Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
Hints on Growing for 1929

Outstanding Novelties
See description on pages 3 and 4

Morris & Snow Seed Company
Incorporated 1908

112 W. Seventh St. ~ Los Angeles
Between Spring and Main Sts.

M&S Petunia
New Dwarf Ruffled Giants
PKT-50 cts.

M&S New Lilliput Zinnia
Salmon Rose
PKT-25 cts.

M&S Wrexham Hollyhock Delphinium
PKT-75 cts.

M&S Larkspur
"La France"
PKT-50 cts.

M&S New Perennial Scabiosa
PKT-35 cts.
Gifts for All Occasions from Our Pet Department

Consult page 61 for Helpful Hints in giving Unusual Gifts on Christmas, Birthdays, Weddings, Anniversaries and any other old time the giving spirit is uppermost. A beautiful Bird Cage with standard—and the bird too. A fuzzy warm little puppy or a full-grown bloodhound. A long-haired cat that purrs loudly by the fireplace. Or a kitten that cries for its milk and plays with the baby—softly. These ARE Gifts. You will also find on page 61 a full list of pet food and remedies and a large list of supplies. Come in—the Pet Department and the whole store is interesting. You'll enjoy a visit to us—and don't forget you have to buy.

CUT FLOWERS—Prompt free delivery. Morris & Snow Bouquets are always CORRECT.

PLEASE READ BEFORE ORDERING

All prices in this Catalog are subject to change without notice.

PARCELS POST—Since the installation of the new parcels post law seeds, bulbs, tools, plants, and garden supplies (excepting poisons and liquids) may be sent by mail to all parts of the United States, including Alaska, Canal Zone, Guam, Hawaii, Porto Rico, and the Philippines. Packages are subject to a limit of maximum weight in the first and second and third zone of 70 pounds; in all other zones 50 pounds. The maximum size of a package is 84 inches for length and largeness of the girth combined.

ZONE RATES—May be had by applying to your postmaster, who will tell you which zone you are in with reference to Los Angeles, or upon application we will tell you if you supply us with the name of your postoffice.

FOR PARCELS WEIGHING 8 OUNCES OR LESS, containing seeds, plants, bulbs, roots, or books only, the rate of postage to all zones is 1c for 2 ounces or fraction.

PARCELS OF MERCHANDISE other than those enumerated above up to 8 ounces, the postage is l½c for each two ounces or fraction.

PARCELS OVER 8 OUNCES must be paid at the parcel post zone rate quoted below.

<table>
<thead>
<tr>
<th>Parcel Post Zone Rates</th>
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<tbody>
<tr>
<td><strong>Wt.</strong></td>
</tr>
<tr>
<td>In lbs. 1 &amp; 2</td>
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<td>25</td>
</tr>
</tbody>
</table>

On shipments weighing 20 pounds or more beyond the 2nd postal zone it is cheaper to ship seeds by express. As the express companies give a receipt for each package, it amounts practically to insurance without cost. We guarantee the safe arrival in the U. S. of all seeds shipped by express or insured parcel post.

TO FOREIGN COUNTRIES the parcel post rate is 14 cents per lb. Registration where possible is 10 cents. C.O.D. orders can now be sent to Mexico.

MEXICO SHIPMENTS—All orders sent by express to Mexico have an extra charge, as follows: Orders to the value of $5.00 to $50.00 require $1.00 extra, and orders above $50.00 require $2.00 extra for consular fees. All orders sent by parcel post are free of these charges.

ERROR IN THE FILLING OF ORDERS—We use the greatest care in filling, checking, and packing orders. Yet should anything be omitted we will promptly forward when advised. Keep a duplicate copy of your order for comparison.

REMITTANCES may be made by Express Money Order, P. O. Money Order, or Bank Draft; if stamps or cash, send in a Registered Letter. We must decline sending goods C.O.D. unless 25 per cent. of their value accompanies the order.

ACCOUNTS—Parties having no account with us—who order goods without remittance—must furnish satisfactory reference.

NON-WARRANTY

The Morris & Snow Seed Company gives no warranty, expressed or implied, as to description, quality, productivity, or any other matter of seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.
MORRIS & SNOW SEED CO.,
112 West 7th St., Los Angeles, Calif.

Please send the following goods as per address and instructions here-with, and for which find enclosed $__________________

To (Name)__________________________
(Miss or Mrs.)______________________

City____________________ County____________________

No.___ (R. F. D. or Street)__________________ State____________________

Express or Freight Station____________________

State your preference by Post, Express or Freight.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any Seeds, Bulbs, or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

MORRIS & SNOW SEED CO.

<table>
<thead>
<tr>
<th>Lbs.</th>
<th>Oz.</th>
<th>Pkt.</th>
<th>NAME OF ARTICLE WANTED</th>
<th>Price</th>
</tr>
</thead>
</table>

(Leave this space blank)
EXTRA ORDER SHEETS AND RETURN ENVELOPES FURNISHED ON REQUEST

<table>
<thead>
<tr>
<th>Lbs.</th>
<th>Oz.</th>
<th>Pkt.</th>
<th>NAME OF ARTICLE WANTED</th>
<th>Brought forward</th>
<th>Price</th>
</tr>
</thead>
</table>

POSTAGE

Garden Seeds priced by the packet, ounce, one-fourth pound and pound are postage paid. Hardware and Sundry Articles are not postpaid. In ordering one pound lot, add ten cents per pound for postage and packing, and on larger quantities apply parcel post charges.

DOMESTIC PARCEL POST RATES

<table>
<thead>
<tr>
<th>Zone</th>
<th>Distance</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Zone, Los Angeles or 50 miles thereof</td>
<td>7c</td>
<td></td>
</tr>
<tr>
<td>Second Zone, within 50 to 150 miles</td>
<td>8c</td>
<td></td>
</tr>
<tr>
<td>Third Zone, within 150 to 300 miles</td>
<td>9c</td>
<td></td>
</tr>
<tr>
<td>Fourth Zone, within 300 to 600 miles</td>
<td>10c</td>
<td></td>
</tr>
<tr>
<td>Fifth Zone, within 600 to 1000 miles</td>
<td>11c</td>
<td></td>
</tr>
<tr>
<td>Sixth Zone, within 1000 to 1400 miles</td>
<td>12c</td>
<td></td>
</tr>
<tr>
<td>Seventh Zone, all over 1400 miles</td>
<td>14c</td>
<td></td>
</tr>
</tbody>
</table>

Please do not ask questions on this Order Sheet, but kindly write them and all communications requiring an answer on a separate sheet of paper and enclose with your order. Be sure that your Full Name and Address are on Both Letter and Order.

This space is for remarks about your order.

We would appreciate a list of your friends interested in good seeds or nursery stock.
“Hints on Growing”

Calendar of Planting Operations

JANUARY


PLANTS of Aquilegia, Antirrhinum, Canterbury Bells, Carnation, Digitalis, Panyn, Pentstemon, Shasta Daisy, Stocks, Verbena.

FEBRUARY


FLOWERS—Seeds in open ground; Acroclinium, Antirrhinum, Calendula, Callispius, Centaurea, Early Flowering California Poppy, Larkspur, Linum, Lupin, Mignone, Nigella, Nemesia, Nigella, Polyphylla, Sunflower, Sweet Peas.

Sow in seed boxes—Balsam, Begonia, Coreopsis, Galillarda, Hollybrook, Hunnemannia, Lobelia, Mimiulus, Pentstemon, Petunia, Perennial Poppies, Salvia, Shasta Daisy, Stocks, Stocks, Verbena.

PLANTS of Aquilegia, Antirrhinum, Carnation, Canterbury Bells, DigitaUs, Panyn, Pentstemon, Shasta Daisy, Stocks, Verbena.

MARCH


FLOWERS—Seeds in open ground; Acroclinium, Ageratum, Alyssum, Antirrhinum, Arbutus, Amaranthus, Balsam, Brachycome, Butea, Calendula, Callispius, Carduus, Centaurea, Annual Chrysanthemum, Early Flowering Cosmos, Digitalis, Four o’clock, Gedia, Comphria, Gypsophila, Helichrysum, Larkspur, Linum, Lupin, Mignone, Mimetia, Nigella, Nemesia, Nigella, Phlox, Poppy, Scabiosa, Sunflower and Sweet Peas.


PLANTS of Begonia, Delphinium, Gerbera, Panyn, Romney Couler, Shasta Daisy and Verbena, Roses.

APRIL

VEGETABLES—Seeds of Asparagus seed, Beets, Beans, Carrots, Cabbage, Celery, Chives, Chervil, Corn, (Sweet and Field) Cress, Cucumber, Egg Plant, Kale, Lettuce, Melon, (Musk, Water, and Casabas) Okra, Onions, Parsley, Peas, Peppers, Parsnip, Potatoes, Sweet Potatoes, Pumpkin, Radish, Rhubarb Seed, Salsify, Spinach, (Summer) Squash, Tomatoes, TURNIPS.


PLANTS of Begonia, Chrysanthemum, Columbine, Delphinium, Gerbera, Panyn, Petunia, Romney Couler, Shasta Daisy and Vine, Seeds, Verbena.

MAY


PLANTS of Begonia, Chrysanthemum, Columbine, Delphinium, Gerbera, Panyn, Petunia, Romney Couler, Shasta Daisy and Vine, Seeds, Verbena.

SOW Vine Seeds.
### Plants to an Acre at Regular Distances Apart

<table>
<thead>
<tr>
<th>Distance Apart Per Acre</th>
<th>Lbs. to the Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 foot by 1 foot</td>
<td>2,722</td>
</tr>
<tr>
<td>2 feet by 2 feet</td>
<td>3,660</td>
</tr>
<tr>
<td>3 feet by 3 feet</td>
<td>4,590</td>
</tr>
<tr>
<td>4 feet by 4 feet</td>
<td>5,520</td>
</tr>
<tr>
<td>5 feet by 5 feet</td>
<td>6,450</td>
</tr>
<tr>
<td>6 feet by 6 feet</td>
<td>7,380</td>
</tr>
<tr>
<td>7 feet by 7 feet</td>
<td>8,310</td>
</tr>
<tr>
<td>8 feet by 8 feet</td>
<td>9,240</td>
</tr>
<tr>
<td>9 feet by 9 feet</td>
<td>10,170</td>
</tr>
<tr>
<td>10 feet by 10 feet</td>
<td>11,100</td>
</tr>
</tbody>
</table>

### Seeds Required to Sow One Acre of Ground

<table>
<thead>
<tr>
<th>Lbs. to the Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
</tr>
<tr>
<td>Barley broadcast</td>
</tr>
<tr>
<td>Beans Dwarf Bush-hills</td>
</tr>
<tr>
<td>Beans Dwarf Bush-drills</td>
</tr>
<tr>
<td>Beans Tall Pole-hills</td>
</tr>
<tr>
<td>Beet Sarrancino</td>
</tr>
<tr>
<td>Beet Sugar</td>
</tr>
<tr>
<td>Broccoli-drills</td>
</tr>
<tr>
<td>Buckwheat broadcast</td>
</tr>
<tr>
<td>Cabbage beds to cover an acre after transplanting</td>
</tr>
<tr>
<td>Carrot-drills</td>
</tr>
<tr>
<td>Cauliflower same as cabbage</td>
</tr>
<tr>
<td>Celery</td>
</tr>
<tr>
<td>Clover White alone for lawn</td>
</tr>
<tr>
<td>Corn Sweet or Field-hills</td>
</tr>
<tr>
<td>Corn Perennial or drills or broadcast</td>
</tr>
<tr>
<td>Cucumber hills</td>
</tr>
<tr>
<td>Egyptian Corn</td>
</tr>
<tr>
<td>Egg Plant</td>
</tr>
<tr>
<td>Endive</td>
</tr>
<tr>
<td>Flax (when wanted for seed)</td>
</tr>
<tr>
<td>Flax (when wanted for fibre)</td>
</tr>
<tr>
<td>Grass Bermuda</td>
</tr>
<tr>
<td>Grass Kentucky Blue (for pasture)</td>
</tr>
<tr>
<td>Grass Kentuck Blue (for lawn)</td>
</tr>
<tr>
<td>Grass Perennial or Australian Rye for meadow</td>
</tr>
<tr>
<td>Grass Perennial Australian Rye for lawn</td>
</tr>
<tr>
<td>Grass Orchard</td>
</tr>
<tr>
<td>Lettuce</td>
</tr>
<tr>
<td>Melon Water hills</td>
</tr>
<tr>
<td>Melon Musk hills</td>
</tr>
<tr>
<td>Melon Musk-hills</td>
</tr>
<tr>
<td>Mint</td>
</tr>
<tr>
<td>Oats broadcast</td>
</tr>
<tr>
<td>Oats drills</td>
</tr>
<tr>
<td>Onions Dry bulbs-drills</td>
</tr>
<tr>
<td>Ostra</td>
</tr>
<tr>
<td>Peas Drills</td>
</tr>
<tr>
<td>Peas broadcast</td>
</tr>
<tr>
<td>Peas drills</td>
</tr>
<tr>
<td>Peas hills</td>
</tr>
<tr>
<td>Peas pumpkin-hills</td>
</tr>
<tr>
<td>Potatoes hills</td>
</tr>
<tr>
<td>Radish Drills</td>
</tr>
<tr>
<td>Radish hills</td>
</tr>
<tr>
<td>Rye broadcast</td>
</tr>
<tr>
<td>Spinach Drills</td>
</tr>
<tr>
<td>Spinach hills</td>
</tr>
<tr>
<td>Squash Bush Varieties-hills</td>
</tr>
<tr>
<td>Squash Running Varieties hills</td>
</tr>
<tr>
<td>Tomato hills for dry bulbs</td>
</tr>
<tr>
<td>Turnip and Rutabaga Drills</td>
</tr>
<tr>
<td>Turnip and Rutabaga broadcast</td>
</tr>
<tr>
<td>Vetches broadcast</td>
</tr>
<tr>
<td>Wheat broadcast</td>
</tr>
<tr>
<td>Wheat-drills</td>
</tr>
</tbody>
</table>

### Sowing Table for the Garden

<table>
<thead>
<tr>
<th>Sowing Table for the Garden</th>
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</thead>
<tbody>
<tr>
<td>Artichoke</td>
</tr>
<tr>
<td>Asparagus</td>
</tr>
<tr>
<td>Beans Dwarf</td>
</tr>
<tr>
<td>Beans Tall</td>
</tr>
<tr>
<td>Beans Bush-drills</td>
</tr>
<tr>
<td>Beans Tall Pole-hills</td>
</tr>
<tr>
<td>Broccoli</td>
</tr>
<tr>
<td>Brussel Sprouts</td>
</tr>
<tr>
<td>Carrot</td>
</tr>
<tr>
<td>Cauliflower</td>
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<tr>
<td>Celery</td>
</tr>
<tr>
<td>Chicory</td>
</tr>
<tr>
<td>Corn</td>
</tr>
<tr>
<td>Cress</td>
</tr>
<tr>
<td>Cucumber</td>
</tr>
<tr>
<td>Endive</td>
</tr>
<tr>
<td>Eggplant</td>
</tr>
<tr>
<td>Kohlrabi</td>
</tr>
<tr>
<td>Lettuce</td>
</tr>
<tr>
<td>Melon Water</td>
</tr>
<tr>
<td>Melon Musk</td>
</tr>
<tr>
<td>Okra</td>
</tr>
<tr>
<td>Onion Seed</td>
</tr>
<tr>
<td>Onion Top Sets</td>
</tr>
<tr>
<td>Onion Bottom Sets</td>
</tr>
<tr>
<td>Peas Drills</td>
</tr>
<tr>
<td>Peas Bush-drills</td>
</tr>
<tr>
<td>Pepper</td>
</tr>
<tr>
<td>Pumpkin</td>
</tr>
<tr>
<td>Radish</td>
</tr>
<tr>
<td>Salsify</td>
</tr>
<tr>
<td>Sage</td>
</tr>
<tr>
<td>Spinach</td>
</tr>
<tr>
<td>Squash Winter</td>
</tr>
<tr>
<td>Tomato</td>
</tr>
<tr>
<td>Zucchini</td>
</tr>
</tbody>
</table>

2 Remarkable Bargain Offers in Flowers

### Flowers for Shady Situations

- **Achillea**, The Pearl
- **Aquilegia**, Hybrids
- **Balsam**, mixed
- **Begonia Luminosa**
- **Bells**, (English Daisy)
- **Campanula** (Canterbury Bells)
- **Coreopsis**
- **Calliopsis**
- **Digitalis** (Foxglove)
- **Lobelia**
- **Myosotis** (Forget-me-not)
- **Pansy**, fine mixed

One packet of each of the above. Value $1.25 for $1.00.

### Collection No. 2

#### Fast Growing Climbing Varieties

- **Balloon Vine**
- **Small Vine**
- **Canary Bird Vine**
- **Mina Lobata Vine**
- **Japanese Morning Glory**
- **Climbing Cucumber**
- **Australian Pea Vine**
- **Nasturtiums**

Attractive collection of eight fast growing climbers; just the thing for covering fences, outhouses and unsightly objects. Price 50c.
Novelties

We are giving you below a brief description of what we consider the outstanding developments or improvements made in flowers during the past year. With the world constantly looking for something new, many introductions are made every year but few have great merit. The novelties we are listing in the following pages and some of which are illustrated on our front and back covers have been thoroughly tested and have proved themselves of unusual worth.

Aster—New Single Giants of California

This aster was developed from the double giants of California and no doubt is destined to be as popular as its parents. The flowers are very large, often measuring 4 inches in diameter and their stems are from 18 to 24 inches long. The white blossoms greatly resemble Shasta Daisies but their great length of stem makes them much more graceful for cutting. In the garden, the single Giants of California add a charming note of simplicity among the fuller types of Asters. They come in the following colors: White, Rose, Light Blue, Purple, Lilac, Flesh—Packet 25 cts. Collection of colors, $1.00.

Try These from Seeds

The popular winter flowers Anemones and Ranunculus can be grown very successfully from seeds—probably more successfully than from bulbs. Seed should be sown in Spring or Summer in flats or better in seed bed partially shaded—to facilitate sowing rub seed with sand and sow, covering it lightly with more sand, then cover with burlap and water through it. Be sure it does not dry out if sown in summer months—should bloom the following winter. The following are new Strains.

Anemone Chrysantheflora Double

This is a comparatively recent introduction which is becoming deservedly popular—ninety per cent of the flowers are double and the range of colors is superb. Packet 50 cts.

Anemone Semi-Double—St. Bridgids

This is an anemone of Irish origin which produces a great percentage of semi-double flowers of a most pleasing range of showy colors. Packet 50 cts.

Anemone Single De Caen Mixed

Seed selected from a mixture of very showy colors which make it a wonderful cut flower. 25 cts per packet.

Dahlia Seed

The creation of new species of flowers is one of the most fascinating pastimes that the amateur flower grower can attempt. With a Dahlia seed we offer new seedling varieties of merit are possible to even the rankest amateur. Our seed is selected from the latest named varieties and hand polenized by one of the best known Dahlia growers on the Coast—100 seeds for $2.00. We can supply seed from the following varieties or mixed: Decorative, Paeony, Cactus, Pompon or Collarette.

Echium or Giant Torch Flower

A great curiosity on account of the enormous size of the flower spikes which often reach eight feet in height. These Mammoth Spikes are densely covered with small florets which range from pink to bright red giving the appearance of a flaming torch. If planted during the Spring or Summer will bloom the following Spring—Packet 25 cts. postpaid.
**Gallardia Portola Hybrids**

This superb new strain of Gallardias produces very large flowers of the richest red tipped with gold. Unsurpassed as a cut flower for it keeps a very long time. In bloom for many months making it very desirable for beds—Pkt. 15 cts.

**Grow Cactus from Seed**

With the present popularity of cactus all over the United States we have thought it advisable to offer to our many friends a special mixture of seeds of these desert plants collected from the arid regions in various parts of the world. This mixture contains many of the least known varieties—Pkt. containing 100 seeds, $1.00.

**Helichrysum—New Silvery Pink**

A soft, pleasing shade of delicate silvery cameo pink which is a heretofore unknown shade in the popular everlasting flower. The flowers are very large, being over two inches in diameter and owing to its color and size would prove very good commercially. Pkt. 25 cts.

**New Larkspur—“La France”**

We consider this new shade, which is the most lovely salmon pink, the most striking of all the many pleasing shades of the ever popular Larkspur. No garden will be complete without this new variety which produces particularly long spikes of a color that will captivate you. Per packet 50 cts. postpaid.

**M. & S. New African Marigold Improved Orange Prince**

The old garden favorite so improved as to size, color and perfect shape that you would hardly recognize it. Pkt. 15 cts.

**Petunia—New Dwarf Ruffled Giants of California**

This new development differs from our old strain in that the plants are not straggly but much more compact and more floriferous, therefore making much more desirable for beds and pot culture—per packet postpaid, 50 cts.

**Petunia—New Carnation Flowered**

We highly recommend this recent development of one of our foremost flower seed growers, as being a novelty of unusual merit. As the name implies the flowers greatly resemble a carnation in shape and doubleness. It grows to a medium height and is very floriferous, lending itself too for bedding or pot culture. We offer this in two shades—Deep Rose and Light Rose or Flesh—Packet 50 cts.

**Scabiosa Caucasica—Isaac House Strain**

A perennial scabiosa of an improved and much more vigorous strain which produces longer and better stems. The flowers range from a delicate mauve lavender to the darkest blue lilac and lavender predominating. Packet 35 cts. postpaid.

**Stocks—New Giant Imperial—Golden Rose**

A very valuable addition to this wonderful strain of stocks. The color is light rose enhanced by a pleasing golden effect toward the center of each floret. Packet 25 cts. postpaid.

