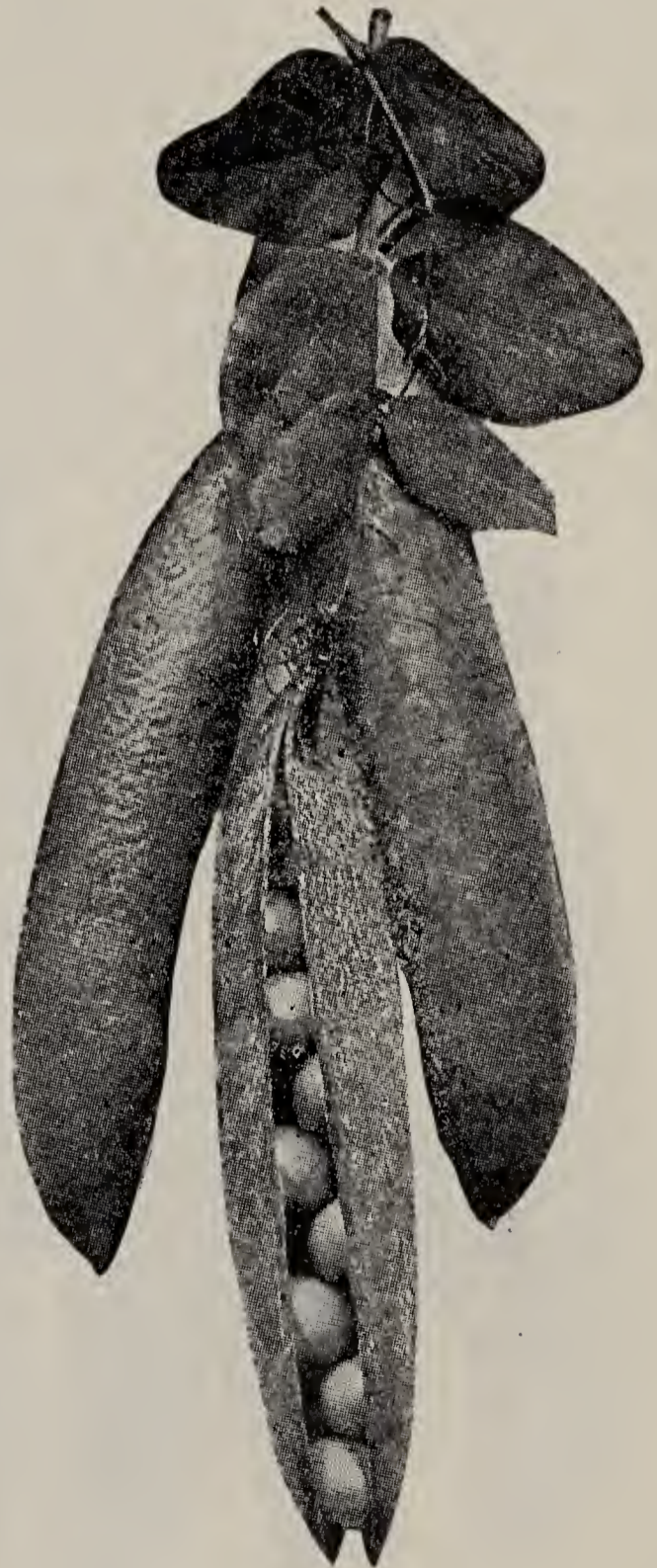
One of the earliest of the green wrinkled sorts. Vine 10 to 14 inches high, dark green, fairly coarse. Very prolific. Pods of striking form, 2 $\frac{1}{2}$ to 3 inches long, containing 5 to 8 tender sweet flavored Peas. Dry seed, green, wrinkled.

Blue Bantam—65 Days

Laxtonian type, large podded, dwarf variety, vine vigorous, height, 16 inches. Pods pointed, deep green, broad, straight, containing 6 to 8 deep green peas of excellent quality.

Gradus or Prosperity—62 Days

An extra early large podded, wrinkled variety, pods as large as Telephones, very showy, same shape as Telephones. Vines much stronger than Alaskas, delicious flavor. Height about 3 to 3 $\frac{1}{2}$ feet. Vine similar in appearance to Telephones, but more yellowish, pods very large, about 4 $\frac{1}{2}$ inches long, pointed. Seed very large, of splendid quality, green cream color.



Gradus—62 Days

	½ lb.	1 lb.	5 lbs.	10 lbs
Alaska . . . . .	.20	.30	1.35	2.40
Alaska Alcross Strain . . . . .	.20	.30	1.35	2.40
American Wonder . . . . .	.20	.30	1.35	2.40
Blue Bantam . . . . .	.20	.35	1.55	2.80
Gradus . . . . .	.20	.30	1.35	2.40

PEAS—Continued

First and Best or Morning Star—58 Days

A white seeded extra early. Very fine flavor. Height of vine, 30 to 36 inches. Very prolific. Pods 2½ to 2¾ inches long, blunt, containing 5 or 6 good flavored Peas.

Hundredfold—65 Days

An excellent Laxtonian type. Vine 18 inches high. Vigorous, dark green, very productive. Pods dark green, 4 inches long, containing 8 large dark green peas. Dry seed is green, flattish and wrinkled. Same as Laxtonian only dark vine and pod.

LANDRETHS' EXTRA EARLY—56 Days

A critical gardener wants the best strain as respects earliness, size of pods, flavor, uniformity of ripening, vigor, and habit of the plant. All these desirable qualities can be obtained in the strain sold as Landreths' Extra Early. The best table Pea on the market. This type will produce Peas fit for table in 56 days, according to soil and climatic conditions of the season of their growth. This Pea was introduced and named by the Landreths in 1823, and is the only Pea then used which has stood the test of 100 years. Height of vine 2½ to 3 feet. Pods 2½ to 2¾ inches long, blunt, containing 5, 6, or 7 medium sized smooth to pitted Peas of excellent quality. No variety of Peas has ever exceeded the Landreth Extra Early in flavor.

Laxton's Superb or Early Bird—60 Days

A very hardy, productive, early, large podded variety, 18 to 20 inches tall, which can be planted very early in the Spring as the Peas are almost smooth, round and green and will withstand the cold, wet weather. A superior quality for an early, large podded Pea. Pods dark green, 4 inches in length and pointed as is Laxtonian, growing more in favor as it becomes known.



Laxtonian — ½ Size

Laxtonian—62 Days

Height of vine about 18 inches, foliage dark green, pods dark green, slightly curved, pointed, about 4 inches long, resembling Telephone. This is the largest, handsomest podded, dark green, dwarf vine Pea that we know of, growing more in favor every year. Any one who wishes a dwarf vine, large podded, dark green pod, will not go amiss by planting this variety.

Laxton's Progress—64 Days

A good sort for both home and market gardening. The largest podded of this family, most attractive, vines dark green, medium coarse, growing 18 inches tall. Pods borne singly 4 inches long pointed, slightly curved, well filled with 7 to 9 large green wrinkled peas of good quality. Dry seed is creamy yellowish green and wrinkled.

Little Marvel—64 Days

Vine strong and vigorous, about 18 inches tall. Showy pods about 3 to 3½ inches long with a blunt end containing 7 or 8 Peas. Seed large, green, wrinkled. A very fine productive, dwarf, sturdy variety. Popular with the home gardener and in some sections planted largely by market gardeners.

Long Pod Alaska, Ameer or Bountiful—62 Days

An extra early Pea of fine quality. Height of vine about 30 to 36 inches. Seed large, green, resembling Alaskas, only one-third larger. The Peas ripen uniformly, pods about 3½ inches long, pointed somewhat curved, of the Telephone type, containing 7 or 8 Peas. An excellent Pea for market as well as for home or kitchen garden of very fine eating quality. No private garden should be without at least one sowing of this valuable variety.

Nott's Excelsior—60 Days

Vines almost identical to the American Wonder except slightly taller. One of the best early dwarf, wrinkled sorts, vines about 15 to 18 inches high, producing a good crop of well-filled blunt pods about 2¾ inches long, containing 5 to 8 very sweet peas. Seeds green, wrinkled, square at ends like American Wonders.

Pilot or Smooth Seeded Gradus—63 Days

An early large podded pea growing 30 inches tall and producing pods 3 inches long, containing 6 or 7 Peas. It is a large, smooth, green pea which enables it to be sown earlier than the wrinkled sorts which is our reason for listing it.

	½ lb.	1 lb.	5 lbs.	10 lbs.
First and Best.....	.20	.30	1.35	2.40
Hundredfold.....	.20	.35	1.55	2.80
Landreths' Extra Early.....	.20	.30	1.35	2.40
Laxton's Superb.....	.20	.35	1.55	2.80
Laxtonian.....	.20	.35	1.55	2.80
Laxton's Progress.....	.20	.35	1.55	2.80
Little Marvel.....	.25	.40	1.80	3.20
Long Pod Alaska.....	.20	.30	1.35	2.40
Nott's Excelsior.....	.20	.30	1.35	2.40
Pilot.....	.20	.30	1.35	2.40

PEAS—Continued

Premium Gem—65 Days

An admirable, very productive second early. Height of vine, about 20 inches. Pods blunt, about 2¾ inches long, 5 to 7 Peas in a pod. Standard sort used in large quantities because it is a very popular reliable Pea for the private gardener. Seed green, wrinkled, often flattened.

Pioneer—65 Days

When this variety was first introduced it differed from Laxtonian only in having a slightly lighter green pod, but at the present time the difference has been lost sight of and today both Peas are identical in every way. It is one of the largest green telephone shape podded variety on the market.

Surprise or Eclipse—60 Days

An early maturing light green wrinkled pea with dark green slender vines 24 to 30 inches tall. Pods light colored, blunt, 2 to 3 inches long, containing 6 to 8 peas, and borne singly. This variety is especially adapted to canning trade and at one time was a most popular variety and is now coming back into great favor.

Thomas Laxton—65 Days

An early, wrinkled variety. Height of vine about 3 feet. Vines darker green than Gradus. Length of pods, about 4 inches, containing 6 to 8 large tender peas, more productive and vigorous than Gradus. Pods blunt or square ended, and light green. A fine productive pea for Market Gardeners or home use.

World's Record—56 Days

Pods are pointed, about 4 inches long, and broad. An early type of the celebrated Gradus, very frequently used as an early Gradus. Height of vine 24 to 30 inches, light green. Fine showy Pods, with 7 or 8 peas in a pod. Seed large, cream and green wrinkled. A wonderful, early pea for market and home gardeners.

SECOND EARLIES AND LATE

Admiral, Green Seed—70 Days

Color of dry seed is deep green. Especially desirable for canners, as it retains its green color under all conditions. Pods blunt, straight, single, containing 6 or 7 small peas.

Aldermen—76 Days

Telephone type. Pods pointed, dark green, large, range about 5½ inches long, from 5 to 7 Peas to a pod. Very productive. Excellent sort for home or Market Garden.

Carter's Daisy or Dwarf Telephone—70 Days

Vines light green, about 20 inches high. So named because its vine, although very short, resembles very closely the Telephone, only lighter. Stems very thick and sturdy, broad leaves. Pods about 4½ inches long, of the Telephone type, and a yellowish-green. Seed light green and wrinkled.

Champion of England or Forty Fold—78 Days

Length of pods about 3 inches, containing 5 to 7 fine flavored Peas. Height of vine about 54 inches. One of the old standard varieties, late, but of fine quality. Seed tender and luscious. Dry seed, light green.

Everbearing or Yorkshire Hero—76 Days

Peas large, and of good quality. Height of vine about 30 to 36 inches. Most of the pods borne at top of vines. Pods about 2½ to 3 inches long, blunt. Dry Peas large and wrinkled.

Horsford Market Garden—74 Days

Height of vine about 36 inches. Pods, blunt, medium size, about 2¾ inches long, containing 6 or 7 dark green peas. Small leaves with very dark green foliage. Very large producer of showy pods, producing pairs in great abundance. A canning variety.

	½ lb.	1 lb.	5 lbs.	10 lbs.
Premium Gems.....	.20	.30	1.35	2.40
Pioneer.....	.20	.35	1.55	2.80
Surprise or Eclipse.....	.20	.30	1.35	2.40
Thomas Laxton.....	.20	.30	1.35	2.40
World's Record.....	.20	.30	1.35	2.40
Admiral, Green.....	.20	.30	1.35	2.40
Alderman.....	.20	.30	1.35	2.40
Carter's Daisy.....	.20	.30	1.35	2.40
Champion of England.....	.20	.30	1.35	2.40
Everbearing.....	.20	.30	1.35	2.40
Horsford Market Garden...	.20	.30	1.35	2.40



World's Record

PEAS—Continued

Large White Marrowfat—80 Days

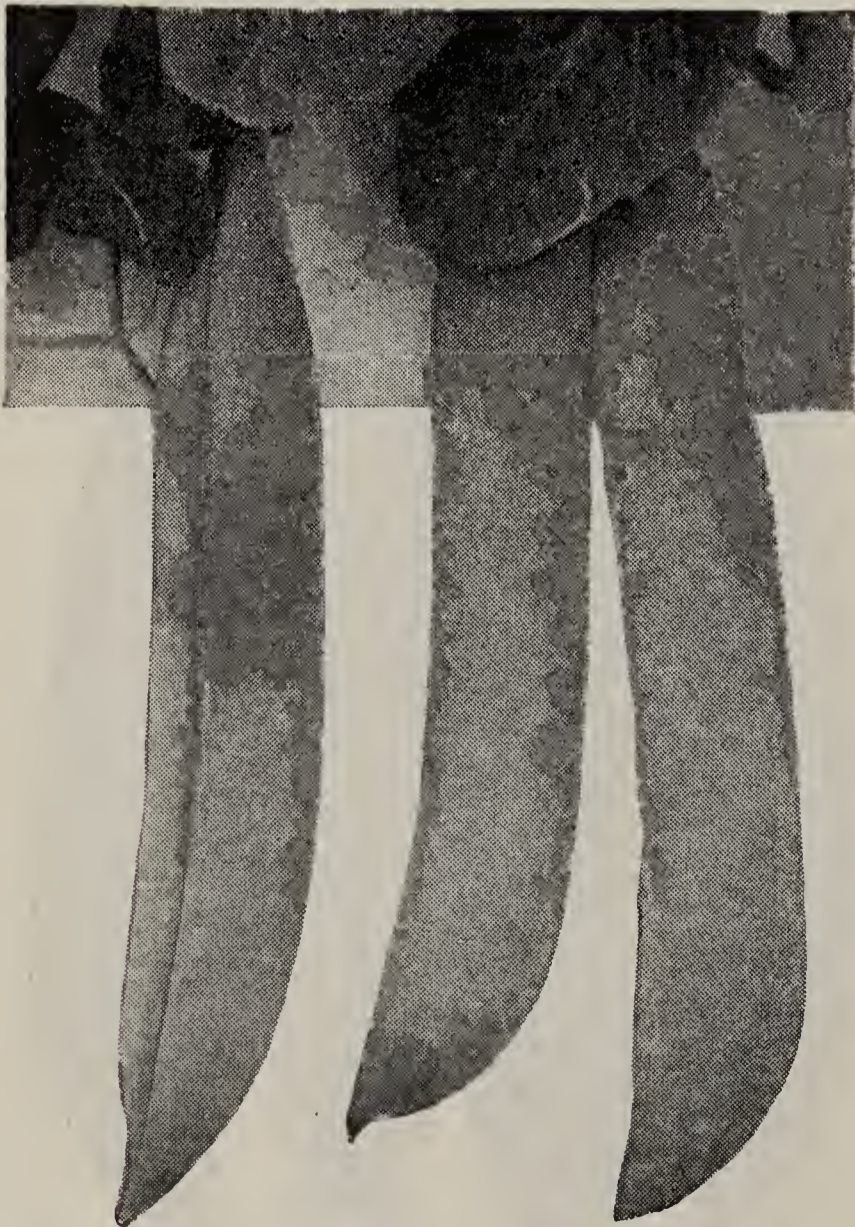
Vines about 4½ feet high, of strong growing habits, pods blunt, about 3 inches long, containing 5 or 6 large white Peas.

McLean's Advancers or Perfection—70 Days

A green, wrinkled variety. Height of vine about 36 inches. Upright, very vigorous in growth, and very popular with market gardeners and commercial canners. Pods about 2¾ inches long, blunt, double, borne at the top of the vine, containing 5 or 6 good flavored Peas.

Prince Edward—76 Days

Vine dark green, 4 to 4½ feet tall. Pods large, pointed, about 5 to 5½ inches long, containing 6 or 8 Peas of the best dark podded Telephone type, showy, exceedingly productive and in our opinion the best of the Telephone type on the market today for either kitchen or market gardeners to grow. The seed is large, wrinkled and green mixed with cream color.



Prince Edward

Stratagem or Potlatch—75 Days

Height of vine about 20 to 24 inches, deep green, very luxurious. Pods of Telephone type, single, about 4 inches long, containing 8 to 10 peas. Seed blue-green, slightly pitted. A great favorite with private gardeners because of its large, handsome pods.

Sutton's Excelsior—70 Days

Height of vine about 18 inches, producing exceedingly dark, blunt, straight pod, containing 6 or 7 large peas. Very desirable for both private and market gardeners. A very fine variety. Seed large, wrinkled, light green, flat.

Telephone—76 Days

Height of vine 4 to 4½ feet. Pods about 5 inches long, dark green, one of the best late, large podded Peas. The seed is large, wrinkled and creamy green color. Very popular with market gardeners as a late variety on account of its fine appearance and quality.

EDIBLE PODS OR SUGAR PEAS

Dwarf Gray Seeded Purple Blossom—75 Days

Height of vine about 24 to 30 inches. Of the same habits as Dwarf White Sugar, only producing Peas of a gray mottled appearance and having purple blossoms as the name signifies. The pods are eaten like Snap Beans. Very prolific.

Dwarf Sugar White Blossom—75 Days

Height of vine about 24 to 30 inches. Very productive. Pods 2½ inches in length, single and double, well filled with 6 or 7 Peas. Blossoms white. Dry seed is round, smooth and creamy white.

Mammoth Luscious Sugar—80 Days

Height of vine about 5 feet. Vine very similar in character to the Mammoth Melting Sugar, seeds gray mottled, blossoms purple. Pods, single, very broad, almost identical to Mammoth Melting, and eaten like a Snap Bean.

Mammoth Melting Sugar—80 Days

Height of vine about 5 feet. Pods single, very broad, light green, 4 to 5 inches long. Very twisted and puffed, 1¼ to 2 inches wide, all the Peas being placed along the top of pod. Seeds and blossoms are white. Pods are eaten like a Snap Bean.

	½ lb.	1 lb.	5 lbs.	10 lbs
Large White Marrowfat.....	.20	.30	1.35	2.40
McLean's Advancer.....	.20	.30	1.35	2.40
Prince Edward.....	.20	.30	1.35	2.40
Stratagem.....	.20	.30	1.35	2.40
Sutton's Excelsior.....	.20	.30	1.35	2.40
Telephone.....	.20	.30	1.35	2.40
Dwarf Gray Seeded Purple Blossom.....	.20	.30	1.35	2.40
Dwarf White Sugar.....	.20	.30	1.35	2.40
Mammoth Luscious Sugar .	.20	.35	1.55	2.80
Mammoth Melting Sugar ..	.20	.35	1.55	2.80

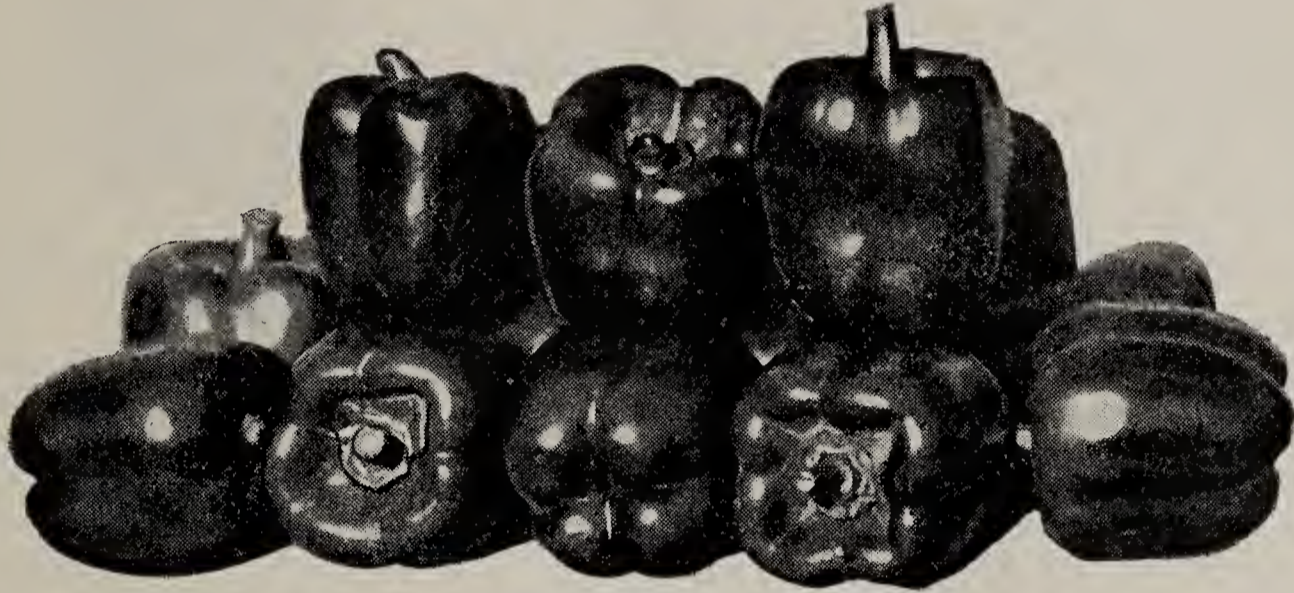
One Ounce of Seed Will
Plant 100 Yards of Row

PEPPER

Native of South America

All of Landreths' Peppers are grown in the Eastern States and are giving much better results, as to purity and productiveness, than the cheaper European Peppers which are later and not so true as American types. No garden vegetable or fruit has so increased in demand in recent years as Peppers; first, due to enormous use by food packing establishments; second, to its extraordinary use by everyone who has adopted it in the kitchen where it is used daily.

Owing to the fact that we have had so many of our customers asking us to supply them with Green Pepper Seed, we wish to state, that all Peppers are green when young or not fully grown, and not up to the time when they are entirely ripe do they turn a brilliant red color.



California Wonder

Anaheim Chili Pepper—100 Days

A monstrous Red Cayenne, which is very hot. Length long as a lead pencil and an inch thick at the top, terminating in a point, generally straight like a long Radish or like a long Cayenne.

Bull Nose or Large Bell—120 Days

Plants average about 2 feet high, large fruit, thick flesh, with a broad end almost square. One of the old stand-bys. The true stock or original Bull Nose is hot. Color deep green when young and when ripe, bright crimson.

California Wonder—120 Days

A recent introduction of real merit. It is of the bright red glossy type, quite similar in shape but larger than Crimson Giant. It is far superior to that sort on account of its very thick strong walls, its mild delicate sweet flavor, its earliness, and unsurpassed shipping qualities. We consider this the best of the mild flavored large Peppers, as it is not deeply indented as is the Chinese Giant, yet has the quality of that sort. This, together with the fact that it is larger than Crimson Giant, makes it superior to that sort. Do not fail to have some of these in your garden, as they are unsurpassed in excellence.

Chinese Giant—130 Days

Much larger and later than Ruby King and remarkable as a show fruit. These chunky monstrosities are bright scarlet when ripe, mild in flavor, larger in diameter of any known Pepper and are really wonderful to look at. The Plant is stocky and about 2 feet high. The Peppers are 4 to 5 inches in diameter—4½ inches long and usually 4 ridges, indented at the blossom end.

Crimson Giant or Ohio Crimson—125 Days

Similar to the Ruby King, but broader, longer and deeper fruited like Chinese Giant, a monster about 4½ inches long by 4 inches wide, but not so large as Chinese Giant. Vines strong, dark, large leaved, very productive in fruit, frequently bearing 7 or 8 fruits at once and covered by a succession of smaller fruit. Mild in flavor.

Golden Bell or Golden Dawn—120 Days

Shaped like Bull Nose, fruit smaller, but yellow all over. Same general character as Bull Nose. Fruit 2 to 2½ inches across and 2 to 2½ inches long. Usually three lobes to each fruit. Mild.

Harris Early Giant—110 Days

The earliest and most prolific of all the large red peppers. Plants inclined to be dwarf but very hardy. Fruit bright red in color, 3½ to 4 inches long and 3 inches wide, with very thick strong walls. Sweet, mild flavor—an excellent sort for the home garden or for shipping.

Long Cayenne—100 Days

Fruit about 3 to 3½ inches long, ½ inch across at stem end twisted to a point. Long and slender. Color bright crimson, and very hot. This variety is used extensively with pot herbs.

	Pkt.	Oz.	¼ lb.
Anaheim Chili.....	.05	.45	1.50
Bull Nose.....	.05	.30	1.00
Calif. Wonder.....	.05	.55	1.80
Chinese Giant.....	.05	.60	2.00
Crimson Giant.....	.05	.60	2.00
Golden Bell.....	.05	.50	1.75
Harris Early Giant.....	.05	.55	1.80
Long Cayenne.....	.05	.45	1.50

PEPPER—Continued

Neapolitan—90 Days

Plants about 2 feet tall. Earliest, fair sized. Possibly the most productive of all the large Peppers, bearing constantly until frost. Mild as an apple. Fruit about 4 inches long and 4½ inches in circumference, standing upright until they get so heavy they sometimes droop. A variety in which the length is over twice the diameter. Remarkably early for a large fruited Pepper.

Pimento—100 Days

Very productive, smooth skin, good size, flesh thick, very solid, bright red, mild flavor. Very good for stuffing. Largely used by canners and is a reliable bearer. Plants 2 to 2½ feet high.

Royal King or Sweet Bull Nose—115 Days

A large, superb, prolific, bright and glossy sweet pepper. Flesh mild. Plants strong and stocky. The wonderful color, the unusually thick flesh, and the almost perfect regularity in the size of the fruit make this an ideal shipping pepper. It is rapidly becoming the most popular sort for this purpose.

Ruby Giant or World Beater—115 Days

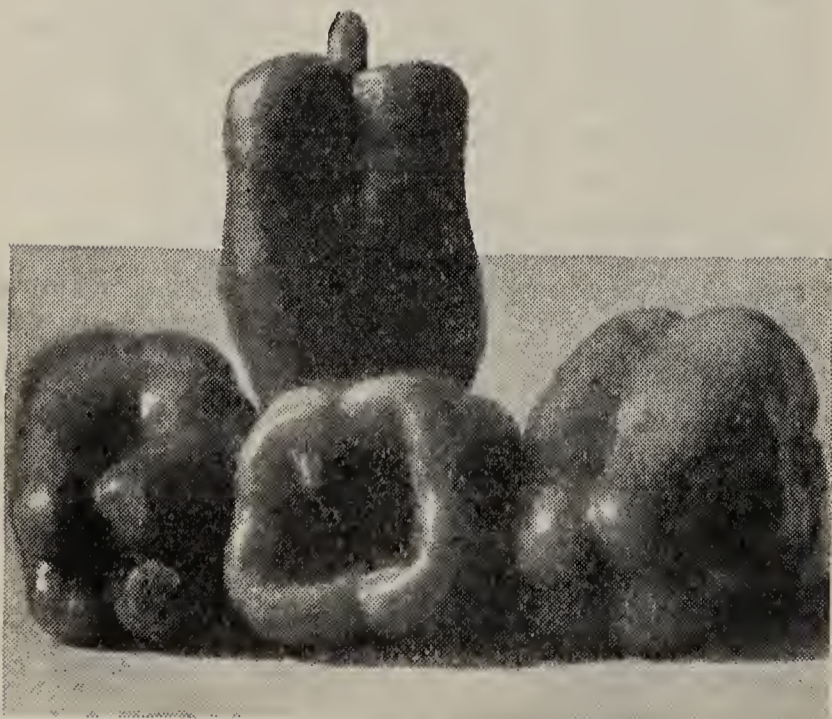
A large variation of Ruby King, with Chinese Giant blood. Similar in shape to Ruby King but broader at the blossom end. Bright red. Unusually productive. Mild in flavor, flesh thick, consequently a fine shipper. Is a very desirable variety.

Ruby King (Black's Strain)—110 Days

This is a very superior strain of Ruby King selected by us for its uniformity of type. All raised by us on our Bloomsdale Farm. We consider it unsurpassed in quality.

Ruby King—110 Days

A general favorite where known and the most generally used of all Peppers. It is the longest of the monstrous peppers. A brilliant red, produces 10 to 15 fruit to the plant, of usually three lobes.



Ruby King (Black's Strain)



Ruby King

The fruits are often 6 inches long and 3½ inches wide across the shoulder. Walls are thick and sturdy. Flavor sweet or mild. A sort which resists decay longer than any other. Altogether, the most used Pepper in the list.

Very Small Cayenne—90 Days

Height of plant about 2 feet. Length of fruit 1½ to 2 inches—¾ of an inch thick. Being much smaller than the old Cayenne and of ideal shape make this variety very superior, and it is rapidly becoming very popular. Exceedingly productive, bearing very hot, upright, bright red fruit all over the plant. Used extensively as a pot herb.

	Pkt.	Oz.	¼ lb.
Neapolitan.....	.05	.45	1.50
Pimento.....	.05	.30	.90
Royal King.....	.05	.40	1.25
Ruby Giant.....	.05	.40	1.25
Ruby King (Black's Strain).....	.05	.60	2.00
Ruby King.....	.05	.40	1.25
Very Small Cayenne.....	.05	.45	1.50

THE VALUE OF AN EXPERIMENTAL OR TRIAL GROUND

The success of a seedsman depends upon his Field Experience as a worker in a Garden or his familiarity with a Trial Ground worthy of the name. A place in the open fields is like the laboratory to the chemist; where differences can be tested and noted.

Pictures in this Catalog show sections of Landreths' Experimental Grounds, where hundreds of stocks of Seeds from many sources are tested for the purpose of showing purity or impurity, earliness or lateness, size of plant, color, flavor, texture, and in fact a comparison of every quality.

Bloomsdale Farm is the scene of much activity during the harvest season. Below are pictured two piles of squash and pumpkin awaiting the extraction of the seed.



Cheese Pumpkin



Boston Marrow Squash

Four Pounds of Seed Will Plant an Acre
Hills 8 x 8 if Planted in the Open

PUMPKIN

Native of Tropical America

The time for planting Pumpkin seed varies from the first Corn planting until about a month subsequent. Later than that a successful crop cannot be expected as this plant requires a long season. When grown with Corn every fourth hill of every fourth row may be planted in Pumpkin Seed and this should be done when the Corn is planted. During the working of the Corn, the Pumpkin plants will stand unharmed, and after the corn cultivation ceases, the Pumpkin vines will extend over the field, almost covering it. Pumpkins are more of a field than a garden Vegetable.

**Brother Jonathan or Green Striped Cashaw—
—110 Days**

Fruit large, bottle shaped, with very slight crook-neck, not as shapely a neck as the Landreths' Yellow Cashaw, many fruit being almost straight. Color creamy white, with regular stripes of green. Flesh light yellow and thick. Average weight about 12 pounds.

Connecticut Field or Big Tom—110 Days

A large, rich, smooth, orange yellow, slight oval or cylindrical fruit. Very productive, used extensively for canning. Popular for pies. Grown very largely in Corn fields. Average weight about 25 pounds.

Japanese Pie—145 Days

Yellow fleshed, fine quality. Dark green skin. Similar in shape to Cashaw, but not nearly so crooked a neck. Color at maturity dark green, heavily russeted at stem-end, very productive. Average weight about 10 pounds.

Kentucky Field—110 Days

A poor selection of our famous Cheese Pumpkin. Many variations in shape. Some fruits very much like a round Watermelon, others as a nail keg. Color a light golden cream. Very variable in weight.

LANDRETHS' CHEESE—100 Days

An excellent kitchen variety. Shape flat like a Cheese box. Outside color lemon, no stripes, a fine keeper. Often 15 inches across the top and 6 to 7 inches thick, top and bottom indented. We can say without hesitancy there is no stock in the market equal to the Cheese Pumpkin we are offering. Don't confuse this stock with the Kentucky Field offered by many seedsmen as Cheese. Average weight 17 pounds.

**Small Early Sugar or New England Pie—115
Days**

This is a very fine, small, sweet, fine grained productive sort, of good keeping qualities. Fruit oval, or globular, flattened at both poles, 8 to 10 inches in diameter, slightly ribbed. Flesh a deep rich yellow or orange. Weight 6 to 8 pounds.



Landreths' Yellow Cashaw

Tennessee Sweet Potato—110 Days

Smooth, pear shaped, round, white skin, slightly mottled with green. Flesh creamy white of fine texture. Weight about 14 pounds.

LANDRETHS' YELLOW CASHAW—115 Days

Our stock of this cannot be excelled by any. It is a mammoth Pumpkin, frequently weighing 30 pounds, with a very large, full, meaty, curved neck, with the best colored meat to make fine pies. Both outside and inside color very rich yellow cream. No stripes of any kind. Crookneck often bends back so as to touch the body.

**Yellow Monster or King of the Mammoth—120
Days**

This is the largest Pumpkin on the market today and in reality is a monster. For many years fruits of this sort have been awarded every prize in State and County Fairs for the largest Pumpkins. It is not only an exhibition sort but is a very profitable variety for raising for stock feeding. Bright lemon in color, mottled with orange. Round with a tracing of ribbing. Excellent flavor for table use. Weight 60 to 100 pounds.



Landreths' Cheese

	Pkt.	Oz.	¼ lb.	Lb.
Brother Jonathan.....	.05	.15	.35	1.15
Connecticut Field.....	.05	.10	.25	.75
Japanese Pie.....	.05	.15	.40	1.25
Kentucky Field.....	.05	.10	.25	.75
Landreth Cheese.....	.05	.15	.40	1.25
Small Early Sugar.....	.05	.15	.30	1.00
Tennessee Sweet Potato....	.05	.15	.40	1.25
Yellow Cashaw.....	.05	.15	.40	1.25
Yellow Monster.....	.05	.20	.55	1.75

Four Ounces of Seed Will
Sow 100 Yards of Row

RADISH

Six Pounds Will Sow An Acre

Radish originally came from the East Indies and has been cultivated in Europe since the 16th Century

Sow Radish Seed as soon as the ground is in condition to work, or just before the Cherry is in bloom. This is one of the earliest Vegetables that one can grow in the garden in the Spring. Radishes grown on thin soil can never be good. They will be misshapen and tough. The shape largely being influenced by the depth the seed is planted. When planted too deep they usually get too long. To be good, they must always be grown quickly. In selecting the seed of Radishes for hot beds, always be sure to select those varieties with short tops.

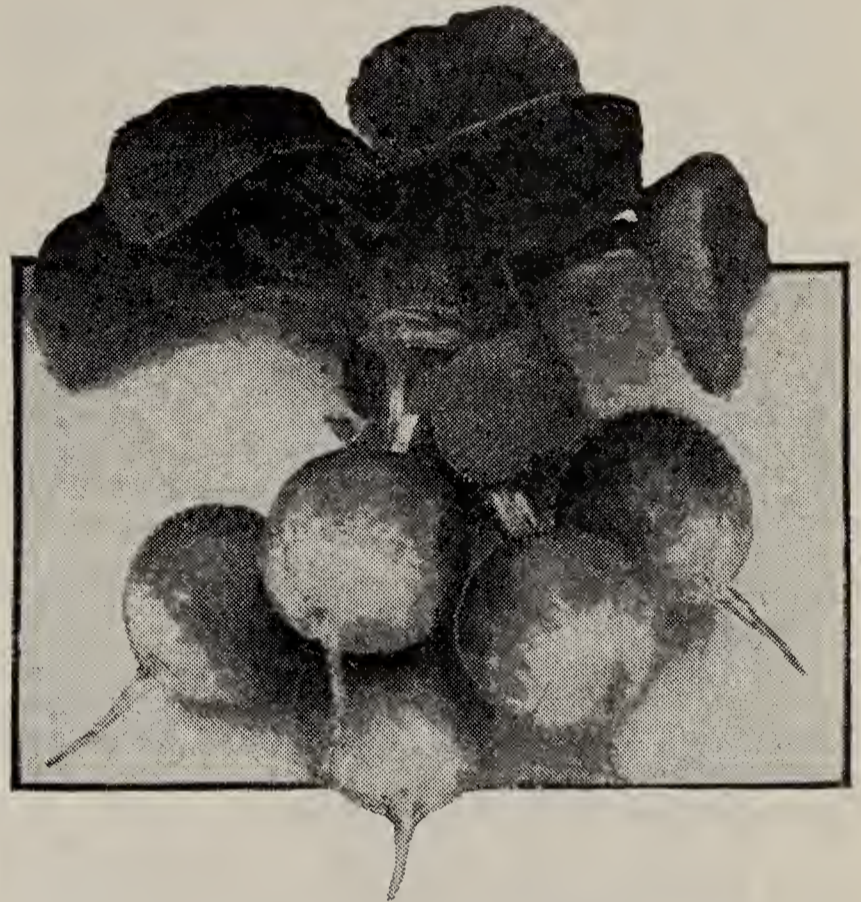
EARLY TURNIP VARIETIES

Crimson Giant—25 Days

This is one of the largest of the early all-red varieties. Roots almost globular in shape, 1 to 1½ inches in diameter when edible. Tops slightly taller than Scarlet Globe. Crimson in color, and of excellent quality, remaining edible a long time.

Early Scarlet Globe—23 Days

Roots of this variety are slightly oval, of a first-class all-scarlet color, excellent for early forcing, or for outdoor or kitchen garden planting. Most highly recommended and the most popular sort grown today. Our stock of this variety cannot be surpassed by any Scarlet Globe on the market, no matter what its name may be. Tops short, about 4 to 5 inches.



Landreths' Special White Tipped Scarlet



Early Scarlet Globe

Early Deep Scarlet Turnip—24 Days

Scarlet in color, smooth skin, round roots 1 inch in diameter, slightly flat, excellent for forcing. Short tops.

Early Scarlet Turnip White Tipped—24 Days

Turnip shaped to oval. Scarlet crowns with bottom one-third white. The very attractive Radish familiar on the market stands. Short tops.

French Breakfast—25 Days

Olive shaped or stump rooted. Upper part of bulb bright scarlet, white tipped one-third of the way up from the bottom. An excellent variety for the private garden. About 1½ inches long and ¾ inch in diameter. Short tops with the bulbs growing slightly above ground.

Philadelphia White Box—30 Days

So named because often grown in open frames or boxes. Remains in solid edible condition a long time. Roots white and globe to turnip shaped. Does not get pithy until quite old, which makes the sort most desirable for the family or market gardener.

	Pkt.	Oz.	¼ lb.	Lb.
Crimson Giant.....	.05	.15	.30	.85
Early Scarlet Globe.....	.05	.15	.30	.85
Early Deep Scarlet.....	.05	.15	.30	.85
Scarlet White Tipped.....	.05	.15	.30	.85
French Breakfast.....	.05	.15	.30	.85
Philadelphia White Box.....	.05	.15	.30	.85

RADISH—Continued

Landreths' Special White Tipped Scarlet or Sparkler—24 Days

Something extra fine. Small in leaf, very early. Flat to globular, with an unusual amount of white on the bottom which often extends one-third to one-half up the bulb, the lower half being white, the upper half bright scarlet; consequently, the contrast in color being very showy either on the table or market stand. We highly recommend this as a most attractive sort.

LANDRETHS' 15-DAY SHORT LEAVED EXCEEDINGLY EARLY SCARLET OR SAXIA

A fine brilliant scarlet globe-shaped bulb, which has very small tops. A most desirable variety for forcing. We cannot recommend it too highly. It will lead the market in all scarlets, being ready for table use in 15 days from germination. This is a remarkable Radish for indoor culture, especially for private gardeners.

LONG ROOTED VARIETIES

Chartier or Long Rose—35 Days

Sometimes called Sheppard. This is an excellent variety for planting outdoors. Roots slim, 1 inch thick, averaging 7 to 8 inches in length. Bright rose in color, very brilliant, shading to a white tip. Good shoulder.

Cincinnati Market—30 Days

A decided improvement over Woods Early Frame. Scarlet four-fifths of the length, one-fifth at the point being white. It is a long, slim, transparent, about 6 to 7 inches long. Flesh white, crisp, mild and tender.

Long Scarlet Short Top—35 Days

This is a first-class brilliant scarlet Radish growing 7 to 8 inches long, with a good shoulder and one of the best long scarlet Radishes on the market.

Long White Icicle—30 Days

We consider this the best all-white Long White Radish on the market. The roots are shorter than the old White Vienna and earlier and very brittle. They are 5 to 6 inches long and about ½ inch in diameter. Pure white and transparent, possessing unsurpassed eating qualities. Mild in flavor.

Strasburg Long White or Hospital—40 Days

Long in form, roots 4 to 6 inches and about 1½ to 2 inches in diameter. Skin is pure white and smooth. Roots thick at shoulder, tapering to a point. Remains in edible condition a long time.

Wonderful Half Long or Half Long Brightest Scarlet—32 Days

An early half long with a sharp, white point. Color of upper part brilliant scarlet. Length 2½ inches contracting from a broad shoulder to a sharp point.

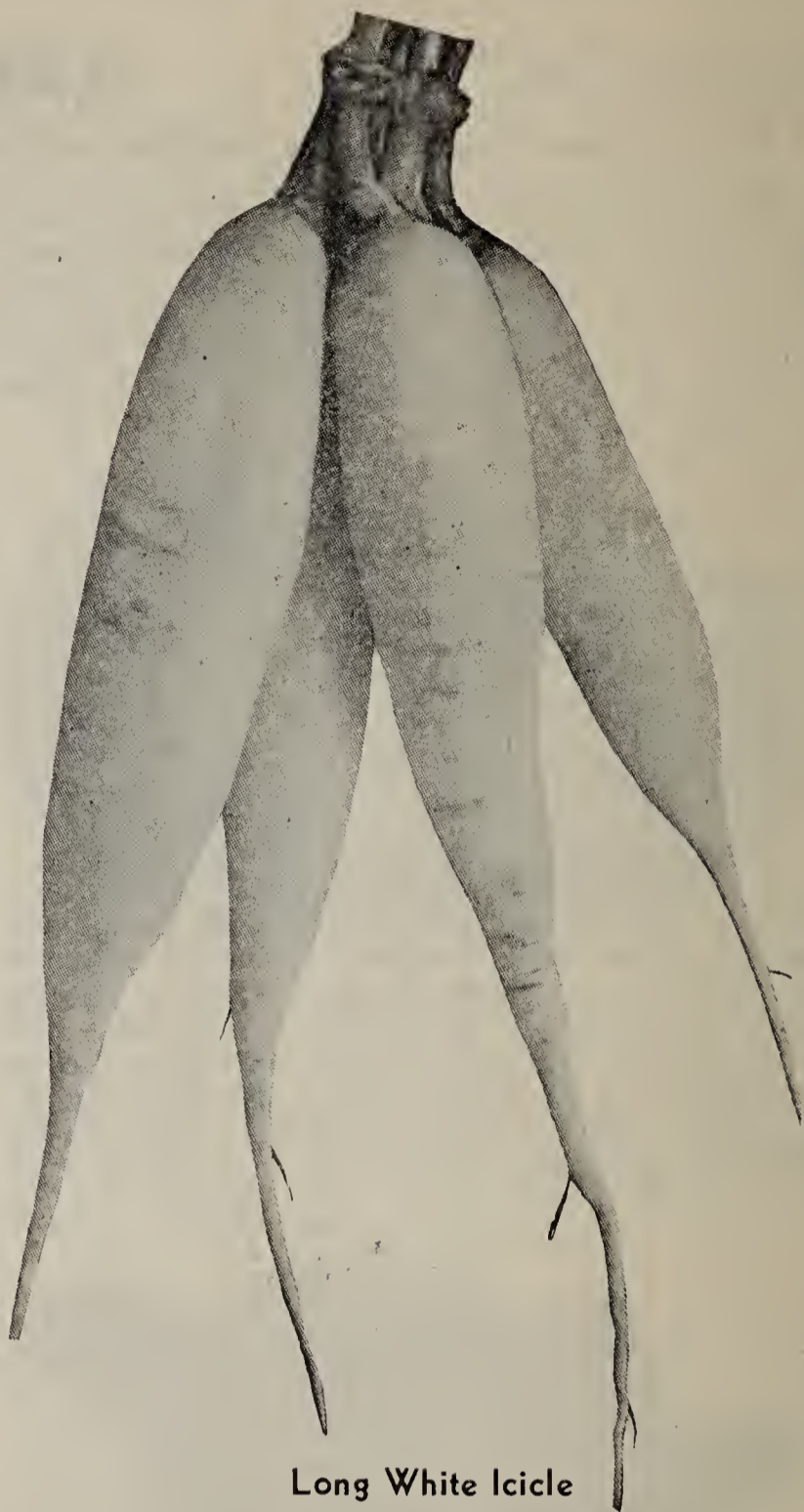
WINTER VARIETIES

Celestial or Chinese Half Long Stump—56 Days

A quick growing variety somewhat resembling Half Long Stump Rooted Carrot in shape, only fuller. Roots are white, 5 to 6 inches long, 2½ to 3 inches in diameter. Very crisp and tender and of delicate flavor. This is one of the best winter Radishes on the market.

China Rose or Scarlet China Winter—58 Days

A fine Winter sort, half long stump, scarlet in color four-fifths of the length, remainder white. The roots are cylindrical, and larger at the bottom than at the top. Skin a bright deep rose, flesh white, tops moderately large. Is a cutleaf, stem tinged with rose. Roots about 5 inches long. Blunt at both ends.



Long White Icicle

Long Black Spanish—65 Days

Roots 8 to 10 inches long and 1½ to 2 inches in thickness. Outside skin black. Flesh solid, pure white and of good texture. A very hardy winter Radish, particularly desirable.

Long White Spanish—70 Days

Similar to Long Black Spanish except in color. Keeps as well as a Potato.

Round Black Spanish—60 Days

A fine round or top-shaped, black skinned Winter Radish, 2 to 3 inches in diameter. Skin almost black, flesh pure white.

	Pkt.	Oz.	¼ lb.	Lb.
Landreth Special.....	.05	.15	.30	.90
Landreth 15-Day Scarlet....	.05	.15	.30	.90
Chartier.....	.05	.15	.30	.85
Cincinnati Market.....	.05	.15	.30	.85
Long Scarlet Short Top.....	.05	.15	.30	.85
Long White Icicle.....	.05	.15	.30	.85
Strasburg.....	.05	.15	.30	.85
Wonderful Half Long.....	.05	.15	.30	.85
Celestial.....	.05	.15	.30	.90
China Rose.....	.05	.15	.30	.90
Long Black Spanish.....	.05	.15	.30	.90
Long White Spanish.....	.05	.15	.30	.90
Round Black Spanish.....	.05	.15	.30	.90

RAPE or COLEWORT

One of the very best plants for pasturing cattle, sheep and swine. Under very favorable conditions the pastures will be ready within six weeks, but in any event, in eight or nine weeks. One acre will feed a dozen sheep six or eight weeks. As rape thrives best in cool weather, plant early in the Spring or late in the Autumn. Broadcast five pounds of seed per acre or if sown in drills three pounds are sufficient.

Dwarf Essex—lb., 20c.; 10 lbs., \$1.80.

RHUBARB or PIE PLANT

Four Ozs. of Seed Will Produce Enough Roots for 100 Yds. of Row

It is very easy to grow your own rhubarb roots from seed. Healthy, strong, excellent roots can be grown in one year. The second and succeeding years they will produce an abundance of rhubarb equal to any grown from roots. Roots grown from our seed have never been known to be diseased and are healthy, always hardy, and of strong growth.

It is best to plant the seed in a bed and after frost transplant the roots 18 inches apart to their final place. Plant the roots deep so that the crowns are three-quarters of an inch below the surface. If it is desired to plant seed in place of roots, thin the young plants in the Summer to 9 inches and early in the following Spring to 18 inches.

Victoria—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

SALSIFY or OYSTER PLANT

Four Ounces of Seed
to 100 Yards of Row

A Native of South Europe

Eight Pounds Will
Sow An Acre

This plant produces an edible root, long and slim, white-fleshed and smooth white skin and has a distinct oyster flavor. Leaves gray-green, long, straight and narrow. It is a native of Sardinia, but only within the present century used as a culinary vegetable. Sow in drills when the Cherry tree is in bloom, or as soon as ground can be worked. The drills should be 18 to 24 inches apart and seed planted in deeply dug and well-manured ground. When the plants are up a few inches, weed and thin them so as to stand 3 to 4 inches apart. In Fall, bury in pits, same as Carrots or Beets. Cultivate in all respects as directed for Carrot.

Sandwich Island—110 Days

A very superior strain, producing smooth, large, vigorous roots, 6 to 8 inches long, 1 to $1\frac{1}{2}$ inches thick. Roots similar to a slim Parsnip. Often called "vegetable oyster."

Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Salsify

SORREL

Sorrel is cultivated for its leaves which are used in the same manner as Spinach. As with Spinach the seed stalks should be cut off as soon as they appear; if this is not done the leaves become acrid and tough and soon dry up. Cultivate the same as Spinach but plant in drills 18 inches apart.

Broad Leaves—Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.80.

SUNFLOWER

The seed can be sown from early Spring until July, depending upon the time the crop is wanted. Drill in rows $3\frac{1}{2}$ feet apart, then thin the plants one to every 12 or 15 inches.

Early Russian— $\frac{1}{2}$ lb., 12c.; lb., 18c.; 10 lbs., \$1.60.

Four Ozs. of Seed Will Sow 100 Yds. of Row

SPINACH

Ten Lbs. Per Acre When in Rows
Twenty-five Lbs. to the Acre Broadcast

Spinach was first cultivated in Western Asia. The seed was originally all prickly

BLOOMSDALE RESELECTED (Dark Green)— 40 Days

Sometimes called Norfolk Savoy. The Landreths introduced and named this general type in 1826. Since then it has become a standard and now appears in nearly all catalogs in the United States and is equally well known in Europe. No Spinach is so well known as this variety and we are perfectly safe in saying that five times as much of this is sold and planted in the United States, as any other variety. As an Autumn sort it is superior to all others, but in Spring it is inclined to shoot early. The leaves are twisted, bloated or savoyed, and a glossy dark green, giving them an elasticity adapting them for transportation over long distances and at the same time giving the crop large measuring qualities. Edible in 40 to 55 days from planting. This Seed may be sown in the Autumn or as early in the Spring as the condition of the ground will permit. We advise by all means to plant in the Autumn the Bloomsdale Reselected Dark Green Spinach as it is by far the best of all the Autumn varieties. It is, however, not as good for Spring planting as Bloomsdale Long Standing, Juliana, or Nobel, because it shoots early to seed. Spinach, when planted south of New York City, stands out all Winter and

during the various open spells throughout the Winter can be cut and sent to market as a green vegetable; very valuable in this respect.

BLOOMSDALE LONG STANDING (NEW)— 45 Days

Remains ten days longer in table condition than the main crop, Bloomsdale Reselected. 3 to 5 days later than Bloomsdale. Remarkable in the total absence of male plants. This selection possesses all the good qualities of the famous Bloomsdale Reselected, from which it is a plant selection made in Holland, the habit of remaining longer in shipping condition after Bloomsdale shoots to Seed, which marks it as a very valuable type. Sow it and be convinced that it has unusual merit.

	Pkt.	¼ lb.	Lb.
Bloomsdale Reselected . . . . .	.05	.15	.45
Bloomsdale Long Standing . . . . .	.05	.15	.45



Bloomsdale Reselected Spinach

Blight Resistant or Virginia Blight Resistant Savoy—45 Days

Developed in 1921 by the Virginia Truck Experimental Station, Norfolk, Virginia, after many years of careful breeding and selecting. It is of the Bloomsdale type but is absolutely blight resistant. It is not adapted to Spring planting as it shoots to seed quickly at that time.

Giant Nobel or Gaudry—55 Days

An erect, strong growing, long standing sort of the Flanders type. Leaves unusually broad, firm, and thick. Arrow shaped with a rounded top. Light green to yellowish green in color, smooth, and the largest of any Spinach. A most desirable variety for those who do not favor a savoy leaf. Slow to shoot to seed, a most decided acquisition.

King of Denmark Spinach—50 Days

An intermediate, long-standing, heat resistant variety, hardy, vigorous grower, spreading in habit, inclined to grow flat on the ground, leaves large, long, broad, somewhat savoyed, with long stems.

Large Leaved or Broad Flanders—52 Days

This is a large leaved variety, as its name implies. Grows erect, consequently does not collect sand. Leaves broad, arrow-shaped to round, bright yellowish green in comparison with Bloomsdale. Long stems, and inclined to be flat.

Long Seasons—50 Days

More nearly resembles the Bloomsdale Reselected than any other variety, but much later and not so large. Might be termed spring stock of Bloomsdale Reselected. It is very slow to shoot to seed. Leaves dark, black-blue green in color, crumpled, savoyed thick, succulent and tender.