**Stocks—New Giant Imperial—Antique Copper**

Rich Hellebore red overlaid with copper, the whole giving a very pleasing reddish antique copper effect. Produces a large percentage of doubles, individual florets being two inches in diameter and placed on long stems. Packet 25 cts.
M. & S. Pedigreed Flower Seeds

California, which long has been famed as the land of sunshine and flowers, has finally come into its own, and is not only producing the finest flowers in the world, but, also, the finest seeds. The growing of flower seeds is now a large industry in California, and the enormous flower seed farms at Lompoc, Guadalupe, El Monte, and Salinas, besides numeous others in the State, are attracting world-wide attention, and visiting experts from all over the world acknowledge them as the finest.

Most of our flower seeds are grown in California where our experts can be constantly watching the habits of growth, and selecting the best strains. There are flower seeds which, for various reasons, are not grown in California. These we obtain from Europe or from wherever they can be grown most successfully. Many years' experience has taught us where the best strains are procurable.

We have for many years catered successfully to the florists, nurserymen, and market gardeners, to whom, the obtaining of the best and newest strain is essential, so that our seeds can always be depended on.

Sowing the Seed. Sow in used boxes or beds in light sandy soil, covering very lightly, and keep constantly moist but do not water late in the day. (See directions "Success with Flowers.")

Aster Beetle. This beetle has caused some trouble and frequent dustings of fine ground tobacco is necessary to save the flowers and plants. If once attacked by the beetle, it causes much trouble and a mulch of tobacco dust will destroy these pests.

M. & S. American Branching Asters

GIANT AMERICAN BRANCHING. This type or class of Asters has become the most popular of all classes of asters, for late cutting, but is the latest of all to bloom. The flowers are of very large size, borne on long stems. We can furnish in all the separate colors as follows—at 10c per pkt.; ¼ oz. 40c.

White
Lavender
Shell Pink
Purple

M. & S. American Beauty Asters

IMPROVED GIANT AMERICAN BRANCHING TYPE. The aster without an equal in the incurring petaled types—growing 2½ to 3 feet, with strong upright branching habit. Flowers are extremely large and fully double, blooming a very long time. Plants coming in flower in July, will last in bloom till November. The Beauty Asters can be shipped without crushing, making it a valuable florist cut flower, as well as for the home garden. We feel proud to be able to again introduce new colors this year.

Azure Fairy
Lavender
White
Purple
Shell Pink

Single Asters

M. & S. American Brazen Asters

This is a novelty of great merit possessing the robust habit of growth which characterizes the Beauty type with the Crego type of flower; but larger and of a true non-lateral shape. Specially fine for cut flowers owing to the length of stems and the beauty of colors. White, Rose, Light Blue and Blue. Pkt. 25c.
General List of Flower Seeds

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

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

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

**A Quilegia (Columbine)**

**ABRONIA UMBELLATA.** Delicate rose, the "sand" verbena, beautiful native trailer. Pkt. 10c.

**ACANTHUS (Bear's Breech).** Stately ornamental perennial plants, remarkable for beautiful large foliage, good for background in mixed borders and the wild garden. Sow seed in bed or box and transplant. Pkt. 10c.

**ACRILINUM.** One of the most popular mental perennial plants, remarkable for "sand" verbena, beautiful native trailer. Pkt. 10c.

**AGERATUM MEXICANUM.** Very effective rapid growing border plant with fuzzy light blue flowers, 9 to 12 in. high. Pkt. 10c.

**AGROSTEMMA CORONARIA (Mullen Pink).** Stout erect growing plants with silver foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; flowering in July and August. Pkt. 10c.

**ANTIRRHINUM (SNAPDRAGON)**

**GIANT FLOWERING SNAPDRAGONS**

These brilliant garden beds, flowering prodigiously and continuously the first season from seed. Unusually effective bedding displays are made from these magnificent flowers, which grow about 1 to 4 feet high and are completely enveloped with beautiful flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous blooming qualities, ease of culture and independence of heat and drought, and pure, brightest colors, should entitle them to a permanent place in every garden. Although perennials, they bloom in 4 to 5 months from seed. The flowers are nearly double the size of the older sorts.

**ANTIRRHINUM MAXIMUM**

This is a new variety with the same habit of growth as the tall variety, but with flowery stems carrying flowers of magnificent size placed closely on the spike. We offer the following colors for the first time season:

- **The Rose.** Beautiful Rose.
- **Canary Bird.** Canary Yellow.
- **Cattleya.** Rosy Lilac.
- **Copper King.** Velvety Copper Scarlet.
- **Old Gold.** Golden Yellow.
- **Harmony (Orange).** Scarlet.
- **Fire King.** White.
- **Rose.** Yellow.
- **Mixed.** Black Prince.

Pkt. 10c; ½ oz. 25c.

**Anemone**

These beautiful Irish Poppy-flowered varieties produce in abundance large single, semidouble and double flowers, three to five inches across; a great variety of colors, from maroon and bright scarlet to flesh pink, and from lilac to purple; some are mottled, striped, ringed, etc. For cutting they are unsurpassed. They are hardy perennials, flowering from seed in about six months. If seed is sown in April they should commence to bloom by October and from them on will be in continuous bloom till the following March or April.

**ANEMONE—SINGLE** and **DOUBLE,** in fine mixture. Pkt. 10c.

**ANEMONE—JAPONICA.** The tall perennial growing anemone, a hardy variety growing about 3 feet high and blooming in large clusters.

- **Eleven.** Pink. Pkt. 10c.
- **Honorine Jobert.** White. Pkt. 10c.

**ANTIRRHINUM (SNAPDRAGON)**
Antirrhinum
(SEMI-DWARF)

ANTIRRHINUM. Semi Dwarf. Large flowering. A beautiful class very extensively grown in the east and Europe for bedding, these varieties produce as large flowers as the tall class, while the plants are of compact, bushy growth, about 1½ feet high and are completely enveloped in flowers throughout the year, any of the following colors separate, 10c per pkt; ½ oz. 25c.

ALPINA ATROCOERULEA. Purple blue. Pkt. 10c.
ALPINA SUPERBA. Blue and white. Pkt. 10c.
CALIFORNIA HYBRIDA. Large yellow flowers. Pkt. 10c.
CHRYSANTHA. Golden yellow, long-spurred. Pkt. 10c.
COERULEA. Rocky Mountain Columbine. One of the finest of our native American flowers. Sepals deep blue, petals white; about 3 ft. Pkt. 10c.
SKINNERI (Mexican Columbine). Very handsome and quite distinct; spurs and sepal long, crimson and light green, about 3 ft. Pkt. 10c.

Arctotis

ARCTOTIS GRANDIS. Pure white, lilac on the outside, 10c.
ARCTOTIS BREVISCARPA. Orange. Pkt. 10c.
ARMERIA MARITIMA (Thrift). Fine for borders. This is a favorite plant for edging; always in blossom and very hardy. Pkt. 10c.

Asparagus

ASPARAGUS PLUMOSA (Asparagus Fern). A very satisfactory plant for pot culture and decoration. Pkt. 10c.
ASPARAGUS SPRENGERI. The best and most hardy of the large percentage of the semi-double flowers, producing its gorgeous masses of beautiful, brilliant-colored, double flowers in the greatest profusion; of easy culture; succeeds in a rich good soil; tender annuals; 2 feet. Start the seed in March under cover or sow out-of-doors in May. To grow fine specimens they should not be closer than 1 foot apart. Scarlet. Pkt. 10c.

Balsam

DOUBLE CAMELLIA-FLOWERED (Lady Slipper). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored, double flowers in the greatest profusion; of easy culture; succeeds in a rich good soil; tender annuals; 2 feet. Start the seed in March under cover or sow out-of-doors in May. To grow fine specimens they should not be closer than 1 foot apart. Scarlet. Pkt. 10c.

Baptisia Australis

FALSE INDIGO. A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long. Bright blue; 2½ ft. Pkt. 10c.
BARTONIA AUREA. Blazing Star. A fine free flowering annual, native to California, with silvery gray foliage and great masses of large, bright yellow single flowers. Pkt. 10c.

Bellis

(ENGLISH DAISY)

A favorite perennial plant which will bloom throughout the year. The seed we offer is saved from the finest double varieties; easily raised from seed; usually sown in July or August; but can be sown in spring.

BELLIS—MONSTROSA. New double Giant Daisies. These come in white and pink and are the size of small asters, and are produced on stems, 6 to 8 inches long. Highly recommended for the border. Pkt. 10c.
MONSTROSA WHITE. Pkt. 15c.
MONSTROSA ROSE. A superb variety, producing but 12 to 15 flowers to the plant; but there are a extraordinary size; of beautiful bright rose. Pkt. 15c.
BELLIS MONSTROSA. Mixed. Fine quality. Pkt. 10c.
BELLIS—RED QUILLED. Semi-doubled. Pkt. 15c.
Brachycome
(Swan River Daisy)
IBERIDIFOLIA "BLUE STAR" (New). An annual, but in California it becomes a perennial, blooming continuously. Good hardy border plant. Pkt. 10c.

Ornamental Pepper
CAPSICUM CHERRY. A small cherry-shaped pepper, largely used for holiday fac¬

tory for winter cutting. Pkt. 10c.

CALLIOPSIS TIGER STAR. A very dwarf

Calceolaria
CALLIOPSIS BICOLOR. Improved new

did strain. 25c pkt.

Calceolaria Hydra B R I D A. (Tender

Calliopsis
CALLIOPSIS HYBRID CORONATA. A new

Calendula
CALCIOEA PROFUSA. 2 to 3 feet.

annual coreopsis, though practically proving peren¬

Calceolaria
CALLICOEA RUGOSA. True bedding

Candytuft
CANDYTUFT HYACINTH FLOWERED. The best variety for cutting, heads from 3 to 6 in. long. Pkt. 10c; oz. 80c.

Calliopsis
CALLIOPSIS BICOLOR. Improved new

Candytuft
CANDY TUFT LILAC.

Candytuft
CANDY TUFT CARLINE.

Candytuft
CANDY TUFT CRIMSON.

Candytuft
CANDY TUFT ODOURATA. White, sweet

Candytuft
CANDY TUFT MIXED COLORS.

Candytuft
CELSIA CRISTATA (Cockscomb). Free

Celosias
CELOSIA CHILDSI. "Woolflower." The

Celosias
CELOSIA CRYSANTHIFLORA (New). A most beautiful flower, the result of cross¬

Celosias
CELOSIA GRANDIFLORA (Peach Bells). A most beautiful flower, the result of cross¬

Coreopsis
Coreopsis

Coreopsis
COREOPSIS DURMONDII. An annual

Coreopsis
COREOPSIS GRANDIFLORA (Peach Bells). Undoubtedly one of the finest of the hardy Bells. Grows 2 to 3 ft. high, with large blue bells. Pkt. 10c.

Coreopsis
COREOPSIS ALBA. The white-flowered

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CELOSIA PLUMOSA (Feathered Cockscomb). Make fine plants for large beds or groups, and the plumed flowers can be cut and dried for winter bouquets.

COCKSCOMB—Thompson's Superb (Triomphe de l'Exposition). Of pyramidal growth, attaining a height of little more than 2 feet, and producing graceful, feathery plumes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt. 15c.

COCKSCOMB—Thompson Magnifica. Similar to the preceding in all respects except in color, which varies in the most magnificent shades, ranging from the clearest yellow to the darkest blood-red. Pkt. 10c.


COCKSCOMB—Plumosa. Mixed. Pkt. 10c.

Annual Chrysanthemums or Painted Daisy

These are becoming more popular every year and are not only grown for summer, but are quite as desirable for winter flowers, being hardy in So. California. Can be planted at intervals and had in bloom the year through. Of compact, thrifty growth, about two feet high. Large plantings are made in August, September and October for winter blooms.

Chrysanthemum Single Mixed. These are sometimes called Painted Daisies because of their bright colored flowers, which appear about 3 months from planting, coming in all shades and colors of flowers from yellow, buff, red and crimson blacked and rayed, making excellent flowers for cutting. Pkt. 10c; 1/4 oz. 15c.

Chrysanthemum Carinatum Tricolor. A large daisy-like yellow flower, with ring or ray center of maroon. Pkt. 10c; 1/4 oz. 15c.

Chrysanthemum Atrocoeruleum (Sultan). Deep scarlet. Rayed with yellow ring, and maroon center. 10c pkt.; 1/4 oz. 15c.

Chrysanthemum Bursideanum (Lord Beaconsfield). White, with rose-colored rays. Maroon center. Pkt. 10c.


Chrysanthemum Coronarium. Double white. Pkt. 10c.

Chrysanthemum Coronarium. Double mixed. Pkt. 10c.

Chrysanthemum Evening Star. Pkt. 10c; 1/4 oz. 25c.

Cineraria Hybrida

Magnificent and indispensable flowering plants for winter and spring decoration for the conservatory or window garden. The flowers measure 3 inches across, are white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of bloom. The Cinerarias are quite hardy in California and if planted out under shade, bloom to the greatest perfection. Seed may be sown in beds and boxes, carefully protected, and when large enough, may be bedded out or grown in pots. Sown in spring for winter flowers.

Cineraria—Giant Flowered Dwarf Hybrids. An improved large flowering class, with compact heads, many rich colors; a prize strain. Pkt. 25c.

Cineraria—Giant Flowered Dwarf Hybrids. An improved large flowering class, with compact heads, many rich colors; a prize strain. Pkt. 25c.

COSMOS DOUBLE CRESTED

Cosmos

This is one of the best-known fall flowers, but can be planted in California, at any time of the year. If planted in the spring it will not flower till fall, but if planted during the summer it will be more dwarf and flower about the same time, or if planted in late fall will bloom in the spring. Several new varieties have been added to this popular flower. Sown in beds or pots, open in shallow pans filled with leaf mold, equal parts, in deep box and cover seed very slightly. Cover seed very slightly.

COLEUS. Large-leaved, beautifully colored exhibition varieties. Pkt. 25c.

These are among our best annual native flowers. Sown in early fall they bloom in early spring, and can be kept in bloom nearly all the year. The following are garden hybrids of the old C. Elegans and grow about 3-1/2 ft. Each, per pkt., 10c.

Double Rose.

Doubled Crimson.

Single Pink.

Single Purple.

Single White.

Double Mixed.

Single and Double Mixed.
COSMOS KLODYKE, YELLOW. Smaller than Delphinium varieties and a late bloomer, but very showy and an exceptionally good keeper as a cut flower. Pkt. 10c.

COSMOS. New Early Flowering. White. Pkt. 10c.

COSMOS. New Early Flowering. Pink. Pkt. 10c.

COSMOS. New Early Flowering. Red. Pkt. 10c.

COSMOS. New Early Flowering. Mixed. This bloom 1 to 2 months earlier than the older varieties. Pkt. 10c.

New Double and Crested Cosmos
ANEMONE FLOWERED. A form as illustrated in picture. This is the original form, but is being constantly improved. We offer three distinct colors this year in the Crested type, but many of these will be of double form. They will vary considerably but are all charming dwarfs. White, Pink, Red and Mixed. Pkt. 15c.

Cosmidium
COSMIDIUM. Orange Crown. Very handsome annual, growing 1 1/2 to 2 ft. in height, flowers of golden yellow with broad circle of rich orange around the disc and carried on long stems well above the foliage. The plants produce a succession of bloom throughout the summer. Pkt. 10c.

Dahlias from Seed
CHOICE, Large-Flowering, Double Decorative, and Show Varieties, Mixed. Pkt. 15c.

CARTHASA DAHLIA. Double. Mixed colors. Saved from the choicest show varieties. Pkt. 15c.

Delphinium or Hardy Larkspur
GIANT HYBRIDS. A splendid race of these hardy garden plants. The seed has been saved from one of the choicest named collections in England, all carefully hybridized, so that plants, spikes and flowers of significant proportions will be produced. The individual blossoms are of immense size, semi-double and perfectly double, dressing the graceful, towering spires for 2 to 5 feet of their length. The colors and shades are wonderfully lovely and varied, ranging from pure white and most chastelavenders through the conceivable shade of blue to deep indigo and purple, several shades being blended in some of the varieties. These grow from roots 4 to 6 feet in height and there are but few plants that contribute so much to the beauty of garden or herbaceous border. By cutting off the spires immediately after flowering, these Delphiniums may be had in bloom for several months. Pkt. 15c.

DELPHINIUM, BELLA DONNA. Ever-blooming hardy Larkspur. With giant flowers, blooms often making stems 5 to 6 ft. high and flower spikes 2 ft. Most gorgeous sight when planted in clumps. This is we believe one of the grandest of the entire list. Light blue. Pkt. 15c.

DELPHINIUM BELLA DONNA HYBRIDS. These come in all shades of Blue, from very light to Purple; of medium tall branching habit rivaling the preceding variety of Delphinium, could be planted in bed and transplanted when 4 in. high. Plant 1 to 2 feet apart. Pkt. 15c.

DELPHINIUM, BELLAMOSA. Dark blue belladonna. Pkt. 15c.

DELPHINIUM B L U E B E L T H E R Y. (Chinese.) This is a new dwarf species with extremely attractive clusters of flowers. Pkt. 10c.

DELPHINIUM, CHINENSIS ALBUM. Pure dwarf white, fine for cutting, giant flowers and excellent variety. The coloring is very rare. Pkt. 15c.

DELPHINIUM FORMOSUM. Dark blue, fine perennial, and especially hard and attractive. Pkt. 10c.

DELPHINIUM CARDINALIS. A pure, bright scarlet, very fine and hardy. Pkt. 10c.

Carnations and Pinks
The splendid carnation of the florist is a very interesting plant to grow from seed, and it is not hard to culture. These can be sown in beds or in boxes at any time of the year, and they will bloom in four to six months after sowing. Young plants are perfectly hardy out of doors. The new race of Margaret carnations is an extra vigorous class, and blooms profusely. For masses of bloom few plants are finer and for pots also, their neat habit making them very suitable. Grown as annuals from seed sown in spring they are very satisfactory. Our seed of these varieties is especially grown for us in Europe.

True Carnations
CHAUBAUD'S EVERBLOOMING. Raised by a famous French specialist. Blooms in five months after being sown and continues to flower in the greatest profusion indefinitely. Mixed colors. Pkt. 25c.

Margaret Carnations
These are deservedly the most popular Carnations with amateurs as they begin flowering in a few weeks from time of sowing. The strain offered is of semi-dwarf, robust habit, requiring no artificial support, and producing on long, strong stems an abundance of large, double, beautifully fringed, highly-scented flowers. All the following varieties at 10c per pkt.

White
Dark Red
Royal
Scarlet
Mixed

Double Garden Pinks
DIANTHUS CHINENSIS FL. PL. China or Indian Pink. Blooms in clusters, flowers very double in a large range of bright colors, 3 oz. 20c; pkt. 10c.

DIANTHUS D I A D E M A T I C FL. PL. (Double Diadem Pink.) Beautiful double flowers mixed, of various tints of lilac, crimson, purple, to very dark purple with the outer edges fringed and nearly white. Per 4 oz. 10c; pkt. 10c.

DIANTHUS LACINIATUS. (Single Fringed Pink.) Large flowers, with fringed edges, in a great variety of colors and markings. Per 3 oz. 25c; pkt. 10c.

DIANTHUS NOBILIS. FL. PL. (Double Royal Pinks.) Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. 4 oz. 50c; pkt. 10c.

Cyclamen Gigantea
CYCLAMEN GIGANTEA. Red. Pkt. 25c.

CYCLAMEN GIGANTEA. Salmon. Pkt. 25c.

CYCLAMEN GIGANTEA. White with eye. Pkt. 25c.

CYCLAMEN GIGANTEA. Large flowered variety. Fine strain. Mixed; Pkt. 25c.

C. PAPILIO. New Butterfly Cyclamen. Fine strain. Pkt. 50c.

Dianthus
DIANTHUS—PLUMARIUS, Clove or Grass Pink. These very desirable sweet-scented, low growing, early blooming pinks are unequalled for the bordering of beds, automoble drives and the old-fashioned garden, and should be planted in quantities in any good garden soil with full sun, and in an open situation. Single mixed. Delicately fringed flowers. 1/2 oz. 25c; pkt. 10c.

DIANTHUS PLUMARIAUS SEMPERFLORENS. Plum Pink. Hardy class; very fragrant. Double mixed. Pkt. 10c.

Digitalis or Foxglove
Carnations and Pinks
Cyclamen or Christmas Pinks
C. PAPILIO. New Butterfly Cyclamen. Fine strain. Pkt. 50c.

Digitalis or Foxglove
The improved foxgloves are very showy, hardy, perennial plants for the garden and herbaceous border, are easy to grow and produce freely long spikes, standing 4 to 5 feet high, well furnished with Gloxinia-like flowers of various colors including white, cream, rose, purple and other shades all of which have beautiful throat markings, spots and blotches of purple, maroon, etc. They are more robust than the ordinary garden Digitalis having shorter stems and larger flowers. Pkt. 10c.

GLOXINIAEFLORA ALBA. White. Pkt. 10c.

GLOXINIAEFLORA. Purple. Pkt. 10c.

GLOXINIAEFLORA. Rose. Pkt. 15c.

GLOXINIAEFLORA. Finest mixed. Pkt. 10c.

Dianthus
DIANTHUS PRAXINELLA. (Burning Bush.) Derives its common name from the fact that it gives off a gas that flashes up momentarily when a match is applied without any injury to the plant. Per pkt. 10c.

Dictamus
DICTAMNUS PRAXINELLA. (Trachymene). "Blue Lace Flower." An old introduction, but long unknown. An Australian annual of great merit as a cut flower. Perfectly at home in California; grows 2 to 3 ft. high and profuse bloomer, flowers are sky blue. Pkt. 15c.

Diaspis COERULEUS. (Trachymene). "Blue Lace Flower." An old introduction, but long unknown. An Australian annual of great merit as a cut flower. Perfectly at home in California; grows 2 to 3 ft. high and profuse bloomer, flowers are sky blue. Pkt. 15c.
ESCHSCHOLTZIA ORANGE DAFNI FISH. A comparatively new and extremely showy annual from Namaqualand, South Africa. The plants of very neat branching habit, grows about 12 to 15 inches high, producing great masses of daisy-like flowers of deep golden yellow with a bright orange scarlet at the base. Pkt. 10c.

DIMORPHOTHECA HYBRIDS. Coming in all colors, of yellow, white and orange. Pkt. 10c.

ESCHSCHOLTZIA BALLET GIRL. One of the most popular California poppy yet produced, the color being a vivid orange scarlet. Pkt. 15c.

ESCHSCHOLTZIA MAUVE BEAUTY. A delicate new color previously unknown among Eschscholtzias, being a beautiful shade of pure mauve. Pkt. 15c.

ESCHSCHOLTZIA THORBURNI. Coppery orange. Pkt. 10c.

ESCHSCHOLTZIA VESUVIUS. Wallflower male. Same color inside as outside. Pkt. 10c.

Eremurus

EREMURUS BUNGELI. A remarkable plant with flower spikes to 8 feet and 1 foot thick. Very showy. Pkt. 25c.

EREMURUS SPECIOSUS (The Midsummer Daisy). An attractive perennial with large clear pale mauve flowers with bright golden centers. Excellent for cutting. Height 18 inches. Per pkt. 15c.

ERGON

ERGERON ANCURTICUM (Orange Daisy). A very pretty daisy-like flower of a pleasing shade of orange. Pkt. 15c.

ERGERON COULTERI. A white variety. Pkt. 10c.

ERGERON SPECIOSUS (The Midsummer Daisy). An attractive perennial with large clear pale mauve flowers with bright golden centers. Excellent for cutting. Height 18 inches. Per pkt. 15c.

Eryngium

ERYNGIUM AMETHYSTIUM. A splendid perennial-herbaceous plant, very hardy and blooms for long period. Treat same as Snata Daisy. Flower, stems and leaves are a rich dark purple amethyst blue. Grows about 3 to 4 ft. Excellent cut flower and very interesting. Pkt. 10c; oz. 35c.

California Poppies


ESCHSCHOLTZIA GEISHA. Petals prettily suave and mallow purple with orange streaks on the outside orange, crimson. Very beautiful. Pkt. 15c.

ESCHSCHOLTZIA THORBURNI. Coppery orange. Pkt. 10c.

ESCHSCHOLTZIA NEW HYBRIDS. Mixed. Pkt. 15c.

“Golden West” Poppies


ESCHSCHOLTZIA MANDARIN. A rich orange inside, while the reverse is orange scarlet, differing from Golden West as that variety is dark in center shading out to lighter yellow. Pkt. 10c.

ESCHSCHOLTZIA BALLET GIRL. One of the new introductions showing a Cochneal Carmine inside, while outside shades off to a creamy white at the edges. Pkt. 15c.

ESCHSCHOLTZIA TANGO. Bronzy red overlaid terra cotta. This rare color produces masses of daisy-like flowers of deep golden yellow with a bright orange scarlet at the base. Pkt. 10c.

Festuca

FESTUCA GLAUCA (Perennial). A “blue daisy.” Makes a splendid border along walks or beds, grows about 6 inches high and is quite hardy. Pkt. 15c.

Feldia

FELICIA ABIYSINIA—“Blue Marguerite.” Low growing shrubbery Herbaceous plant, sometimes called “blue daisy.” Makes a splendid border plant; also useful for pot culture. Pkt. 10c.

Festuca

FESTUCA GLAUClus (Perennial). A “blue daisy.” Very attractive, orange scarlet flower, grows 3 to 4 inches across, bright scarlet in color with long stiff stems, and a splendid keeper, making it unsurpassed as a cut flower. 10 seeds 15c.

Gerbera

GERBERA JAMESONI. “African Daisy.” A magnificent daisy-like flower, 3 to 4 inches across, bright scarlet in color with long stiff stems, and a splendid keeper, making it unsurpassed as a cut flower. 10 seeds 15c.

Gerbera JAMESONI. Hybrid Mixture. Novelties of the greatest merit, running in colors from white and pinks to the deepest scarlet. 10 seeds 10c.

Gailardia

These flowers are exceptionally large, often 4 to 5 inches across and show a great variety of color combinations. These magnificent Gailardias are hardly perennials, less coarse and more compact in growth than the older kinds and they produce a constant succession of flowers all summer and fall. When grown in large groups they are gorgeously effective. As pot flowers they are almost unsurpassed; the immense and brilliant flowers on long, self-supporting stems, “vase” handsomely and they last in water for days.

GALDARDIA

GAILLARDIA GRANDIFLORA. Splendid mixed. Pkt. 10c.

GAILLARDIA PICTA LORENTZIANA (Double). Very handsome flowers of remarkably easy culture. Pkt. 10c.

GAZANIA HYBRIDA GRANDIFLORA. Mixed. “Black-eyed Susan.” Most people are familiar with the old variety, but this new strain is a great acquisition as one can get all shades from white to deep orange. Pkt. 25c.

Geum

GEOUM-COCCINUM. Perennial. A very attractive, orange scarlet flower, grows 15 to 2 ft. high, blooms freely. The brilliant color of the flower makes it very desirable. Pkt. 10c.

GEUM. Mrs. Bradshaw. (New). Very useful for cutting. Pkt. 15c.

GEUM. Lady Stratheden. Flowers of a rich golden yellow, 8 to 10 inches. New. Pkt. 15c.

Gilia

These are mostly native California flowers and are very hardly blooming annuals and perennials. When sown in early winter, plants will begin blooming early in spring and continue throughout the summer if they are kept damp.

Gilia CAPITATA. Blue California native. Pkt. 10c.

Gilia ACHILLEANFOLIA. Bright blue, growing about 2 feet. Pkt. 10c; oz. 35c.

Gilia TRICOLOR (Birds eye). Pale Lilac, yellow towards the center. Pkt. 10c; or 35c.
GLADIOLUS LEMOINES. Finest mixed. Pkt. 10c.
G. CHILDSI. Robust class. Nothing is more easy of growth than these plants. Will bloom first year from seed. Sow in beds and transplant. Pkt. 10c.
GLAUCIUM. Homed Poppy. Perennials, 12.
GOLDEN GLOW. See "Rudbeckia."
GOLDEN FEATHER (Pyrethrum). This great diversity of shapes and colored fruits. Flowers when cut retain their beauty for some days in water. The flowers afford magnificent display when grown in masses.
PIPE GOURD. The variety from which the Smoker's pipe is made.
GOURDS
Ornamental climbing or trailing plants of great diversity of shapes and colored fruits, They should be planted in early spring. Each 10c per pkt.
PIPE GOURD. The variety from which the Smoker's pipe is made.
Dish Rag—two varieties.
Calabash shaped.
Dipper shaped.
Hercules Club (Teddy's Big Stick).
Mock Orange.
Balsam Apple (Mormodica).
Balsam Pear (Mormodica).
All varieties mixed pkt. 10c.
Godetias
Godetias are splendid free-flowering annuals for summer bedding, with heads of cup-shaped flowers, blooming for a long period. The flowers when cut retain their beauty for some days in water. The flowers afford magnificent display when grown in masses.
Each variety, pkt. 10c; oz. 35c.
GODETIA DUKE OF ALBANY. Dwarf, pure white. Grows about 1 foot high.
GODETIA LADY SATIN ROSE. Extra fine; new dwarf variety of beautiful habit and form. Pkt. 10c.
GODETIA MIXED TALL VARIETIES. Pkt. 10c.
for further varieties see bottom of column.
NEW DOUBLE GODETIAS. These are a brand new type, growing about two feet high; a cut spray resembling a spray of Double Azaleas; very effective cut flower, lasting for over a week. Each pkt. 10c; 3 for 25c.
Godetia Double Carmine.
Godetia Double Rose.
Godetia Double Mauve.
Godetia Double Mixed.
CRIMSON GLOW DWARF RED. 10c pkt., 54 oz. 25c.
GLORIOSA. Dwarf, dark red. 10c pkt., 54 oz. 25c.
DUKE OF FIFE. White spotted carmine. Pkt. 10c; 54 oz. 25c.
Ornamental Grasses
The ornamental grasses have graceful habits which add much to the charm and attractive¬ness of the flower garden. Many of them are very effective when used cut for table decorations and banqueters.
BRIZA MAXIMA. Quaking Grass. Pkt. 10c.
CHORIS BARBATA. For borders. Pkt. 10c.
DIPLOCHNE FASCIULARIS. Good for bouquets. Pkt. 10c.
ERAGrostis ELEGANS. Love Grass. Pkt. 10c.
FESTUCA GLAUCA. For edgings. Pkt. 10c.
PENNISETUM RUEPELLIANUM. Very fine. Pkt. 10c.
PAMPAS GRASS. Large plant producing large showy white plumes. Pkt. 10c.
PAMPAS GRASS (Roseum). Same as above but pink. Pkt. 10c.
POLYPODIUM MONSEPLENIUM. Graceful. Pkt. 10c.
SETARIA NIGRA. Graceful black spikes. Pkt. 10c.
MIXTURE of dwarf and semi-dwarf grasses. They make a very effective bed or border. Pkt. 10c.
Gypsophila
"BABY'S BREATH"
Pretty free flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.
GYPSOPHILA ELEGANS ALBA GRANDIFLORA. A very showy white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. Per oz. 25c; pkt. 10c.
GYPSOPHILA—DOUBLE
GYPSOPHILA PANICULATA. White flower¬es, fine for bouquets; one of the favorite hardy perennials, blooms first year if sown early 2 feet. Pkt. 10c.
Helianthus
A very satisfactory perennial, coming into bloom the first year from seed. The plant grows to a height of from 6 to 8 feet and has long narrow foliage. Comes into bloom last of August or first of September and makes a gorgeous sight, appearing like a veritable cloud of golden yellow flowers. Pkt. 25c.
HELIANTHUS GLOBOSUS. Large double globe, very showy, dark yellow, very effective for borders. Pkt. 10c.
HELIANTHUS. Red Sunflower. A very effective and striking variety of a rich chestnut red shading to yellow at the tips. Very satisfactory for cutting. Pkt. 10c.
Helichrysum Monstrosum (EVERLASTING)
The most popular of the Everlastings or straw varieties. They come in a variety of colors. The petals are of the shape of asters but of smaller size and make up bouquets either by themselves or in mixtures of other varieties of Everlastings.
Canary Yellow
Salmon
Golden Ball
Silverwhite
Crimson
Rose
Per Pkt. 10c
Kochia
ROCHIA TRICHOPHYLIA (Summer Cypress). Forms highly decorative bushes, foliage green, turning to red in autumn. Pkt. 10c.
Larkspur

**DOUBLE STOCK FLOWERING TALL BRANCHING.** This is the most popular variety and is grown by the acre for the flower market.

**Lathyrus Latifolius.** "White Pearl."


**New African Marigolds**

**Orange Prince.** This is an especially fine type of Giant branching for the flower market. Yields enormous flowers of the quilled form and yielding a large percentage of perfect double flowers of a rich orange.

**Lemon Queen.** Same as above but a light lemon color. Pkt. 10c; $0.14 oz. 50c.

**Marigold.** African mix. Pkt. 10c.

**French Marigolds**

**Dwarf French Double Mixed.** While not satisfactory as a cut flower they make exceptionally good bedding plants and can be had in bloom practically the year around. Pkt. 10c.

**Dwarf Legion of Honor.** A very dwarf single, extremely showy, bedding plant. Pkt. 10c.

**Dwarf French, Dark Brown.** Pkt. 10c.

**Dwarf French, Pistulosa-Lutea.** (Twisted petals.) Light yellow. Pkt. 10c.

**Tall French.** Double Mixed. Pkt. 10c.

**Mignonette**

**Golden Queen.** Pkt. 10c.

**Allen’s Defiance.** A fine strain of giant flowered, white variety. Pkt. 10c.

**True Machet.** One of the finest for florist use; large spikes of beautiful colors; orange to red. Pkt. 10c.

**Goliath.** This is by far the best Mignonette, surpassing even our selected strain of Giant Machet. The plants grow in fine pyramidal bushes the foliage in rich green, contrasting strikingly with the bright red of the flowers. The flower stalks are tall and strong, while the spikes are often 7 in. long and 2 in. in diameter. Mignonette delights in very rich (not freshly manured) soil, and requires frequent watering. Pkt. 10c; $0.14 oz. 50c.

**Goliath.** White. Similar to the above but with white florets. Pkt. 10c.

**Mimosa**

**Mimosa Pudica.** (Sensitive plant.) A small and very curious plant with pinnate leaves, deriving its name from the fact that when a leaf is touched it immediately folds up and remains so for some time. Pkt. 10c.

**Mirabilis**

**Mirabilis.** (Four o’clock.) An old garden favorite. In California it is perennial, and a very attractive plant as it is always in flower. Pkt. 10c.
Myosotis


LUTEUM. Yellow. PEARL WHITISH, also called “Moonlight.” SCHULTZI, Dark Scarlet, very dark leaved. VESUVIUS. The most gorgeous Apricot shade. IVY LEAVED. Mixed. KING OF THE BLACKS. Black-brown. FINEST MIXED. 1 lb. $1.50. MYOSOTIS STRUMOSA SUTTONII. A new NEMESIA COMPAETA. Triumph. A new IVY LEAVED MIXTURE. Deep green NEMESIA STRUMOSA. A remarkable strain of Giant Petunia. Petunias are of giant size and are borne in profusion—well-grown they measure 3 to 3 1/2 inches across—and they have a most gorgeous effect, many being blotched, spotted, marbled, veined, striped and blended with colors passing through reds, rose, pink, white, purple, and over an indescribable variegation. Mixed colors 3/4 oz. $1.00; 1 oz. $8.00. PETUNIA HYBRIDA. Mixed. Pkt. 10c.

NEMESIA DISSECTIFLORA. A new dwarf variety which comes in a great variety of bright colors. Should be planted in early spring for best results. Pkt. 25c.

Nemophila

NEMOPHILA INSIGNIS. Baby Blue Eyes. A California native of great merit for sow¬ing broadcast in shrubbery or in bulb beds. Pkt. 10c.; oz. 25c.; lb. $2.50. NEMOPHILA INSIGNIS. Mixed colors. Pkt. 10c.

Niegelia


Oenothera


Pansies

Our Pansies are the best strain we can secure and our many years’ experience with this plant assists us in selecting the best sources for our supply and the blending of varieties for our many mixtures. We have exhibited these at many shows and believe there are none to surpass them in size and beauty.

Cultural directions. Plant the seed in July and August under cloth cover, for fall and winter blooming; or in late fall for spring flowering. The seed should be covered very lightly, not over 1/4 inch, and kept cool and damp. When large enough, transplant.

MORRIS & SNOW SUPERB GIANT PRIZE PANSIES. A distinct new type of Pansies of greatest merit. The flowers are of giant size and are borne in profusion—well-grown they measure 3 to 3 1/2 inches across—and they have a most gorgeous effect, many being blotched, spotted, marbled, veined, striped and blended with colors passing through reds, rose, pink, white, purple, and over an indescribable variegation. Mixed colors 3/4 oz. $1.00; 1 oz. $8.00. PETUNIA. Single Red. Pkt. 10c.

GIANTS OF CALIFORNIA PETUNIA

Petunias

Once fairly started, the Petunias grow almost as easily as weeds and furnish bloom the entire year. The seed of the Double and Giant-flowered Petunias is made expensive by the great amount of labor involved in hand-fertilization, and it is well to handle seed and tiny seedlings with some care. Sow in beds or boxes of fine soil, and cover with sacking, cloth or glass at any time of the year. The common varieties may be sown broadcast where they are to grow. The seed of the double varieties has not so much vitality as that of the single sorts and needs a little more care in watering to be sure of germination. We have no better plants for borders, window-boxes, baskets and vases. They will grow in almost any soil and bloom profusely through long droughts. The newer varieties are of very brilliant colors.

PANPSY, Steele’s New Mastodon. An extremely large strain of grand colors. An elite mixture. This strain is grown in Oregon and the past season proved of great merit in our trials. We recommend it as equal to any European strain. Pkt. 25c.

IN NAMED AND SEPARATE COLORS

Last season our strains of Pansies were praised above everything grown for the market. Pkt. 10c.; 3/4 oz. 60c.

GIANT AZURE BLUE. Light blue. GIANT FIRE KING. Bright red and yellow. GIANT INDIGO BLUE. GIANT MAD. PERRET. Wine shades on white ground. Very fine. GIANT CARDINAL. Brilliant red. GIANT KING OF THE BLACKS. GIANT LORDE BEACONSFIELD. Purple, shading to lavender.

GIANT PURE YELLOW. GIANT PURE WHITE. GIANT WHITE. With eye; white flowers with large, deep violet spots on each of the lower petals. GIANT YELLOW. With dark center. GIANT GOLDEN QUEEN. Pure yellow.

M. & S. GIANT PRIZE PANSIES

Pansies

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PETUNIA GIANTS OF CALIFORNIA. A superb strain of single large flowered giants, ruffled and fringed. Pkt. 25c.

PETUNIA. Large flowered double fringed. Pkt. 10c.

PETUNIA HYBRIDA. Mixed. Pkt. 10c.


PETUNIA HYBRIDA. Inimitable Howard’s Star. Pkt. 10c.

PETUNIA ROSY MORN. A dwarf variety with rose-colored flowers. Pkt. 10c.

PETUNIA. Carmen Sylvia. Violet with white throat. Pkt. 10c.

PETUNIA. Large flowered double mixed. Pkt. 25c.

PETUNIA. Single Red. Pkt. 10c.

PETUNIA. Single Rose. Pkt. 10c.
Pentstemon

PENTSTEMON. Very ornamental plants that make a splendid effect in borders, or beds. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Grow in cool, shady bed and transplant. Perfectly hardy in almost any situation.

ALBA OCULATA. Pure white, claret eye.

DARK SALMON-ROSE.

Any of the above, per pkt. 10c.

LARGE FLOWERING PHLOX IN SPLENDID MIXTURE. Including all the above shades and colors. Pkt. 10c.

PHLOX. Large Flowering Dwarf Snowball. A fine white. Pkt. 10c.

PHLOX. Large Flowering Dwarf Fireball. A deep scarlet. Pkt. 10c.

PHLOX DECUSATATA. The Perennial Phlox. Plants don't die, but bloom first year, and after blooming cut stem down and they frequently bloom again the same year. Pkt. 15c.

Platycodon

(CHINESE BELL FLOWER)

One of the best hardy perennials, producing very showy flowers the whole season. They form large clumps and are excellent for planting in masses for borders, or among shrubbery, easily raised from seed, which begins blooming in August if sown outdoors in April.

PLATYCODON (Balloon Flower, or Japanese Bell-Flower). Are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

GRANDIFLORUM. Large steel-blue flowers.

Pkt. 10c.

ALBUM. Pure white variety. Pkt. 10c.

Mixed. Pkt. 10c.

Poppies

(ANNUAL AND PERENNIAL)

POPPY, ICELAND. (Papaver Nudicaule). A hardy perennial blooming first year. Produces handsome flower clusters on slender stems in colors of white, yellow, deep orange, chamois, etc. Mixed. Pkt. 10c.

GIANT SHIRLEY. A great advance in single-flowering annual poppies. The flowers are immense, often measuring 3 to 5 inches across, the petals are fluted and crinkled and in the sunlight appear like rumpled satin. The plants are well branched, about 24 inches high, and they bloom in continuous succession for weeks. In color they run from delicate shades to deep crimson, many of them splashed, striped, dotted and edged. Pkt. 10c; oz. 25c.

A New Shirley Poppy of Merit

POPPY SHIRLEY. "American Legion." This new single Shirley is a dazzling orange scarlet of enormous size, borne on long stout stems. The plants are of very erect robust growth. Pkt. 10c.

POPPY. The Flanders. An old species, but having very showy varieties grown; large flowers; 4 to 6 inches across. Colors salmon, fiery-scarlet, rose, lilac and copper, pink, purple, blood-red, black, orange, etc. Mixed colors. Pkt. 10c.

POPPY. Double Cardinal. One of the most showy varieties grown; large flowers; 4 to 6 inches across, and when cut before bud opens lasts for days; color is a rich deep pink; no trace of Magenta—plants are semi-dwarf (about 3 ft.), and very robust. Pkt. 10c; oz. 40c.

POPPY. Giant Oriental Poppies. Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height 2 to 3 feet; flowers immense, often 6 inches across. Colors salmon, fery-scarlet, rose, lilac and copper, pink, purple, blood-red, black, orange, etc. Mixed colors. Pkt. 10c.

NEW GIANT ORIENTAL POPPIES. Pkt. 10c; oz. 25c.

POPPY TULIP (Glaucium). A large single flower of vivid scarlet, very hardy and good for sowing in fall and winter. A bed of these makes a gorgeous sight. Pkt. 10c; oz. 25c.

POPPY. "Carnation." A tall class of double flowered Poppies. Pkt. 10c; oz. 25c.

POPPY. Giant English Scarlet. A fine new scarlet flowered single, fine for bedding. Pkt. 10c; oz. 25c.

Poinsettia

POINSETTIA. Perennial plant reaching at times the proportions of a tree and producing the well known Christmas blooms. Suitable to climates similar to California. 5 seeds 10c.

Portulaca

PORTULACA. "Moss Rose." Is most desirable for borders or parkways, as it stands great heat and drouth; must not be sown till warm weather. Giant flowered. Double mixed. Pkt. 10c. Single mixed. Pkt. 10c.

Primula

(Primrose)

The charming and beautiful Chinese Fringed Primroses and obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of our most popular winter-blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in January, February, March, April or May. The hardy varieties are also deserving of wide cultivation.

POPPY GIANT ORIENTAL

PRIMULA CHINENSIS FIMBRIATA. Choicest mixed. This mixture contains nothing but the finest fringed, free-flowering sorts, and cannot fail to give entire satisfaction. Pkt. 25c.