Long Standing Round Seeded Thick Leaved—60 Days

Plants very large and late. Leaves broad, arrow-shaped to round, smooth, dark green. Used more by market gardeners or truckers than kitchen gardeners.

New Zealand—70 Days

Absolutely distinct in form, color and habit from other Spinach—it is not a Spinach, though used as a Spinach. Foliage thick, succulent, dark green, never sunburns, a true heat resistant, leaves covered with water globules like an ice-plant. Later to mature for table than Spinach of usual form, but remaining in edible condition ten times as long.



Bloomsdale Long Standing

Some plants in condition from July until killed by frost. A sort to "cut and come again," as it is most productive, continuously over a period of 150 days. The plants spread five times as wide and rise to three times the height of ordinary Spinach, covering the ground. Slow to germinate. Excessive heat does not check its growth. Listed by Landreth first in their 1832 Catalogue. It originated in New Zealand as the name implies, and was carried to England by Sir Joseph Banks. A most desirable vegetable. Rows should never be less than 2 feet apart. Plants should be thinned 4 to 5 inches apart.

Princess Juliana—50 Days

A very choice, long-standing, dark, glossy, metallic green, midseason variety, somewhat resembling the Victoria in form of leaf and habit of growth, but is a much larger variety. It grows very close to the ground and produces an abundance of thick, crumpled leaves which retain their crisp, green appearance a long time. This makes it one of the most popular varieties for the market gardener. The originator of this variety for several years removed all the excessive male plants which are the quick shooting ones, until there are practically none of them left. This makes the variety a very uniform even crop.

Victoria—50 Days

This most excellent midsummer variety produces large, thick, very dark, tender leaves. The leaves vary in shape, some are rounded at the ends, while others are broad arrow shaped. The plants are large and compact. This sort is as early as many but remains edible much longer than most kinds.



New Zealand

	Pkt.	¼ lb.	Lb.
Va. Blight Resistant	.05	.15	.45
Nobel	.05	.15	.45
King of Denmark	.05	.15	.45
Flanders	.05	.15	.45
Long Seasons	.05	.15	.45
Long Standing	.05	.15	.45
New Zealand	.05	.25	.75
Princess Juliana	.05	.15	.45
Victoria	.05	.15	.45

SUMMER AND WINTER SQUASH

Three Ounces of Seed Will Plant 100 Yards of Row. Use Three to Four Pounds per Acre

This seed may be planted when the Apple is in bloom, or as soon as the ground can be worked, and for several weeks subsequently, but not later with much hopes for a crop. It should be planted in hills 4 x 4 feet for the Bush varieties and 6 x 8 feet for the long running sorts. An admirable vegetable when cooked young.

SUMMER VARIETIES

Benning's or Green Tinted Bush—48 Days

An early greenish colored scalloped squash of excellent quality. Similar to White Bush in shape and manner of growth, with somewhat thicker fruits which are greenish white in color. A true non-running squash.

Cocozelle or Italian Green Striped—70 Days

A compact vine. Fruit somewhat the shape of a Banana Cantaloupe, about 12 to 15 inches long, 4 to 5 inches thick. When young dark green, afterwards light yellow. Excellent for slicing and frying like Egg Plant.

Early White Bush or Patty Pan—52 Days

The Cymbling of the south, sometimes called Patty Pan. The shape of this variety is round, about 4 inches thick, 8 to 10 inches across, scalloped on the edges with frequent warts on both sides. Color, creamy white. It is a true bush. One of the best Squashes to stew.

Giant Summer Crookneck—60 Days

A large fruited selection of the old-time Golden Summer Crookneck. Fruit averages about 12 to 18 inches long and 6 to 8 inches thick, well crooked and covered with warts, color a deep orange. When young, a very good slicer and excellent fried.

Golden Summer Crookneck—50 Days

This is similar in all respects to the Giant Summer Crookneck, except that it is earlier and smaller in every way. The most used of all Summer Squashes.

Mammoth Straightneck—60 Days

A selection of the Giant Summer Crookneck. It is the same in all respects except that the neck is straight.



Early White Bush

Delicious—90 Days

In shape resembling a medium sized Hubbard. Shell not very thick, but is rather hard and strong; color, usually dark green, sometimes lighter and mottled. Flesh thick, fine grained; color, bright yellow. Fine for Market and Home Garden.

Hubbard Blue—95 Days

An early blue skinned Hubbard of excellent quality.

Hubbard Golden or Red—92 Days

Similar in shape to the Green Hubbard, only earlier. Skin usually warted, of a fine orange-red color except for a slight tinge of green at blossom end. Flesh deep orange.

Hubbard Improved or Green—95 Days

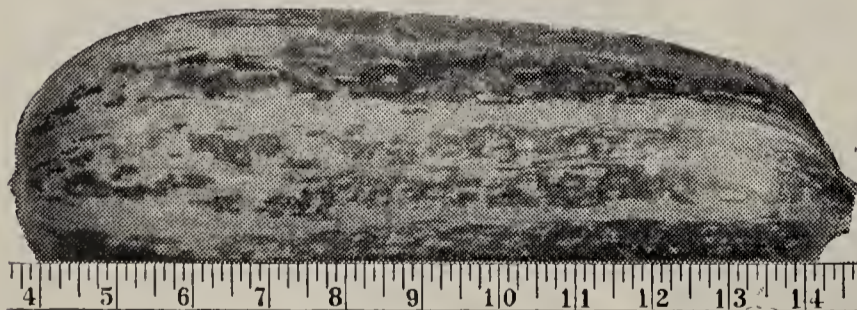
A very popular Squash, pointed at both ends. Skin dark green or bronze, slightly marked with orange. Flesh is a bright yellow orange. An excellent keeper, sometimes lasting until Spring. A favorite with the Canners.

Hubbard Warty—95 Days

Identical to the old form of Hubbard in every way, but covered with warts, and by some, preferred to the smooth Hubbard.

Mammoth Chili—96 Days

The largest Squash, often reaching a weight of 100 pounds. Fruit long and pointed at blossom end. Very showy, skin bronze, flesh thick, color of the flesh is orange.



Cocozelle

WINTER OR RUNNING VARIETIES

Boston Marrow—95 Days

A meaty or thick fleshed, very productive variety, suitable for canning. Fruits keep weeks after the vines have been killed by frost. Color of skin bright orange shading to lighter color. Flesh deep orange. A fine Squash for pies and Winter use.

	Pkt.	Oz.	¼ lb.	Lb.
Benning's Bush	.05	.15	.40	1.25
Cocozelle	.05	.15	.40	1.25
Early White Bush	.05	.15	.40	1.25
Giant Summer Crookneck	.05	.15	.40	1.25
Golden Summer Crookneck	.05	.15	.40	1.25
Mammoth Straightneck	.05	.15	.40	1.25
Boston Marrow	.05	.10	.25	.75
Delicious	.05	.20	.55	1.75
Hubbard Blue	.05	.20	.55	1.75
Hubbard Golden or Red	.05	.15	.45	1.50
Hubbard Green	.05	.15	.45	1.50
Hubbard Warty	.05	.15	.45	1.50
Mammoth Chili	.05	.15	.45	1.50

TOMATO or LOVE APPLE

We have not yet been able to find an absolutely wilt-resisting variety, although some seedsmen advertise such under all conditions. We will be indeed grateful to anyone who can show us such a variety. One ounce of Seed will produce 1500 plants. $\frac{1}{4}$ lb. of seed will produce enough plants for one acre. Ripening for table 95 to 120 days from sowing, according to variety and season.

The Tomato was introduced in the year 1596, but for many years was cultivated only as a curiosity or ornamental fruit for the embellishment of the table. In fact, people were afraid to eat it, as there was a popular impression that it produced cancer, consequently it was eaten only by a few venturesome people.

The first reference to the Tomato in an American Seed Catalogue is found in Landreth's Catalogue of 1820, and the sort then referred to was a yellow Tomato. It was not until after 1840, when six sorts were cultivated, that they became a general article of diet, but all were poor in comparison with present forms.

In 1862 the Fiji, a large, rough, meaty, purple sort, was introduced. It was the forebear of all the purple sorts from which have been bred the Essex or Acme, and Beauty, with all their variations. In 1866 were introduced the improved sorts, known then as Cooks Favorite, Canada Victor and others, which two years later were greatly improved upon by the Tilden.

When the Apple is in bloom or the time for frost is past sow in hills three feet apart on a warm border. For a later supply sow a short time afterwards in a more open spot. As the plants advance in growth, support them by brushwood. To have the Tomato very early, it is necessary to start the seed in a hot-bed, or it may be sown in a flower pot or cigar box in a window and afterwards transplanted.

For intermediate crop, they may be raised in outside beds. For late crop the seed may be planted in permanent position when the Apple is in bloom. The average production of fruit, per acre on cultivated and fertilized land, is about 14,000 pounds, or say 250 bushels per acre, though over twice that quantity has often been grown.

In purchasing Landreth's Bloomsdale Grown Tomato Seed, the buyer is certain of the absolute purity of what he buys. Every crop is produced from seed saved from hand-selected fruit of the preceding year, every one of the fruits was closely inspected and approved as to shape, size, color and general appearance, and what is more important, only fruit saved from vines of approved development or otherwise plant selection. **Landreth is distributing a free circular on tomato. All growers should have one.**

[FOR OTHER CERTIFIED TOMATOES SEE INSIDE FRONT COVER PAGE]

BREAK O'DAY (CERTIFIED)—95 Days

This is a new variety which we believe is destined to become a very popular early red, grown in the South for the Northern market, and is one of the best early varieties for market gardeners anywhere.

Dr. F. J. Pritchard, of the U. S. Department of Agriculture, originated this variety by crossing Marvana with the Marglobe, and it was his opinion it is superior to the Marglobe, which is paying it a high compliment as Dr. Pritchard also originated Marglobe.

The vines are very open growing and somewhat resemble Earliana in appearance, although the leaves are small and rather short for such a prolific plant. It is quite resistant to disease and can stand severe adverse weather conditions. The fruits are medium to large in size and quite closely resemble the Marglobe, as to shape, and color inside and out. It is very productive in those states where it was extensively grown for experimental work; namely, Florida, Pennsylvania and New Jersey. It is only a few days later than our Earliana and because of this and its smoothness and solidity, believe it will replace Earliana. **See uncertified seed, page 75.**

Pkt., 10c. Oz., 60c. $\frac{1}{4}$ lb., \$2.00

GREATER BALTIMORE (CERTIFIED)—110 Days

A main crop variety as a fruiter, slightly more satisfactory than Stone because, although it is about the same size, it is earlier and more productive. It is very dependable for the vines are stout, continuous croppers and remain in full vigor until killed by frost. The fruits are large, solid, round, red, and free from any kind of blemish. **See uncertified stock.**

Pkt., 10c. Oz., 60c. $\frac{1}{4}$ lb., \$2.00

NORTON (CERTIFIED)—115 Days

This is a wilt-resistant strain of the original Stone. For this reason it is considered by many as the superior to Stone.

Pkt., 10c. Oz., 60c. $\frac{1}{4}$ lb., \$2.00

TOMATO—Continued

PRITCHARD or SCARLET TOPPER (CERTIFIED)—95 Days

The Scarlet Topper or Pritchard Tomato, a new variety of considerable merit, was developed by the late Dr. Fred J. Pritchard, of the United States Department of Agriculture. Cooper's Special, a self-topping pink tomato, was crossed with Marglobe, a red variety now widely grown.

The plants of the new variety Scarlet Topper are comparatively small, the leaves and stems a little coarser than those of Earliana. The vines are branching and fairly short, the tips ending in clusters of fruit or leaflets, thus giving it the name of "Topper."

The fruits are possibly a few days later than Earliana, medium in size and globular or slightly flattened at the blossom end. Features of this variety which strongly appeal to canners, are its dark red interior, as well as exterior color, and its extreme solidity. Another strong point in its favor as a canning tomato, is its large yield of ripe fruit on rich soil over a short picking period.

Pkt., 10c.

Oz., 70c.

 $\frac{1}{4}$ lb., \$2.25

LANDRETHS' RED ROCK (CERTIFIED)—110 Days

A choice sort, exceedingly solid, or, in other words, free from water, full of pectin, that is, a gum-like juice. Nothing like it in this respect. Shape round or full-bottomed, smooth as an apple, free from splits, small cavity at stem end, ripens all over, fruit borne in clusters. Vine very healthy; quite rust-resistant. Plant in rich soil. Several days earlier and more productive than Stone. It is rounder, a deeper red, more solid or meaty, larger fruited. **See page 76 for uncertified seed.**

Pkt., 10c.

Oz., 60c.

 $\frac{1}{4}$ lb., \$2.00

STONE (CERTIFIED)—115 Days

A superior sort, a great favorite in all gardens. Used extensively by commercial canners. It is a late sort, productive, producing large, solid, bright red, smooth fruit. One of the old proven standbys. **See page 76 for uncertified seed.**

Pkt., 10c.

Oz., 60c.

 $\frac{1}{4}$ lb., \$2.00

THE BLOOMSDALE—105 Days

A wagon load of the Landreths' Bloomsdale Tomato is very showy. The Earliana, earliest Tomato of any size, ripens a week sooner than the Bloomsdale, but it is somewhat flat, while the Landreths' Bloomsdale is far superior, being plump, smooth and a continuous picker, which the Earliana is not, thus affording little comparison with the famous Bloomsdale variety. In tonnage it is at least a 50% larger cropper than the Earliana, consequent upon its everbearing quality. It is most admirably adapted for a canners' sort, being unusually large, round, smooth, very meaty and crackless, not losing much weight in skinning, a repeater in fruiting, consequently a heavy picker each time. We pick it seven times at intervals of ten days, that is, 70 days of picking. The habit of the plant is particularly hardy, being free from disease, both at stem and blossom ends.

Pkt., 5c.

Oz., 60c.

 $\frac{1}{4}$ lb., \$2.00

"The Bloomsdale"

TOMATO—Continued



Delaware Beauty

BREAK O'DAY—95 Days

For Description of this Variety see page 73

Bonny Best—100 Days

An early, smooth, bright scarlet, productive variety. Very similar if not identical with Chalk's Early Jewel.

Chalk's Early Jewel—100 Days

Five days later than "The Landreth." Large, globular fruit, solid, smooth skin, flesh bright scarlet and of excellent quality. Fruit free from cracks or any convolutions upon the surface. Vine strong and very hardy. A first-class Garden sort.

DELAWARE BEAUTY—105 Days

The Delaware Beauty was introduced by Landreth in the autumn of 1912. A showy medium-sized, red sort. Vine compact, deep green, blight-resistant, thick stemmed, extraordinarily productive. The fruit is almost entirely free from splits, which is a most distinguishing quality. It is very uniform in size and showy, with a habit of simultaneously coloring up all over the fruit. Shape slightly flattish at blossom end, quite globular at stem or crown, and **no depression whatever** at stem end. It is unusually full on top—a most desirable quality, absolutely **no waste**. Its habit of **ripening a week** ahead of the Landreth's Red Rock and **two weeks ahead of Stone** is most desirable. A **productive** sort which was long looked for to come in ahead of these two late varieties. Cannery especially are asked to observe this most profitable character. It, like all other Landreth-grown Tomatoes, can only be bought in sealed, lithographed cardboard boxes and packets.

Earliana—90 Days

One of the best early, red, smooth Tomatoes on the market today. Fruits medium size, nearly round and bright scarlet. Vines healthy with small foliage, very productive and ripening the entire crop in a short time. Vines of this variety in the Middle

Atlantic States are very often dead by September 1st. Used extensively by Cannery for their early product.

Greater Baltimore—110 Days

Certified stock. For description, see page 73.

John Baer—100 Days

An early sort. So similar to Chalk's Jewel, that it is practically impossible to say which is better.

"THE LANDRETH"—95 Days

Quite distinct. It is choice or we would not have named it "The Landreth." This Tomato is not as large as the Landreth's Red Rock, but is just as red and two weeks earlier, ripening five days after the Earliana, but twice as productive, and ripening twenty days ahead of the Stone, Paragon, and similar sorts. The vine is short-stemmed, unusually healthy, blood-red, beyond comparison solid, smooth, meaty and most attractive fruit, **astonishingly productive**. The shape of the fruit is full bottomed, that is, round at the bottom, **quite free from cracks**, with very little cavity at the stem end. The Landreth Tomato is in appearance after the order of Chalk's Jewel, with improvements, but is **five days earlier**, considerably **larger fruited**, far more **productive**, picking over a longer period, of **better color**, more **solid**, and **does not crack**. It is most desirable when an early tomato is needed.

Marglobe—100 Days

Uncertified stock. For description, see inside cover.

	Pkt.	Oz.	¼ lb.
Bonny Best.....	.05	.40	1.25
Break O'Day.....	.05	.40	1.25
Chalk's Early Jewel.....	.05	.40	1.25
Delaware Beauty.....	.05	.40	1.25
Earliana.....	.05	.40	1.25
Greater Baltimore.....	.05	.40	1.25
John Baer.....	.05	.40	1.25
The Landreth.....	.05	.45	1.50
Marglobe.....	.05	.45	1.50



The Landreth—¾ Size

TOMATO—Continued

Matchless—115 Days

This is the largest fruited sort of the second early class, and is especially adapted for home use, near-by markets and in some sections is very popular for canning. Vines are very vigorous, extremely productive and continue to bear until frost. Fruits are bright red in color, half flat, ovoid, smooth, very meaty and solid, having but few seeds.

LANDRETHS' NO SUBSTITUTE—110 Days

Unusually productive. Very showy and distinctive in vine. Similar to the old Potato Leaved, but immeasurably superior. Vines spreading and vigorous, stems thick, leaves very dark and broad resembling a potato leaf, often being larger than a man's hand. The physical vigor of the plant is assured by its great breathing or lung power. Fruit brilliant red, full sized, round or full at bottom or blossom end. Both fruit and vines very healthy. A very desirable sort, fruit ripening one week earlier than Stone, but by far a more showy sort.

Plum Shaped Red—100 Days

2 inches long by $\frac{3}{4}$ to 1 inch in diameter, the shape of a plum. Fruit bright or scarlet red, used in pickling in unbroken form.

Pritchard or Scarlet Topper—95 Days

For description of this variety, see Certified stock.

Radibaugh, Select—110 Days

Very strong and healthy vine, leaves rather small. Fruit red, late, elongated, that is, longer than wide, much resembling the Delaware Beauty but larger. Wilt-resistant.

LANDRETHS' RED ROCK—110 Days

For description of this variety, see Certified stock.

Stone—115 Days

For description of this variety, see page 74.

LANDRETHS' EXTRA EARLY SUNRISE—85 Days

Early: So named as it is undoubtedly the earliest of all Field Sorts, 5 to 8 days earlier than Earliana. **Vine:** Small and compact, which can be set one foot each way nearer than ordinary sorts. **Foliage:** Quite small. **Fruit** in the center of the vine, color red, shape flat, smooth skinned. **Product:** Averaging 10 tons to the acre where other sorts will only average half that amount. Not so highly recommended for late season planting.

PURPLE VARIETIES

Acme or Essex Hybrid—105 Days

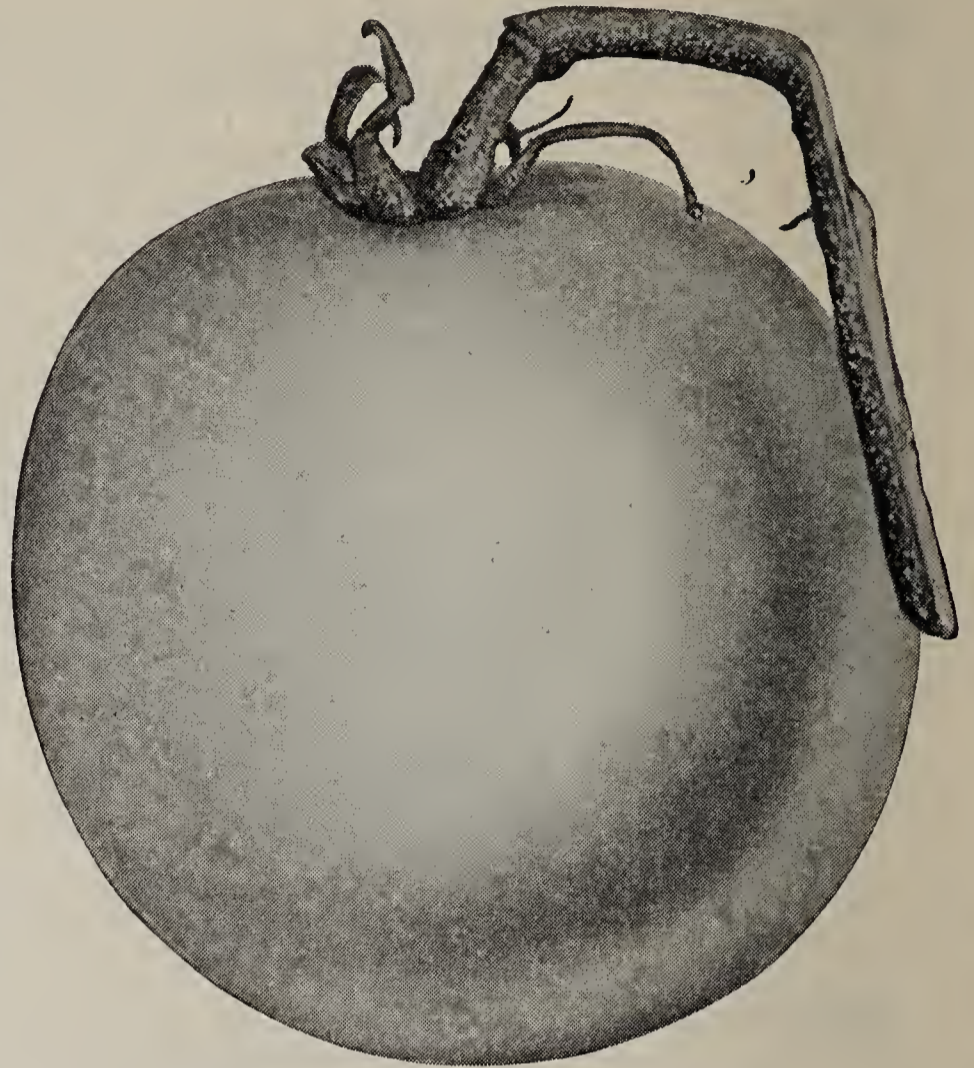
An early ripener, medium size, shape slightly oval and smooth, color reddish-purple; flesh deep scarlet and solid, a very popular sort everywhere, especially in markets where purple fruit is desired.

Beauty—110 Days

Well named, fruit considerably larger than Acme, color same, being reddish purple, solid, meaty, smooth, fine for table, growing on healthy vines.

Cooper's Special Globe—95 Days

This is an improved purple Globe. Vines cling to ground more than other Globes, very productive. Fruit large, solid, smooth skinned. Excellent keeping qualities. One of the best shippers.



Landreth's Crown-Picked Globe

LANDRETHS' CROWN-PICKED GLOBE—100 Days

We call special attention to the Landreth's Crown-picked Globe Tomato. We know this variety to be something very fine as a shipper. The merit of value for shipping of the Landreth's Globe as Landreth bred it, is that it has very thick, tough outer skin and interior walls, fitting it especially to resist skinning, cracking or bursting in transportation, which resisting quality fits it for shipment to much longer distances than **any other known sort**. Don't forget this point as to its unusual resisting quality against cracking and mashing in transportation. The shape of the Landreth's Crown-picked Globe is longer between the stem and blossom end than the measurement across the fruit; in other words, it is slightly oblong or olive-shaped. The color is a rosy red, with never a split or spot. The shippers send many cars of Landreth's Crown-picked Globe to the northern markets. Too much cannot be said as to the merits of the Landreth's Crown Picked Globe.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Matchless.....	.05	.40	1.25
No Substitute.....	.05	.50	1.75
Plum Shaped Red.....	.05	.50	1.75
Pritchard or Scarlet Topper.....	.05	.60	2.00
Radibaugh, Select.....	.05	.40	1.25
Red Rock, Landreth's.....	.05	.40	1.25
Sunrise, Landreth's.....	.05	.50	1.75
Acme.....	.05	.40	1.25
Beauty.....	.05	.40	1.25
Cooper's Special Globe.....	.05	.45	1.50
Crown Picked Globe.....	.05	.45	1.50

TOMATO—Continued

Detroit, Early—110 Days

A large early, productive, solid variety, flesh purple. Similar to a large Beauty. Fruit smooth, always globular-shaped, of good quality.

Dwarf Champion—110 Days

Second early, stems short, thick, stiff, almost self-supporting. Grows like a tree, therefore sometimes called Tree Tomato, a habit which enables the plants to be set much closer together than the ordinary Tomato. Potato leaves, very dark in color, much curled and twisted. Fruit medium size, nearly round, solid, purplish red in color.

GLOBE—100 Days

Grown very largely in the southern part of Florida, Texas and Louisiana for shipment to the northern markets. Color a pinkish red; plum to globe-shaped, very productive. A constant bearer. This Tomato originated in our Bloomsdale Green House in 1890 through hybridization, but the time for its popularity had not arrived, therefore we discarded it, and in later years began growing it again.

Gulf State Market—100 Days

A productive sort and an excellent shipper by reason of its tough skin. Color purple and pink. Form globular, free from cracks. Vine very hardy. One of the best.

June Pink—90 Days

The earliest pink variety on the market. In reality, it is simply a pink form of Earliana and has all the characteristics of Earliana. Fruit solid and borne in profusion.

Oxheart—118 Days

Is a giant in form. The shyest producer of seed known, therefore the most solid flesh. Good mild flavor, smooth, tender, excellent table qualities. There are three colors of this variety, red, yellow and purple. The strain we are offering is purple.

Ponderosa—115 Days

This variety is similar to Brimmer; in fact, it is so very much like it that it is impossible to distinguish them. It is commonly known as Beefsteak in some sections of the United States. The foliage is large and broad. It is monstrous in size. The fruit is purplish-pink, very solid, irregular, crinkled and

ovoid, flattened at both ends, meaty and contains very few seeds. It is one of the very largest Tomatoes grown and considered very desirable for slicing.

Walter Richards' Extra Early Improved Globe—100 Days

Tall, dark green vine, very healthy and vigorous, with many thick stems and more fruit bearing branches and more wilt-resistant than any other globe Tomato. An oval purple globe with heavy, very smooth skin, but little cavity at the stem end and none at the blossom end. It is much like an orange in shape, with no green core and absolutely free from cracks. The fruit is borne in clusters, tightly attached to the stem. It averages about 3½ inches in size across the crown, and a vine often has 60 to 100 fruits and an acre sometimes produces 15 tons. It is a fine shipper.