PRIMULA CHINENSIS (Name Variety) Orange King Delicata (Pink) True Blue Mixed

Giant Salmon

King George (Crimson) Pkt. 25c
OBCONICA GRANDIFLORA. Hybrida. A choice bloomer, bearing on long stems, heads containing 10 to 15 flowers. Mixed colors. Pkt. 25c.

PRIMULA (PRIMROSE)

OBCONICA GIGANTEA FIMBRIATA. Hybrida. Fringed variety. Mixed. Pkt. 50c.

PRIMULA MALACOIDES ROSEA (Baby Primrose). This is the freest-flowering plant of the kind. The little plants throw up tiny flower stalks when only a few weeks old. These should be pinched off and the plants kept growing until October, and from then until late in spring they produce their sprays of beautiful rose-lilac flowers in seemingly never-ending profusion. Pkt. 25c.

PRIMULA JAPONICA (Japanese Primrose). These are not so well known as they deserve; they are of free growth, with dark green foliage, and throw up in late spring innumerable stems of large flowers, varying in color from pure white to rich crimson. They succeed under the same conditions as the common hardy Primroses, and are also useful for forcing under glass, making beautiful pot plants. Pkt. 15c.

VULGARIS (English Primrose). Flowers fragrant, canary-yellow color. Pkt. 15c.

PRIMULA ELATIOR. Showy, early spring, free-flowering plant. Fine for either pot or outdoor culture; hardy perennial. Mixed. Pkt. 50c.


PRIMULA KEWENSIS. Pure yellow. Very desirable for out-door culture. Pkt. 25c.

Pyrethrum (FEVERFEO)

The Pyrethrum is the plant from which is manufactured the many brands of insect powders—such as Dalmatia, Buhach, Persian Insect Powder, etc.—according to the company making same. The P. Roseum is the principal variety used, and a few plants of this in the garden is recommended. The best improvement on the older type in its tropical effect.

PYRETHRUM ROSEM. Single mixed. Largely used for cutting like Margarets. 10c pkt.

PYRETHRUM ROSEM. Double mixed. Pkt. 25c.

PYRETHRUM PARTHENIFOLIA. Golden Feather. Largely used for border around rock beds. I.S. 1000. Pkt. 10c.

Rehmannia

REHMANNIA ANGULATA (Perennial Calceolare). A hardy perennial, introduced from China a short time ago. Mat is a very decorative plant in the true sense of the word, and is well adapted for beds or pot culture. The flowers, which are rose purple with a white throat, spotted with red are produced in great abundance during the entire summer, and are valuable as cut flowers. We offer here some fine newly tinged and tigred hybrids. Per pkt. 25c.

Rhodanthe

RHODANTHE MACULATA. One of the finest everlasting flower similar to acroclinium but giving the appearance of little pink bells. The center is yellow with a small black ring which makes the flower very effective for everlasting bouquets. Pkt. 10c.

RICINUS ZANZIBARIENSIS (Castor Oil Bean). A new variety with immense leaves and stems of a reddish color, producing a very tropical effect.

Roselle

OR LEMONADE PLANT

HIBISCUS SABBARDIF. Jamaica Indian Sorrel. This is the plant that furnishes the "Roselle" or "Roselle Flower" of the trade. The flowers, which are borne on long wiry stems, are produced in great abundance during the entire season, and are valuable as cut flowers. We offer here some fine newly tinged and tigred hybrids. Per pkt. 25c.

Salvia

(SCARLET SAGE)

SALVIA SILENCIUM. A standard bedding plant that keeps the garden bright with color all year through. This plant lends itself to many uses; it makes a good pot plant, does well in the window boxes and is useful for cutting to give color to the table. It is as good for a hedge or border plant, where long, broad bands of intense color are desirable. Seed should be sown in box or pot and transplanted when large enough. Pkt. 10c; 1 oz. 75c.

CLARA BEDMAN (Bonfire). The plants are produced in great abundance during the first year from seed and succeeding well in partially shady place. A beautiful shade of Scarlet. Pkt. 10c; 35c.

SALVIA PRECOX. New dwarf, large flowered, early blooming scarlet sage. Much more dwarf than the common hardy varieties. Per pkt. 10c; 1 oz. 50c.

SALVIA ARGENTEA. Silver foliage, light blue. Pkt. 10c.

SALVIA FARINACEA. Light blue. Pkt. 10c.

SALVIA PATENS (Perennial). Flowering first year from seed and succeeding well in partially shady place. A beautiful shade of blue. Pkt. 10c.

"BLUEBEARD." This is a very attractive bedding plant growing 2 to 3 ft. high. Every part of plant is of clear deep blue, making a very attractive show in beds—this is best treated as an annual, blooming quickly from seed. Pkt. 15c.

Salpiglossis

GIN T EMPEROR. This strain is a very great improvement on the older type in its tasseled size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful pavings of gold. Separate colors. Pkt. 10c; 1 oz. 35c.

CRIMSON. Dark Scarlet and Gold. Pkt. 10c.

Burgundy. Scarlet and Gold. Pkt. 10c.

Black (very dark) Violet and Gold. Pkt. 10c.

Red Yellow Mixed. Pkt. 10c.

Schizanthus

SCHIZANTHUS (Butterfly Flower). An easily grown plant, bearing quantities of gay, butterfly-like flowers, closely resembling some species of Orchids. For winter blooming in pots the Schizanthus is one of the most desirable of all flowers.

SCHIZANTHUS JAPONICA. A new hardy perennial Schizanthus from Japan, forming large bushes 2½ to 3 feet in height and breadth, with clusters of scarlet flowers. Flowers 1 to 2½ inches across on long wiry stems from 15 to 20 inches in length, of a beautiful magenta or light-blue color. The plants are extremely free-flowering, produce their lovely flowers continuously from the end of June until late in the autumn. Pkt. 10c.

SCABIOSA—PEACH BLOSSOM

Two New Scabiosas

SCABIOSA HASTA. A pure white flower of enormous size measuring three and a half inches across and with extremely long stems. New and a great improvement over the old. Pkt. 25c.

SCABIOSA PEACH BLOSSOM. A beautiful shade of Peach Blossom Pink. Enormous size and long stems making it an excellent cut flower. Pkt. 25c.

SCABIOSA—New Silver Lavender. A great improvement on the old lavender, in fact one of the grandest of all the class; clear color without any trace of rose. Pkt. 10c; 1 oz. 50c.

SCABIOSA—Large flowering double. White Scarlet Yellow Rose Cherry Red Mixed Pkt. 10c.

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SCABIOSA—Large flowering double. White Scarlet Yellow Rose Cherry Red Mixed Pkt. 10c.
Solidago CANADENSIS. Golden Rod, an old garden favorite. Pkt. 10c.

Solanum HENDERSONI (Jerusalem Cherry). Thousands of these plants are used at the holiday season for decoration. They bear in great profusion, berries about the size of a small cherry and of an orange color. Pkt. 10c.

Stachys

Stachys ALPINA. A perennial plant resembling Dusty Miller; thick and hairy leaf. Pkt. 10c.

Stachys LANATA. A fine silver leaved plant; fine for edging or border. Hardy perennial. Pkt. 10c.

Statice

SINUATA. An everlasting flower which is increasing in popularity. The plants throw large sprays of flowers which may be dried and make fine winter bouquets. It may be planted both in the spring and late summer. The seed should be kept quite moist until germinated.

Bright Yellow Mixed White New Rose Pink. Pkt. 10c each.

CASPIA. A new variety having lovely blue minute flowers borne in long sprays, which is much used to mix with other flowers because of its dainty graceful effect. It is a hardy perennial flowering during the summer and early fall. May be grown as an everlasting flower and becomes white when dried. Seed may be planted in the spring or fall. Pkt. 10c.

LATIFOLIA. This variety produces large branching sprays of minute lavender-blue flowers that are invaluable for cutting. May also be dried and used with everlasting flowers. A perennial. Pkt. 10c.

SUWOROWII. Spikes of pink flowers make this variety attractive for pot culture as well as garden growing. Pkt. 10c.

PEREZI. A hardy perennial. The leaves are large and glossy and the flower stalk grows to a height of 2 feet or more above the leaves and is crowned with a mass of small violet blue flowers. This variety is popularly grown among shrubbery and as specimen plants. Pkt. 10c.

Stevia Serrata

STEVIA SERRATA. This is one of the finest cut flowers for making bouquets and is used by florists in great quantities. It makes a growth of 3 to 5 feet, and produces innumerable small white flowers similar to gypsophila which have exceptional lasting qualities when cut. Pkt. 10c.

Stokesia

STOKESIA CYANEA. The hardy blue "Cornflower Aster." This beautiful hardy perennial plant is not so well known as it deserves to be. No garden, large or small, should be without it. It is of the easiest culture, blooming the first year from seed, and succeeding in any open sunny position. The plants grow from 12 to 15 inches high and begin blooming in July and continue late in October, rendering them highly valuable for cutting, supplying a shade of color not over plentiful at any season of the year. Pkt. 10c.

Streptosolon

STREPTOSOLON JAMESONI (Madame Modjeska Heliotrope), (Browallia). Very largely grown in Southern California as a half climbing shrub and is quite common in Pasadena gardens. Deep orange yellow, and blooms in great profusion. Pkt. 10c.

Stocks

These are among the most popular of all winter blooming flowers. By planting in early summer they will bloom through the winter, or planted in late fall they will bloom through the summer. The Giant Imperial Stocks (Bismarck) require about four months to come to perfection, but the Brompton stocks require about seven or eight months, and are both quite hardy in this climate either for summer or winter. Seed should be planted in bed or box, and transplanted and kept in the best of culture, blooming the first year from seed. The seed should be without it. It is of the easiest estimation displaced the old fashioned Nice type because they are superior to them in every way. They grow from twenty-four to thirty inches tall, are very early and yield a very high percentage of double. This is the kind used for market.

Blush Pink Flesh Pink Fiey Blood Red Rose Mixed or Separate Colors, pkt. 25c; ½ oz. $1; excepting where otherwise noted.

LARGE FLOWERING TEN WEEKS' STOCK. Growing about 1½ ft. high, of very compact growth. Largest of flowers, with very small percentage of singles. This is an excellent strain for bedding. We have the following colors. Pkt. 10c; ½ oz. 40c.

Crimson Pink Yellow Light Blue Mixed Lavender

STOCKS, Brompton or Winter Flowered. The largest flowering of all the stocks, but requires 8 to 10 months to bloom from seed. We have this superb variety in the separate colors as follows at 10c per pkt., 3 for 25c; ½ oz. 50c.

White Bright Rose Lavender Pink

Sweet William

(DIANTHUS)
The old popular garden favorite. This should be planted before October 1st in order to bloom the following spring as it is a perennial and will not bloom the first year.

SWIFT WILLIAM. New Giant. Annual early flowering hybrid, blooming 3 to 4 months from planting. Among many flowerers of recent introduction there are none that have attracted more attention than this wonderful novelty. A true hybrid cross between the old Barbatus or Sweet William and Dianthus Lacinatus (or Annual Pink), and possessing a wonderful range of colors. Pkt. 10c.

SWIFT WILLIAM. Fine single mixed 10c pkt.

SWIFT WILLIAM. Fine double mixed. 10c pkt.
Swainsonia

Swainsonia. This is an Australian plant of the pea family, growing 2 to 3 ft. high and forming quite a compact bush. Perennial.

Swainsonia White. Pkt. 10c.
Swainsonia Rosea. Pkt. 10c.

Thalictrum

Thalictrum Dipterocarpum (Perennial). A new introduction of great promise, especially as a cut flower for florists use. It throws up slender stems, 2 to 3 feet high with loose sprays of small bell-shaped flowers of a beautiful shade of rosy mauve, which when cut, keep for a remarkably long time. Pkt. 15c.

Trollius

Trollius. "King of Buttercups" or Royal Buttercup, or Globe flower. A most beautiful species of hardy perennial. They are rather slow to grow from seed, but are well worth the time and trouble. The plant strongly resembles the perennial Delphinium but seldom grows over 18 in. high. Treat same, but some shade would be better, and even close to water, as they love boggy soil. New Hybrida. Pkt. 15c.

Verbenas

This is one of our finest hardy bedding plants, easily grown from seed. The seed should be sown in seed beds, and when large enough transplant to permanent place. Cover the seed very lightly, and cover bed for a couple of weeks with cloth or sacking, or cover the bed with a few branches to shade the ground.

Verbenae Gigantea. A new improved strain producing large umbels made up of florets each measuring an inch across. We have these in the following colors: Pkt. 15c; 1/2 oz. 65c.

V. GIG. Firefly. Scarlet with eye.
V. GIG. Lucifer. Vivid scarlet.
V. GIG. Mayflower. Clear pink.
V. GIG. Purple Mantle. Purple.
V. GIG. Stella. Violacea. Violet with eye.
V. Gigantea. Mixed.

Verbenae Mammoth:

Scarlet Defiance. Purple.
Italian Striped. White.
Auriculaflora. Pink.
Mixed or separate colors, pkt. 10c.

Viola Cornuta Hybrida

Admirabilis. The Tufted Pansies, or Violas, are rapidly coming to the front. A plant between the violet and pansy. Greatly improved of late until it has become one of the great European bedding plants. Blooms all the year around. Very much more hardy than the pansy. We have secured the following from European specialists:

Viola Cornuta. Yellow.
Viola Cornuta. Papilio, Blue.
Viola Cornuta. White.

Pkt. 10c.

Wild Flower Mixtures

California Native Wild Flower Mixture. This includes most of the above species; in fact, all of our natives that grow and thrive with little trouble. Pkt. 10c; oz. 50c; lb. $3.00. For larger quantities ask for quotations.

California Natives. For shade or partial shade. Pkt. 10c; lb. $4.00.

Wild Garden Mixture. While this mixture is not composed of native flowers alone, it is made up especially for our California conditions, and will give a longer duration of flowering than strictly natives. Pkt. 10c; oz. 25c; lb. $2.50.

Note culture directions for Mixtures. First it is advisable to plow or spade plot and thoroughly harrow or rake up. Sow 4 to 6 lbs. per acre and again harrow or rake seed in, and if early growth is wanted it is best to thoroughly irrigate before plowing.

Xeranthemum


“Say it with Flowers”
Exquisite designs for all occasions—Weddings, Birthdays, Congratulatory, Anniversaries, Gifts, etc.

Flowers sent by wire

Morris & Snow Bouquets are always correct
M. & S. Pedigreed Sweet Peas

Sweet Peas grow well on any soil, except heavy clay or pure sand. Soak seeds in water until soaked up, but never soak white seed. Work the soil at least 18 inches deep, two feet is better, with plenty of rotten stable manure. Cow manure is the best. Use some lime and steamed bone meal.

Tramp the soil down firm and never plant in loose soil. Take the hose and water down to the base, let stand a few days until moderately moist, but NEVER PUT THE SEED IN TOO WET SOIL. Rake off the surface nice and smooth, make rows and drop seeds not over two inches deep and two inches apart. Rake off again. DO NOT WATER UNTIL ALL THE SEED IS UP AT LEAST HALF AN INCH OUT OF THE SOIL. (Nine-tenths of the failures are caused by watering too soon.) When the seed is all up give a good soaking about once a week. It is better to keep moisture below than on top.

When all the seed is up, then at least six inches apart, if out doors cover the rows with old strips of wire netting to protect the young plants from birds. All birds like the tender shoots when just out of the ground.

Look from the start for Green Aphis. They are the greatest enemy. When you discover any, spray a solution of BLACK LEAF 40 at the rate of one teaspoonful to one gallon of soapy water.

STANDARD LATE FLOWERING SPENCERS

These standard sweet peas need no introduction, as they have been in popularity for many years. Our seed is CALIFORNIA grown and we list below only the varieties which we consider the most desirable for outdoor growing.

Late or summer flowering Spencer Sweet Peas should be planted during December, January, February for summer blooming.

FIERY CROSS. Cerise (Deep).
ILLUMINATOR. Cerise (Rose).
DEFIANCE (New). Cerise (Scarlet).
ROYAL SCOT. Cerise (Scarlet).
MATCHLESS. Cream.
MARGARET ATLEE. Cream Pink (Deep).
CRIMSON KING. Crimson.
ASTA OHHN. Lavender (Rosy).
OTHELLO. Maroon (Dark).
TANGERINE IMPROVED. Orange.
GEORGE SAWYER. Orange (Pink).
ELFRIDA PEARSON. Pink (Pale).
HEBE. Pink (Rose, Deep).
IMPROVED HERCULES.
HAWLMARK SALMON PINK. Pink (Salmon, Deep).
ROYAL PURPLE. Purple.
SUNSET. Salmon.
HAWLMARK SCARLET. Scarlet.
WHITE KING. White.
MIXED.

M. & S. Early Flowering Spencer Sweet Peas

These sweet peas which in California can be planted the year around for a succession of blooms, are identical with the late Spencers except that they bloom earlier—90 days from sowing. They are some times called Winter or Christmas flowering, and are a comparatively new introduction. They are not quite as vigorous growers as the late Spencers, but their proportion of bloom is larger and we believe they will eventually displace the late Spencers in frostless climates or where the growing season is very short.

The list given below contains only those varieties which have been found the hardiest and most desirable in each color. Be sure to say EARLY FLOWERING SPENCER when ordering. Pkt. 15c; oz. 90c in colors; 75c oz. mixed.

GLITTERS. Cerise Orange.
AVIATOR. Crimson.
ROSE DORE. Rose Pink.
ZVOLANEK’S ROSE. Rose.

OUR NEW SPENCER SWEET PEAS

HARMONY. Lavender.
MRS. KERR. Orange Salmon.
ELDORADO. Orange.
AMETHYST. Purple.
COLUMBIA. Pink and White.
OTHELLO. Maroon.
GRENAUDIER. Scarlet.
CREAM. Cream.
IMPROVED SNOWSTORM. White.
MIXED.

COLLECTION NO. 1

One packet each of any eleven of above Late Spencer varieties including “Mary Pickford.” Value $1.25 for $1.00.

COLLECTION NO. 2

One packet each of any nine of above Early Spencer varieties. Value $1.35 for $1.00. Collections are not included in our coupon order blank offer.
M. & S. Pedigreed Zinnias

The public would hardly recognize the old-fashioned flower in this new guise. The plants of this type produce many flowers of colossal size whose broad petals are closely imbricated and resemble a show dahlia.

The large size, fullness of petals, extraordinary range of colors and wonderful keeping qualities make this flower a joy in every garden.

MORRIS & SNOW SEED COMPANY

ZINNIA—NEW DAHLIA FLOWERED

IMPROVED DAHLIA FLOWERED ZINNIAS

EXQUISITE. By far the most pleasing of our collection. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose. (Tyrian Rose).

OLD ROSE. This is adequately described by its name, as it is of the real Old Rose Shade; it is large, and for charm and beauty we consider it ranks next to Exquisite.

ILLUMINATION. Similar to Exquisite, but a striking self color of deep rose. (Tyrian Rose). Definitely a pastel shade, and should be in every collection.

CRIMSON MONARCH. By far the largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit.

GOLDEN STATE. A very rich orange yellow (Cadmium). Yellow in the bud, turning to an attractive orange when in full bloom. The size of this flower has been notably increased over the Giant Pennisetums. The petals are distinctly imbricated and the flower from bud to bloom assumes a succession of graceful forms.

GOLDEN GEM. A marvelous production of extra large and more floriferous than other reds. The petals are distinctly imbricated and the flower from bud to bloom assumes a succession of graceful forms.

GOLDEN BALL. An immense deep creamy yellow. A very desirable flower, which should be included in every collection.

SCARLET GEM. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bicolor.

POLAR BEAR. A very large pure white, the best white yet seen in Zinnias. True Dahlia form.

ORIOLE. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.

DREAM. A fine, deep lavender, turning to purple (Mallow Purple) a new, desirable shade in Zinnias.

METEOR. A rich, glowing deep red (Spinel Red) and the darkest of all the red shades. Fine form, with good depth of petal. Very large and more floriferous than other reds.

SCARLET FLAME. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bicolor.

RED RIDING HOOD. 1 ft. Of compact form and covered the entire season with little button-like, intense scarlet flowers not over an inch across; as a border plant it is highly effective. Pkt. 10c.

LILIPUT MIXED. All colors. Each of the above, pkt. 10c.

PUMILA MIXED. All colors. Each of the above, pkt. 10c.

The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very bright scarlet flowers not over an inch across; as a border plant it is highly effective. Pkt. 10c.

Extra double flowers produced on regular dwarf plants.

GOLDEN BALL. 1 Pkt. Giant Mammoth Mixed

GOLDEN BALL. 1 Pkt. Gold Medal Mixed Dahlia Flowered

LILIPUT MIXED. All colors. Each of the above, pkt. 10c.

Special Collections

Five Packets Zinnias as follows:

1 Pkt. Gold Medal Mixed Dahlia Flowered
1 Pkt. Double Giant Mixed
1 Pkt. Giant Mammoth Mixed
1 Pkt. Pumila Double Mixed
1 Pkt. Lilliput Double Mixed
Or any 3 pkts. Dahlia Flowered, separate color. Your choice. Value 75c for 50c.

For the following varieties of Double Giants, Pumila or Lilliput. Your choice for 50c.
California and Mexican Native Flower Seeds

ADLUMIA (Alleghany Vine). A frail growing annual. Treated as a perennial. Stands best in shade, and is a beautiful flowering climber. Pkt. 10c.

ABRUS PRECATORIUS. A charming climber, with blue flowers, followed by bright scarlet seed with black eye; largely used for beads. Pkt. 10c.

AMELOPSIS VEITCHII. Japanese Ivy. Pkt. 10c.

ANTIGNON LEPTOPUS. (Rosa de Montana). Bears long racemes of small flowers of a beautiful shade of rose pink. Pkt. 10c.

ARISTOCHLIA ELEGANS. (Dutchman's Pipe). Pkt. 10c.

AUSTRALIAN PEA VINE. (Dolichos Lignosus). A very familiar plant with small foliage and small pink and white flowers. One of the best perennial climbers we have. Pkt. 10c.

ASPARAGUS PLUMOSA. A useful climbing plant, with small white flowers with pink and white flowers. Pkt. 10c.

BIGNONIA RADICANS. Trumpet Creeper. Pkt. 10c.

BALOON VINE (Love-in-a-Puff). A rapid growing annual climber; succeeds best in the light soil and warm situation; flowers white; seed vessels large and beautiful. Pkt. 10c.

CARYN. Vine. Yellow flowers and light green foliage. Pkt. 10c.

COBEA SCANDENS. Probably the most rapid growing perennial climber we have. Flowers maroon. Pkt. 10c.

CYPRUS VINE. An old garden favorite for covering fences or walls. Pkt. 10c; oz. 25c.

ESCHSCHOLTZIA—CALIFORNIA POPPY

IPOMOEA CARDINALIS. “Cardinal creeper.” Pkt. 10c.

LONGICUM. “Blue Pea vine.” A very hardy, pretty poppy-like flower growing about 2 feet. Pkt. 10c; oz. 40c.

BARTONIA AUREA. Too much cannot be said in favor of this vine. To those who are looking for a very fast growing vine for quick covering this is undoubtedly the best thing to answer the purpose. Planted in spring, by late summer it will have made a growth of 20 to 25 feet in the fall. Pkt. 10c.

BRITISH COLUMBIA. “Seaside Poppy.” One of our most useful and beautiful flowers for cutting, clear lemon yellow (2 ft.) hardy perennial, blooming in about 4 months. Pkt. 10c; oz. 40c.

BAY TREE. (Mentzella). One of our prettiest natives. Pkt. 10c.

BAY LEAF. A charming flower growing about 2 feet. Pkt. 10c; oz. 25c.

ESCHSCHOLTZIA (California Poppy). The popular wild flower known by every one. Pkt. 10c; oz. 35c.
When wanting seeds in large quantities, please write for prices stating the quantity desired.

Use our coupon order sheet. It gives you $1.25 worth for $1.00.

Asparagus

CULTURE. Being a perennial asparagus should be planted where it will not be disturbed for at least three years for private use, the row or rows should be established at one side of the garden patch, where it will not be in the way when cultivating the other parts of the garden. Asparagus requires a deep, rich, cool soil heavily manured and thoroughly tilled. Plant seed in beds or rows; cover about 1 inch. Keep watered and weeded first year, and if too thick in bed thin out to two or three inches apart, and you get better roots. After one year's growth they can be transplanted to rows three to four feet apart and one foot apart in the row. Although two years old plants are preferable for transplanting they will then produce the following year. Cultivation should be done early in the Spring before the shoots start and in the fall after "cutting" is over. Cut the foliage and one foot apart in the row. Although two years old plants are preferable for transplanting they will then produce the following year and if too thick in bed thin out to two or more feet apart. Plant seed where it will not be disturbed. It takes about 7,000 plants to set an acre. Asparagus requires a deep, well-prepared soil. Each bean should be about 2 inches apart in rows, 24 to 36 inches apart well-prepared soil. Each bean should be about 2 inches apart in rows, 24 to 36 inches apart.

Root Culture. Work your ground well to a depth of one and a half feet. Level up all over the patch and be a nuisance. Cover with heavy dressing of manure during winter. It takes about 7,000 plants to set an acre or about two pounds of seed. An ounce will produce 300 good plants.

Early Giant Argenteuil. This is the famous Paris Specialty. The stocks grow to a mammoth size. When well grown some weigh 4 oz. The head is slightly pointed with a tinge of purple. It is early and very vigorous. Pkt. 10c; oz. 20c; $1.25.

Connover's Colossal. Considered the best for market gardeners. Pkt. 10c; oz. 20c; lb. $1.25.

Palmetto. The leading and most popular variety for the home garden or market. The tender sprouts are green and its delicate flavor makes this variety the favorite for table use. Pkt. 10c; oz. 20c; $1.25.

Asparagus Plants. Ready December to April of the following varieties postpaid to 4th Post Zone. Price 25c doz. $1.50 per 100.

Globe Artichoke. Giant white tipped green.

Palmetto. Green. Smaller than the above but very popular variety.

Artichoke

CULTURE. Like Asparagus this is a perennial, so when planting one should put it where it is needed and not be moved from year to year. Sow seed from January to June and transplant to permanent place when about eight inches high. Plant the seed one inch deep in well-worked, damp loam soil. Artichokes do not come absolutely true from seed, some of the seedlings showing the original thorny type; however, when transplanting select only the plants having the smoother leaves and discard the others. Set plants 4 to 6 feet apart.

Selected Large Green Globe. The standard variety. Pkt. 10c; oz. $1.25.

GLOBE ARTICHOKE

PLANTS

Artichoke—Green Globe. Sucker divisions. These are taken from flower producing plants of selected strains. These were original from the Bay region, grown here. Price suckers, rooted, 20c each; $2.00 doz., postpaid.

Beans

Bush

Prices Quoted Are Postpaid

Prices on beans are subject to market changes. Ask for prices on large quantities.

Culture. While beans are a tender plant and in most parts of the country they are essentially a summer crop we find in Southern California that by using the Early and Hardy varieties, beans may be on the table from the last of May till well into December. Plant about two inches deep in well-prepared soil. Each bean should be about 2 inches apart in rows, 24 to 36 inches apart or in hills one foot apart, 3 or 4 seeds to a hill. Be very cautious and not cultivate deep after they begin to shoot up, especially after the first appearance of Aphis, spray with solution acts as an insecticide for Red Spider. At the first appearance of Aphis, spray with solution of Black Lead 40.

One pound of Lima beans will plant 200 ft. of row; use 60 lbs. to an acre.

Burpee's Stringless Green Pod. One of the best early varieties for Spring planting. Very prolific, round pod; can be planted early in March and up as late as September. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

Canadian Wonder. Flat pod; of good quality, a great favorite with gardeners, for canning, freezing, and for table use. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

Burpee Vegetable Catalogue 1919-1920
ASPARAGUS, OR YARD LONG BEANS.
A very prolific pole bean of excellent quality, producing magnificent crops of pods which measure from five to six inches long, in great profusion. Pkt. 10c.

KENTUCKY WONDER. Long, round pod. This is by far the most popular bean in Southern California, because here it is grown to perfection. Very prolific and all its merits make it one of the finest varieties grown. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

FORDHOOK BUSH LIMA
WHITE SEEDED KENTUCKY WONDER. A pole bean of great merit, claimed to be a heavier producer and more resistant to mildew than the common Kentucky Wonder, of which it has a similar growth and appearance except that it has white seeds. It bear's well into the Fall. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

KENTUCKY WONDER WAX. One of the most prolific beans grown. Commences to bear very early and continues to bear until killed by frost. A rapid grower and pods are solid and meaty; perfectly stringless, and when properly cooked are deliciously rich and buttery. April to August. By hail 10c per pkt.; 35c per lb.; 10 lbs. $3.30.

WHITE CREAMBACK. An early silvery green bean, the pods maturing very evenly, in clusters of from four to ten. A very good shipper. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

LIMAS, ETC.
LIMA BEANS. The beans are large and attractive. A very popular variety. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

THE "BURPEE - IMPROVED" produces magnificent crops of pods which measure from five to six inches long by one and one-quarter inches wide. As compared with Burpee's Bush Lima both pods and beans are very much larger. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid. Write for prices for quantities.

HENDERSON'S BUSH LIMA. The earliest of bush limas. It is small in size, but of high table merit and favor with housekeepers on account of its delicious flavor and great productivity. It bears until frost, and a small patch will supply a family. Postpaid. pkt. 10c; $4 lb. 20c; lb. 35c.

WINDSOR BROAD BEANS. A great favorite and a perfectly hardy variety being planted during the winter months, maturing in the spring. Pkt. 10c; lb. 30c, postpaid.

POLE LIMA BEANS
KING OF GARDEN LIMA. Beans of unusual size; quality perfect. Pkt. 10c; lb. 35c, postpaid; 10 lbs. $3.00.

CARPINTERIA GREEN SEEDED LARGE LIMA. The vine is very strong, of vigorous growth, with many large branches or runners, producing a great many fine pods which are closely filled with large beans. In shape the bean is similar to the Burpee's Improved. The pods contain from three to four beans. It is fine flavored and more tender when cooked than white seeded bean, and making it more pleasing to gardeners and housekeepers. It is the most perfect pole lima bean. Pkt. 10c; $4 lb. 25c; lb. 40c; postpaid.

MONSTROUS BUSH LIMA. This would better be called Monstrous Vining Lima because of its enormous size. It is more than a fifty cent piece. The Monstrous Lima makes such a vigorous growth that it is not profitable to plant them closer than eight or ten inches apart. It produces four or five pounds of seed to plant an acre. It takes the Monstrous Lima about five months from seeding to time of picking, so it is advisable to get them planted at least by May 1st. They are excellent both as green, shelled or dry beans. Pkt. 10c; lb. 60c; 10 lbs. $5.50.

FORDHOOK BUSH LIMA
LIMAS, ETC.
LARGE LIMA. The beans are large and attractive. A very popular variety. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

KENTUCKY WONDER
CROSBY'S EGYPTIAN BEET
row. Beets should be grown in light rich loam soil well worked. Water once a full night during cool weather and once a week during the warmer months. One ounce will sow 100 feet of drill.

BLOOD TURNIP. Smooth round roots of medium size with dark red flesh, fine grain, very sweet, and retaining its deep color when cooked. Tops are small and of uniform growth, the leaf, stems and veins being a dark red. It grows quickly and is of superior quality. Per pkt. 10c; oz. 20c; lb. 45c; lb. $1.25.

CRIMSON GLOBE. Crimson Globe has a smooth skin and very regular form. The flesh is a deep purplish crimson, sweet and tender. Plant during April, May and June. Pkt. 10c; oz. 20c; lb. 45c; lb. $1.25.

EXTRA EGYPTIAN. One of the most popular on account of its beautiful appearance and excellent flavor. Plant from September to May. Pkt. 10c; oz. 20c; lb. 45c; lb. $1.25.

ECLIPSE. A good-shaped beet with large top; very tender and sweet and of fine texture. Especially good for planting for May to August. Pkt. 10c; oz. 20c; lb. 45c; lb. $1.25.

DETROIT BLOOD TURNIP. A grand beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin, dark blood red; flesh bright red. Quality is of the very best sweet, tender and last¬ing. One of the best for the market garden. Plant from September to May. Pkt. 10c; oz. 20c; lb. 45c; lb. $1.50.

CROSBY'S EGYPTIAN. The earliest beet in the market. A selection from that standard market beet. Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others. Selected stock. Plant from September to May. Pkt. 10c; oz. 20c; lb. 45c; lb. $1.25.
**BEET—STOCK AND SUGAR**

**CULTURE.** In Southern California plant during the fall and winter in drills from 18 to 24 inches apart. When plants have third or fourth leaf thin to six to eight inches apart in the row.

**SWISS CHARD—LUCULLUS.** The plants grow to a height of 2 to 2½ feet. The stalks are as thick and broad as those of Rhubarb being one and one-half inches broad, heavily ribbed and from ten to twelve inches long below the leaf. These stalks are delicious when cooked at a split and in the same manner as asparagus. In the new Lucullus the leaves are larger and sharply pointed at the top, while the texture is heavily crumpled or "savoyed," more crisp, tender and of finer flavor. The leafy portion of the foliage is cooked and served in the same manner as Spinach. The leaves and stalks served as separate vegetables afford two distinct dishes from the same plants at one time. Per pkt. 10c; oz. 20c; ½ lb. 50c; lb. $1.50, postpaid.

**Brussel Sprouts**

**CULTURE.** Sow seed from July to October. Transplant when six to eight weeks old and treat same as cabbage. A half pound of seed will make plants enough for an acre. Spray with Black Leaf 40 to rid plants of Aphis. To kill Cabbage worms treat with Arsenate of lead or Paris green. 1 oz. of seed will produce 2000 good plants.

**DWARF IMPROVED.** Produces on the stem, compact sprouts resembling miniature cabbages. A delicious vegetable. Pkt. 10c; oz. 40c; ½ lb. $1.25; lb. $4.00.

**Broccoli**

**CULTURE.** Sow seeds in beds or rows in well prepared soil. When eight or ten inches high transplant to permanent place ½ to 2 feet apart in rows three feet apart.

**SAVOY CABBAGE**

Dust with arsenate of lead while plants are in the seed bed and again just before starting to head. If attacked by aphis spray with solution of Black Leaf 40.

**CANNON BALL.** An early white rounded cabbage of excellent flavor. Although the Cannon Ball cabbage is an early variety it produces a good-sized firm head with a small core and the leaves with small mid-veins making a fine grained sweet cabbage. By setting the plants 12 to 14 inches apart heads weighing from 3 to 5 pounds will be produced, but by setting them 18 to 24 inches the heads will range up to 10 and 12 pounds each. Cannon Ball cabbage will come in from two to six weeks earlier than the Winningstadt and will out-yield it any season. Each year the demand for Cannon Ball cabbage increases. Pkt. 10c; oz. 40c; ½ lb. $1.35; lb. $4.00.

**COPENHAGEN MARKET** is certainly a valuable new, early cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early cabbage in the markets of Copenhagen, and is becoming popular in America. Plants are short stemmed, producing heads almost on the ground. The light green colored leaves are medium in size, saucer shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all cabbages from Denmark, and an excellent keeper. Pkt. 10c; oz. 40c; ½ lb. $1.35; lb. $4.00.

**DANISH BALL HEAD.** One of the best of winter cabbages, heads round, exceedingly solid and excellent keeper. Pkt. 10c; oz. 40c; ½ lb. $1.35; lb. $4.00.

**EARLY WINNINGSTADT.** Imported. A superb strain of this popular cabbage, that has given perfect satisfaction to our market gardens for years. Pkt. 10c; oz. 35c; ½ lb. $1.20; lb. $3.50.

**SCOTT'S CROSS.** A pointed headed variety—a cross between early Winningstadt and Flat Dutch—with a broad base. Considerably larger than the Winningstadt, weighing from eight to ten pounds. Sure to head and a heavy yielder. Short crop. Pkt. 10c; oz. 50c; ½ lb. $1.65; lb. $5.00.

**BEET—STOCK AND SUGAR**

MAMMOTH LONG RED MANGEL. All stock eat it readily. This beet will resist alkali better than any of the other varieties. Pkt. 10c; oz. 10c; lb. 60c; 10 lbs. $5.50, postpaid.

**GOLDEN TANKARD MANGEL.** Contains less water and more sugar than any other mangel. Pkt. 10c; oz. 10c; lb. 60c; 10 lbs. $5.50, postpaid.

**LANE'S IMPERIAL SUGAR.** The heaviest cropping sugar beet, and the most profitable for stock farmers. Pkt. 10c; oz. 10c; lb. 60c, postpaid.

**VILMORINS IMP. SUGAR.** This variety is without question the best in cultivation; not the largest in size, but the richest in saccharine matter. Pkt. 10c; oz. 10c; lb. 70c, postpaid.

**GIANT HALF SUGAR ROSE.** This unites the large size of the mangel with the greater feeding value of the sugar beet. The roots average ten to twelve inches, and the outline is that of a broad thick wedge. The upper portions is of a soft bright pink, shading lighter toward the bottom where the lower portion for about one-third the length is white. The flesh is pure white, firm, crisp and very sweet. Highly recommended for stock purposes. Per pkt. 10c; oz. 10c; ½ lb. 20c; lb. 60c, postpaid.

**SWISS CHARD—SEA KALE**

**SWISS CHARD.** Sown for its leaves only. Planted and grown same as beets, but the leaves are taken off like Rhubarb and cooked the same as spinach. Also used for poultry green, being more desirable than alfalfa. Plant any time of the year in Southern California. "An Asparagus all summer." There are few vegetables which require less care during their growth or yield more certain crops. Pkt. 10c; oz. 20c; ½ lb. 45c; lb. $1.35.

Take advantage of our special coupon order blanks in front and back part of catalogue. They allow you an additional 25 cents in seed packets or ounces on a purchase of seeds amounting to no less than $1.00.

**CABBAGE**

**CULTURE.** Sow the seed thinly in beds, either in drills or broadcast from August to April. Care should be taken if too thick to thin out so as to avoid spindling plants. A half pound are seven or eight inches high. Transplant to field where they are to grow. Keep continually moist, never allow to grow dry, or they will most likely "shoot" to seed when watered again. The plants of small heading early varieties about 18 inches apart in rows two and a half feet apart and large headed varieties 24 to 30 inches apart in rows three to four feet apart. It requires about 7,000 plants to set an acre or about six ounces of seed.
CANNON BALL CABBAGE

DRUMHEAD. Savoy; a variety that is much prized in Europe and also by those who are familiar with it in this country. Well adapted for winter growth. It is very sweet and crisp and always tender. Pkt. 10c; oz. 30c; lb. $5.00.

CHINESE CABBAGE
Culture same as cabbage. We have two distinct types of this succulent vegetable. Chinese cabbage is becoming more popular each year and it is beginning to be shipped to eastern markets in considerable quantities.

LARGE WHA STALK OR CELERY CABBAGE. Grows eighteen to twenty-four inches tall, forming a looser head than the Hardy Winter variety. Excellent for poultry. Pkt. 10c; oz. 40c; lb. $1.25; lb. $4.00.

HARDY WINTER OR WONG BOE is the short leaved variety for shipping. Wong Bok makes a solid head about twelve inches long and five inches through. Pkt. 10c; oz. 50c; lb. $1.65; lb. $5.00.

Cannons

CULTURE. Although carrots are hardy after the plant is established, it is difficult to get a good stand unless the soil is well prepared and of such a nature that it will not bake, for the seeds are small and slow to germinate.

Carrots are sown the year around in deeply tilled, sandy, loam soil. Sow one inch deep in rows 15 to 20 inches apart. Thin out to 4 inches apart when plants are two inches high. Keep well cultivated and irrigate every two weeks. Two and a half pounds will plant an acre. One pound to 150 ft. of drill.

GUE RANDE OR OX HEART. Beautiful shape and color. The roots generally attain from four to five inches in length and about three inches in diameter. This is the market gardener's favorite. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

EARLY FRENCH FORCING. The small sort, extra early. Very sweet and tender. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

DANVERS. The roots are smooth. One of the best sort for main crop. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

CHAUTE NEY. The sweetest of all carrots, is of good shape and cylindrical, very smooth, and grows about six inches long, the flesh is entirely red, very sweet and almost entirely without a core. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

CULTURE. Although carrots are hardy and can be grown almost anywhere, they are not the best crop for areas with a short growing season. They prefer well-drained soil and full sun. Carrots should be planted in rows 4-5 inches apart and 1-2 inches deep. They require regular watering and should be harvested when they are fully grown and before the roots become woody.

Oxheart Carrot

AUTUMN GIANT. A large sort with compact head. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

EXTRA EARLY SNOWBALL. The very best for forcing and earliest in open ground. This variety combines all pedigree points, earliness, purity of color, dwarf habit, fine grain. This seed will produce cauliflower worth the highest market price. It cannot be sold cheap, but the shrewdest gardeners find it the most profitable. Pkt. 15c; oz. $1.00; oz. $3.50; ¼ lb. $10.00.

DANVERS. The roots are smooth. One of the best sort for main crop. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

CALIFORNIA PEARL. It is particularly adapted for shipping, the flower being completely enveloped within spiral curled leaves, thus avoiding injury in packing and retaining its fresh appearance longer than any other variety. It is the shipper's favorite. Per pkt. 20c; oz. $2.00; lb. $20.

CULTURE. Cauliflower is a hardy plant and should be grown during the cool seasons in good soil with plenty of moisture at the roots. Sow seeds of early and medium early varieties during May and June, however, there is considerable chance in growing Cauliflower so early as it needs cool weather during the heading periods, if the fall months are warm the Cauliflower will be small and strong tasting. Seed sown from August to September will supply the best heads. California Pearl and Dry Weather are used the most. Set plants of early varieties 18 to 20 inches apart and late varieties 20 inches apart in rows three feet apart.

EARLY SNOWBALL CAULIFLOWER

MORRIS & SNOW'S EARLIEST GIANT CAULIFLOWER. We selected stock from one of the largest and best growers, and is one of the finest early large headed Cauliflower on the market. For the past season we have given this to the most critical growers with the very best of results. This variety has a head considerably larger than the Snowball or Early Erfurt, and is well protected by the foliage. This is of Italian origin and does exceptionally well in this climate. Pkt. 10c; oz. $2.00.

MORRIS & SNOW'S GIANT SECOND EARLY. This is a very large, fine headed variety for the later season, and produces a head of the finest flavor and quality. Heads are well protected. Pkt. 10c; oz. $2.00.

Celeriac

TURNIP ROOTED CELERY
Celeriac is grown for the large turnip-shaped roots, which are steamed or used for flavoring soups. The plants are set six to eight inches apart, but are kept constantly hoed to encourage a large growth. Pkt. 10c; oz. 20c; ¼ lb. $1.20; lb. $3.50.

Celeriac

CULTURE. Sow the seed from January to May in shallow drills twelve inches apart, not too thick in the row to secure stocky plants when the plants are strong, transplant to furrows four feet apart and six inches deep. Set the plants six inches apart in the furrow; as the plants grow fill the soil around them for proper blanching. Instead of blanching by banking up as has formerly been the custom, 12-inch hoards are now used by placing them each side of the rows for a couple of weeks before harvesting the celery. In the home garden blanching may be done by wrapping each plant up to the leaves with paper. Spray every two or three weeks with Bordeaux Mixture to prevent blight and rust.