YELLOW VARIETIES

Golden Queen or Trophy—100 Days

This is a bright, smooth, well-shaped medium-fruited yellow variety. Very productive, possessing superior flavor to any of the Red sorts. The fruit often shows a slight blush of red when fully ripened, which makes it very attractive in appearance.

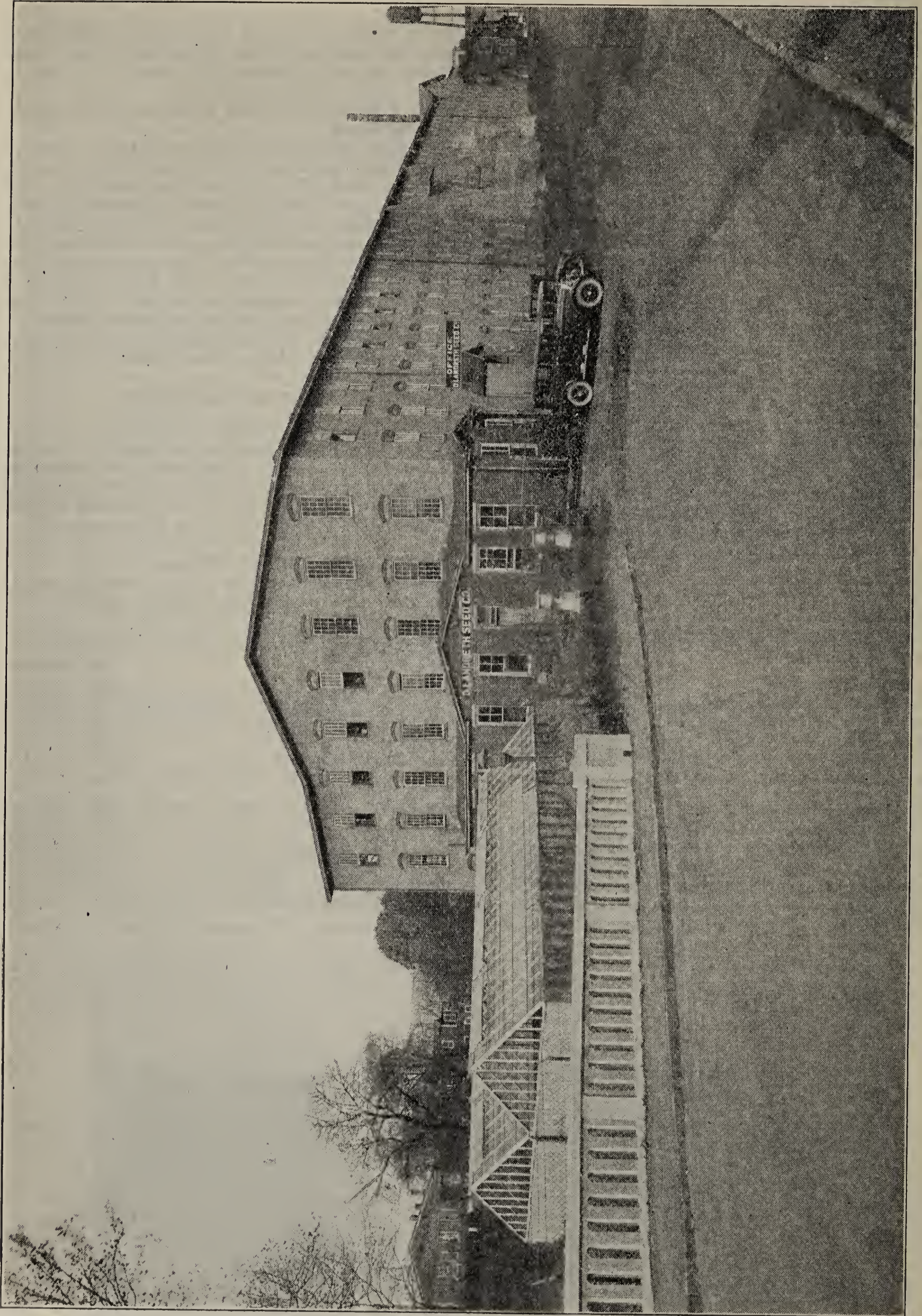
Plum-Shaped Yellow—100 Days

Same as plum-shaped red in every particular except in color. Used in pickling in whole form.

	Pkt.	Oz.	¼ lb.
Detroit, Early.....	.05	.40	1.25
Dwarf Champion.....	.05	.45	1.50
Globe.....	.05	.40	1.25
Gulf State Market.....	.05	.40	1.25
June Pink.....	.05	.45	1.50
Oxheart.....	.05	.95	3.00
Ponderosa.....	.05	.60	2.00
Walter Richards'.....	.05	1.15	3.75
Golden Queen.....	.05	.55	1.75
Plum-Shaped Yellow.....	.05	.55	1.75



Tomatoes ready for Seeding at Bloomsdale Farm



Landreth's Seed Warehouse and Office, Bristol, Pa.

Four Ounces of Seed Will Sow 100 Yards of Row. Three Pounds Will Sow an Acre

TURNIP

Matures for Table in 60 to 90 Days, According to Variety and Season

Native probably of Great Britain and Northern Europe

Turnip seed may be sown when the Peach is in blossom, or among the first seeds in early Spring; indeed, the only hope of a successful Spring crop is in an early start, as otherwise the period of maturity extends into hot weather, when the bulb becomes fibrous and pungent. Midsummer and early Autumn are the seasons for the most successful Turnip drilling

WHITE FLESHED SORTS

Cow Horn Long White Green Crowned—80 Days

This variety is a pure White, except a dash of green in the crown. It is a large cropper. Roots sometimes 12 inches long. In shape it is very much like a long carrot, only it is blunt at the point and very often has a slight crook.

Cow Horn Red Crowned—80 Days

This is identical to the Green Crowned except that the crown is red.

Early Flat Red or Purple Top Strap Leaf—50 Days

This is a very early flat Turnip with a red or purple crown. Used for cattle feeding and extensively for the table. Roots flat, about 2 inches in diameter, flesh white. One of the most used Turnips today. Not equal to the Red Top Globe.

Early Flat White Dutch—50 Days

This Turnip is very early and resembles the Early Flat Red or Purple Top in most respects except that the roots or bulbs are all white.

Early Snowball—60 Days

The earliest and most perfectly formed round white Turnip for garden use. A small white globe, very quick in its growth and highly recommended as a Turnip of fine texture.

Extra Early Red Top Milan—40 Days

This and the White Milan are the earliest Turnips in cultivation.

Extra Early White Milan—40 Days

This is identical with the Red Top Milan, except in the color of the top. It is used quite extensively for forcing.

Jersey Lily—65 Days

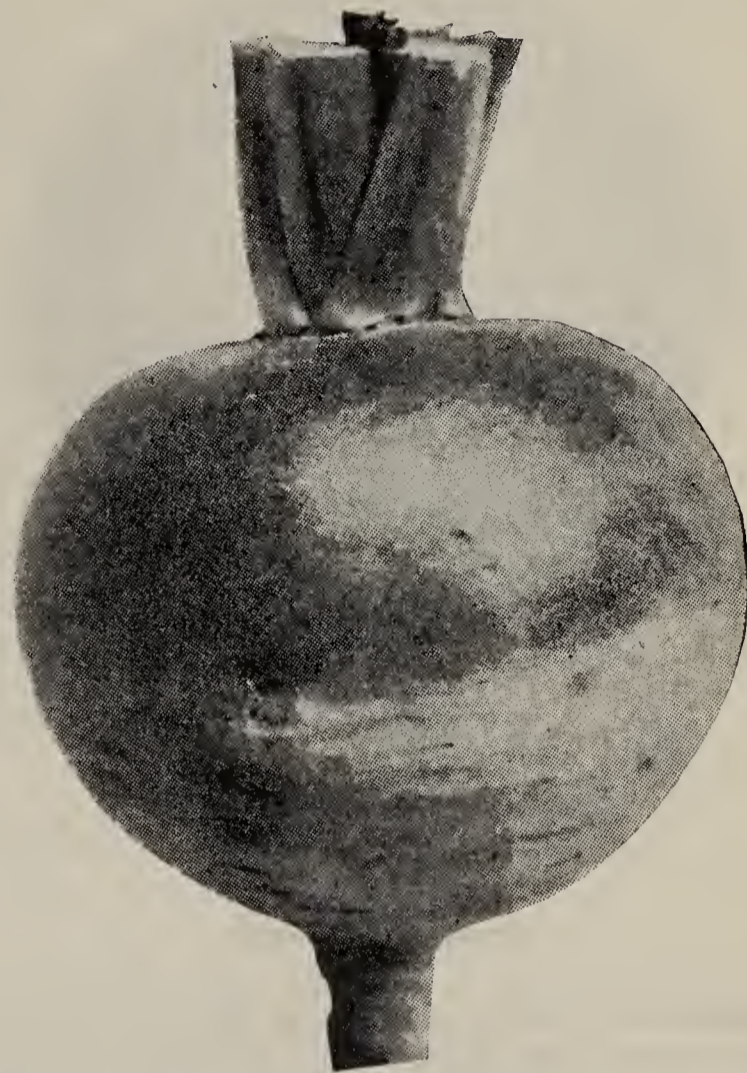
Very similar to White Egg, but longer, and not so early; flesh of excellent quality.

LANDRETHS' SOUTHERN SNOW WHITE GLOBE—80 Days

Color pure white, shape round, size large, solid, quick in its growth for a large Turnip. Produces a great tonnage to the acre. We recommend this to stock breeders for early feeding, also for sowing at seasons too late to plant Rutabagas.

Large Early Red or Purple Top White Globe—60 Days

This is a large sized, rapid grower, attractive in appearance and admired by all. As its name indicates, it is globular, roots are large, purple or red crown, white underneath. The flesh is white and of fine texture. The roots when about 2 $\frac{3}{4}$ to 3 inches in diameter, are the best size for edible condition. This is the most popular and most largely used of all the White Fleshed varieties.



Large Early Red or Purple Top White Globe

Shogoin or Japanese Foliage—60 Days

This is a decided acquisition to both the Turnip and the Greens classes. It produces an abundance of tender delicately flavored leaves, and later a full crop of very tender Turnips, closely resembling Early White Flat Dutch. It is a very rapid grower. The leaves as greens, being ready fully as early as any of the Turnips for greens. After the leaves are cut the roots form rapidly, reaching maturity fully as early as Flat Dutch and Purple Top Strap Leaf.

	Pkt.	Oz.	¼ lb.	Lb.
Cow Horn Green	.05	.10	.35	.60
Cow Horn Red	.05	.10	.35	.60
Early Flat Red	.05	.10	.35	.60
Early Flat White	.05	.10	.35	.60
Early Snowball	.05	.10	.35	.60
Ex. Early Milan Red Top	.05	.10	.45	.75
Ex. Early Milan White Top	.05	.10	.45	.75
Jersey Lily	.05	.10	.35	.60
Landreth Snow White Globe	.05	.10	.35	.60
Large Early Red or Purple Top White Globe	.05	.10	.35	.60
Showgoin or Japanese	.05	.10	.35	.60

TURNIP—Continued



Bloomsdale Swede

Pomeranian White Globe—70 Days
 Shape round, size large, solid, pure white, smooth, quick in growth for a large turnip, producing a large weight. Very productive; often 30 to 40 tons to the acre; used extensively for stock feeding, as well as for the table; popular in the South.

White Egg—60 Days
 A sort forming oval roots the shape of an egg, in an incredibly short period after sowing. Roots are medium size, flesh very white, firm and sweet. Usually about 2 inches in diameter and 3 inches long when fit to eat.

YELLOW FLESHED VARIETIES

Aberdeen or Yellow Scotch—70 Days
 This Turnip is highly recommended for cattle. Roots yellow with green top, flesh yellow. It is a ranker grower and coarser and later than the Amber Globe which we offer, but we recommend it most highly for dairy purposes.

AMBER GLOBE GREEN CROWNED—70 Days
 This we introduced in 1863 and it is almost indispensable in every household. It is a vigorous, free grower, valuable for both table and cattle feeding, productive and an excellent keeper. We can say without hesitancy it is the best yellow fleshed Turnip on the market today. Roots are large with green tops and globular shaped. The skin is yellow, except at the top, which is green. The flesh is light yellow, of fine texture and very sweet and when cooked, more closely resembles Rutabaga than any other Turnip on the market.

Amber Globe Red Crowned—70 Days
 A Bloomsdale selection from the older Green Crowned Amber Globe. The same in every respect as the Green except it has an outside red crown and for this reason it is preferred by some market gardeners, as they like its appearance in the basket.

Golden Ball or Orange Jelly—60 Days
 Cut leaved, small tops, an excellent fine-textured, smooth-skinned, early orange and yellow fleshed variety.

RUTABAGA

BLOOMSDALE SWEDE—90 Days—See photo.
 The Bloomsdale Swede is the parent of all neckless Rutabaga, called by some Improved Long Island Swede, quite wonderful in its fine breeding. It is a yellow globular or ovoid shaped, Rutabaga, large size, the finest texture and flavor, a rich, creamy yellow, with a purple top, and absolutely free of neck—a good keeper. Undoubtedly the best of the Rutabagas.

Budlong Breadstone or Sweet German—90 Days
 A white fleshed Rutabaga, is stump rooted, fibrous outside; very hardy; a long keeper.

LANDRETHS' IMPROVED PURPLE TOP YELLOW FLESHED—90 Days
 A hardy, oval-rooted sort, a heavy cropper. Flesh yellow, with a purple crown.

Market Garden or Long Island Swede—90 Days
 Similar to Bloomsdale Swede, but not as large in form. Grown very largely by market gardeners for table use; also for cattle.

WINTER TURNIPS FOR GREENS

Dixie Land—50 Days
 A form of Turnip for winter greens. Produces large foliage of light blue-green color. An exceedingly good variety. The roots, however, are not good for eating, only the tops being used.

Seven Top or Southern Prize—50 Days
 This Turnip is used entirely for greens and salad. It may be left standing in the open ground during Winter as far north as Philadelphia. In the Spring in the Southern States it yields an abundant foliage for boiling with cured meat and is in much demand. It is principally cultivated in the Southern States and is a great favorite as greens for stock. It is very hardy.

	Pkt.	Oz.	¼ lb.	Lb.
Pomeranian.....	.05	.10	.35	.60
White Egg.....	.05	.10	.35	.60
Aberdeen.....	.05	.10	.35	.60
Amber Globe Green.....	.05	.10	.35	.60
Amber Globe Red.....	.05	.10	.35	.60
Golden Ball or Orange Jelly	.05	.10	.35	.60
Bloomsdale Swede.....	.05	.10	.40	.65
Budlong Breadstone.....	.05	.10	.35	.60
Landreths' Imp. Purple Top	.05	.10	.35	.60
Market Garden.....	.05	.10	.35	.60
Dixie Land.....	.05	.10	.30	.45
Seven Top or Southern Prize	.05	.10	.30	.45

VEGETABLES FOR THE FAMILY GARDEN WHICH WE ESPECIALLY RECOMMEND

Asparagus	Mary Washington	Mustard	Ostrich Plume
Broccoli	Green Calabrese	Okra	Landreths' Dwarf Stalked Long Green Pod
Beans	Bountiful—flat green pod	Cantaloupe	Hearts of Gold—select strain
“	Landreths' Stringless—round green pod	“	Small Jenny Lind
“	Sure Crop—flat wax	“	Rocky Ford
“	Brittle Wax	Watermelon	Wonder or Improved Kleckley Sweet
“	Landreths' Large Green Seeded Pole Lima	“	Round Light Icing
“	Fordhook Bush Lima	Onion	Prize Taker
Beet	Landreths' Best	Parsley	Champion Moss Curled
“	Swiss Chard Lucullus	Peas	Ameer or Bountiful—Early
Cabbage	All Head Early	“	Worlds Record—Early
“	Drumhead Savoy	“	Laxtonian—Medium
“	Golden Acre	“	Laxtons Progress—Medium
Carrot	Chantenay	Pepper	Prince Edward—Late
Cauliflower	Early Snowball	“	California Wonder
Celery	Golden Plume	Pumpkin	Ruby King Blacks Strain
“	Emperor—green stalk	Radish	Landreths' Yellow Cashaw
Corn	Landreths' Earliest Table—not a sugar	“	Early Scarlet Globe
“	Landreths' Money Maker—late	Spinach	Iceicle
“	Landreths' Golden Sunrise—medium	“	Bloomsdale Reselected—for Fall
“	Landreths' White Sunrise—medium	“	Bloomsdale Long Standing—for Spring
“	Stowell's Evergreen—late	“	Nobel
“	Bantam Evergreen—late	Squash	New Zealand
Cucumber	Landreths' Extraordinary	Tomato	Golden Summer Crookneck
Kale	Bloomsdale	“	The Bloomsdale
Endive	Broad Leaved	“	Landreths' Red Rock Certified
Lettuce	White Big Boston	“	Certified Marglobe
“	Black Seeded Simpson	Turnip	Landreths' Crown Picked
“	Grand Rapids		Purple Top White Globe

FOR THOSE WISHING TO PLAN GARDENS IN SEPARATE COLORS, THE FOLLOWING SUGGESTIONS ARE OFFERED:—

White Flowers	Pink, Rose and Red Flowers	Blue, Lilac, Lavender and Purple Flowers	Yellow and Orange Flowers
Achillea	Antirrhinum	Ageratum	Alyssum
Ageratum	Aquilegia	Alyssum	Antirrhinum
Alyssum	Aster	Anchusa	Bartonia
Antirrhinum	Candytuft	Aquilegia	Calendula
Arabis	Cardinal Climber	Aster	Celosia
Arctotis	Centaurea cyanus	Brachycome	Coreopsis
Aster	Celosia	Candytuft	Calliopsis
Candytuft	Calliopsis	Centaurea cyanus	Cosmos
Centaurea cyanus	Cosmos	Delphinium	Dianthus
Cosmos	Daisy Double	Didiscus	Eschscholtzia
Daisy Double	Dianthus	Digitalis	Evening Primrose
Dianthus	Digitalis	Iberis gibraltarica	Gaillardia
Digitalis	Eschscholtzia	Heliotrope	Marigold
Gypsophila	Hollyhock	Larkspur	Nasturtium
Hollyhock	Lupinus	Linum	Pansy
Iberis sempervirens	Nasturtium	Lupinus	Phlox
Larkspur	Phlox	Morning Glory	Stocks
Lupinus	Petunia	Myosotis	Sunflower
Matricaria	Poppy	Nigella	Sweet Peas
Pansy	Salvia	Pansy	Tithonia
Petunia	Scabiosa	Petunia	Venidium
Phlox	Scarlet Runner Bean	Phlox	Wallflower
Scabiosa	Stocks	Salvia	Zinnia
Shasta Daisy	Sweet William	Scabiosa	
Sweet Peas	Sweet Peas	Stocks	
Sweet William	Verbena	Sweet Peas	
Stocks	Zinnia	Verbena	
Verbena		Zinnia	
Zinnia			

LANDRETHS' FLOWER SEEDS

SPECIAL NOTICE—The D. Landreth Seed Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds (Bulbs or Plants) it sells and will not be responsible for the crop. All sales subject to loss or damage by fire or other contingencies beyond our control We can supply many seeds not listed. If we have failed to catalog what you want, write for information.

In presenting our 1934 list of Flower Seeds, we offer what we consider the very best and most popular varieties, including a number of novelties.

Our seeds are grown by the most painstaking methods, and no trouble or expense is too great for us to take, to insure our customers the finest of domestic and foreign grown seeds.

We are devoting particular attention to the Flower Seed Department, and are constantly striving to give prompt, helpful, and intelligent service.

We wish to particularly call attention to our strains of Phlox Drummondii and Zinnia, which we feel are unsurpassed by those of any seedsman. The Zinnia was first introduced to this country by Landreth, who, more than 100 years ago, found it growing in a wild-state in Mexico, and listed it in an early catalog. The present large-flowering Zinnia is the descendant, in modern dress, of its humble great, great grandfather, which was of the single small type, now so rarely seen.

Our Flower Seeds are continually tested for germination, in soil in our greenhouses (which is the only sure way) and are planted outdoors in our Experimental Gardens each year to "check" on trueness to type, habit of growth, purity of strain, etc. We are constantly testing new varieties, and whenever we find anything which to us seems of particular merit, are anxious to tell our friends about it.

Space limitations prevent the listing of all varieties which we are able to supply, only the better-known sorts being included here. If you can't find what you need, write us, and the chances are that we can supply it from stock, or at all events obtain it very promptly from the growers of the particular strain desired.

Varieties marked with ★ supplied in plain packets only

Symbols denote: □ Annual ○ Perennial × Biennial

ACHILLEA (Sneezewort, Yarrow) ○

(Normal germination, 10-15 days)

★**The Pearl**—Splendid perennial for cutting. Bears clusters of double satin-white flowers during a long season. Does best in a sunny situation. 2 feet. A native of Great Britain.
 $\frac{1}{8}$ oz., 50c.; pkt., 15

AGERATUM □

(Normal germination, 5-10 days)

Of easy growth, flowers abundantly out-of-doors in summer and until frost; very desirable for table

decoration. In bloom for 90 days. Hardy annual from Mexico.

Imperial Semi-Dwarf White—Delicate color.
 $\frac{1}{8}$ oz., 20c.; pkt., 10

Imperial Semi-Dwarf Blue—Most attractive.
 $\frac{1}{8}$ oz., 20c.; pkt., 10

Imperial Semi-Dwarf Mixed. $\frac{1}{8}$ oz., 20c.; pkt., 10

★**Blue Ball**—Dwarf, ball-shaped plants. Large flowered and very compact. Best for edging.
 $\frac{1}{8}$ oz., 30c.; pkt., 10

★**Blue Perfection**—Compact, very large flowered variety. The darkest sort grown from seed.
 $\frac{1}{8}$ oz., 25c.; pkt., 10



Ageratum "Blue Ball"

ALKANET—See Anchusa

ALYSSUM □ ○

(Normal germination, 5-8 days)

Makes a very pretty border; fine for carpet bedding, baskets, pot plants. Cut back when through flowering and will bloom again. Blooms June to November. Native to Western Asia.

Sweet (Maritimum) □—White. 8 to 12 inches. Trailing habit, very sweetly scented, a hardy annual. $\frac{1}{2}$ oz., 15c.; pkt., 10

Carpet of Snow □—Very suitable for border and pot work. 4 inches. 1 oz., 75c.; $\frac{1}{2}$ oz., 45c.; $\frac{1}{4}$ oz., 25c.; pkt., 10

Benthami Procumbens □—Very dwarf creeping habit—best for edging. $\frac{1}{4}$ oz., 30c.; pkt., 10

★**Lilac Queen Improved** □—Distinct variety with lilac flowers—9 inches. $\frac{1}{2}$ oz., 45c.; pkt., 10

Saxatile Compactum ○—Perennial, known also as "Basket of Gold"—In late spring, is covered with golden flowers.—Excellent for rockeries. $\frac{1}{2}$ oz., 45c.; pkt., 10

ANCHUSA ○ □

(Normal germination, 30 days)

Italica, Dropmore Variety ○—A most satisfactory perennial with rough green leaves, bearing large numbers of deep blue flowers on branching stems. Should be in every garden. Believed to be of Italian origin. $\frac{1}{4}$ oz., 25c.; pkt., 10

Capensis □—(Summer Forget-Me-Not) Gentian-blue flowers from July to October—2 feet. $\frac{1}{4}$ oz., 25c.; pkt., 10

ANNUAL SURPRISE GARDEN MIXTURE □

(Normal germination, 8-12 days)

A choice blending of many annual flowers, giving a succession of bloom over a long period. Excellent for children's gardens. lb., \$2.00; $\frac{1}{2}$ lb., \$1.25; pkt., 10

ANTIRRHINUM (Snapdragon) □

(Normal germination, 8-12 days)

An exquisite tender perennial, living for a second and third year, but best treated as an annual, blooming in July if sown early and then on until killed by frost. By cutting off most of the flowering stems and giving a slight protection over winter, plants will bloom second summer for four months. As a cut flower, Snapdragon retains its fresh appearance for 4 or 5 days, and in this particular is very valuable for table decoration. A development of a genus known as Scrophularia, which is native in both Eastern and Western Hemispheres.

Majus Golden King—2 ft. $\frac{1}{4}$ oz., 50c.; pkt., 10

Majus Scarlet Cardinal, 2 ft. $\frac{1}{4}$ oz., 50c.; pkt., 10

Majus Queen Victoria—White, 2 ft. $\frac{1}{4}$ oz., 50c.; pkt., 10

Majus Rose Queen, 2 ft. $\frac{1}{4}$ oz., 50c.; pkt., 10

Majus Mixed, height, 2 ft. Red, Rose, Yellow, Scarlet, etc. $\frac{1}{4}$ oz., 40c.; pkt., 10

(For Forcing or Outdoor Use—3 feet)

★**Tall Maximum Copper King**

$\frac{1}{4}$ oz., \$1.00; pkt., 15

★**Tall Maximum The Rose** $\frac{1}{4}$ oz., \$1.00; pkt., 15



Antirrhinum—Tall Maximum

ANTIRRHINUM—Continued

★**Tall Maximum Canary Bird**

$\frac{1}{4}$ oz., \$1.00; pkt., 15

★**Tall Maximum Snowflake** $\frac{1}{4}$ oz., \$1.00; pkt., 15

Semi-Dwarf, Large Flowered, Mixed. Rose, Yellow, White, etc. 18 in. $\frac{1}{4}$ oz., 50c.; pkt., 10

AQUILEGIA (Columbine) ○

(Normal germination, 12-60 days)

Among the most beautiful and curiously formed of hardy perennial old fashioned flowers. Blooms in the early spring and summer for 60 days. Foliage very attractive. Will thrive almost anywhere, but prefers partial shade and moisture. Splendid for cutting. 2 $\frac{1}{2}$ -3 feet. Native both to Europe and America.