GOLDEN SELF-BLANCHING. (French grown.) This variety can be grown the year round and is a very profitable variety, especially in this locality. This seed is grown in France and from this quality produces celery 26 inches in height. You will find this grade will bring the highest price on the market. Oz. $2.50; ¼ lb. $7.00; lb. $25.00.

GOLDEN SELF-BLANCHING. (California grown.) This celery is grown from French grown stock and gives the same fine celery that it produced from the above French grown seed except that it grows a little larger. This is excellent for home gardens or local market supply. Pkt. 10c; oz. 20c; ¼ lb. $2.60; lb. $8.00.
WHITE PLUME. (California grown.) Its stock, inner leaves and heart are naturally white, so by simply drawing the soil up against the plant and pressing it in is all the work for blanching required. This is a very popular variety for market gardeners.

Giant Pascal. The largest of all; is a great favorite in the Eastern gardens. Pkt. 10c; oz. 35c; lb. $1.20; lb. $3.50.

Chayote

**CULTURE.** Plant the whole fruit placing it on a plant with the large end down, leaving a small portion of the small end above the surface of the soil. Cover the exposed part with straw or litter of some kind to protect it from frost. Do not give it too much water while the plant is getting started, but when the plant is well established give it a good soaking once a week or ten days.

A climbing plant, related to the cucumber family. A very rank growing vine—used for stock, inner leaves and heart are naturally white, so by simply drawing the soil up against the plant and pressing it in is all the work for blanching required. This is a very popular variety for market gardeners.

**METHODS OF COOKING.**

1. Fried like onions. Sliced very thin and served in many ways. Fried as Egg Plant.
2. Breaded—Slice, dip in egg and cracker crumbs and fry it.
3. Roasted: Halve lengthwise, remove seed, salt well, and bake in roasting pan with meat.
4. Boiled dinner. Cook with old-fashioned boiled dinner as you would carrots or turnips, of

**Corn**

*Prices quoted herewith are prepaid. Ask for prices on large quantities*

**CULTURE.** Plant as soon as danger of frost is past in moist rich soil 10 inches apart in rows three feet apart, except for late plantings. Plant the corn two or three by four feet in rows three feet apart, except for late plantings. Plant the corn two or three by four feet in rows three feet apart, except for late plantings. Plant the corn two or three by four feet in rows three feet apart, except for late plantings.

Corn worms are the caterpillar state of a moth that flies about at night and deposits its eggs on the corn silks as they first come out. The best remedy for corn worms is to dust the young silks lightly with dry arsenate of lead.

Chives

Chives are perfectly hardy perennial plants of the onion type. They are grown for their small leaves, which are produced the year round and are used for giving a mild onion flavor to various dishes. The tops can be shorn off close to the ground as needed. Roots per bunch 20c, by mail postpaid. Chives are also easily grown from seed. Sow in rows 2 to 6 inches apart as they begin to multiply. Pkt. 10c; 4 oz. 50c; oz. $1.50.

Chicory

**CULTURE.** Sow seed in early Spring; thin to 6 inches in row and keep well hoed. The dried roots are used as a substitute for coffee or used fresh as a vegetable.

**LARGE ROOTED.** Roots are dug up in the Fall, dried, cut in small pieces, roasted and ground; are used largely as a substitute for coffee. Pkt. 10c; oz. 40c; lb. $1.35; lb. $4.00.

Witloof Chicory. A delicious winter salad. Seed sown in spring out-doors produces parsnip-like roots which should be taken up in fall, trimmed and planted in a cool bed covered with about 8 inches of soil. Over this should be placed a layer of fresh manure two or three inches deep, which forces a new growth of tender leaves that are used as a salad. It is considered a great delicacy. Pkt. 10c; oz. 40c; lb. $1.30; lb. $4.90.

Collards

**CULTURE.** Same as cabbage. This is a form of cabbage grown in the southern states. One ounce of seed will sow 100 feet of drill; two pounds per acre.

Southern. A mass of leaves on a tall stem, which in the south grow all winter. Pkt. 10c; oz. 20c; lb. 60c; lb. $2.00.

Oregano Evergreen Corn

**SWEET CORN**

Extra Early Adams. The hardest and earliest corn for table use. It is not a sweet corn but on account of its earliness it is extensively planted both by the market gardener and for home use. It is sweet and tender, and very productive. Pkt. 10c; by mail, lb. 35c.

Oregano Evergreen. This has become a standard variety in Southern California and it certainly is worthy of the home gardener. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

Golden Bantam. A very dwarf extra early variety of a rich golden yellow; very sweet and fine. Highly recommended by Agricultural Schools and Experiment Stations. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

Early Minnesota. The old standby extra large sweet corn. An eight rowed corn maturing right after the very earliest. The best quality and the large white grains and its productive make it immensely popular. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

Black Mexican. One of the best sweet corns for this section. Deliciously sweet. It produces a good sized, well filled ear of fine flavored corn. It gives thorough satisfaction wherever used. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

Stowell’s Evergreen. Most popular of all sweet corn varieties. Large fine flavored ears come in abundance with deep kernels, white in color. Main crop or so. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

Country Gentleman. One of the most delicious and sweetest of all the sweet corns. A main crop variety. It is extremely productive. Its stalk averaging three ears and sometimes as many as five. Pkt. 10c; lb. 35c; 10 lbs. $3.00.
### FIELD CORN

#### YELLOW DENT VARIETIES

**CULTURE.** In Southern California corn may be grown as a second crop on damp or irrigated lands after a crop of hay or cotton. Irrigate your ground thoroughly as soon as your first crop is out of the way. Soil for corn must be deep and harrow well, then irrigate again and work up your land and plant your corn three kernels in a hill, hills two feet apart in rows three to four feet apart. For dry farming keep your soil well worked during the spring and fall. When cold weather is over plant your corn three by four feet apart, one or two stalks to the hill.

**IOWA GOLD MINE.** A large yellow dent corn, with large kernels and a small cob. A very heavy yielder. Lb. 25c, 10 lbs. $2.00, postpaid.

**MEXICAN JUNE.** The corn for the arid southwest. When the white man was a pioneer in Arizona and New Mexico, he tried to grow corn but failed. The country and climate were condemned; corn could not be grown, but thanks to the good work of the various state and federal experiment stations, we have the Mexican June. This has been bred up by years of selection from seed which has existed among the Indians from time antedating the Aztecs. Imperial Valley grows realized its merits ten years ago. In Arizona, New Mexico and Texas, it is low down where no other variety will thrive. Per lb. 25c; 10 lbs. $2.00. Write for quantity prices.

**GOLDEN BEAUTY.** The best yellow dent corn we have found for this section. Its large, broad, yellow dent corn has long ears covered to the extreme ends with bright golden yellow grains. The cob is small, making the product of shelled corn large. Exceedingly heavy cropper. Lb. 25c, 10 lbs. $2.00, postpaid. Ask for prices on large quantities.

**KING PHILIP OR LONGFELLOW, 90-MEXICAN JUNE.** The corn for the arid southwest. When the white man was a pioneer in Arizona and New Mexico, he tried to grow corn but failed. The country and climate were condemned; corn could not be grown, but thanks to the good work of the various state and federal experiment stations, we have the Mexican June. This has been bred up by years of selection from seed which has existed among the Indians from time antedating the Aztecs. Imperial Valley grows realized its merits ten years ago. In Arizona, New Mexico and Texas, it is low down where no other variety will thrive. Per lb. 25c; 10 lbs. $2.00. Write for quantity prices.

**IMPERIAL ENSILAGE.** A Yellow Dent variety that produces very long ears of 12 rows. It is a rank grower and very satisfactory for the silo. Per lb. 25c; 10 lbs. $2.00, postpaid. Write for quantity price.

**LONG GREEN CUCUMBER.** A rich, dark-green variety, turning white when ripe. When the plants show 6 inches of leafy tips with two plants to a hill, the plants are ready for picking. The fruit is about 14 inches long, 3 inches in diameter and 7 inches long, dark green, striped with light green about one-third the length from the blossom end. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

**IMPROVED LONG GREEN.** Dark green, firm and crisp, 12 to 18 inches long. Very extensively grown. Pkt. 10c; oz. 35c; lb. $2.50.

**JAPANESE CLIMBING.** This sort grows quickly, climbing poles or trellis, thus taking up very little room on the garden. The fruit is of good size and of fine flavor. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.50.

**KLONDYKE.** A favorite variety among our market gardeners. It is an improved strain of the famous White Spine. When suitable to ship the fruits average about 2 inches in diameter and 7 inches long, very dark green, striped with light green about one-third the length from the blossom end. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

**LEMON CUCUMBER.** This is a very nice sub-acid variety and considered superb as a salad. The fruit is small and in appearance similar to a lemon. Pkt. 10c; oz. 30c; lb. $3.50.

### Egg Plant

**CULTURE.** Sow seed in hot bed early in Spring. Transplant to boxes or cold frames when third leaf appears, setting plants two to four inches apart, or they may be put in small pots. Always keep plants from frost. After danger of frost is over set in permanent place two feet apart in rows four feet apart. Spray with Black Leaf 40 for Aphids and with Paris green or arsenate of lead for leaf beetle.

**NEW YORK IMPROVED.** Finest variety yet produced. Pkt. 10c; oz. 75c; 1/4 lb. $2.25; lb. $7.50.

**BLACK BEAUTY.** Fruit large, symmetrical in shape and uniformly of a rich, dark-purple color. Fruit matures a little earlier than our New York Improved, but are not quite as large. Pkt. 10c; oz. 75c; 1/4 lb. $2.50; lb. $7.50.

### Cress

**CORN SALAD**

**CULTURE.** Grow in rows sown rather thickly. Grow in the shade after cutting. Used in salads and for garnishing.

**FINE CURLED (Pepper Grass).** Quick growing; leaves finely cut and feathery like a good parsley; growth dwarf and compact; a much neglected vegetable which grows to perfection in California, also called Chicory and Escarolle. Per packet 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

**LONG GREEN CUCUMBER.** A rich, dark-green variety, turning white when ripe. When the plants show 6 inches of leafy tips with two plants to a hill, the plants are ready for picking. The fruit is about 14 inches long, 3 inches in diameter and 7 inches long, dark green, striped with light green about one-third the length from the blossom end. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

**MOSS CURLED WHITE.** Does not need blanching, the midribs being naturally of a pale golden yellow, almost white. Pkt. 10c; oz. 20c; 1/4 lb. 70c; lb. $3.00.

**ARLINGTON WHITE SPINE.** A rich, dark-green variety, turning white when ripe. When the plants show 6 inches of leafy tips with two plants to a hill, the plants are ready for picking. The fruit is about 14 inches long, 3 inches in diameter and 7 inches long, dark green, striped with light green about one-third the length from the blossom end. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

**BROAD LEAVED BATAVIA.** Broad, nearly plain; light green; best for soup. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

**BLACK BEAUTY EGG PLANT**

**CULTURE.** This vegetable is highly esteemed as a salad. Sow small quantities at different times to insure a plentiful supply, as these crops soon run to seed. When the third leaf appears, set out, four to six feet apart. The fruits are eight to ten inches long, firm, meaty, of good size and of fine flavor. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. $2.00.

**Endive**

**CULTURE.** This vegetable is highly esteemed as a salad. Sow small quantities at different times to insure a plentiful supply, as these crops soon run to seed. When the third leaf appears, set out, four to six feet apart. The fruits are eight to ten inches long, firm, meaty, of good size and of fine flavor. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. $2.00.
Garlic

CULTURE. Garlic is grown from the clove or cell of matured bulbs. Planting should begin during October in well prepared soil and may continue till the 1st of April, but the early set garlic gives better yield. Keep in growing condition by irrigating when necessary and cultivating and weeding. Harvest when the tops turn yellow. One pound will plant 150 feet of row 200 lbs. per acre. Lb. 35c, postpaid. Larger quantities are furnished at prevailing market prices. Please write for quotations.

Kohl Rabi

CULTURE. Kohl Rabi produces turnip like tubers just above the ground having the flavor of the heart or stem of cabbage but much more tender. It is essential that they are grown quickly and continuously otherwise they are tough and bitter.

Sow seed one inch deep where the plants are to grow during cool months, thin out when two or three inches high. One ounce will plant a 110 foot row.

EARLY WHITE VIENNA. The earliest sort, very tender, excellent for table use. Pkt. 10c; per oz. 30c; 1/4 lb. $1.00; lb. $3.00.

EARLY PURPLE VIENNA. Similar to above but has a purple color. Pkt. 10c; oz. 30c; 1/4 lb. $1.08; lb. $3.00.

GOLIATH (New). An Improved white variety; grows quickly to a large size and is very tender. Pkt. 10c; oz. 30c; 1/4 lb. $1.09; lb. $3.00.

Leek

CULTURE. Sow in drills one foot apart, half inch deep at all parts of the United States, when large as pencil, to 10 inches in the row. One ounce of seed to 100 feet of drills.

LARGE MUSSELBURGH. A very large growing variety, and a favorite with many. Pkt. 10c; oz. 35c; lb. $3.50.

MONSTROUS CARENTAN. A fine variety with dark colored leaves. Pkt. 10c; oz. 35c; 1/4 lb. $1.10; lb. $3.00.

Lettuce

CULTURE. Have the soil well pulverized and moist. Sow the seed in drills twelve or eighteen inches apart and not over half inch deep. Do not allow the seed to get dry after being sown (See "A Word About Soils"). When the plants are two inches high thin to being sown (See "A Word About Soils"). When the plants are two inches high thin to eighteen inches apart and not over half inch deep. One ounce of seed to 200 feet of drill.

ICERBERG. Large curly leaves, light green, with a very slight, reddish tinge at the edges. Delicious, crisp, nutty flavored heads, often reaching 8 to 12 oz. each. Icerberg can be planted the year round and is practically the only Lettuce that will head in all climates. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. $2.00.

NEW YORK SPECIAL or LOS ANGELES MARKET. To meet the demands of the shippers of winter vegetables, we went to the pickling houses at about $100 per ton. Doz. roots, 25c; per 100 roots, $1.25.

PARIS WHITE COS LETTUCE

Cos Lettuce or Romaine

These lettuces have a distinct upright habit and are considered by many to be the highest quality of all lettuces. Very crisp and sweet.

PARIS WHITE COS. Grows to large size. Self-closing. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. $1.75.

Use our coupon order sheet. It gives you $1.25 worth of seed for $1.00.

Mustard

CULTURE. Sow the seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow fifty feet of row.

GIANT SOUTHERN CURLED. Large variety forming a great mass of the beautiful yellow leaves, which are ruffled and finely curled on the edges. Pkt. 10c; oz. 30c; 1/4 lb. 40c; lb. $1.25.

WHITE ENGLISH. Light green variety, tender leaves. Seed light yellow. Pkt. 10c; oz. 15c; 1/4 lb. 25c; lb. 75c.
MUSHROOM BED

The following are suggested as embodying in a few words the basic principles underlying successful cultivation:

"Mushrooms may be grown in a shed, cellar, under the benches in green houses, in fact in any place where conditions of temperature and moisture are favorable or can be controlled. The proper temperature ranges from 53° to 65° F., with extremes from 50° to 68° F. The atmosphere should be moist enough to keep the beds from drying up, and a gradual renewal of the air, without draughts, should be provided for. Horse manure, properly composted by three or more successive turnings, is the best material for the beds. The object of the turnings is to expose the manure to the air and by oxidation transform it into cellulose, the form in which it is assimilated as food by the mushroom. The manure is piled in heaps about 3 feet deep and allowed to heat, care being taken to avoid overheating or burning. It is turned or forked over 3 or 4 times, at a week's interval, in such a manner as to bring the inside of the heap to the outside and thus secure a uniform oxidation. The manure is sprinkled at each turning but not drenched. When small quantities of manure are used, and a proper heating or composting of the material cannot therefore be obtained, it may be found advisable to admit some loam with it, about one-fourth or one-fifth and make up the beds after one or two turnings. The beds are made to a depth of about 13 or 18 inches. When the temperature of the beds has dropped to about 75° F. the spawn is inserted to a depth of from 1 to 2 inches, and tamped. When the spawn is "running," usually about 2 weeks after planting, the casing is substituted. Casing consists in applying a layer of screened loam (a calcereous loam to be preferred) from 1 to 1½ inches deep to the surface of the bed. The casing should be slightly moist. Mushrooms should appear from 5 to 10 weeks after spawning, and will continue to produce for a period ranging from two to three months."

Cultural Directions: (A small pamphlet.)

LAMBERT'S PURE CULTURE SPAWN. Produced from tissue cultures invigorated by fresh spawn. Each brick weighs from 1½ to 1¾ lbs. and will spaw from 50 to 80 feet of beds. We keep on hand the white variety which is generally preferred in the markets, but can supply the cream or brown varieties, if desired. Per brick 40c; 6 bricks $1.75; postpaid; by express or freight, 10 bricks, $2.75; 25 bricks $6.50; 100 bricks $24.00.

M. & S. PEDIGREE MELON SEED

MUSKMELON

NOTE—Melons require a strong fertile soil. The better condition you have your land the better melons you get. We earnestly recommend the sowing of a cover crop for the up-building of your soil light the Fall after the first rain, plow and harrow your ground and sow one of the cover crops or better yet plant Yorkshire Hero Peas and pick the first crop of two for market then plow the green vines deep. This will give nitrogen and humus to your soil in an available condition from which your melons will draw their nourishment the following season.

CULTURE. Sow in hills six feet apart in rows eight feet apart. Drop about 8 to 10 seed to the hill; cover one inch deep. Apply Tobacco Dust before the plant appears above the ground to keep away beetles. When the young plants begin showing characteristic each hill to two strongest plants. One ounce seed will plant 70 or 80 hills, two pounds to an acre.

Spray with Black Lead 40 for Aphis. MUSHROOM BED

CHAMPION MARKET. A splendid variety of the Netted Gem type, producing fruit nearly three times as large as the original Osage or Paul Rose; it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. Pkt. 10c; oz. 20c; 54 lb. 50c; lb. $1.50.

GOLD LINED ROCKYFORD. The best and most excellent melon we have ever seen. One of the original health lovers; the melons were of such fine texture and flavor and appetitizing appearance that they were soon known throughout Southern California. This is an ideal melon for either home garden or large acreage. Pkt. 10c; oz. 30c; 54 lb. $1.00; lb. $3.00.
Casaba Varieties

ARMENIAN. A fine melon of delicious flavor between the Casaba and muskmelon. The Armenian melon was brought here from the Holy Land by parties traveling there who were favorably impressed with its excellent flavor and good appearance. It has the shape of the Montreal Market, lightly netted with a dark green skin but with the keeping qualities of the Casabas. We can fully recommend this melon and advise a trial of it at least. Pkt. 10c; oz. 15c; ½ lb. $1.60.

GOLDEN BEAUTY. This melon is very similar to the Winter Pineapple except that it has a golden yellow rind. A fine keeper and eater. Pkt. 10c; oz. 25c; ½ lb. 75c; lb. $2.50.

HYBRID CASABA. This is the original variety of the Casaba (and has been a favorite ever since) first grown here. It is the wrinkled green one with somewhat of a cucumber flavor. It is being used very extensively for shipping East for the holiday and winter trade. When well packed with straw in crates they arrive at destination in fine condition. Pkt. 10c; oz. 25c; ½ lb. 75c; lb. $2.50.

WINTER PINEAPPLE. This is with the Old Armenian. A fine melon of delicious flavor with deep rich salmon colored flesh, which ripens from 18 to 24 inches long. Pkt. 10c; oz. 25c; ½ lb. 75c; lb. $2.50.

CHRISTMAS or SANTA CLAUS. This is a Hybrid Casaba. Our new Casaba. The Armenian melon was brought here from the Holy Land by parties traveling there who were favorably impressed with its excellent flavor and good appearance. It has the shape of the Montreal Market, lightly netted with a dark green skin but with the keeping qualities of the Casabas. We can fully recommend this melon and advise a trial of it at least. Pkt. 10c; oz. 15c; ½ lb. $1.60.

Watermelon

CULTURE. As soon as the weather becomes settled, about the first of March, select a rich sandy loam soil which has been plowed deep and well harrowed. Plant 6 to 10 seed one or two inches into moist soil, in hills 10 to 15 feet apart each way. When young plants show character, thin out to 2 or 3 best plants in each hill. Keep your ground well cultivated and free of weeds. The best flavored melons are grown without irrigation. One ounce to 50 hills; 2 lbs. to an acre. Apply Tobacco Dust or slacked lime before the plants come up to keep beetles away. Spray with Black Leaf 40 to control aphids.

KLONDYKE (Special). We have made arrangements with one of the best melon growers, Chas. Richardson, to save for us and put up under his own supervision, Klondyke watermelon seed grown from the original stock of which he has been carefully growing since this wonderful melon was first introduced. To our knowledge Mr. Richardson has been handling this particular lot with the best of care and we feel proud that he gives us this opportunity to offer the original strain of Klondyke in pound packages at $4.00 per lb.

KLONDYKE or PASADENA. Has certainly won favor in the San Gabriel Valley, but seemed to have failed in the coast melon district. This melon is oblong, of dark green rind with bright red flesh, very crisp, and as sweet as sugar. This melon has taken the market at Pasadena and other foothill towns. Pkt. 10c; oz. 40c; lb. $3.00.

IRISH GREY. A distinct and very valuable melon; wonderfully productive; will produce more good melons under the same conditions than any other variety; long, thick, uniform. Color of rind, yellowish gray, interwoven with thread-like veins; smooth, marble-like surface almost as hard as the citron. Flesh sparkling bright red, sweet and entirely free from hard centers or stringiness. Yet the flesh is very firm and compact. Will not break when sliced. One of the best shippers; average size, 30 pounds. Time for ripening, 85 days. Seeds white. Postpaid, pkt. 10c; oz. 10c; ½ lb. 50c; lb. $1.25.

ANGELENO. Is a cross from the famous Chilian. It is somewhat larger in size than the parent, but of equally as good shipping and eating qualities. The Angeleno is an unusually heavy melon. Its very dark green glossy skin in contrast with its dark red crisp flesh makes it a most tempting looking melon. Pkt. 10c; oz. 15c; ½ lb. 50c; lb. $1.50.

ALABAMA SWEET. This is a very popular variety in the South where they grow it in preference to any other melon in shape it is long, color dark green, flesh red and absolutely stringless. Pkt. 10c; oz. 15c; lb. $1.25.

FLORIDA FAVORITE. A favorite in San Joaquin Valley; fine, large, very fine flavored. Pkt. 10c; oz. 15c; ½ lb. 40c; lb. $1.25.

HALBERT HONEY. A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor, pulp entirely free from stringiness. One of the finest for the home garden. Pkt. 10c; oz. 15c; ½ lb. 40c; lb. $1.25.

TRUE ICE CREAM. Yellow fleshed. The great home market melon. It has too thin a rind for shipping unless packed in straw. Few, if any, surpass a True Ice Cream for quality and productiveness. Lb. $1.50; ½ lb. 10c; oz. 20c; pkt. 10c.

GEORGIA Rattlesnake. One of the oldest and most popular sorts and frequently known as Gypsy. A large oblong variety with dark green rind and being one of the most showy, is sure to please. Pkt. 10c; oz. 15c; ½ lb. 40c; lb. $1.25.

TOM WATSON. A Watermelon of superior shipping qualities with all the good points of a home garden melon. Tough thin dark mottled green rind, bright red flesh, which is deliciously crisp and juicy. Seedless melons weigh from 40 to 60 pounds and are from 18 to 24 inches long. Pkt. 10c; oz. 20c; ½ lb. 50c; lb. $1.50.

BLACK SEEDED CHILIAN. A variety brought from South America several years ago. It originally had black seed, but like other black seeded melons grown in this section, continually, the seeds have become almost entirely white. The black-seeded Chilian is much earlier than the other strains and seems to have a better flavor, and it certainly is a much prettier melon when cut open. We have procured some black seeded Chilian seed grown from the original stock, with the yellow belly, and we know all who try it will be well satisfied. Pkt. 10c; oz. 15c; ½ lb. 45c; lb. $1.50.

GEORGIA RATTLESNAKE.
Chilcan Varieties

RED SEEDED CHILIAN. A fine strain of this melon and much sought. Pkt. 10c; oz. 5c; lb. $1.50.

WHITE SEEDED CHILIAN. The strain mostly grown and a great favorite with the commercial growers. This we have in extra selected stock. Pkt. 10c; oz. 15c; ½ lb. 45c; lb. $1.50.

Black Seeded Angeleno

For several years it has been the ambition of most melon growers and seedsmen to perfect a Black Seeded Angeleno. There have been limited quantities of this variety at different times but never before has anyone been able to supply the seed of the Black Seeded Angeleno in quantities sufficient to plant large acreage.

The Angeleno has been one of the most popular melons on the Southern California markets. The dark green rind appeals to the buyer and attracts the attention of the consumer. The dark red flesh and excellent flavor of the melon pleases the consumer.

Although the rind is thin the Angeleno is a good shipper and will stand a haul of 200 or 400 miles in car loads and arrive in good condition.

Now we offer a melon with all of these merits with the added advantage of having black seed which makes it very attractive wherever a cut melon is exhibited, especially advantageous for restaurant and cafeteria trade.

BLACK SEEDED ANGELENO. Our seed is especially grown and saved for seed purposes; thoroughly ripened. Price pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $2.00, postpaid.

Write for prices on larger quantities.

Citron

CITRON, RED SEEDED OR COLORADO PRESERVING. A small, globular variety striped and marbled with light green. Flesh white and solid; seeds red. Used exclusively for pickles and preserves. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.50.

CITRON, GREEN SEEDED. An oblong dull green variety about eighteen inches long. The flesh is green with green seeds and is used largely for stock feeding. A common plan is to split them open with an ax and feed to cattle in the field. Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. $1.00.

Okra

SWEET SPANISH ONION

Onions

CULTURE. The most common method of culture is to drill seed thick in the rows quite shallow and rows from 18 to 24 inches apart. After plants are as large as pencils thin out to three to five inches, according to the variety, transplanting those taken out to the same distance, after cutting back the tops and roots. Or they can be grown thickly in beds and transplanted to rows. Can be sown any time of the year, and really there is no excuse why fresh onions cannot be had every day in the year. For early dry onions in the Spring, plant sets during the Fall, which can be supplied from July 15 to Oct., 45c per lb., postpaid. Silverskin onions. Pkt. 10c; oz. 30c; 54 lb. $1.00; lb. $2.50.

MAMMOTH SILVER KING. A large variety of the "silver skin" kind. Very mild and a fine table variety; good cropper and matures quickly. Pkt. 10c; oz. 5c; ¼ lb. $1.50; lb. $5.00.

SOUTHPORT WHITE GLOBE. A pure white globe shaped variety. Forms handsome onions with wax-like, pearl-white flesh. The best keeping white onion. Is used a great deal for green onions owing to the clear white stem. Pkt. 10c; oz. 5c; ¼ lb. $1.30; lb. $3.00.

SOUTHPORT RED GLOBE. A beautiful dark red globe shaped onion coming into favor. It is a better keeper than other red onions. Pkt. 10c; oz. 5c; ¼ lb. $1.00; lb. $3.00.

PRIZETAKER. A beautiful variety of large size; rich yellow color. Pkt. 10c; oz. 25c; lb. $2.50.

YELLOW GLOBE DANVERS. We have had grown for us by an expert grower, Yellow Globe Danver Onion which is absolutely the best grown in California today. Pkt. 10c; oz. 40c; ¼ lb. $1.30; lb. $4.00.

WHITE BUNCHING. This is an onion with a large neck especially used for young green onions; mild and sweet. Pkt. 10c; oz. 5c; lb. $5.00.

Onion Sets

Plant near the surface, in rows 12 inches apart and 4 inches between the sets. When raised from sets, the onions can be ripened off for large onions, in which case they are usually six weeks earlier than when raised from seed. Prices are subject to market fluctuations as the season advances.

ONION SETS. Can be furnished nearly the year round. Yellows and browns from Sept. to June at 35c per lb., postpaid. Silverskin sets from August to March at 40c per lb., postpaid.

BERMUDA SETS. Yellow and Crystal Wax can be supplied from July 15 to Oct., 45c per lb., postpaid. Special prices on large quantities.

WHITE VELVET OKRA

WHITE BUNCHING ONIONS
Parsnips

CULTURE. Work your soil well to depth of at least a foot. Sow from September to following May in drills 15 inches apart, covering ½ inch deep. When well up, thin out to 3 or 6 inches in the row. The seed is slow to germinate, hence should be sown in soil that holds moisture well. One ounce to 200 feet of row. Five pounds to an acre.

HOLLOW CROWN. The most popular and best variety for all purposes. Skin smooth and white, and flesh tender, while the root grows eighteen to twenty inches long. The best part of it is contained in the first eight inches from the top. It is particularly fine, smooth and regular. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $2.00.

Parsley

Sow the seed in moist loamy soil. Thin the plants to six inches apart in row or transplant to that distance. One ounce will produce about 600 plants.

Best results can be obtained by sowing parsley seed after December 1st and up to June 1st. When planted during Summer and Fall, it is liable to run to seed quickly.

CHAMPION MOSS CURLLED. Extra dark leaves. Leaves curled and curled. Pkt. 10c; oz. 20c; lb. $1.75.

EMERALD or DWARF EXTRA CURLLED. Leaves tender, beautifully crimped, handsome and full of flavor. Color: very green. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.75.

HAMBURG or TURNIP ROOTED. A plain-leaved variety, forming a long, thick, edible root. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.20.

Peas

ADMIRAL or SENATOR PEAS. A comparatively new pea to Southern California. Medium growth, branches heavily and abundant producer. The pods are decidedly curved. These peas are the sweetest of all variety grown here. A good shipper and very popular with the growers and dealers. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

EXTRA EARLY PREMIUM GEM or LITTLE GEM. An early dwarfed wrinkled pea, not so upright in habit as "American Wonder," but the vines, which grow 16 to 18 inches high, require no support, and yield great quantities of pods, 3 inches long, filled with peas of fine quality. Pkt. 10c; lb. 35c.

STRATAGEM. A semi-dwarf variety with large leaves and large pods. The peas are dark green, wrinkled, and of good quality. Of all the Peas we list and all of those we have tried we do not know of another variety so well adapted to most sections of our coast as Stratagem. The strain we offer is selected and every imperfect plant carefully rogued out, and we believe we have the very best strain that can be had anywhere. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

YORKSHIRE HERO. The most popular market pea in this section. Abundant cropper and excellent in quality. Pkt. 10c; lb. 35c; 10 lbs. $3.00.

DWARF GRAY or SUGAR. (Edible pods.) Of extraordinary yielding qualities. Unsurpassed as an edible podded variety. Height 2 feet. Pkt. 10c; lb. 35c, postpaid.

TELEPHONE. A fine, tall variety, immensely productive. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

LAXTONIAN (New). A large podded, extra early Pea of dwarf habit, growing less than a foot high. The pods carrying three to five large peas, are borne thickly on the plant. The Laxtonian will produce peas in seven weeks from planting. With us it is replacing all the old small podded varieties like Notts Excelsior, Premium Gem and American Wonder. Pkt. 10c; lb. 35c; 10 lbs. $3.00, postpaid.

DWARF TELEPHONE. This with the Stratagem are becoming our leading peas in Southern California. Dwarf Telephone bears large, green pods, very similar to the tall Telephone on plants 18 to 20 inches high. Pkt. 10c; lb. 35c; 10 lbs. $300, postpaid.

Pepper

CULTURE. Pepper seed should be sown in January in a warm hot-bed or in a box of rich soil in a sunny window of a warm room. One-half fine, rotted manure and one-half garden soil will make a fine seed bed. One-half fine, rotted manure and one-half garden soil will make a fine seed bed. Give plenty of air on warm days and use tobacco dust to keep off insects. Plant the open ground when frost is past, setting plants in rows three feet apart for large varieties and one foot apart in the row. Keep the soil loose and fine for frequent hoeings.

In front departments for winter pepper start the seed in August and set in the field in December and January.

ANAHEIM CHILE PEPPER

ROYAL KING PEPPER commences bearing early and continues until frost. The size is just right for shipping and very smooth. The flavor is mild and sweet. This new pepper is so far superior to the Ruby King that it will supplant it altogether in a few years. Pkt. 10c; oz. 80c; ¼ lb. $2.60; lb. $8.00.

LARGE BELL or BULL NOSE. A very large sort of inverted bell shape. Flesh thick, hard and less pungent than most other sorts. Most popular size for stuffing. Lt. 70c; oz. 80c; ¼ oz. 20c; pkt. 10c.

Pimiento. The great canning pepper. A top-shaped pepper with very thick meat; sweet and mild; can be used either green or ripe. Pkt. 10c; oz. 60c; per lb. $6.00.

MEXICAN CHILI. The old well known variety. Very hot. Pkt. 10c; oz. 50c; lb. $5.00.

RUBY KING (True). A great bell pepper of deep shiny red color, the fruit looking as though it might have been varnished. Pkt. 10c; oz. 80c; ¼ lb. $2.50; lb. $8.00.
Potatoes

Have your ground worked up at least ten inches deep and thoroughly pulverized. Cut the tubers into pieces of a walnut or an egg, seeing that each piece has at least one good live eye on it. Make the furrows four inches deep and three feet apart; in these drop the cut seed two pieces to a foot or fifteen inches. Fill the furrows with the young plants which will begin showing above the ground in three to five weeks. As soon as you can see the rows, commence cultivating to keep weeds and pests out. If necessary, furrow out for irrigation, which will be required at least three times for the summer crop and once or twice for the fall crop if there are no early rains. Hoe after each cultivation to kill the weeds between the plants.

Treat all seed potatoes with formaldehyde solution (5 per cent.) Sprout with Bordeaux Mixture for blight. If the leaves are attacked by beetles of any kind use Paris green or Arsenate of Lead in the spray.

For extra early spring potatoes plant Early Rose or American Wonder from November 15th to December 15th. For medium early crop plant from January 10th on, using Triumph or Six Weeks. Early Rose and American Wonder and for main spring crop use White Rose, British Queen or Burbank, planted from March 15th to 30th. After this time until the first of August small patches may be put in with varied success. August 1st to 15th will generally yield several pounds of fruit per acre, if put in before they become hard or woody. Boil them which ripens in Sept.

Prices of Potatoes on application.

EARLY WHITE ROSE. The best potato for Southern California. Does well in any soil at any season. We recommend this variety for main crop plantings.

AMERICAN WONDER. A medium early and heavy yielde when grown on good rich ground. The vines are robust grower and the tubers are quite solid. Pkt. 10c; oz. 20c; 54 lb. 60c; lb. $2.00.

BRITISH QUEEN (Blue Blossom White Rose). Heaviest yielde and best of the early potato variety, producing roundish white tubers. The vines are robust grower and the tubers are quite solid. Pkt. 10c; oz. 20c; 54 lb. 60c; lb. $2.00.

RHUBARB CULTURE. The seed should be planted as soon as the ground is warm, and should be planted in hills four feet apart and the rows about six feet apart. Cultivate the same as okra. There is an early and a late variety, and we offer only the early variety, as this one is sure to make a crop before killed down by the frosts in the fall. It is readily grown from seed and grows very rapidly during the warm weather. One plant will generally yield several pounds of fruit which ripens in Sept.

Making jelly the pods should be picked before they become hard or woody. Boil them until soft and strain through a cloth. Add 1/4 pint of sugar to each pint of juice. Juice will be found great soup to farmers with dairies large or small. It is a most excellent keeper and will be sure to sour up new and feed it liberally. Oz. 15¢; lb. $1.00.

SUGAR or BOSTON PIE. A small hand-some variety, and very popular. The skin is a deep orange yellow; flesh fine grained and sweet in taste. Famous in Boston, as a pie pumpkin. Oz. 20¢; lb. $1.50.

CALIFORNIA MAMMOTH. An enormous pumpkin weighing 150 lbs. each. Heavy yielders. Oz. 20¢; lb. $1.25.

IMPROVED EARLY SCARLET GLOBE. A desirable sort for hot-bed forcing and outdoors; very early, mild and crisp, juicy and tender; top small, will stand heat without becoming pithy. One of the best sell-Price. Pkt. 10¢; oz. 25¢; 1/4 lb. 80¢; lb. $2.50.

JAPANESE LONG SUMMER. Similar to the Mikado Radish but smaller and grows entirely in the ground with the leaves spreading but flat. Pkt. 10¢; oz. 25¢; 1/4 lb. 80¢; lb. $2.50.

WHITE TIPPED RADISH

CALIFORNIA MAMMOTH WHITE WIN¬DER. The well known and popular winter variety. Clear white, about 6 inches long and half stump-rooted. Keeps firm and crisp until it runs to seed, is a good cooking variety and when cooked the flavor resembles turnip. Pkt. 10c; oz. 20c; 1/4 lb. 55c; lb. $1.75.

"CRIMSON GIANT" or WURZBURGER FOREING. This new radish is an entirely new type, and differs radically from all the varieties hitherto in cultivation. In so far as its roots attain more than double the size of those of other forcing varieties, without getting pithy or hollow. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.50.

CHINA ROSE WINTER. A delicious radish, crisp, with little tendency to become pithy. A beautiful coloring from bright red at the top to almost pure white at the tip. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.50.

BLACK SPANISH WINTER, LONG. Grows to a large size, of oblong shape; quite solid. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $2.00.

ROUND BLACK SPANISH. Skin black, flesh white, of firm texture. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. $2.00.

EARLY SCARLET TURNIP SHORT TOP. Roots long, pinkish color; flesh white and crisp. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $2.00.

EARLY SCARLET TURNIP. (Selected Stock.) The finest strain of this most popular variety, the handsomely colored roots are most attractive in pick-arenth. They are ready in about 25 days, crisp, brittle and of choice quality. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.50.

SCARLET TURNIP, WHITE TIP. The earliest of all radishes. Bright scarlet color with white circle just above and including the slender tap root. Very sweet and crisp. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.00.

FRENCH BREAKFAST. A fine early variety, olive-shaped; scarlet body with white tips. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.50.

JAPANESE MIKADO RADISH. A fine variety for late summer planting. "The sweetest radish I ever ate." Long, white and very crisp. Pkt. 10c; oz. 25c; lb. $2.50.

RHUBARB ROOTS

GIANT CRIMSON WINTER. Each 15c; doz. $1.50, postpaid. Ask for special price on large quantity.
Salsify
VEGETABLE OYSTER

CULTURE. Sow the seed early in the Spring in drills one foot apart and for succession, every two weeks, as it grows thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 50 feet of drill.

PRICKLY SEeded SPINACH

Spinach

CULTURE. Sow in drills one foot apart and for succession, every two weeks, as it grows thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 50 feet of drill.

AMSTERDAM GIANT. An excellent new variety with unusually large leaves of the prickly type but thicker. The best we have seen in Spinach yet. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

LONG STANDING. A good sort for the market garden, as it is much slower in growing to seed than the other varieties. Pkt. 10c; oz. 15c; lb. 75c.

NEW ZEALAND. Perennial Spinach, can be grown the year round. Why don’t you try some of this? It produces spinach summer and winter. Pkt. 10c; oz. 20c; lb. $2.00.

PRICKLY SEeded WINTER. The hardiest of all and the most popular with the market gardeners. Pkt. 10c; oz. 15c; lb. 75c.

SUMMER SUCCESS. This variety has been tried out both in this country and in Europe, and has been found especially adapted to summer growth and particularly well suited to conditions in the southwest. The leaves are smooth with fine, deep green color. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

Squash

CULTURE. Plant 5 to 7 seeds in each hill. Have the ground very well worked and get the seed into the damp soil. Bush varieties have the hills 4 feet apart and running varieties hills 8 feet apart each way. One oz. of seed to 50 hills, 1 lb. to 2 lbs. to an acre. Plant seeds after danger from frost is over. Spray with Black Leaf 40 for aphids.

BANANA. Long keeping winter squash with skin varying from bright yellow to olive green. Flesh deep yellow, fine grained, firm and very sweet. The Banana squash may be used when young like a marrow or when allowed to ripen will keep better than a Hubbard. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. $2.00.

ENGLISH CROOKNECK SQUASH

The best of all the marrows; excellent flavor either green or ripe. When ripe it is about 10 inches long and 5 inches in diameter. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.50.

BURPEE’S FORDHOOK SQUASH. A very fine variety, strong vine and very productive. Fruits oblong in form; about 10 inches long, good for baking when mature, or cook young like summer squash. As sweet as sweet potatoes. Pkt. 10c; oz. 20c; lb. $1.50.

SUMMER CROOKNECK SQUASH

The leaves are smooth with fine, deep green color. Pkt. 10c; oz. 40c; ¼ lb. 1.40; lb. $4.50.

GOLDEN BUSH SCALLOP. Similar to the White Bush but a golden yellow color. Oz. 20c; lb. $1.25.

GOLDEN HUBBARD. The hardiest of all and the most popular with the market gardeners. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25.

HUBBARD. One of the finest varieties, fine grained of excellent flavor and cooks dry. Pkt. 10c; oz. 20c; ¼ lb. 36c; lb. $1.50.

WHITEBUSH SCALLOP. A well known summer squash, very productive, pure white. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.25.

PIKES PEAK or SIBLEY. Is a vining squash of excellent quality. Very sweet and fine grained. A good keeper. Pkt. 10c; oz. 20c; lb. $1.50.

Use our coupon order sheet. It gives you $1.25 worth of seed for $1.00.

Tomatoes

CULTURE. Sow in hot beds from six to eight weeks before they can be set out doors, which is when danger from frost is passed. When plants have four leaves transplant into shallow boxes, or cold frames. Transplant carefully and cultivate well as long as the vines will permit.

RED ROCK (New). Same shape as the Stone, but darker color and firmer. Stands handling and shipping better than any tomato we have had experience with. Excellent for canning or slicing. Pkt. 10c; oz. 45c; ¼ lb. $1.40; lb. $4.50.

LIVINGSTON’S CORELESS. This is a distinctly new globe shaped variety, and is one of Livingston’s latest and best varieties of tomatoes. It is a fine large tomato of full globe shape, some longer than round, ripening completely without any green or hard core. Pkt. 10c; oz. 45c; ¼ lb. $1.60; lb. $5.00.

PIKES PEAK or SIBLEY. Is a vining squash of excellent quality. Very sweet and fine grained. A good keeper. Pkt. 10c; oz. 20c; lb. $1.50.

The Gardner’s Favorite Tomato—Stone
JUNE PINK. An extra early pink tomato.

JOHN BAER. A grand new tomato.

PONDEROSA (Beefsteak). A very large tomato.

NORTON (Wilt Resisting). This variety is FIRST EARLY. This was developed from NEW STONE. One of the general crop varieties, and a favorite with the canners.

NEW STONE. One of the general crop varieties, and a favorite with the canners. A good all around variety, early and productive.

NORTON (Wilt Resisting). This variety is very similar to Stone in size, and shape. It is a good shipper, extremely hardy, and wilt resisting.

PONDEROSA (Beefsteak). A very large variety well known of fine flavor.

FIRST EASLY. This was developed from an early tomato found in a patch of Stones from which variety it takes most of its characteristics as to size and quality, but is very early, even ripening before Earliana. Our first Early has become very popular both around Los Angeles and in the Imperial Valley.

JOHN BAER. A grand new tomato. Nearly globose in shape, deep bright scarlet colored. The meat is very solid, of fine texture. John Baer ripens early and is the heaviest yielder of all the early tomatoes. It is a favorite with the canner—in fact, it is an all purpose tomato of excellent qualities.