Vulgaris, Single Mixed $\frac{1}{2}$ oz., 45c.; pkt., 10

Vulgaris, Double Mixed $\frac{1}{2}$ oz., 45c.; pkt., 10

Mrs. Scott-Elliott's Hybrids, Mixed—The best of the Columbines, having extremely long spurs, and embracing blues, lavenders, purples, mauves, reds, pinks, yellows, whites and creams. Two or more colors in the same flower-head. $\frac{1}{16}$ oz., 60c.; pkt., 25

★**Long Spurred Pink Shades**

$\frac{1}{16}$ oz., 60c.; pkt., 25

★**Long Spurred Blue Shades**

$\frac{1}{16}$ oz., 60c.; pkt., 25

ARABIS ○

(Normal germination, 10-20 days)

Alpina—(Rock Cress) 6 inches. Charming white Spring-flowering perennial, doing well in any soil, and needing only plenty of sun. Native of the Alps. $\frac{1}{4}$ oz., 25c; pkt., 10

ARCTOTIS □

(Normal germination, 15-20 days)

Grandis—(Blue-Eyed African Daisy)—Long stems and good keeping qualities, make this an excellent cut flower. Petals white with steel-blue centre. 2 feet. Better start indoors. $\frac{1}{4}$ oz., 15c.; pkt., 10

ASTERS (Callistephus) □

(Normal germination, 5-10 days)

Chrysanthemum-like flowers, not surpassed in beauty by any plant. They thrive best in rich soil, and with sufficient moisture, will give satisfaction in almost any garden, and blossom in profusion for about 6 weeks or until killed by frost. A supply of Asters may be had from July until frost, by planting an early variety like Queen of the Market, followed by a later sort such as American Branching. To insure early blooming, seeds may be sown under glass in April and then transplanted to outside beds after all danger from frost is over. We owe our garden Asters to China and Japan.

Landreth's American Branching (Also known as Vick's Branching.)—We cannot recommend the American Branching type too highly. They closely resemble small Chrysanthemums. Very free blooming, producing flowers of the broad-petaled type, slightly incurved and very lasting. Handsome double flowers borne on long stems, a free brancher and unsurpassed in merit. 24 inches tall.

- Crimson—Fringed with Carmine.....
 - Lavender—Very large, showy.....
 - Pink—Delicate rose, attractive.....
 - Purple—Blue purple.....
 - White.....
 - Deep Rose.....
 - Light Blue.....
 - Fine Mixed..... $\frac{1}{4}$ oz., 50c.; pkt., 10
- $\frac{1}{8}$ oz., 25c.
pkt., 10

Crego's Giant Branching Comet.—This class, also known as "Ostrich Plume," is without doubt the most popular variety grown. The flowers have long shaggy petals, suggesting a mop, and often are curled and interlaced. Blooms mid-summer. 2 feet.

- Light Blue.....
 - Crimson.....
 - Lavender.....
 - Shell Pink.....
 - Purple.....
 - Deep Rose.....
 - White.....
 - Finest Mixed.....
- $\frac{1}{8}$ oz., 35c.
pkt., 10

Early Queen of the Market.—The best early among the Asters. Very desirable. Habit spreading. Plants 18 inches high and very productive. Ten days earlier than any other.

- Crimson.....
 - White.....
 - Lavender.....
 - Dark Blue or Purple.....
 - Light Rose.....
 - Fine Mixed.—All colors.....
- $\frac{1}{8}$ oz., 30c.
pkt., 10

(New) **Super-Giant "Los Angeles."** — "All-American" for 1934 and Award of Merit. See Novelty Page for description..... pkt., 25

King or Needle Mixed.—Differs from all others, by producing large rounded heads of quilled petals. Long stems make this variety good for cutting. 2 feet..... $\frac{1}{8}$ oz., 35c.; pkt., 10

(New) **Giant California Sunshine Mixed.**—Single row of outer petals, 4-5 inches across, with tufted center of short florets of light yellow. Distinct and most attractive. 2½ feet. $\frac{1}{8}$ oz., 60c.; pkt., 15

Fusarium Wilt-Resistant Strains.—We are glad to offer originator's stock of the following strains of Asters, which we believe to be resistant to this disease.

- ★ **American Branching Finest Mixed.** $\frac{1}{8}$ oz., 50c.; pkt., 20
- ★ **Early Queen of Market Finest Mixed.** $\frac{1}{8}$ oz., 40c.; pkt., 20
- ★ **Crego's Gt. Branching Comet Mixed.** $\frac{1}{8}$ oz., 50c.; pkt., 20

(See also Novelty Page)



Crego's Giant Branching Comet Aster



Bartonia Aurea

BABY'S BREATH—See Gypsophila.

BACHELOR'S BUTTON—See Centaurea.

BALLOON VINE (Cardiospermum) □

(Normal germination, 15 days)

The **Balloon Vine**, popular as a rapid climbing annual, 10-12 feet, producing inflated seed pods one inch diameter, resembling miniature balloons; delicate foliage. Valuable for screens. Sometimes called "Love In a Puff." Tender annual. Native of Bermuda, Florida, Texas, and many other places throughout the world.

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

BALSAM (Ladyslipper) □

(Normal germination, 8-10 days)

Beautiful annuals with flowers as double as Roses, measuring two inches in diameter. Rich soil and deep culture in a sunny position are requisite to produce large and showy flowers. Seeds may be sown where they are to stand, and later thin out the plants; but if started indoors they will flower earlier. Set plants about 2 feet apart, where they can have plenty of sun. Our stock is exceptionally fine. In bloom 60 days. If foliage obscures flowers, it can be cut away without injuring plants. Native to India, Malay Peninsula and China.

Camellia Double Flowered.—Mixed.
 1/4 oz., 30c.; pkt., 10

Rose Double Flowered.—Mixed colors. 2 feet high, 18 in. diameter 1/4 oz., 30c.; pkt., 10

BARTONIA (Blazing Star) □

(Normal germination, 15 days)

Aurea—Even in poor soil this flower will produce vivid yellow patches in the garden. Can be used effectively with blue Ageratum in the border. Cannot be transplanted. Sow where wanted to bloom. 1 foot. Is a California wild-flower.

1/4 oz., 20c.; pkt., 10

BEARDTONGUE—See Penstemon.

BLANKET FLOWER—See Gaillardia.

BLACK EYED SUSAN—See Thunbergia.

BLUE LACE FLOWER—See Didiscus.

BRACHYCOME □

(Normal germination, 10 days)

Iberidifolia Mixed—Swan River Daisy. 10 inches. Blue, white, rose, violet flowers resembling small cinerarias. Use for edgings. Indigenous to Australia. 1/4 oz., 40c.; pkt., 10

★**Blue** 1/4 oz., 40c.; pkt., 10

BROWALLIA □

(Normal germination, 5-10 days)

Elata Mixed—A fine bedding plant of free growth, blooming during summer and autumn, and producing star-shaped flowers of blue and white. 1 foot. Makes a good house-plant. Native of Tropical America. 1/4 oz., 30c.; pkt., 10

BUGLOSS—See Anchusa.

CALENDULA or POT MARIGOLD □

(Normal germination, 5-10 days)

Bushy plants with dense green foliage, surmounted with disc-like double flowers. If cut regularly, will bloom all Summer, and well into the Fall. Thrives even in poor soil, provided seed-pods are removed after blooming. 12-18 inches. Is native from Canary Islands to Persia.

Mixed Double—Yellow and orange shades.
 1/2 oz., 30c.; pkt., 10

Orange King—The best bright orange.
 1/2 oz., 35c.; pkt., 10

Lemon Queen—Good clear lemon.
 1/2 oz., 35c.; pkt., 10

(**New**) **Chrysantha (Sunshine)**—"All-American" medal winner for 1934. See Novelty Page for description. pkt., 20

★**Ball's Apricot**—Lovely color.
 1/2 oz., 75c.; pkt., 15

★**Meteor**—Most attractive creamy white, striped with orange. 1/2 oz., 30c.; pkt., 10

(See also Novelty Page)

CALIFORNIA POPPY—See Eschscholtzia.

CAMPANULA or CANTERBURY BELLS X

(Normal germination, 10-15 days)

The **Canterbury Bells** are a large genus of showy plants, blooming in profusion. The Campanula claims a situation in most gardens. Easy of culture and certain to flower; succeeds well in good soil. Blooms second year. 2-3 feet. Native throughout the Northern Hemisphere.

Calycanthema (Cup-and-Saucer) Mixed—Large cup-shaped bells, surrounded by a calyz resembling a saucer, and giving effect of being double. $\frac{1}{8}$ oz., **30c.**; pkt., **10**

Medium Single Mixed—Large hanging bell-like flowers, in shades of blue, pink and white. $\frac{1}{4}$ oz., **25c.**; pkt., **10**

CANDYTUFT (Iberis) □

(Normal germination, 5-10 days)

These well-known favorites are among the most beautiful of our annual flowers. The seeds can be sown at all seasons or in Fall for early flowering. They like rich soil and plenty of room to flower freely. Very pretty in masses. Bloom 60 days. 1 foot. Originally a native of the Mediterranean region.

Coronaria Hyacinth Flowered—A superb variety; large, pure white flowers on good stems.

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

Umbellata Crimson. $\frac{1}{4}$ oz., **25c.**; pkt., **10**

“ **Pink**. $\frac{1}{4}$ oz., **25c.**; pkt., **10**

“ **White**. $\frac{1}{4}$ oz., **25c.**; pkt., **10**

“ **Lilac**. $\frac{1}{4}$ oz., **25c.**; pkt., **10**

“ **Mixed**. $\frac{1}{4}$ oz., **20c.**; pkt., **10**

PERENNIAL CANDYTUFT ○

(Normal germination, 5-10 days)

★**Iberis Gibraltarica**—Of spreading habit and covered with flat clusters of lilac flowers, shading to white at center. Tops die in winter, but new growth appears early the following season. Excellent for rock gardens or edgings. 8 inches. Blooms second year. $\frac{1}{8}$ oz., **30c.**; pkt., **10**

★**Iberis Sempervirens**—Perennial white for rock and open gardens. 8 inches. Blooms second year. $\frac{1}{8}$ oz., **40c.**; pkt., **15**

CANNAS (Seeds only) ○

(Normal germination, 5-10 days)

Half-hardy perennial plants with broad foliage, of tropical appearance; produce a striking effect grouped in beds or singly on the lawn. 3 feet. Soak the seed in warm water about 12 hours, first filing a small hole through the outer shell, sow in hot-bed, transplant when ground is warm; give plenty of moisture and rich soil. Take up the roots before frost and keep in a moderately warm cellar. These plants are native in tropical and sub-tropical countries.

★**Crozy's Early Newest Large Flowering**—Mixed colors. 4 to 5 feet tall.

Oz., **70c.**; $\frac{1}{2}$ oz., **40c.**; pkt., **10**



Candytuft—Coronaria Hyacinth Flowered

CARDINAL CLIMBER □

(Normal germination, 10-20 days)

Excellent climber growing 25 feet under favorable conditions. Cardinal red flowers, 1 inch in diameter, cover the vine from July until frost. Sun and a rich soil necessary. $\frac{1}{8}$ oz., **25c.**; pkt., **10**

CARDIOSPERMUM—See Balloon Vine.

CARNATIONS—See Dianthus.

CASTOR BEAN or RICINUS □

(Normal germination, 10-12 days)

The **Castor Bean**, in all its varieties, has a showy tropical appearance, singly or in groups. Valuable for screens, a tender annual. Combines well with Cannas or Dahlias. Ricinus is a native of the Tropics.

Sanguineus—Red stalks and green foliage, with bronze tinge, seed-pods scarlet. 10 feet.

Oz., **20c.**; pkt., **10**

Zanzibariensis—Largest-leaved variety, an elegant centre plant. Leaves often 2 feet across. 12 feet high. Oz., **20c.**; pkt., **10**

Mixed, All Varieties. Oz., **20c.**; pkt., **10**

CELOSIA or COCKSCOMB □

(Normal germination, 8-10 days)

The **Cockscombs** are tender annuals, requiring good soil. The plant will produce a larger bloom by cutting off side flowers and leaving one head only to a plant. If cut before maturing, the heads may be preserved during winter. A native of many warm regions.

★**Golden Queen**—Plume type. $\frac{1}{8}$ oz., **25c.**; pkt., **10**

CELOSIA or COCKSCOMB—Continued

- Tall Giant Empress**—Bright crimson combs, dark foliage. 2 to 3 feet high. . . . $\frac{1}{8}$ oz., 40c.; pkt., 10
Cristata, Dwarf—Mixed. 4 or 5 colors. 1 foot high. Combs 10 inches. . . . $\frac{1}{8}$ oz., 35c.; pkt., 10
Thompson Magnifica Plumosa—Mixed. Plants 3 to 4 feet high, sending up delicate and exquisitely beautiful plumes 10 inches in length, 3 to 4 inches in diameter and far more delicate than the more formal Cockscomb. $\frac{1}{8}$ oz., 20c.; pkt., 10
Childsii Mixed (Chinese Wool Flower). $\frac{1}{8}$ oz., 25c.; pkt., 10

CENTAUREA (Corn Flower) □

BACHELOR'S BUTTON

(Normal germination, 8-10 days)

The **Centaurea** is particularly well-adapted for border work, and is also of value for cutting. Very easy to grow, and will self-sow freely. 2 feet. Our strain of Double Blue is superb. These are prevailing Old World plants.

- Cyanus, Double Crimson** . . . $\frac{1}{4}$ oz., 25c.; pkt., 10
 " **Double White** $\frac{1}{4}$ oz., 25c.; pkt., 10
 " **Double Blue** $\frac{1}{4}$ oz., 25c.; pkt., 10
 " **Double Rose** $\frac{1}{4}$ oz., 25c.; pkt., 10
 " **Double Mixed** $\frac{1}{4}$ oz., 20c.; pkt., 10

Imperialis, Mixed (Sweet Sultan)—Larger than usual Centaureas; colors, blue, white, pink and yellow. 18 to 24 inches. . . . $\frac{1}{4}$ oz., 30c.; pkt., 10

Candidissima (Dusty Miller)—Foliage finely cut and of silvery-gray color. For bedding and borders only. Pkt., 10

CHRYSANTHEMUM □ ○

(Normal germination, 8-20 days)

Carinatum, Single Mixed—Daisylike flowers, with disk of contrasting color. 20 inches. □
 $\frac{1}{4}$ oz., 25c.; pkt., 10

Leucanthemum (Shasta Daisy)—2 feet. ○
 $\frac{1}{8}$ oz., 30c.; pkt., 10

CLARKIA □

(Normal germination, 10 days)

Fine Mixed—Does well in poor soil. The flower sprays of scarlet, orange, pink, and white somewhat resemble the Flowering Almond. Sprays are long and may need staking. 2 feet. These plants are native from British Columbia to California. $\frac{1}{4}$ oz., 25c.; pkt., 10

COLUMBINE—See Aquilegia.

CONVOLVULUS—See Morning Glory.

CALLIOPSIS □

(Normal germination, 8-10 days)

A graceful plant of easy culture, with fine-cut foliage. Flowers are daisy-like in form and range in color from yellow and orange to maroon. Especially long-flowering, and well adapted for cutting. 2-3 feet. Indigenous to North America.

- Golden Wave Single** $\frac{1}{4}$ oz., 25c.; pkt., 10
Dwarf Crimson King Single $\frac{1}{4}$ oz., 25c.; pkt., 10
Tricolor or Tinctoria Single $\frac{1}{4}$ oz., 25c.; pkt., 10
Mixed Double $\frac{1}{4}$ oz., 25c.; pkt., 10

CHEIRANTHUS—See Wallflower.

COBOEA SCANDENS (Cathedral Bells) □

(Normal germination, 15-20 days)

Rapid-growing climber with attractive foliage, producing large, bell-shaped flowers, which turn a beautiful deep violet-blue. Grows 25-30 feet. Habitat Mexico. $\frac{1}{4}$ oz., 30c.; pkt., 10

CHINESE LANTERN—See Physalis.

CHINESE FORGET-ME-NOT—See Cynoglossum.

COREOPSIS ○

(Normal germination, 5-10 days)

Lanceolata Grandiflora, Yellow—2-3 feet. $\frac{1}{4}$ oz., 30c.; pkt., 10

CORN FLOWER—See Centaurea.

COSMOS □

(Normal germination, 8-10 days)

Every year this flower makes more friends. Growing 4 to 8 feet high from seed. Valuable for screens. Blooms until killed by frost. Excellent for cutting. Originally from tropical America. 4-5 feet.

- Early Mammoth Crimson** . . . $\frac{1}{4}$ oz., 25c.; pkt., 10
Early Mammoth Pink $\frac{1}{4}$ oz., 25c.; pkt., 10
Early Mammoth White $\frac{1}{4}$ oz., 25c.; pkt., 10
Early Mammoth Mixed $\frac{1}{4}$ oz., 20c.; pkt., 10
Extra Early Double Crested Mixed.

$\frac{1}{8}$ oz., 35c.; pkt., 10

Klondyke—Beautiful orange. $\frac{1}{8}$ oz., 25c.; pkt., 10



Cosmos—"Klondyke"—a beautiful orange

CYNOGLOSSUM

(Chinese Forget-Me-Not)

(Normal germination, 10-15 days)

Easily grown plants, with sprays of metallic blue flowers, over a long season. 2 feet. Valuable for cutting. Grows wild in Eastern Asia.

$\frac{1}{2}$ oz., 40c.; pkt., 10

CYPRESS VINE (Ipomoea quamoclit)

(Normal germination, 10-20 days)

Among the most beautiful of annual running and twining vines, blooming from midsummer until frost. Star-like flower. Native in tropical America, and southern United States.

Quamoclit Mixed—White and crimson. Lace-like foliage; climbing 8 feet. $\frac{1}{4}$ oz., 25c.; pkt., 10

DAHLIA (Seeds Only)

(Normal germination, 10-20 days)

A favorite for autumn flowering, blooming the first season from seed if started early. The flowers are so symmetrical and perfect and the range of colors so wide and varied that they will always be popular where display is wanted. 3-4 feet. Will produce many choice tubers, which should be dug after flowering, buried in dry sand, ashes or peat moss, and stored for the winter in a cool place. The Dahlia originally grew wild in Mexico.

Hybrid Show Double Mixed—An exceptional mixture of really fine seed, saved from prize-winning plants. $\frac{1}{8}$ oz., 75c.; pkt., 10

Finest Single Mixed—Will produce brilliant flowers running through a wide range of striking colors. Fine for cutting. $\frac{1}{4}$ oz., 25c.; pkt., 10

★**Coltness Mignon Strain Mixed**—Splendid for dwarf bedding. 2½-3 feet. $\frac{1}{8}$ oz., 60c.; pkt., 10

DAISY, DOUBLE (Bellis monstrosa)

(Normal germination, 8-10 days)

The **English Daisy** is a dainty perennial Springtime plant. Fine for edging or border. Quite hardy in most situations, easy culture, requires shade. Flowers from April to June. Start seed in hot-bed. Should be planted in beds 5 inches apart to make best effect. Grows 8 inches tall. Native habitat Great Britain.

Improved Giant Double Red $\frac{1}{8}$ oz., 60c.; pkt., 10

Improved Giant Double Pink $\frac{1}{8}$ oz., 60c.; pkt., 10

Improved Giant Double Snowball.

Improved Giant Double Choice Mixed. $\frac{1}{8}$ oz., 60c.; pkt., 10

$\frac{1}{8}$ oz., 50c.; pkt., 10

DAISY, SHASTA—See Chrysanthemum.

DIANTHUS (Pinks)

(Normal germination, 5-15 days)

These old favorites are still as popular as ever. Rich soil will make bright flowers. Most of the varieties are fragrant. In the open garden most bloom the first Autumn. Need slight protection in cold weather. Believed to be a native of the Old World.

Perpetual Flowering Carnations

Giant Marguerite, Red $\frac{1}{8}$ oz., 50c.; pkt., 10

Giant Marguerite, White . . . $\frac{1}{8}$ oz., 50c.; pkt., 10

Giant Marguerite, Mixed Extra Large—A very vigorous class, suitable for garden and splendid for cutting. Sown as annuals in February on a gentle heat and transplanted to open ground as soon as possible after frost, will produce a profusion of flowers in five months after sowing, 50 to 75% of the plants being double and sweetly scented. Although usually treated as annuals, if given protection over winter, will bloom following spring. 20 inches. $\frac{1}{8}$ oz., 35c.; pkt., 10

Border or Open-Garden Carnations

The flowers are generally borne on long stems; seed can be sown under glass or in the open ground, and will flower the next summer.

★**Red Grenadin**—Early double. 18 inches. $\frac{1}{8}$ oz., 45c.; pkt., 10

Vienna—Early double dwarf. Mixed colors. 18 inches. $\frac{1}{4}$ oz., 75c.; pkt., 10

Plumarius Semperflorens or Clove Pink—The everblooming hardy garden pink of our grandmothers' garden. Mostly pinkish with dark red eye, though a percentage of white and lavender flowers will appear. Best for borders. 12-14 inches. $\frac{1}{2}$ oz., 25c.; pkt., 10

Care of Barclay's Bank (DC & O)
Antigua,
British West Indies,
25th Aug. 1933

Messrs. Landreth,
Bristol, Pa.,
U. S. A.

Dear Sirs,

I have just grown, with more success than has ever attended my efforts at gardening, some magnificent Zinnias from your seed. The seed was purchased from a drug shop in Barbadoes, and this is to enquire if you have different qualities of Zinnia seed. Your advices will be appreciated. * * *

With my thanks in advance,

Yrs. faithfully,

A. L. P.

BRISTOL FLOWER GROWERS

Bristol, Pa.

Oct. 9th, 1933

D. Landreth Seed Co.,
Bristol, Pa.

Gentlemen,

We would like to tell you of the fine Zinnias we have grown from your seed. Those of the Giant Dahlia Type were giants indeed, and very useful in mixed bouquets. However, the Lilliputs have been even more popular. We have never grown them of such soft colors and uniform size,—they are snapped up by ladies needing table bouquets.

Gratefully yours,

Bristol Flower Growers

F. S. W.



Carnation—Chabaud's Giant

DELPHINIUM ○

(Normal germination, 20-35 days)

The **Delphiniums** are showy perennials. Very easy to cultivate and beautiful for borders. The foliage is dark green, much divided, throwing out to perfection the blossoms, which are terminal spikes of blue. Although hardy perennials, the plants will bloom the first autumn and again the following spring. All seed pods should be removed to encourage new bloom. A good, deep, rich soil will make large flowers. Seed sometimes germinates slowly and irregularly, and seed-bed should be placed where it may remain undisturbed for at least 6 months. 2-6 feet tall. Believed to have been discovered in Siberia, though is native throughout the North Temperate Zone.

Belladonna Improved (Cliveden Beauty)—
Clear Blue..... $\frac{1}{8}$ oz., 75c.; pkt., 20

Bellamosum—Dark Blue..... $\frac{1}{8}$ oz., 50c.; pkt., 20

Gold Medal Hybrids—Finest Mixed.
 $\frac{1}{8}$ oz., 40c.; pkt., 10

★(New) **Elatum "Iceberg"**—Pure white. 20-inch spikes. Comes true from seed. A great novelty. Strong, healthy growth.
 $\frac{1}{16}$ oz., \$1.50; pkt., 35

★**Wrexham Hollyhock Hybrids**—A beautiful blending of colors, from the world's most famous hybridist. Largest of all delphiniums. 5-6 feet tall, with enormous spikes... $\frac{1}{8}$ oz., \$1.50; pkt., 50

Chinensis Varieties—Reach full development first season if planted early. Flowers are not in spikes, but rather in loose sprays along the branches. 2 feet. Very graceful effect.

★**Azure Fairy**—Light Blue... $\frac{1}{8}$ oz., 30c.; pkt., 10

★**Blue Butterfly**—Dark Blue... $\frac{1}{8}$ oz., 30c.; pkt., 10

★**Alba**—White..... $\frac{1}{8}$ oz., 25c.; pkt., 10

★**Mixed**..... $\frac{1}{8}$ oz., 20c.; pkt., 10

(See also Novelty Page)

FOR ANNUAL DELPHINIUM—See Larkspur.

DIDISCUS (Blue Lace Flower) □

(Normal germination, 20-35 days)

Coeruleus—Dainty lavender-blue flowers from June to October. Excellent for bedding, and makes a splendid cut-flower. According to a Landreth Catalog of more than 75 years ago, the Didiscus is a native of Australia..... $\frac{1}{8}$ oz., 25c.; pkt., 10

DIGITALIS (Foxglove) ○

(Normal germination, 10-15 days)

Hardy perennials of easy culture, living for several years without care and having tall spikes of showy, curiously shaped flowers. Blooms second year. 3 feet. Digitalis was first brought to America from Great Britain.

Gloxiniaflora Rose..... $\frac{1}{8}$ oz., 20c.; pkt., 10

Gloxiniaflora Purple..... $\frac{1}{8}$ oz., 20c.; pkt., 10

Gloxiniaflora White..... $\frac{1}{8}$ oz., 20c.; pkt., 10

New Shirley Giant Hybrids Mixed.
 $\frac{1}{8}$ oz., 20c.; pkt., 10

ENGLISH DAISY—See *Bellis monstrosa*.

DIANTHUS (Pinks)—Continued

Carnation Chabauds ○

Splendid large double types, which more nearly resemble the florists' carnation than any other variety. Sometimes 2½ inches across. 18 inches tall.

★**Sparkler**—Cardinal Red... $\frac{1}{8}$ oz., 50c.; pkt., 15

★**Renée Rose**—Deep Rose... $\frac{1}{8}$ oz., 50c.; pkt., 15

★**Jeanne Dionis**—White..... $\frac{1}{8}$ oz., 50c.; pkt., 15

★**Marie Chabaud**—Yellow... $\frac{1}{8}$ oz., 50c.; pkt., 15

Giant Mixed..... $\frac{1}{8}$ oz., 40c.; pkt., 10

Chinese and Japanese Pinks □

The Pinks or Picotees are free-flowering biennial plants, but best treated as annuals, that bloom the first summer, and if freely cut will produce larger flowers the second year. Unrivalled for showy colors, flowers produced in abundance over four months' time.

Chinensis (China or Indian Pink)—Flowers borne in Sweet William-like clusters in various colors, showy and double. Height, 1 foot.

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

Heddewigi Double (Japan Pink)—Very showy and fragrant. Flowers 2 to 2½ inches, resembling a carnation, many beautifully striped and mottled. 10 inches..... $\frac{1}{4}$ oz., 25c.; pkt., 10

Heddewigi Single (Japan Pink).
 $\frac{1}{4}$ oz., 25c.; pkt., 10

Diadematus, Double—Mixed colors, edged and marbled, compact in habit... $\frac{1}{4}$ oz., 25c.; pkt., 10

Laciniatus, Single—Mixed. Flowers all colors exquisitely fringed. Height, 18 inches.

$\frac{1}{4}$ oz., 25c.; pkt., 10

DIANTHUS BARBATUS—See Sweet William.



Eschscholtzia (California Poppy)

ESCHSCHOLTZIA (California Poppy)

(Normal germination, 5-10 days)

One of the most beautiful of garden flowers. When grown in masses, scarcely any plant produces a greater degree of splendor. Foliage finely cut like lace, with a bluish tinge. Easily raised from seed. Sown in Autumn, the growth is of increased vigor. Diameter of plant 20 inches. Height 12 inches. Blooming 60 days. See illustration. Is a California wild-flower, from which the following developments have been made.

- Carmine King**—Carmine-rose. $\frac{1}{4}$ oz., 25c.; pkt., 10
- Golden West**—Canary-yellow flowers, with deep orange blotch at base of each petal, forming a cross in centre. Flowers measure over 3 inches in diameter and have overlapping petals, delicately waved at edges. $\frac{1}{2}$ oz., 25c.; pkt., 10
- Orange Flame**—A reddish-orange. $\frac{1}{4}$ oz., 40c.; pkt., 10
- Crimson** $\frac{1}{4}$ oz., 25c.; pkt., 10
- ★White** $\frac{1}{2}$ oz., 20c.; pkt., 10
- Mixed Colors** $\frac{1}{2}$ oz., 20c.; pkt., 10

EVENING PRIMROSE

(Normal germination, 10-15 days)

Oenothera Lamarkiana—Showy and beautiful plants for borders and beds. Large, yellow flowers, June to September. 2 feet tall. Plant in fairly dry soil with plenty of lime. A plant of wide native distribution, but mostly in the Western Hemisphere. $\frac{1}{4}$ oz., 20c.; pkt., 10

EUPHORBIA (Snow-on-the-Mountain)

(Normal germination, 10-12 days)

Variegata—A foliage plant growing well in poor and dry soil. Leaves at first are bright green, but as plants mature, become edged with silvery-white. 2 feet. Euphorbia is a North American native plant. $\frac{1}{4}$ oz., 25c.; pkt., 10

- FEVERFEW**—See Matricaria.
- FIRE BUSH**—See Kochia.
- FLAX**—See Linum.
- FORGET-ME-NOT**—See Myosotis.
- FOUR-O'CLOCK**—See Marvel of Peru.
- FOXGLOVE**—See Digitalis.

GAILLARDIA (Blanket Flower)

(Normal germination, 10-20 days)

These **Gaillardias** are half-hardy, free-flowering perennials and annuals. The flowers are a very showy combination of orange, crimson and purple, blended and streaked in various markings. They are good bedders, being strong, constant bloomers through the whole summer. 24 inches tall. Native to North America.

- Grandiflora Fine Mixed** . . . $\frac{1}{4}$ oz., 25c.; pkt., 10
- Single Picta Fine Mixed** . . . $\frac{1}{4}$ oz., 25c.; pkt., 10
- Double Picta Lorenziana Mixed** . $\frac{1}{4}$ oz., 25c.; pkt., 10

GERANIUM ZONALE

(Normal germination, 15-20 days)

An excellent grade of plants can be raised from seed which gives a wide variety of color. Should be started indoors. 2 feet. The Geranium is believed to be of South African origin.

- Single Mixed** $\frac{1}{8}$ oz., 75c.; pkt., 10

GODETIA (Satin Flower)

(Normal germination, 6-10 days)

Dwarf Azalea Flowered Double Mixed—These do best in rather poor soil, and bear double satiny flowers in many rich colors. Do well in partial shade. If cut before fully open, the flowers will last a long time in water. 12 inches. California native. $\frac{1}{4}$ oz., 35c.; pkt., 10

GOMPHRENA (Globe Amaranth)

(Normal germination, 10-15 days)

Well-known annuals of easy culture. To preserve for winter decoration, the flowers resembling clover heads should be fully matured before being gathered. 15 inches tall. Indigenous to tropical sections of the Old World.

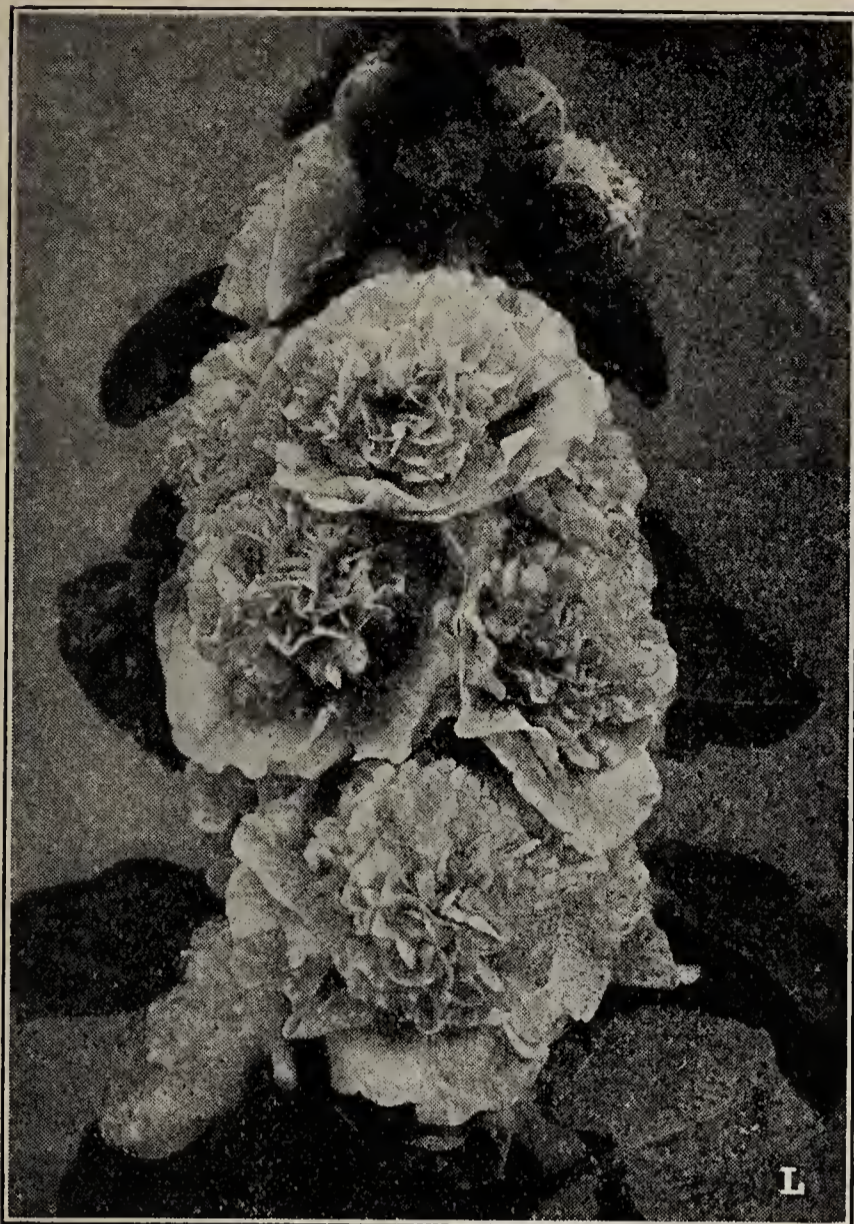
- Mixed**—Pink, white, purple. . . . $\frac{1}{4}$ oz., 25c.; pkt., 10

GOURDS (Ornamental)

(Normal germination, 12-15 days)

The **Gourds** are annuals, rapid growers, from 10 to 20 feet high, valuable for covering screens or arbors; should have moist, rich, loamy soil to attain perfection. The fruit is useful for decoration, due to its unique appearance. Native to many of the world's tropical sections.

- Small Mixed Gourds**—All sorts. Oz., 30c.; pkt., 10



Hollyhock—Chater's Double Newport Pink

GYPSOPHILA (Baby's Breath) □

(Normal germination, 15 days)

Grandiflora Alba (True Covent Garden Strain)—Graceful plants much in demand for cutting and combining with other flowers. Light, graceful foliage, with myriads of small white flowers. 2 feet. Native in Europe, Asia and Northern Africa. $\frac{1}{2}$ oz., 15c.; pkt., 10

HELICHRYSUM (Straw or Everlasting Flower) □

(Normal germination, 5-10 days)

Double Mixed Colors—Everlasting flowers, size of a 50-cent piece. Useful for making winter bouquets. 3 feet. Is indigenous to many parts of Europe. $\frac{1}{2}$ oz., 45c.; pkt., 10

HELIANTHUS—See Sunflower.

HELIOTROPE ○

(Normal germination, 30 days)

Aborescens Choice Mixed—Very fragrant, grown as a bedding and pot plant, half-hardy perennial. Best treated as an annual. 2 feet. Grows wild in Peru. $\frac{1}{2}$ oz., 45c.; pkt., 15

HESPERIS MATRONALIS—See Sweet Rocket.

HOLLYHOCK (Althaea rosea) ○

(Normal germination, 10-30 days)

One of the grandest perennials for a screen, throwing up stalks of beautiful flowers. Nothing better for background or among shrubs. Blooms sometimes first year; always second year. 5-8 feet tall. Will grow anywhere. Originally from the gardens of the Old World.

★(New) **Orange Prince**—Rich Apricot-Orange double. A robust grower, in a shade not heretofore known to the genus. $\frac{1}{2}$ oz., 1.25; pkt., 15

Allegheny—Semi-double, fringed, mixed colors.

Mammoth flowers. $\frac{1}{2}$ oz., 35c.; pkt., 10

Chater's Double Pink. $\frac{1}{2}$ oz., 65c.; pkt., 10

Chater's Double Red. $\frac{1}{2}$ oz., 65c.; pkt., 10

Chater's Double Yellow. $\frac{1}{2}$ oz., 65c.; pkt., 10

Chater's Double Newport Pink. $\frac{1}{2}$ oz., 65c.; pkt., 10

Chater's Double White. $\frac{1}{2}$ oz., 65c.; pkt., 10

Chater's Double Mixed Colors—Extra choice.

Rose, Scarlet, Salmon, Yellow $\frac{1}{2}$ oz., 50c.; pkt., 10

Annual Single Mixed—Very attractive, all colors, early bloomer. $\frac{1}{2}$ oz., 25c.; pkt., 10

IBERIS—See Candytuft.

IPOMŒA—See Morning-Glory.

KOCHIA (Fire Bush) □

SUMMER CYPRESS OR BELVIDERE

(Normal germination, 10 days)

The seed should be sown when the Oak trees are bursting into leaf. The plants develop very rapidly, finally reaching by midsummer two feet in height, and forming perfect globes of green, feathery branches, which turn red after frost. Anyone can grow this plant in almost any situation, and we accordingly recommend it most highly. An annual hedge plant. 3 feet. Native both in Europe and United States.

Childsii—Extraordinarily showy; green; red after frost. Newest, best type. $\frac{1}{2}$ oz., 15c.; pkt., 10

KUDZU VINE ○

(Normal germination, 30 days)

Pueraria Thunbergiana—8-10 feet the first season. When well established, grows 40-50 feet a year. Large heart-shaped leaves, with clusters of rosy pea-like blossoms. Grows well in poorest soil. Top dies back in winter, but new shoots appear early following season. Its natural habitat is China and Japan. $\frac{1}{2}$ oz., 25c.; pkt., 10

LADYSLIPPER—See Balsam.

LANTANA □

(Normal germination, 30-45 days)

Hybrida Mixed—A rapid growing perennial (treat as an annual) bearing verbena-like clusters of crimson, rose, yellow, orange and flame, which are followed by deep blue berries. 2 feet. First introduced from the West Indies.

$\frac{1}{2}$ oz., 35c.; pkt., 10

LARKSPUR □

(Normal germination, 20-25 days)

Larkspur or Annual Delphinium is of unsurpassed merit for massing in the border, as well as for cutting. Native to many parts of North Temperate Zone. Tall, upright, base-branching in habit, the Giant Imperials have passed all other types of Larkspur for florists' and general garden use. The Delphinium-like spikes of double flowers, carried on stems 4-5 feet long, are compactly placed on upright growing plants, requiring only about half the space needed for the old Stock Flowered type.

- Imperial Miss California**—Deep salmon-pink.
¼ oz., 55c.; pkt., 10
 - Imperial Blue Spire**—Deep Oxford blue.
¼ oz., 55c.; pkt., 10
 - (New) Imperial Blue Bell**—"All-American" for 1934. Description on Novelty Page.
¼ oz., 75c.; pkt., 10
 - Imperial Peachblossom**—Flesh-pink.
¼ oz., 55c.; pkt., 10
 - Imperial Daintiness**—Delicate lavender.
¼ oz., 55c.; pkt., 10
 - Imperial Scarlet Spire**—Good scarlet.
¼ oz., 55c.; pkt., 10
 - Imperial White Spire**—Clear white.
¼ oz., 55c.; pkt., 10
 - Imperial Finest Mixed**.....¼ oz., 35c.; pkt., 10
 - Dwarf Double Rocket Mixed**—1 foot. For borders.....¼ oz., 20c.; pkt., 10
- See also Novelty Page.

FOR HARDY LARKSPUR—See Delphinium.

LINARIA (Toadflax) □

"All-American" for 1934. See description on Novelty Page.....½ oz., 35c.; pkt., 10

LINUM (Flax) ○

(Normal germination, 10-15 days)

Grandiflorum Perenne.○ Dainty pale blue flowers. Easy to grow and very much used recently, because of their graceful, airy habit. 2 feet. European native.....¼ oz., 25c.; pkt., 10

LOVE-IN-A-MIST—See Nigella.

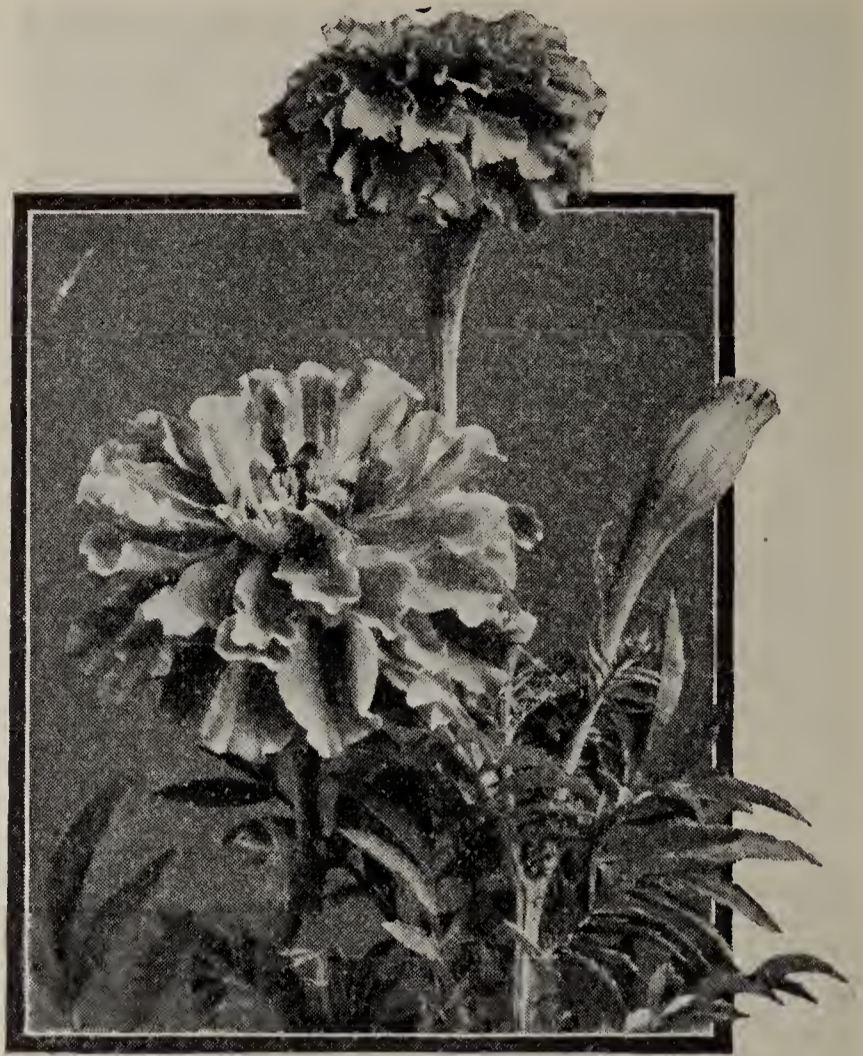
LOVE-IN-A-PUFF—See Balloon Vine.

LUPINUS (Polyphyllus) ○

(Normal germination, 5-10 days)

Beautiful hardy border plants with interesting foliage and large spikes of flowers resembling sweet-peas, set closely together on the stalk. No garden complete without Lupines. 3 feet. Grows wild from Washington to California.

- Blue**.....½ oz., 25c.; pkt., 10
- White**.....½ oz., 25c.; pkt., 10
- Roseus**—Extra fine.....½ oz., 25c.; pkt., 10
- Fine Mixed**.....½ oz., 25c.; pkt., 10



Marigold Guinea Gold

MARIGOLD (Tagetes) □

(Normal germination, 5-10 days)

When all other flowers are past their prime, Marigolds will still furnish a wealth of color. The dwarf varieties are ideal for bedding, while the taller types are valuable for cutting. Marigolds are shallow rooters, and apt to be blown about unless staked. Easy to grow. In bloom for 90 days. Native from New Mexico to Argentina.

Guinea Gold—A carnation-flowered novelty that comes 100% true semi-double from seed. Petals loosely placed and of brilliant orange color, flushed with gold. Largely lacks the characteristic Marigold odor. **Early sowing is essential.**

- ¼ oz., 50c.; pkt., 15
- African Tall Double**—Orange. 2½ feet.
¼ oz., 50c.; pkt., 10
- African Tall Double**—Lemon. 2½ feet.
¼ oz., 50c.; pkt., 10
- African Tall Double**—Mixed. 2½ feet.
¼ oz., 25c.; pkt., 10
- French Dwarf Double**—Bronze. 10 inches.
¼ oz., 25c.; pkt., 10
- French Dwarf Double**—Lemon. 10 inches.
¼ oz., 25c.; pkt., 10
- French Dwarf Double**—Mixed. 10 inches.
¼ oz., 25c.; pkt., 10
- Legion of Honor, or Dwarf Brownie**—About 9 inches high. Fine for borders or massing. Flowers single, brilliant gold with maroon blotching. In bloom until frost...¼ oz., 25c.; pkt., 10
- ★**Tagetes Signata Pumila**—Commonly known as Mexican Marigold, this plant is 8-10 inches tall, and is covered with small single orange flowers, over a very long period. Best for edging walks and paths. A favorite with Garden Clubs.
¼ oz., 45c.; pkt., 10

MARVEL-OF-PERU (Mirabilis jalapa) □

(Normal germination, 8-20 days)

Or, as it is generally called, **Four-o'clock**, because its flowers open late each afternoon. Flowers are fragrant, with desirable colors and fine markings. Makes a fine Summer hedge if set in rows a foot apart. Tubers may be lifted in the Fall, and stored like Dahlias, and replanted in Spring, making larger plants with more flowers. 2 feet. Habitat is tropical America.

Mixed Colors ¼ lb., 60c.; oz., 20c.; pkt., 10

MATRICARIA (Feverfew) ○

(Normal germination, 10-12 days)

Capensis White—Early sowing will give bloom the first season. The double button-like flowers are ideal for cutting. June to October. 2 feet. Native in the Mediterranean region and the Orient. ¼ oz., 25c.; pkt., 10

MIGNONETTE (Reseda) □

(Normal germination, 8-10 days)

No annual is a more general favorite than the Mignonette. Of the easiest culture, it adapts itself to all situations. Its greatest usefulness is in combination with those cut-flowers which lack the fragrance in which this flower so abounds. Reseda is found in Southern Europe, Northern Africa, the Canary Islands, and some species in the U. S.

Allen's Defiance—The florist's favorite. Large spikes, very fragrant, and will keep for days after cutting, holding their fragrance, as the buds open daily. Fine for forcing. 9 inches high.

¼ oz., 15c.; pkt., 10

Goliath, Giant Flowered—Red. Plants pyramidal in form and very strong with exceedingly large flower-spikes. 12 inches. ¼ oz., 25c.; pkt., 10

Golden Yellow—Dwarf growth, highly colored; fragrant. ¼ oz., 20c.; pkt., 10

New York Market—Unsurpassed florist strain. ¼ oz., 45c.; pkt., 15

Odorata—Small flowered but particularly fragrant. 9 inches. Oz., 25c.; pkt., 10

MIRABILIS JALAPA—See Four-o'Clock.

MOURNING BRIDE—See Scabiosa.

MORNING-GLORY □

(Normal germination, 5-10 days)

(Soak seed in water 24 hours before sowing)

Most Morning Glories grow about 12 feet tall. Native to nearly all the world.

Convolvulus Major is an annual of rapid growth; large flowers of many colors; suitable for covering porches or arbors, blooming in July and constantly until frost. Oz., 20c.; pkt., 10

Convolvulus Minor—All colors, 1 foot tall. Adapted for edging or rock work, and for preventing washing on steep banks. Oz., 20c.; pkt., 10

Rochester—A large-flowering variety. Flowers 4 inches or over, are a deep violet-blue, with a narrow band of white around the edge. Wonderfully attractive. ½ oz., 30c.; pkt., 10

Giant Imperial Japanese Mixed—A warm situation protected from winds is best for Japanese Morning Glory. Oz., 30c.; pkt., 10

Early Flowering Heavenly Blue—Most exquisite of the Morning Glories. Charming color. Should be started indoors. . . . ½ oz., 1.25; pkt., 15

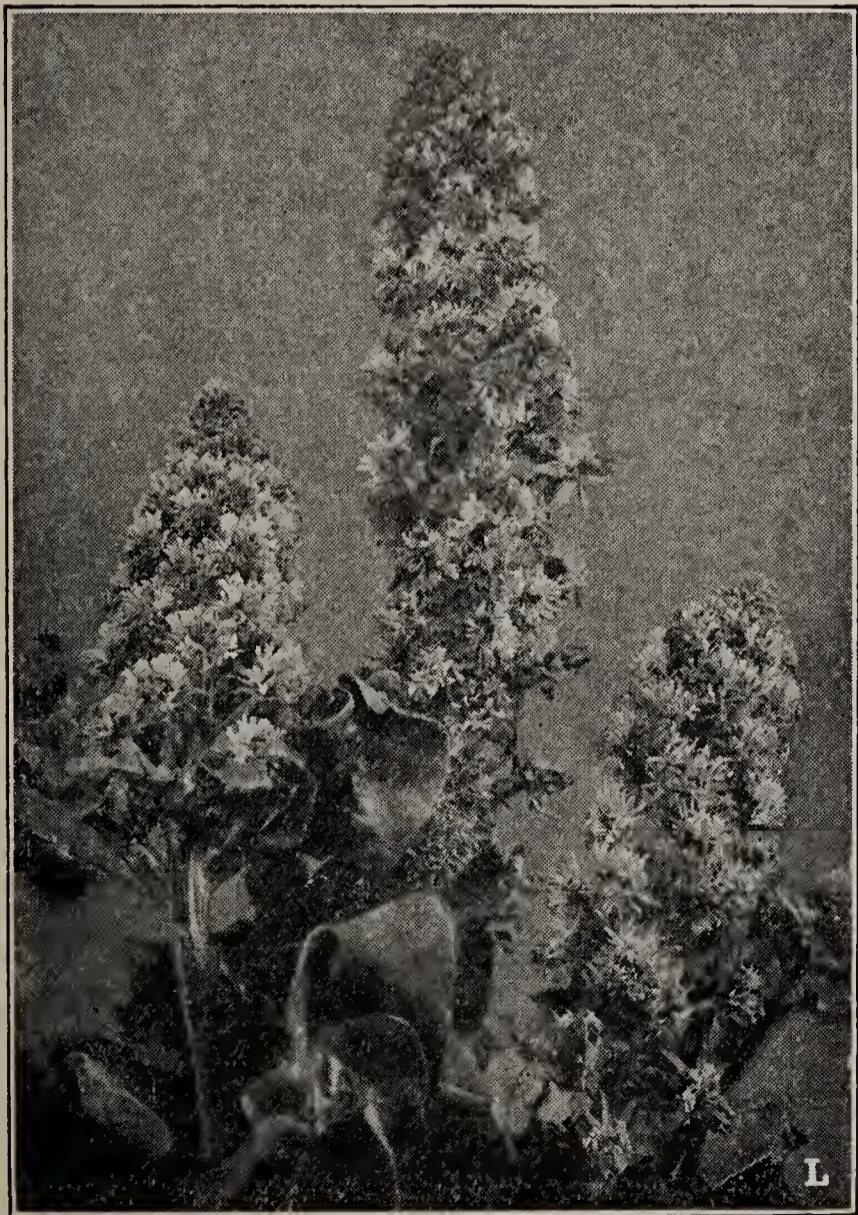
MOONFLOWER (Ipomoea grandiflora) □

(Normal germination, 8-15 days)

These beautiful rapid-growing climbers will grow about 30 feet in one season. Though really a perennial, is best treated as an annual, as it will not survive northern winters. Leaves are large and the flowers, which open as the sun is sinking are very fragrant. **We have found it best to plant the seeds one-half inch deep, after having soaked them overnight in warm water.**

Mexicana Grandiflora Alba—White flowers, six inches wide. Opens only night and morning. Large, smooth, dark foliage. . ½ oz., 30c.; pkt., 10

Bona nox (Evening-Glory)—Large fragrant blue flowers opening in the evening. Very showy. Oz., 25c.; pkt., 10



Mignonette—Allen's Defiance

MYOSOTIS (Forget-Me-Not) ○

(Normal germination, 15-20 days)

One of the most satisfactory early Spring flowers. They are perennials and quite hardy, although they do need some protection during very severe weather. Flourish in shady moist situation. 6 inches. Native to both Europe and America.

Dwarf Alpestris Blue $\frac{1}{4}$ oz., 50c.; pkt., 10

CHINESE FORGET-ME-NOT—See Cynoglossum.

LANDRETHS' NASTURTIUMS □

Sow when the Apple is in bloom
Transplant when two inches high

(Normal germination, 8-10 days)

(PRICE PER PACKET, 10 CENTS)

The Nasturtiums, with four or five other ornamental plants, lead everything else in the garden. These flowers require next to no care and thrive best in a moderately poor soil, enduring heat and dry weather remarkably well. The flowers are of all colors, from deep chocolate to nearly white. They are very effective when planted in borders, and bloom from early summer until killed by frost. One Ounce sows 30 feet of single row. Native from Mexico to Chile.

SPECIAL NOVELTY

Double Sweet-Scented Nasturtium
Packet, 20c; Ounce, 75c

Golden Gleam—A bouquet of these golden-yellow flowers, distinctly double in form, will fill a room with delightful fragrance, in addition to being a treat to the eye.

Flowers are borne on 6 inch stems, held well above the foliage, which adds much to the appearance of the plant. It will doubtless be a valuable addition to our list of annual flowers. Is winning in shows everywhere. Late planting is best, and this variety needs considerable moisture to bloom really well. Originator's stock only.

DWARF NASTURTIUMS □

The Dwarf Sorts are adapted for beds and borders

8 to 15 inches

NAMED VARIETIES, 10 CENTS PACKET;

OUNCE, 20c; $\frac{1}{4}$ -POUND, 45c; POUND, \$1.50

- ★**Crimson**—With black throat.
- ★**Empress of India**—Foliage purple-blue, bearing brilliant scarlet flowers; a good plant for edging.
- ★**Beauty Dwarf**—Scarlet, blotched with canary yellow.
- ★**King Theodore**—Purple-garnet. Foliage dark green. Good for edging.
- ★**Pearl or Moon Light**—Flowers cream tinted, a choice color among Nasturtiums, producing pleasing effect.
- ★**Yellow**—Strong vine, large leaved, profuse bloomer.

Landreths' Dwarf Mixed—A mixture of the best dwarf varieties, producing an agreeable effect; in colors of scarlet, crimson, bronze, gold and white. Per Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35

TALL NASTURTIUMS

Climbing 4 to 5 feet high

NAMED VARIETIES, 10 CENTS PACKET;

OUNCE, 20c.; $\frac{1}{4}$ -POUND, 45c.; POUND, \$1.50

- ★**Crimson**—Dark and showy.
- ★**Bright Rose**—Very choice sort, producing a rose-salmon flower; quite distinct from usual colors.
- ★**Bright Yellow**—Very showy, and a profuse bloomer.
- ★**Chameleon**—Many colors on same plant and a great variety of splashes of color on each flower.
- ★**Dunnett's Orange or Sunlight**—A very vigorous grower, producing a showy, deep orange flower.
- ★**King Theodore**—Purple-garnet with dark leaves.
- ★**Pearl or Moon Light**—Delicate, cream-white flowers, contrasting finely with the orange, gold and scarlet of more brilliant varieties.
- ★**Prince Henry**—Primrose-yellow, spotted with crimson. A choice sort.
- ★**Spit Fire**—Remarkable in its intensity of sparkling brilliancy; exceedingly showy; one of the finest scarlets.
- ★**Vesuvius**—Salmon-rose, dark leaved.

Landreths' Tall Mixed—A combination of the best tall varieties; colors, white, cardinal, orange, rose, scarlet, etc.

Per Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35



Double Nasturtium Golden Gleam

NEMESIA □

(Normal germination, 20-30 days)

Triumph Mixed (Nana Compacta)—Half-hardy annual, 1 foot tall, with orchid-like flowers in many colors, ranging from rose and yellow-orange to blue. Excellent for borders, bedding, and as a pot-plant. We can thank South Africa for Nemesia..... $\frac{1}{8}$ oz., 50c.; pkt., 15

NEPETA ○

(Normal germination, 15-30 days)

★**Mussini Nana Compacta**—Compact bushes bearing terminal spikes of pale lavender-blue blossoms. Splendid for edging and rock work. Both flowers and foliage are aromatic. 12 inches. Native of Persia..... $\frac{1}{8}$ oz., 50c.; pkt., 10

NICOTIANA □

(Normal germination, 5-10 days)

Affinis Hybrids Mixed—This sweet scented tobacco somewhat resembles a Petunia, but has a longer tube, and more pronounced petals. Opening toward evening, they emit a very powerful perfume. Blooms all Summer and Autumn, and shows shades of blue, red, white, rose and pink. 2 feet. Native of Brazil, Uruguay and Paraguay. $\frac{1}{2}$ oz., 35c.; pkt., 10

NIGELLA DAMASCENA □
(Love-in-a-Mist)

(Normal germination, 10-15 days)

Miss Jekyll.—One of the best of the old-fashioned blue flowers. A free growing profuse blooming annual with very fine cut leaves. Thrives well under adverse conditions, including the poorest soil. Is a native of the Mediterranean region. $\frac{1}{2}$ oz., 35c.; pkt., 10

OENOTHERA—See Evening Primrose.

PAINTED TONGUE—See Salpiglossis.

PAPAVER—See Poppy.

PANSIES ○

(Normal germination, 8-40 days)

Seeds should be sown indoors early in Spring or outdoors during August and plants protected in Winter. In bloom sixty days after planting and continue to bloom until after frost. Though perennials, pansies are best treated as annuals. 8 inches. All pansies do best in soil that is rich, cool and moist. They are natives of the North and South Temperate Zones.

- Fairy Queen**—Light blue, white border. $\frac{1}{8}$ oz., 40c.; pkt., 10
- Dr. Faust**—King of the Blacks. $\frac{1}{4}$ oz., 60c.; pkt., 10
- Golden Queen**—Pure yellow. $\frac{1}{4}$ oz., 90c.; pkt., 10
- Lord Beaconsfield**—Lavender, shading to purple. $\frac{1}{4}$ oz., 75c.; pkt., 10
- Meteor**—Mahogany brown, with yellow. $\frac{1}{4}$ oz., 60c.; pkt., 10
- Prince Henry**—Darkest blue. $\frac{1}{4}$ oz., 90c.; pkt., 10



Landreth's Fine Bedding Pansy

- Victoria Red**—Magnificent. Flowers of deep claret-red color, large and very beautiful. $\frac{1}{8}$ oz., 55c.; pkt., 10
- Snowflake**—Pure white..... $\frac{1}{4}$ oz., 75c.; pkt., 10
- ★(New) **Almond Blossom**—Cattleya flowered, delicate rose..... $\frac{1}{8}$ oz., 60c.; pkt., 15
- Giant Trimardeau**—Mixed. A distinct class of plants bearing enormous flowers. $\frac{1}{4}$ oz., 60c.; pkt., 10
- Masterpiece**—Mixed. Frilled. Not excelled in good quality..... $\frac{1}{8}$ oz., 70c.; pkt., 10
- Fine Bedding Mixed**..... $\frac{1}{4}$ oz., 45c.; pkt., 10
- Landreth's All Giants Mixed** $\frac{1}{8}$ oz., 1.00; pkt., 10
- Triumph of the Giants**—This is as fine seed as is possible to procure, producing round bushy plants with long-stemmed flowers of enormous size. Petals are curled, and overlap each other in such a way as to appear almost double. Several new color-tones are met with in this mixture, notably new reds and browns..... $\frac{1}{8}$ oz., 1.50; pkt., 50
- ★(New) **Engelmann's Giant Mixed**—Mr. Engelmann, one of the foremost British growers, has in this mixture given us a strain of immense size (3-4 inches across) containing a wide range of colors both dark and light. Compact and early flowering. Originator's seed. $\frac{1}{8}$ oz., 1.75; pkt., 75

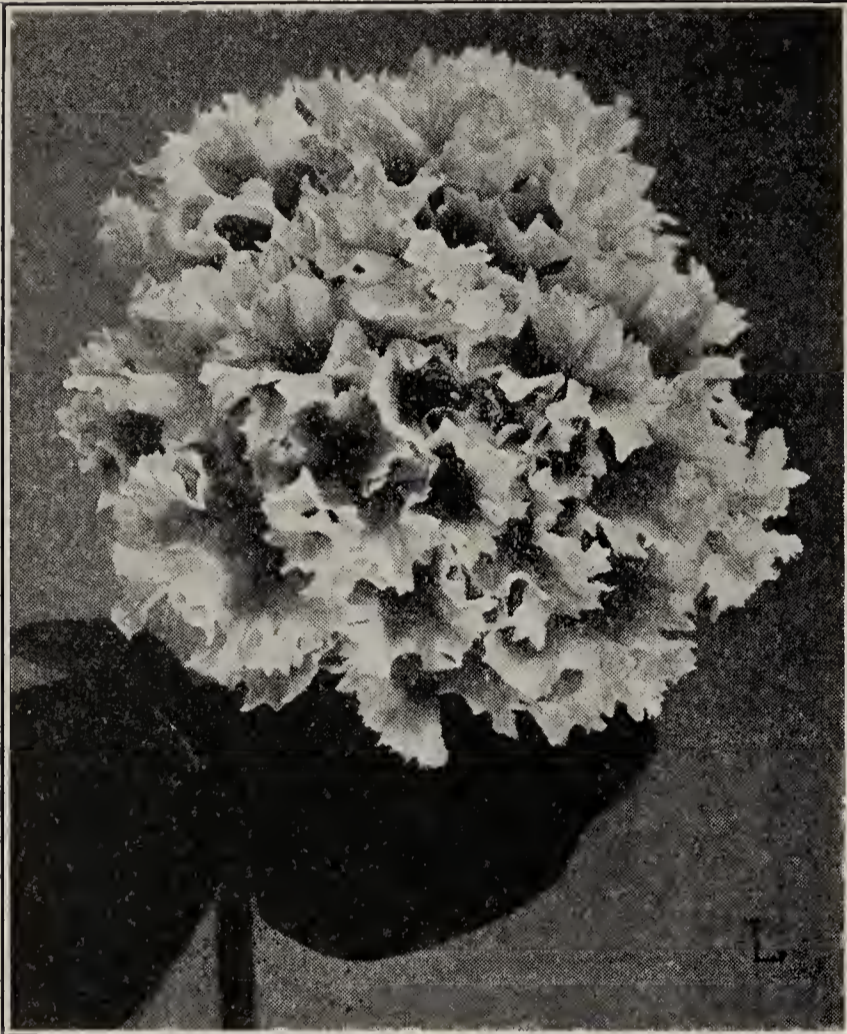
TUFTED PANSIES—See Viola cornuta.

PENTSTEMON (Beard Tongue) ○

(Normal germination, 8-15 days)

Improved Sensation Mixed—Showy plants. Effective for bedding and borders. Bell-shaped flowers in graceful spikes of white, rose, purple, pink, etc. 2 feet. Blooms first year if started early. Native to North America.

$\frac{1}{8}$ oz., 85c.; pkt., 15



Fringed Double Petunia

PETUNIAS □

(Normal germination, 8-15 days)

Annuals of extraordinary merit and easy culture, producing a fine effect by reason of the beautiful combination of colors. In the garden or greenhouse they flower in great profusion. Will grow in any soil, but the richer the soil the better the effect. Fine for window boxes. **Follow instructions on packet carefully.** Are wildings of southern South America.

★(New) **Silver Blue**—Compact light blue. $\frac{1}{16}$ oz., 50c.; pkt., 10

Balcony Flowering Mixed Single. $\frac{1}{8}$ oz., 80c.; pkt., 15

Fringed Double Fine Mixed—50% double, pkt., 25

★(New) **All Double "Triumphant" Mixed**—100% double flowers. "All-American" for 1934. See description on Novelty Page... 150 seeds, 75

Giant Fimbriata Mixed—Beautiful fringed single—8 to 10 colors or types—when well-grown, 3 inches across... pkt., 25

Venosa—Purplish-pink single, with throat heavily veined in crimson—a distinct novelty. $\frac{1}{4}$ oz., 50c.; pkt., 10

Purple Prince—Darkest velvety-purple single, and in much demand for modern gardens... pkt., 25

★**Alba**—Single white, sturdy and very heavily flowered, and of considerable merit. $\frac{1}{4}$ oz., 50c.; pkt., 10

Giant of California Finest—Mixed, fringed and ruffled... pkt., 25

Howards Star—Velvety purple with white star. $\frac{1}{8}$ oz., 50c.; pkt., 15

Hybrid Single—Mixed colors. 2 feet. $\frac{1}{4}$ oz., 50c.; pkt., 10

Rosy Morn Single—Clear pink with white throat. $\frac{1}{4}$ oz., 80c.; pkt., 10

Rose of Heaven Single—Dwarf rose pink. $\frac{1}{8}$ oz., 35c.; pkt., 15

See also Novelty Page.

It is interesting to note that the following flowers were in common cultivation more than 100 years ago, and may be found in copies of Landreth's early catalogs:

- | | |
|------------------|----------------|
| Achillea | Lantana |
| Aquilegia | Linum |
| Arctotis | Lupinus |
| Aster | Marigold |
| Alyssum | Marvel of Peru |
| Balsam | Mignonette |
| Calendula | Morning Glory |
| Campanula | Nasturtium |
| Canna | Pansy |
| Celosia | Phlox |
| Centaurea | Poppy |
| Chrysanthemum | Salvia |
| Coboea | Stocks |
| Coreopsis | Sunflower |
| Dahlia | Scabiosa |
| Daisy, Bellis | Schizanthus |
| Dianthus | Sweet Peas |
| Delphinium | Sweet Rocket |
| Evening Primrose | Sweet William |
| Euphorbia | Thunbergia |
| Foxglove | Verbena |
| Geranium | Vinca |
| Gomphrena | Wallflower |
| Heliotrope | Zinnia |
| Hollyhock | |

A large number of annuals may be planted in the Fall, rather than waiting for Spring. There is a double advantage in this plan, for not only does it save work in the busy season, but it gives the plants a very early Spring start. Annual varieties which will winter safely in most sections from Fall sown seed are: Centaureas, Poppies, Petunias, Calendulas, Moonflower, Antirrhinum, Alyssum, Nicotiana, Gypsophila, Cynoglossum, etc. It is best to protect the seed bed with litter during the Winter, so that heavy rains will not wash any unsprouted seeds out of their regular rows before they sprout the following Spring.

PHLOX DRUMMONDII □

(Normal germination, 8-10 days)

Phlox is the showiest and most easily grown of all annuals. All our seed is specially grown for us, and we have the most complete list of colors in America.

Phlox grows well in any soil, requiring only plenty of sun, but is at its best in a rather light, sandy loam. It may be planted either in clumps or in rows, but shows its brilliancy to best advantage when grown in masses.

This charming flower may be sown under glass in March, and the plants set out in late May, or it can be sown where wanted to bloom, as soon as danger from frost is over. Its season is very long, being from early July until killed by frost.

Phloxes resemble zinnias in that they thrive with little or no care, and will stand all sorts of abuse. For best results, do not allow plants to stand closer to each other than 4 inches. Cultivation should be very shallow, as the roots are near the surface. Phlox is indigenous to many parts of the U. S. but particularly so to Texas.

(Perennial Phlox does not come "true" from seed, hence we do not list it.)

TALL VARIETIES (Grandiflora) 12 to 15 inches

- ★ **Coccinea**—Brilliant crimson, very floriferous.
 $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Alba Oculata**—White with maroon eye.
 $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Atroviolacea**—Pansy violet with deep purple star; a true velvet Phlox. $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Chamois Rose**—Newport Pink with deep salmon eye; very fine. $\frac{1}{8}$ oz., 30c.; pkt., 10
- ★ **Chamois Rose Alba Oculata**—Choice salmon pink with white eye; very fine $\frac{1}{8}$ oz., 30c.; pkt., 10
- ★ **Splendens**—Bright scarlet with white eye.
 $\frac{1}{8}$ oz., 30c.; pkt., 10
- ★ **Carnea**—White, suffused with pink, and deeper pink eye; particularly lovely $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Rosea**—Medium rose with red star; heavily flowered. $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Kermesina Splendens**—Brilliant lipstick with white star and red eye. $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Isabellina**—Coffee-and-cream or yellow; a most unusual color. $\frac{1}{8}$ oz., 30c.; pkt., 10
- ★ **Atropurpurea Alba Oculata**—Crimson-purple with white eye. $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Cinnabar Scarlet**—Brightest of all scarlets; very vivid. $\frac{1}{4}$ oz., 50c.; pkt., 10
- ★ **Striata Rosea**—Good rose with stripes and eye of white. $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Striata Coerulea**—Blue with stripes and eye of white. $\frac{1}{4}$ oz., 45c.; pkt., 10
- ★ **Striata Coccinea**—Red with stripes and eye of white. $\frac{1}{4}$ oz., 45c.; pkt., 10
- Bloomsdale Grandiflora Mixed**—Really superb mixture with many light colors.
 $\frac{1}{4}$ oz., 35c.; pkt., 10



Top—
Isabellina
Left Centre—
Carnea
Right Centre—
Chamois Rose
Bottom—
Kermesina
Splendens

PHLOX

Top—
Chamois
Rose Alba
Oculata
Bottom—
Splendens

PHLOX DRUMMONDII—Continued

DWARF VARIETIES (Nana Compacta)

6 to 8 inches

- ★**Nana Cinnabarina**—Best brilliant scarlet; unexcelled for edging. $\frac{1}{8}$ oz., 40c.; pkt., 10
- ★**Nana Meteor**—Superb dwarf Newport Pink. $\frac{1}{8}$ oz., 50c.; pkt., 10
- ★**Nana Rose Carmine**—Carmine rose with red eye; choice. $\frac{1}{4}$ oz., 45c.; pkt., 10
- Bloomdale Nana Compacta Mixed**—Fine mixture of about 12 dwarf types. $\frac{1}{4}$ oz., 35c.; pkt., 10
- Cuspidata Mixed (Star of Quedlinburg)**—Perfect star-shaped flowers—12 inches tall. $\frac{1}{4}$ oz., 45c.; pkt., 10

PHYSALIS (Chinese Lantern Plant) ○

(Normal germination, 10–15 days)

Franchetti—Scarlet balloon-like pods which resemble a miniature lantern appear the second and following years. After cutting, remove leaves, and hang stalks sidewise until fruit is dried, when they make interesting winter bouquets.

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

PINKS—See Dianthus.

POPPY □○

(Normal germination, 6–15 days)

Every garden should have a supply of Poppies. They fit in almost anywhere and the perennial varieties remain for years. Sow seed in open ground in Spring or Fall. Will not bear transplanting. 1 to 2 feet. Poppies in their various forms are found all over the world, but in Europe and the Orient more than anywhere else.

CALIFORNIA POPPY—See Eschscholtzia.

Carnation-flowered Double Mixed. □

Oz., 30c.; pkt., 10

Shirley Single Mixed □—A strikingly beautiful plant. $\frac{1}{2}$ oz., 15c.; pkt., 10

Shirley Double Queen Mixed □—Double flowered and very striking. $\frac{1}{2}$ oz., 40c.; pkt., 10

Double Scarlet King □. $\frac{1}{2}$ oz., 60c.; pkt., 10

Oriente Mixed ○—Red, orange, salmon, pink, white. $\frac{1}{4}$ oz., 35c.; pkt., 10

Iceland or Nudicaule ○—Mixed colors. If sown in February will flower the same year and yield brilliant flowers all the season. Single.

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

PUERARIA THUNBERGIANA—See Kudzu Vine.

PORTULACA □

(Normal germination, 8–10 days)

One of the most showy and beautiful of border flowers, making a carpet of color. The seed germinates freely and flourishes in almost any situation, and self-sows from year to year. Does not grow over 3 to 4 inches high, but each plant spreads 10 inches wide. In the open they make a gorgeous bed, as they love the hot sun and a sandy soil; bloom for 60 days. Natives of Venezuela and Brazil.

Finest Single Mixed. $\frac{1}{4}$ oz., 35c.; pkt., 10



Shirley Poppy

PORTULACA—Continued

Finest Double Mixed Colors—Resemble beautiful double Roses, though only one inch in diameter. Several colors, very showy, sow in beds. Will produce about 40% single flowers.

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

RICINUS—See Castor Beans.

ROCK CRESS—See Arabis.

SALPIGLOSSIS — Painted Tongue □ (Variabilis superbissima)

(Normal germination, 5–10 days)

This is a very easily grown annual 24 to 30 inches tall, which blooms from mid-summer until frost. Blossoms are funnel shaped, gloxina-like in their velvety appearance and veined with gold. One of the very finest annuals. Our mixture covers a very large range of colors. Prefers sandy soil and partial shade. Salpiglossis was brought to civilization from the wilds of Chile.

Gloxiniaflora Mixed. $\frac{1}{4}$ oz., 35c.; pkt., 10

SALVIA or SAGE □○

(Normal germination, 5–10 days)

A half-ounce should raise 1000 plants. Sow seed in hot-bed or box in house and plant out when ground is warm, or sow outdoors when the Apple is in bloom. In bloom 60 days. 2 feet spread.

The Sage offered by Landreth will produce, when well-grown, 150–200 spikes to the plant. These spikes are often 14 inches long. The scarlet varieties we owe to Brazil.

Splendens □. $\frac{1}{4}$ oz., 75c.; pkt., 10

SALVIA or SAGE—Continued

Bonfire or Clara Bedman □—A fine variety, 3 feet high; forms a dense compact bush. Brilliant scarlet..... $\frac{1}{4}$ oz., 75c.; pkt., 10

★**Farinacea** ○—3 feet. Perennial. Surmounting dense tufts of attractive foliage, rise spikes of light lavender-blue flowers. Blooms first year if started early. Is a native Texan.
 $\frac{1}{8}$ oz., 30c.; pkt., 10

SATIN FLOWER—See Godetia.

SCARLET RUNNER BEAN □
(*Phaseolus coccineus*)

(Normal germination, 5-6 days)

These vines grow 8-12 feet, and are covered all season with showy clusters of blossoms of brilliant scarlet. Excellent for covering fences or trellises. The beans which follow the flowers may be eaten while young and tender. A native tropical American variety.....1 lb., 40c.; pkt., 10

SHASTA DAISY—See Chrysanthemum.

SNAPDRAGON—See Antirrhinum.

SWAN RIVER DAISY—See Brachycome.

SWEET SULTAN—See Centaurea Imperialis.

SCABIOSA (Mourning Bride) □

(Normal germination, 10-15 days)

Pincushion Flower, known the world over as Mourning Bride. Easy culture; blooms all the season. Fine for cutting 2 to 3 feet high. Long straight stems. Sow early to secure good results. Native of Europe.

Ageratum Blue..... $\frac{1}{4}$ oz., 25c.; pkt., 10
Fiery Scarlet..... $\frac{1}{4}$ oz., 25c.; pkt., 10
Peach Blossom..... $\frac{1}{4}$ oz., 25c.; pkt., 10
Shasta White..... $\frac{1}{4}$ oz., 25c.; pkt., 10
Black Prince..... $\frac{1}{4}$ oz., 25c.; pkt., 10
Bloomsdale Mixed..... $\frac{1}{4}$ oz., 25c.; pkt., 10

SCABIOSA CAUCASICA ○

(Normal germination, 10-25 days)

Perennial Scabiosa is a most delightful novelty. Originally a native of Siberia, it has made a place for itself in the modern garden. With fine long stems, it keeps a long time in water. Flowers more than 3 inches across, which are produced all summer on 3 foot stems. Native of the Caucasus region.

Caucasica Perfecta—Deep lilac.

$\frac{1}{8}$ oz., 70c.; pkt., 15

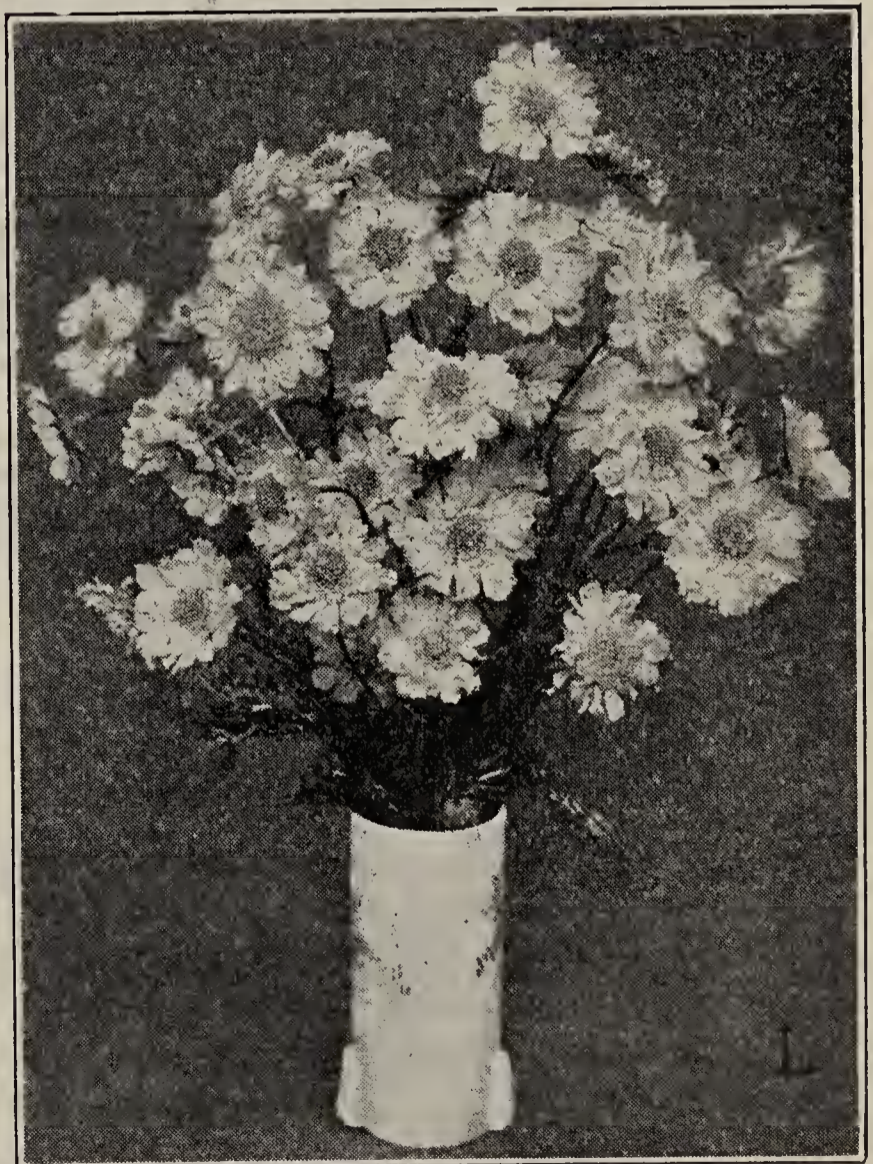
SCHIZANTHUS (Poor Man's Orchid) □

(Normal germination, 5-10 days)

Dr. Badger's Hybrid Mixed—Seed germinates readily, and in a few weeks plants are a mass of bloom. The finely cut foliage adds greatly to the attractiveness of the plant. Mainly pastel shades in this mixture. 18 inches. $\frac{1}{8}$ oz., 80c.; pkt., 20



Schizanthus—Dr. Badger's Hybrids



Scabiosa Caucasica (Perennial)



Stocks—Mont Blanc

STOCKS (Sometimes called Gilliflower) □

(Normal germination, 3-10 days)

These are half-hardy annuals, beautiful, fragrant old-fashioned double flowers. Sow under glass or on warm border early in Spring, transplant to rich ground **to which lime has been added.** As only single Stocks produce seeds, no double strain can be had without a percentage of single flowers. Our strain is remarkably well doubled. Stocks are native in Southern Europe and Southern California.

MAMMOTH EARLY BRANCHING DOUBLE NICE

- Mont Blanc is the finest and most floriferous white sort. For garden, pot or cut-flower use, it cannot be equaled. $\frac{1}{8}$ oz., 60c.; pkt., 10
- Beauty of Nice—Flesh pink. $\frac{1}{8}$ oz., 60c.; pkt., 10
- Monte Carlo—Canary yellow. $\frac{1}{8}$ oz., 60c.; pkt., 10
- Souvenir de Monaco—Crimson. $\frac{1}{8}$ oz., 60c.; pkt., 10
- Côte D'Azur—Lavender. $\frac{1}{8}$ oz., 60c.; pkt., 10
- American Beauty—Rose. $\frac{1}{8}$ oz., 60c.; pkt., 10
- Large Flowering Mixed. $\frac{1}{8}$ oz., 50c.; pkt., 10

STRAW FLOWER—See Helichrysum.

SUNFLOWER (Helianthus) □

(Normal germination, 5-10 days)

The **Sunflower** is a well-known old-fashioned favorite, of late years wonderfully improved. The size and brilliancy of its flowers make it worthy of a place in every garden. Plant to hide unsightly objects. Indigenous to the western hemisphere, mainly North America.

- Double Chrysanthemum Flowered—4 feet. Oz., 35c.; pkt., 10
- Globosus Double—Globe flowered, yellow dahlia-shaped, 6 feet. Oz., 40c.; pkt., 10

Single Stella—3 feet. Bushy, branching plant, bearing small single golden flowers on long stems. Has dark center.

Oz., 35c.; pkt., 10

★**Miniature** (Cut and Come Again).

Oz., 35c.; pkt., 10

Russian Mammoth—For field culture. 8-10 feet. Lb., 20c.; $\frac{1}{2}$ lb., 15c.; pkt., 10

SUNFLOWER, MEXICAN—See Tithonia.

SWAN RIVER DAISY—See Brachycome.

SWEET SULTAN—See Centaurea.

SWEET ROCKET (Hesperis matronalis) ○

(Normal germination, 15 days)

Mixed—Delightfully fragrant in the evening. Bears spikes of purple and white flowers, very much resembling single Stocks. 18 inches. Native of Europe, Asia and North America.

$\frac{1}{4}$ oz., 20c.; pkt., 10

SWEET WILLIAM (Dianthus barbatus) ○

(Normal germination, 8-10 days)

These sweet scented perennials were favorites in our great-grandfathers' gardens. They bloom early in the Spring and continue in flower a long time. Plants are hardy and will bloom in August the first and second years, and their number may be increased enormously by dividing the roots. Prefers a rich soil. Native from the Pyrenees to Russia to China.

★**Pink Beauty or Newport Pink**—Exquisite shade of salmon-rose. Single. $\frac{1}{4}$ oz., 40c.; pkt., 10

★**Scarlet Defiance**—Flaming scarlet single, of startling effect when grown in masses. $\frac{1}{4}$ oz., 40c.; pkt., 10

★**Snowcap**—White single. $\frac{1}{4}$ oz., 40c.; pkt., 10

Single Mixed—1 foot. $\frac{1}{4}$ oz., 20c.; pkt., 10

Double Mixed—1 foot. $\frac{1}{4}$ oz., 30c.; pkt., 10

The first complete book on gardening was published in England in 1758, and listed about 150 species of garden plants, introducing them as follows: "Seedes and Herbs for the Kychen, Herbes and Rootes for salletts and sawce, Herbs and Rootes tuboile or tubutter, Stewing Herbs of all sortes, Herbes, branches and flours for windowes and pots, Herbes to still in Summer, Necessarie Herbes to grow in the garden for Physick not reherst before."

SWEET PEAS □

(Normal germination, 15-20 days)

Sow in permanent location, in single row, two seeds to the inch, half-ounce of seeds for two yards of row; cover one inch deep

The first Sweet Pea was of the Grandiflora type, and was discovered in Sicily in the year 1699, whence it soon reached England. After years of hybridizing by Henry Eckford, many improvements were noticed. The Grandiflora type has almost passed out of the picture today, having been superseded by the Spencer variety, discovered in 1901 by Silas Cole, gardener to the Earl Spencer of Althorp Park, Northampton, England. This in turn has been improved on and we now have an Early Flowering Spencer which blooms 3-4 weeks earlier than the Late Flowering Type and continues in bloom much longer.

Sweet Peas are quite hardy, and may be planted very early in the Spring, or late in the Fall. They thrive best in heavily fertilized ground, and need considerable water on warm days.

Best results are obtained by sowing in the Fall, as with deep roots, the season of blooming is greatly lengthened. Sweet Peas do best when trained on trellises made of string. They should be thinned to about 4 inches apart in rows, while the rows should be 3½ feet apart. If space permits, it is advisable to make several sowings about one week apart, so as to provide for a longer flowering season. Sweet Peas develop best only with a rainy season or with extensive watering. Keep seed pods clipped.

NAMED VARIETIES OF SWEET PEAS IN PLAIN PACKETS ONLY

EARLY FLOWERING SPENCERS

For greenhouse or outdoor culture. This class should have more attention from home growers who may have been disappointed with the late flowering type. Blooming 3 to 4 weeks earlier, they are in full bloom before the Summer dry-spell arrives, and where nights are cool, they continue to bear for months.

★**Blue Bonnet**—Best clear deep blue.
Oz., 60c.; pkt., 10

- ★**Harmony**—Clear lavender. . . Oz., 55c.; pkt., 10
- ★**Valencia**—Sunproof bright orange, long stems.
Oz., 70c.; pkt., 10
- ★**Imperial Pink**—Large clear pink.
Oz., 60c.; pkt., 10
- ★**Ball's Rose**—Rose pink. . . . Oz., 55c.; pkt., 10
- ★**Vulcan**—Most vivid scarlet and sunproof.
Oz., 55c.; pkt., 10
- ★**All White**—Largest pure white.
Oz., 60c.; pkt., 10

Extra Choice Mixture.
½ lb., \$1.20; oz., 40c.; pkt., 10



Early Spencer Sweet Pea Valencia

LATE SPENCERS

Named Varieties are all 30c. oz., 10c. pkt.

Here follow the varieties of Late Spencers which we consider are the best in their class. Please hold to this list in ordering.

- ★**Austin Frederick, Improved**—Frilled lavender.
- ★**Barbara**—Large orange salmon.
- ★**Campfire**—Bright scarlet.
- ★**Commander Godsall**—Rich violet-blue.
- ★**Doreen**—Bright rose carmine.
- ★**Elfrida Pearson**—Best shell pink.
- ★**Fiery Cross**—Intense orange-scarlet, or military red.
- ★**Florence Nightingale**—Lavender, tinted mauve.
- ★**Gleneagles**—Very large, pale blue-lavender.
- ★**Hero**—A beautiful cerise.
- ★**Illuminator**—Large rich orange salmon.
- ★**Helen Lewis**—Standard orange, wings rose salmon.
- ★**Hercules**—Rose pink, immense flowers.
- ★**King Edward VII**—Rich crimson.
- ★**King White**—The best white, gigantic flowers.
- ★**Mary Pickford**—Cream pink, suffused salmon.
- ★**Miss California**—Deep cream pink.
- ★**Mrs. Cuthbertson**—Excellent pink and white.
- ★**Mrs. Tom Jones**—Large clear blue.
- ★**Rosabelle**—Bright rose, wavy large flowers.
- ★**Sybil Henshaw**—Large solid crimson.

SWEET PEAS—Continued

- ★**Senator**—Claret and chocolate striped, heliotrope ground.
- ★**The President**—Brilliant rich orange scarlet.
- ★**Welcome**—Dazzling scarlet.
- ★**Wembley**—Lavender and plumbago-blue.
- ★**What Joy**—Rich deep primrose-yellow.
- ★**Youth**—White edge, soft rose pink.

See Previous Page for Prices

Choice Mixture—

Lb., \$1.75; $\frac{1}{4}$ lb., 55c.; oz., 20c.; pkt., 10

GRANDIFLORA TYPES

Choice Mixed Colors—Sow Early

Landreths' Fine Mixed.

Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 15c.; pkt., 10

Landreths' Special Mixed.

Lb., \$1.20; $\frac{1}{4}$ lb., 40c.; oz., 15c.; pkt., 10

THUNBERGIA (Black-Eyed Susan) □

(Normal germination, 10–15 days)

Alata Mixed—A trailing and climbing plant with large showy flowers. Colors embrace all shades of yellow, orange, buff and white, almost all with black centers. Makes a good ground-cover too, on sunny banks. 4 feet. Grows wild in South Africa. $\frac{1}{4}$ oz., 30c.; pkt., 10

TITHONIA ○

(Normal germination, 5–10 days)

★**Speciosa** (Mexican Sunflower)—Though really a perennial, this plant is best started indoors in the northern states, and treated as an annual. Coming from Mexico, it is a rare and handsome thing, and ideal for the background of a wide border. Flowers are a huge dazzling orange-scarlet, 3–4 inches across, and resemble a single Zinnia. 5 feet tall. Native to Mexico and West Indies. $\frac{1}{4}$ oz., 50c.; pkt., 15

TUFTED PANSY—See Viola Cornuta.

VINCA (Madagascar Periwinkle) □

(Normal germination, 10–12 days)

Valuable for pot culture or for borders, tender annual. 1 foot. Seed germinates slowly. May be flowered indoors during Winter. Foliage a shiny dark green, somewhat like that of a gardenia. Native of the Island of Madagascar as well as other tropical spots.

Alba Pura—Pure white. $\frac{1}{4}$ oz., 35c.; pkt., 10

Alba Rosea Oculata—Waxy white, with deep rose eye. $\frac{1}{4}$ oz., 30c.; pkt., 10

Rosea—Rose petals, crimson eye. $\frac{1}{4}$ oz., 35c.; pkt., 10

Mixed. $\frac{1}{4}$ oz., 35c.; pkt., 10

VENIDIUM (Monarch of The Veldt) □

(Normal germination, 30 days)

Fatuosum—2–3 feet. Daisylike flowers 4–5 inches across, of a brilliant orange with center zone of purple-black. Sow in March or April in a sunny position, foliage silky gray. Grows wild in South Africa. $\frac{1}{4}$ oz., 1.25; pkt., 25

VERBENA □

(Normal germination, 10–15 days)

The **Verbena** is a well-known annual of creeping habit, very fragrant. Partially upright, but when prostrate taking root freely where stems come in contact with the ground. Excellent for bedding. In bloom 90 days.

Sow the seed one-quarter inch deep in a box of light rich soil. Start in February or March under gentle heat of hot-bed or even in sunny window, and after hardening off transplant the seedlings in May or June in open ground in good rich soil. Verbenas are found nearly all over the world. The origin of the garden variety, however, is unknown, as it is believed to be a multiple hybrid.

Firefly or Scarlet. $\frac{1}{4}$ oz., 50c.; pkt., 10

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

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

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

Mammoth Choice Mixed. $\frac{1}{4}$ oz., 40c.; pkt., 10

VIOLA CORNUTA

(Normal germination, 8–40 days)

Tufted Pansy Mixed—This plant is often mistaken for a small size pansy. It belongs to the same family, but is quite different, for the petals do not overlap nearly so much as in the pansy. The season is longer, and the plants are much more hardy. A gem for rock gardening. Keep flowers cut to promote continuous bloom.

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

VIOLA TRICOLOR—See Pansies.

WALLFLOWER (Cheiranthus) ○

(Normal germination, 5–10 days)

Thriving in poor soil, the wallflower is a half-hardy perennial, producing beautiful fragrant flowers, mostly yellow, orange and brown. Requires protection during the Winter. Blooms first year if sown early. 18 inches. Native in many parts of Europe.

Large Flowering Mixed. $\frac{1}{4}$ oz., 20c.; pkt., 10

Siberian Wallflower—Brilliant orange. $\frac{1}{4}$ oz., 20c.; pkt., 10

YARROW—See Achillea.

ZINNIA □

(Normal germination, 5–10 days)

John Godfrey Zinn, a German, in 1757 published a "Catalogue of the Plants in the Garden of Göttingen" listing this plant for the first time anywhere, and giving it his name.

More than a century ago, the forebears of the present Landreths commercially introduced the Zinnia from Mexico, where it grew in a wild-state. Its development has been marked since then. Our strain is California grown, and is unsurpassed.

Blooms from July to frost. Seeds can be planted in the open, or young plants transplanted if desired. Dwarf varieties should stand about one foot apart, and tall varieties double this distance. Will grow anywhere and stand any amount of rough treatment, and is immune from disease. Very ornamental and satisfactory as a cut flower. Plant in July to get the largest and best flowers.

ZINNIA—Continued



Dahlia Flowered Zinnia "Exquisite"

GIANT DAHLIA FLOWERED—3 to 4 ft.

(Awarded a Gold Medal by The Royal Horticultural Society of England)

A new race of this attractive flower. Blooms measure about 4 inches in depth, and under very favorable conditions, will reach 7 inches in diameter. They closely resemble Dahlias in appearance.

- Exquisite**—Light rose, shading to deep rose. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Dream**—Deep lavender. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Purple Prince**—Deep purple. . . $\frac{1}{4}$ oz., 65c.; pkt., 10
- Old Rose**—Splendid old rose shade. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Scarlet Flame**—Bright orange-scarlet. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Golden State**—Rich orange. . . $\frac{1}{4}$ oz., 65c.; pkt., 10
- Crimson Monarch**—Deep crimson. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Illumination**—Deep rose self $\frac{1}{4}$ oz., 65c.; pkt., 10
- El Dorado**—Salmon-rose. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Polar Bear**—Pure white. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Canary Bird**—Primrose-yellow $\frac{1}{4}$ oz., 65c.; pkt., 10
- Oriole**—Golden-orange. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Bloomsdale Gold Medal Mixture.** $\frac{1}{4}$ oz., 50c.; pkt., 10

CALIFORNIA GIANTS—3 to 4 ft.

The symmetrical flowers of this type are large and very pleasing. The petals are more loosely placed than in the Dahlia type, giving the effect of a neater, flatter center, thus serving to accentuate the great size of the flower.

- Orange Queen**—Golden orange. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Violet Queen**—Deep purple. . . $\frac{1}{4}$ oz., 65c.; pkt., 10
- Daffodil**—Canary yellow. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Rose Queen**—Bright rose. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Scarlet Gem**—Glowing scarlet $\frac{1}{4}$ oz., 65c.; pkt., 10
- Purity**—Best white of all Zinnias. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Grenadier**—Dark red. $\frac{1}{4}$ oz., 65c.; pkt., 10
- Bloomsdale Finest Mixed.** . . . $\frac{1}{4}$ oz., 45c.; pkt., 10

**★HAAGEANA MEXICANA HYBRIDS
DOUBLE MIXED**

More nearly like the true Mexican variety (which was the parent of the large flowered Zinnia) than any other. Flowers small and plentiful, in yellow and mahogany-red and their variations. Excellent for arrangement in low bowls. 12 inches tall. Early planting is best. . . $\frac{1}{4}$ oz., 65c.; pkt., 10

PICOTEE FLOWERED MIXED—3 ft.

A distinct class of fine double flowers, in which each petal is tipped with a contrasting color. Exceptional for cutting. $\frac{1}{4}$ oz., 50c.; pkt., 10

★EARLY WONDER (NEW)

Fiery Salmon Cerise Pink—The first of a new race of dwarf, early flowering Zinnias, producing masses of pumila type flowers on long stems. Ideal for cutting. Other colors are in course of development. 2 feet. $\frac{1}{4}$ oz., 1.00; pkt., 25

CRESTED AND CURLED MIXED—3 ft.

This type is quite a change from the usual Zinnia, in that the petals are beautifully twisted and curled, giving an appearance of a cactus dahlia. Excellent for bedding and cutting. $\frac{1}{4}$ oz., 45c.; pkt., 10

★CROWN O' GOLD MIXED—3 to 4 ft.

This aristocrat among Zinnias is an outstanding novelty. Each petal is overlaid with deep golden yellow at the base, while carrying out the individual flower color at the tip. The color range includes the popular shades of old rose, cream, yellow, carmine red, buff, pink, etc. $\frac{1}{4}$ oz., 65c.; pkt., 10

DOUBLE GIANTS MIXED—3 ft.

(Grandiflora Robusta)
 $\frac{1}{4}$ oz., 35c.; pkt., 10

**DOUBLE LILLIPUT OR POMPON
ZINNIA—12 to 15 inches**

This charming strain is daily becoming more popular. Dwarf and very bushy, it is the ideal bedding variety. Extremely double and almost ball-shaped flowers, in color tones not usually found in other types. The daintiness of its large number of tiny flower-heads ($1\frac{1}{2}$ inch) makes it particularly desirable for cutting.

- Canary Yellow** $\frac{1}{4}$ oz., 35c.; pkt., 10
- Golden Orange** $\frac{1}{4}$ oz., 35c.; pkt., 10
- Salmon Rose** $\frac{1}{4}$ oz., 35c.; pkt., 10
- Purple** $\frac{1}{4}$ oz., 35c.; pkt., 10
- Scarlet Gem** $\frac{1}{4}$ oz., 35c.; pkt., 10
- White** $\frac{1}{4}$ oz., 35c.; pkt., 10
- Bloomsdale Mixed** $\frac{1}{4}$ oz., 30c.; pkt., 10

NAMES OF VEGETABLES IN FOREIGN LANGUAGES

Many of our customers have requested us to print in several languages the names of the various vegetable seeds we handle. We, therefore, take pleasure in presenting them in French, Italian, Polish, German, Spanish and Scandinavian. This is not a new departure for us, as prior to 1890 we always did so as well as published complete German and French catalogs. We still publish a Spanish edition.

English	French	Italian	Polish
Asparagus.....	Asperge.....	Sparagio.....	Szparagi
Beans.....	Haricots.....	Fagiuoli.....	Fasola
Beet.....	Betterave.....	Barbabetola.....	Buraki
Cabbage.....	Chou pommé.....	Cavolo Cappuccio.....	Kapusta
Carrot.....	Carotte.....	Carota.....	Marchew
Cauliflower.....	Chou-fleur.....	Cavolflore.....	Kalafiory
Celery.....	Céleri.....	Sedano.....	Selery
Corn.....	Mais.....	Mais.....	Kukurydza
Cucumber.....	Concombre.....	Cetriolo.....	Ogorek
Dandelion.....	Pissenlit.....	Dente di leone.....	Papawa
Eggplant.....	Aubergine.....	Melanzano.....	Gruszka-milosna
Endive.....	Chicoree sauvage.....	Indivia.....	Endywia
Kale.....	Chou vert.....	Cavolo riccio verde.....	Solanka
Kohlrabi.....	Chou-rave.....	Cavolo rapa.....	Kalarepa
Leek.....	Poireau.....	Porro.....	Pory
Lettuce.....	Laitue.....	Lattuga.....	Salata
Melon, musk.....	Melon.....	Popone.....	Melon
Melon, water.....	Melon d'eau.....	Cocomero d'acqua.....	Melon, Wodny
Okra.....	Gombaud.....	Ocra.....	
Onion.....	Ognon.....	Cipolla.....	Cebula
Parsley.....	Persil.....	Prezzemolo.....	Pietruszka
Parsnip.....	Panais.....	Pastinaca.....	Pasternak
Peas.....	Pois.....	Piselli.....	Groch
Pepper.....	Piment.....	Peperone.....	Pieprz
Pumpkin.....	Potiron.....	Zucca.....	Bania
Radish.....	Radis.....	Ravanello.....	Rzodkiew
Salsify.....	Salsifis.....	Scorzanera bianca.....	Jarzy, Ostryga
Spinach.....	Epinard.....	Spinacio.....	Szpinak
Squash.....	Courge.....	Zucca.....	Miekurz
Swiss Chard.....	Poiree.....	Bietola.....	
Tomato.....	Pomme d'Amour.....	Pomo d'oro.....	Pomidor
Turnip.....	Navet.....	Navone.....	Rzepa, brukiew

English	German	Spanish	Scandinavian
Asparagus.....	Spargel.....	Espárrago.....	Asparges
Beans.....	Bohnen.....	Habichuela.....	Boenner
Beet.....	Rübe.....	Remolacha.....	Roedbede
Cabbage.....	Kopfkohl, Kraut.....	Repollo, col.....	Kaal
Carrot.....	Carotten, Möhre.....	Zanahoria.....	Guelrod, Karrotter
Cauliflower.....	Blumenkohl.....	Coliflor.....	Bloomkaal
Celery.....	Sellerie.....	Apio.....	Selleri
Corn.....	Mais.....	Maíz.....	Mais
Cucumber.....	Gurken.....	Pepino.....	Agurk
Dandelion.....	Löwenzahn.....	Diente de león.....	Loevetand
Eggplant.....	Eierpflanze.....	Berengena.....	Aegplante
Endive.....	Endivien.....	Escarola.....	Endivie
Kale.....	Blätterkohl.....	Breton, Berza.....	Groenkaal
Kohlrabi.....	Knollkohl.....	Colinabo.....	Kaalrabi
Leek.....	Porree, Lauch.....	Puerro.....	Purre
Lettuce.....	Lattich, Salat.....	Lechuga.....	Salat
Melon, musk.....	Melone.....	Melón.....	Melon
Melon, water.....	Wasser-Melone.....	Sandía.....	Vandmelon
Okra.....	Ocher.....	Quimbombo, Gombo.....	Hibiskus
Onion.....	Zwiebel.....	Cebolla.....	Roedloeg
Parsley.....	Petersilie.....	Perejil.....	Persille
Parsnip.....	Pastinake.....	Chirivía.....	Pastinak
Peas.....	Erbsen.....	Guisante.....	Erter
Pepper.....	Pfeffer.....	Pimiento.....	Spansk Peber
Pumpkin.....	Melonen-Kürbiss.....	Calabaza Totanera.....	Graeskar
Radish.....	Radies.....	Rábano.....	Reddik-Radis
Salsify.....	Haferwurzels.....	Salsifí.....	Havrerod
Spinach.....	Spinat.....	Espinaca.....	Spinat
Squash.....	Kürbiss.....	Calabaza.....	Squash-graeskar
Swiss Chard.....	Beisskohl.....	Bleda.....	Blad bede
Tomato.....	Liebesapfel.....	Tomate.....	Tomat
Turnip.....	Weisse-Rübe.....	Nabo.....	Turnips

NEW IMPROVED HYBRID SWEET CORN

Golden Cross Bantam—86 Days

By far the most sensational golden sweet corn hybrid developed in the last few years. It was originated by Dr. Glenn Smith of Purdue University and was created by crossing two inbred lines. The height of stalk is 5 to 5½ feet. The ears average about 7 inches long and generally have ten or twelve rows of golden kernels. The ears are ready for the table about a week later than Golden Bantam. The greatest feature of this variety is its resistance to Stewart's Bacterial Wilt, a disease which has caused a great deal of damage to sweet corn in the last few years. Sweet corn hybrids obtained by crossing inbred lines are very uniform in time of ripening and in the size and shape of the ears. Golden Cross Bantam is exceptional in these respects.

½ lb., 20c.; 1 lb., 35c.; 5 lbs., \$1.55; 10 lbs., \$2.80

Green Cross—90 Days

Another midseason white sweet corn hybrid developed by Dr. Jones from the crossing of two inbred lines. The stalks are 5½ to 6 feet in height. The ears are about 6 to 7 inches long with 14 or 16 rows of kernels. This variety is of the Stowells Evergreen type, the ears being shorter and thicker than Redgreen Hybrid. ½ lb., 20c.; lb., 35c.; 5 lbs., \$1.55; 10 lbs., \$2.80.

Redgreen Hybrid—90 Days

This is another inbred hybrid white sweet corn of rare qualities, being the product of Dr. Jones of Connecticut. The height of the reddish stalks is 5½ to 6 feet. The ears average 7 inches in length and are attractively slim and well filled with usually 10 or 12 rows of high quality kernels. It is midseason in maturity. Besides the remarkable uniformity of this inbred hybrid, the husks on the ears are long, which helps to protect the kernels from ear worm injury.

½ lb., 20c.; lb., 35c.; 5 lbs., \$1.55; 10 lbs., \$2.80

LANDRETHS' GOLDEN SUNRISE—86 Days

This new variety of golden sweet corn was introduced by us in 1932, but originated on Long Island, sometimes called "The Land of the Sunrise Trail," hence the name, "Golden Sunrise." It was developed by our Mr. H. S. Mills in 1925 who was then employed by Cornell University, and since improved by him on Bloomsdale. It is a hybrid variety selected from a field cross between Golden Bantam and Long Island Beauty. The usual length of ear is eight inches and the ear tapers to a long slim point. The kernels are golden yellow in color, of fine flavor and quality, and their shape resem-

bles kernels of the Long Island Beauty. There are usually 10 or 12 rows of kernels. The stalk of Golden Sunrise is about the same length as Stowell's Evergreen, but is more vigorous, standing up better in dry weather, and showing more disease resistance than this variety or most of the early golden or white sweet corn varieties. This variety has been extensively tested in various parts of the United States. It is preferred to Golden Bantam because it has a larger ear, and is claimed to be a better variety. In some canning tests, it produced more cans of corn per acre than other golden varieties in the tests. In other experiments, this variety produced more marketable ears per acre than any other variety. Golden Sunrise will mature in midseason, coming about

a week after Golden Bantam. Because of its season of maturity, this variety is worthy of trial in all parts of the United States. Favorable reports on its performance have been received from many agricultural experiment stations. A number of tests have shown this variety to be very resistant to wilt, second only to Golden Cross Bantam in this respect.

½ lb., 20c.; lb., 35c.; 5 lbs., \$1.55; 10 lbs., \$2.80.

LANDRETHS' WHITE SUNRISE—86 Days

The description for Golden Sun-

rise fits this variety with the exception of the color of the kernel which is white. It is the selection for white kernels from the original cross of Golden Bantam and Long Island Beauty made in 1925 by our Mr. Mills. Growers of Stowell's Evergreen sweet corn have tried White Sunrise and many favorable comments have been received from all sections of the United States. Like Golden Sunrise, it has shown some resistance to adverse weather conditions and important prevalent diseases.

½ lb., 25c.; lb., 45c.; 5 lbs., \$2.00; 10 lbs., \$3.60

Spanish Gold—74 Days

This is a new early golden variety of sweet corn developed by Dr. D. F. Jones of Connecticut Agricultural Experiment Station. The stalks are 4½ to 5 feet in length. The ears are 6 inches long and have 10 or 12 rows of rich golden kernels. This variety is a week or ten days earlier than Golden Bantam and is somewhat more resistant to Stewart's Wilt disease than this variety or other early golden types.

½ lb., 20c.; lb., 35c.; 5 lbs., \$1.55; 10 lbs., \$2.80



Golden Sunrise

D. LANDRETH SEED CO.

Bristol-Penna

VEGETABLE,
GRASS

AND FLOWER
SEED



1784 ~ 1934

America's Oldest Seed House