SAN JOSE CANNER. Has been grown with great success throughout Central California only the last couple years and is proving very profitable to the growers. San Jose Canner is a large tomato often weighing one and a half to two pounds each and producing 25 tons and more per acre. The best tomato for canning. Pkt. 10c; oz. 75c; lb. $2.50; lb. $7.50.

PEACH TOMATO. Deep rose in color, the shape of the fruit and the appearance of the skin is very similar to that of a peach. It has a very delightful flavor. Per pkt. 10c.

Turnips

CULTURE. Plant for succession from September to April in drills 14 inches apart and thin out plants to six inches. Turnips thrive best in a highly enriched sandy or light loamy soil. One ounce to 150 feet of drill; 4 lbs. to acre.

EARLY PURPLE TOP MILAN. One of the earliest Turnips grown. Of medium size, with flattened round roots, smooth and white with a purple-red top. Leaves short and few; flesh white and of splendid quality. Well adapted to spring and fall planting. Postpaid. Pkt. 10c; oz. 20c; 1/2 lb. 40c; lb. $1.20.

EARLY PURPLE TOP STRAP-LEAF. The most popular variety in this section for family use. Large size, white, purple around; flesh, fine grain. Pkt. 10c; oz. 20c; 1/2 lb. 40c; lb. $1.20.

EARLY WHITE FLAT DUTCH. An early white flesh, strap-leaved variety for quick growth; mild flavor and excellent quality; with firm sweet flesh. Pkt. 10c; oz. 20c; 1/2 lb. 40c; lb. $1.20.

SNOWBALL. The most popular turnip on the market. It has the best shipping qualities, firmness and good appearance as well as being of excellent flavor and texture. Pkt. 10c; oz. 40c; lb. $1.25.

IMPROVED PURPLE TOP RUTA BAGA. The best of the Swede turnips; very hardy and productive. Pkt. 10c; oz. 20c; 1/2 lb. $1.25.

PURPLE TOP WHITE GLOBE TURNIP. Pkt. 10c; oz. 20c; 1/2 lb. $1.25.

GOLDEN BALL OR ORANGE JELLY. Rapid grower, of excellent flavor. Bright yellow color. Plant during cooler months only. Pkt. 10c; oz. 20c; 1/2 lb. 45c; lb. $1.25.

PURPLE TOP WHITE GLOBE. Very solid and sweet. The best variety for summer plantings, having large leaves and is very slow to get pithy. Recommended for planting during May, June, July and August. Pkt. 10c; oz. 20c; 1/2 lb. 40c; lb. $1.25.

Herbs

HERB SEEDS. (Sweet, Pot and Medicinal.) A few herbs should be grown in every garden, only a small space being necessary to grow sufficient for family use. sow the seed in the spring, and harvest on a dry day just as plants come into full bloom. Tie them up in small bunches and when thoroughly dried wrap up in paper and place in an air-tight vessel, where they will keep until required. Each, per pkt. 10c.

ANISE. Has useful medicinal properties.

BASIL, SWEET. Used for highly seasoned dishes.

BORAGE. Should be grown by every beekeeper.

CARAWAY. Largely used for flavoring.

DANDELION. For medicinal purposes.

DILL. Used to flavor pickles, etc.

FENNEL. Very aromatic and fine for flavoring.

HOREHOUND. Fine tonic properties, valuable for cough remedies.

HYSSOP. Valuable for medicinal purposes; the dried flowers make Hyssop tea.

PURPLE TOP WHITE GLOBE TURNIP

LAVENDER. Highly esteemed aromatic herb, with a delightful fragrance.

MARRJoram. Sweet, one of the most largely used herbs for seasoning.

PENNYROYAL. Well known and popular.

PEPPERMINT.

ROSEMARY. An aromatic herb, sweet scented.

SAVORY. Summer, excellent for seasoning.

SAVORY. Winter, excellent for seasoning; for winter use.

SAGE. The leaves and tender tops are largely used in stuffings and in sauces.

SORREL. Large leaves used like spinach.

THYME. For seasoning; the most popular of all herbs.

WORMWOOD. Of great value for its medicinal properties.

PLANTS OF HERBS. We can supply plants of many varieties of Herbs. See special list under Plants in back catalogue. All seeds quoted at less than 50c per oz., we will supply at 10c per pkt.; those quoted at 50c and upwards at 15c per pkt.

Special Offer for the backyard Vegetable Garden

2 packets Carrots 2 packets Beet 2 packets Radishes 2 packets Cabbage 2 packets Lettuce 2 packets Turnips 2 packets Parsnips 2 packets Spinach

Sixteen Packets, $1.00 WORTH OF SEEDS FOR...
M. & S. Pedigreed Tree and Shrub Seeds

ACACIA MELANOXYLON. "Blackwood." In sheltered, irrigated gardens this tree will reach a height of 80 to 100 feet, with the trunks several feet in diameter. This is the tree universally grown in Los Angeles as a street tree. The timber is very valuable for cabinet makers' work. Oz. 40c; lb. $4.00.

ACACIA MOLLISSIMA. An abundant blooming tree; very ornamental, suitable for lawns or shrubbery. Height 25 feet. Oz. 40c; lb. $4.00.

ACACIA PODALYRIOFOLIA. One of the finest new varieties for first time offered in seed here. Specimen plants in Pasadena have caused a big demand for the seed. Tree of striking blue color, medium size. Pkt. 25c.

ACACIA PYRENANTHA. "Golden Wattie." Of rapid growth doing especially well near the sea coast, and containing quantity of tannin. Height 40 feet. Oz. 40c; lb. $4.00.

ACACIA SALIGNA. A small tree of weeping habit, very ornamental. Height 25 feet to 30 feet. Oz. 40c; lb. $4.00.

ACACIA MYRTIFOLIA. A beautiful small shrub with myrtle leaves. Pkt. 25c.

ACACIA PINIFOLIA. A small growing tree of spreading habit. Fine pin-like leaves. Pkt. 25c.

ACACIA VERTICILLATA. One of the finest varieties of the whole list. Very small foliage. Rare. Pkt. 25c.

ACACIA CERNE DE VACA (Cow's Horn). A curiosity from Mexico. A plant sent us by Mr. John Spence and presented to Mr. Huntington is probably the first plant to be grown in California. The tree is virtually a mass of great horns, forming in pairs, which never shed off, some measuring 1 to 6 inches across the pair. The most curious novelty we have seen in thorny plants. The general appearance of the plant and flower is strikingly like Acacia Farnesi-ana, says Mr. Spence, and is found growing in the wild state among them. Pkt. 15c.

ANGEOMEDA JAPONICA (Piers). Snowberry. Makes a very desirable shrub for hardy border, when used with Cotoneaster, etc. Oz. 40c; lb. $4.00.

BAUNHIA ACUMINATA. A fine flowering tree of branching habit; flowers white; hardy in most places. Very showy in bloom. Pkt. 15c.

BAUNHIA PURPUREA. A shrub or small tree bearing large beautiful flowers of a reddish purple streaked with white. Pkt. 15c.

BERBERIS AQUIFOLIUM (Oregon Grape). Four feet. A beautiful shrub with glossy, prickly leaves and yellow flowers followed by berries of a purplish-black color. Pkt. 10c; oz. 40c.

BERBERIS DARWINNI. 3 to 4 feet. Leaves prickly as the preceding variety, but smaller, while the plant has somewhat of a drooping habit. In the spring is covered with masses of red flowers. Pkt. 25c.

BRACHYCHITON ACERIFOLIUM. "Flame Tree" of fine sturdy pyramidal growth with large handsome foliage producing masses of scarlet flowers. Height 45 feet. Pkt. 15c; oz. 75c.

Buddleja variabilis. A very rank, strong growing shrub; semi-evergreen nature. Very showy, lilac-colored flowers. Pkt. 15c.

CALIFORNIA LIVE OAK (Quercus agrifolia). A familiar sight in our Californian landscapes, which adds so much to its beauty. Pkt. 10c; oz. 40c.

CALLISTEMON JUNIPURUS (Bottle Brush). A fine shrub with leathery leaves and flowers of brush-like appearance and bright red. Pkt. 15c.

CALITRIS ROBUSTA (Cypress Pine). An Australian tree attaining only small size in California. Makes a very dense growth and is extremely ornamental. Pkt. 15c; oz. 75c.

CAMPHORA OFFICINALIS (Camphor Tree). A tree from which the camphor is distilled; well known in California. Pkt. 10c; oz. 30c; lb. $3.00.

CASSIA ARKEMISIOIDES. A glaucous blue shrub, of same character as Grevillea Thelemanniana. Fine for hedging or bordering groups. An early spring bloomer producing a mass of yellow flowers. Pkt. 15c.

CASSIA TОMENTOSA. A rather tall growing shrub bearing yellow flowers and blooming all through the winter months. Pkt. 10c; oz. 50c.

CASUARINA EQUISIFOLIA. "Beef-wood." Wood very durable for under-ground piles and jeties. Height 150 feet. Pkt. 15c; oz. 75c.

CASUARINA STRICTA. "Erect She Oak." A beautiful shade tree; valuable for fuel. Height 60 feet. Pkt. 15c; oz. 75c.

CATALPA SPECIOSA (Hardy Catalpa). 50 feet. Deciduous. The well known tree with large leaves and white flowers. Pkt. 10c.


CEDRUS DEODARA. "Himalayan Cedar." A noble and beautiful evergreen of pyramidal form, foliage bluish green, graceful and drooping. One of the finest trees on the Pacific Coast. Pkt. 10c; oz. 50c; lb. $5.00.

CEDRUS LIBANI. "Cedar of Lebanon." A most beautiful evergreen for lawn decoration. Pkt. 10c; oz. 50c; lb. $5.00.

CERATONIA SILIQUA. "St. John's Bread." The Carob or Locust Tree of Scripture, says Mr. Spence, and is found growing in the wild state presented to us by Mr. J. Spence and is one of the finest varieties of the whole list. Very small foliage. Rare. Pkt. 25c.
CERASUS LUSITANICUS. (Portugal Laurel.) A large shrub of spreading habit, with large dark green glossy foliage. Pkt. 10c; oz. 40c.

CINNAMOMUM PENDULUCATUM. (Cinnamon Tree of Commerce.) A tall spreading evergreen tree somewhat resembling the Camphor. Pkt. 10c; oz. 50c.

CHORIZEMA ILICIFOLIA. A small shrub the numerous varieties. In the Fall and Winter), the main well known to everyone by their display of red berries. Similar to C. Horizon-

COTONEASTER BUXIFOLIA. Small evergreen shrub—and during fall and winter completely covered with red berries; very ornamental. Pkt. 10c.

COTONEASTER FRANCHETTI. Similar to the pannosa in the habit of growth, not quite as tall growing. Large yellow berries, gray foliage. Pkt. 10c.

COTONEASTER HORIZONTALIS. A de¬
cumbent shrub, never growing very tall, but trails over ground or rocks; very useful for covering banks, rock-work, etc. During fall and winter is covered with red berries. Pkt. 10c.

CRAEAGUS LELANDI. The most prolific bearer of beautiful orange berries, that hang in great clusters over the entire bush from late summer to the last of February. Pkt. 10c.

CRAEAGUS OXYCANTHA. English Haw¬
thorn. A splendid hardy evergreen shrub—in fall covered with fiery colored berries. Pkt. 10c.

CRAEAGUS CRENEULATA. An excellent tall growing shrub bearing white flowers in the spring, followed in the fall with clusters of bright red berries. Pkt. 10c.

CRAEAGUS PYRACANTHA. "Evergreen Thorn" or burning bush. Very ornamental shrub; perfectly hardy. Pkt. 10c.

CRAEAGUS YUNNANENSIS. 8 to 10 ft. Thicker foliage, red berries. November and December. Pkt. 10c; oz. 50c.

CRYPTOMERIA JAPONICA. "Japan Cedar." A splendid conifer for isolated situations on lawns. Height 75 feet. Oz. 30c; lb. $2.00.

CRYPTOMERIA ELEGANS. "Fine-leaved Japanese Cedar." Foliage glaucous green, resembling a feathery Araucaria, which in winter turns to reddish brown. Height 50 feet. Pkt. 10c; oz. 50c.

DIOSSA ALBA (Breath of Heaven). A very hardy and ornamental; covered in fall and winter with yellow waxes. Pkt. 10c.

EUCALYPTUS CITRIODORA. (Lemon¬
scented Gum.) A useful timber; delightfully scented leaves. Oz. $1.50; pkt. 15c.

EUCALYPTUS FICIFOLIA. "Scarlet Flow¬
er Gum." The most ornamental of the family. Flowers bright crimson, produced well above the foliage; one of the most effective trees in cultivation. Height 20 feet. 25 seeds 25c; per 100 seeds 75c.

EUCALYPTUS GLOBULUS. "Tasmanian Blue Gum." Well known; one of the most useful of all and a very rapid grower; planted largely in warm countries on account of its malaria-destroying qualities. Height 15 feet. California saved seed. Oz. 75c; lb. 75c.

EUCALYPTUS VIMINALIS (or Desert Gum). One of the varieties that has succeeded remarkably well in the desert region, stand¬
ing heat and cold very well. 75c per oz.

CUPRESSUS ARIZONICA
JUNIPERUS VIRGINIANA. (Red Cedar.)

JACARANDA MIMOSAEFOLIA. "Brazilian Tree." A handsome tree with fern-like foliage, and magnificent clusters of light blue flowers. In pods containing from 30 to 40 seeds. Per pod 5c.

JUNIPERUS SABINA. (Var Prostrata.) A trailing variety, very largely used among rockery. Pkt. 10c; oz. $3.50.

LAGERSTROEMIA INDICA. "Grape Myrtle." A small tree making a wonderful showing in the summer time with its mass of rose pink bloom. Pkt. 15c.

LIBOCEDRUS DECURRENS. "California Red Cedar." A very handsome tree, native of the Coast range from San Diego to Oregon. Some fine specimens may be seen in Santa Barbara. Height 100 feet. Oz. 50c; lb. $3.00.

LAGUNARIA PATERSOONI. A small tree blooming in spring; large lavender pink flowers, closely related to the Bignonia. Pkt. 10c.

LEONOTIS LEONURUS. "Lion's Tail." Shrub 3 to 5 ft., blooming greater part of summer. Long spikes of orange yellow flowers. Pkt. 10c.

LEPTOSPERMUM LAEVIGATUM. A beautiful shrub of pendulous habit succeeding well in any situation and bearing white flowers in spring in great masses. Pkt. 25c.

LIGUSTRUM JAPONICUM. "Japan Privet," or large leaved Privet. One of the best hedge plants. Oz. 25c; lb. $2.00.

LIGUSTRUM NPALENESE. (Small Leaved Privet.) Universally used all through this country as a hedge plant. Oz. 25c; lb. $2.00.

Laurus. See Viburnum.


MAGNOLIA GRANDIFLORA. "Large Flowering Magnolia." A native of the Southern states where its presence indicates good soil. Height 100 ft. Its enormous white flowers make it familiar to almost everyone. Oz. 30c; lb. $3.00.


Melaleuca ericifolia. (Bottle Brush.) A shrub of good size with small narrow leaves and flowers somewhat resembling those of Callistemon rigidus, but smaller and of a yellowish white. Pkt. 10c.

Melaleuca hypericifolia. (Bottle Brush.) Quite similar to M. Ericifolia, but with bright red flowers. Pkt. 10c.

Melaleuca nesophila. (Bottle Brush.) Of somewhat spreading habit and flowers of pale lilac. Pkt. 10c.

MAGNOLIA GRANDIFLORA

MELALEUCA LEUCADENDRON. (Silver Bark.) Bottle Brush, 20 to 30 ft., with white bark, in thick layers. Very ornamental. Pkt. 10c.

Melia Azadarach UMBRACULIFOR MIS. "True Texas Umbrella Tree." A very rapid grower, with long pinnate leaves and wood of a reddish color, resembling ash, durable and makes excellent fuel. Thrives in dry soil. Valuable for avenue planting. Height 40 feet. Oz. 20c; lb. $2.00.

Myrtus Communis. "Common Myrtle." One of the most striking. Trees with glossy, sweet scented foliage, and white flowers. Used largely as a hedge plant. Pkt. 10c.

Nandina Domestica. A low growing shrub, 4 to 6 ft., with foliage which when young is red, later turning green and in the fall turning to autumn tints, and bearing large clusters of bright scarlet berries. Pkt. 25c; oz. $1.00.

Polygala Dalmatiana. South Africa. Four feet. Garden hybrid. Probably the most continuous blooming shrub we have, as it is never without flowers and most of the time is nearly covered. Flowers magenta-pink, tipped with a little white. Pkt. 15c.

PARKINSONIA ACULEATA. A very large, beautiful, small half-tender tree, very attractive as a lawn specimen; native of New Mexico; very hardy. Pkt. 10c.

PHOTINIA (HETERAMELES) ARBUTIFOLIA. California Holly. Pkt. 10c.

MORRIS & SNOW SEED COMPANY

Eucalyptus viminalis. "Manna Gum." A very handsome tree, native of Australia. Ten feet. Similar to the preceding, with leaves narrower. Clusters of small white flowers make it familiar to almost everyone. Oz. 50c; lb. $5.00.

Eugenia myrtifolia. "Brush Cherry." A most effective shrub of easy culture; of erect and compact growth. Foliage glossy green. The new growth takes on a reddish hue, which gives it a unique appearance. Flowers myrtle-like. Fresh seed in December. Pkt. 15c; oz. 75c.


Ficus macrophylla. "Moreton Bay Fig." A small evergreen tree; very useful for shade and shelter purposes. This and the following variety are hardy in the neighborhood of Los Angeles, but in districts where frosts last long they should be sheltered until they are several years old and well established. Pkt. 15c.

Ficus Macrophylla. "Moreton Bay Fig." A small half-tender tree, blooming in terminal clusters of coral red flowers; very showy. Height 25 ft. Pkt. 25c.

Fatsia Seiboldi (Aralia). Shrub with light blue flowers. In pods containing from 30 to 40 seeds. Per pod 5c.

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PITTOSPORUM RHOMBIFOLIUM. One of the finest of the class. Very well adapted to street planting. White flowers, very sweet scented, followed by masses of bright orange berries in the fall, which when open, show a coal black seed. 12 to 20 feet. Pkt. 15c.

PITTOSPORUM PHILLYRAEOIDES. A large shrub or small tree with long, narrow leaves and weeping habit, giving much the same appearance as a weeping willow. Small yellow fragrant flowers, followed by yellow fruit. Pkt. 10c.

PITTOSPORUM CRACIFOLIUM. Small tree, 12 to 20 feet, having gray foliage and large green seed pods. One of the best for planting close to the ocean. Pkt. 10c.

PITTOSPORUM NIGRICANS. Australia. Glossy green foliage and bush growth is indeed a thing of beauty. Oz. 50c.

PITTOSPORUM UNDULATUM. One of the most common of the class; very ornamental and satisfactory as specimen for lawn, or as small street tree. Dark shiny green leaves and in fall covered with orange berries. Pkt. 10c.

PUNICA GRANATUM NANA. Dwarf Pomegranate. Bears attractive scarlet flowers throughout the season, followed by bright red fruits, presenting a most beautiful and striking appearance. May be grown in containers. Pkt. 25c.

POINSIANA (Bird of Paradise Flower). One of the prettiest dwarf evergreens. Height 4 feet. Oz. 50c; lb. $5.00.

PRUNUS INTEGRIFOLIA. "Carolina Cherry." 12 to 15 ft. One of our finest native shrubs. It is perfectly at home in any kind of soil or location and with its glossy green foliage and bush growth is indeed a thing of beauty. Oz. 20c.

PRUNUS CAROLINIANA. "Carolina Cherry." A tall shrub of pyramidal growth and bright green foliage. A fine tree for parkways. Pkt. 10c.

PRUNUS INTEGRIFOLIA. "Carolina Cherry." 12 to 15 ft. One of our finest native shrubs. It is perfectly at home in any kind of soil or location and with its glossy green foliage and bush growth is indeed a thing of beauty. Oz. 20c.

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**Palm and Other Decorative Plant Seeds**

**GROUP OF PALMS**

**CHAMAEROPS EXCELSA.** "Hardy Fan Palm." This palm grows to the height of from 20 to 30 feet; leaves fan-shaped; trunk enclosed by dense mass of rough fibres. Native of the East Indies. Oz. 15c; lb. $1.50.

**CHAMAEROPS HUMILUS.** "Dwarf Fan Palm." An extremely handsome plant. Native of Southern Europe. Oz. 20c; lb. $2.00.

**COCOS.** An elegant genus of a noble order, many species of which grow to majestic proportions.

**COCOS AUSTRALIS.** "Brazilian Palm." One of the hardiest of all palms, harder than even the Date Palm; withstanding, unprotected, a cold at which oranges or lemons are injured or destroyed. Per 10 seeds, 15c; 100, $1.00.

**COCOS CAMPESTRIS.** A hardly, handsome variety; well suited for open air planting, is one of the most desirable of pinnate-leaved palms. Per 10 seeds, 20c; 100, $1.50.

**COCOS PLUMOSA.** This species attains considerable size, rising upon a stout straight slender stem some 40 or 50 feet. This is the variety that has been so extensively planted in and around Los Angeles of recent years and so generally admired. Native of Brazil; does well out of doors in this climate. Per 10 seeds, 15c; per oz. $1.25.

**DRACAENA AUSTRALIS.** (Cordyline.) A palm-like tree growing to a considerable height; the stem is stout, leaves from 2 to 3 feet in length, oblong, lanceolate, and bright green, splendid for avenues. Native of New Zealand. Per pkt. 10c; per oz. 50c.

**DRACAENA INDIVISA.** (Cordyline Indivisa.) Sometimes called Dracaena stricta. A most graceful palm-like tree, suitable for decoration either in or out of doors. Fine for avenues. Native of New Zealand. Per oz. 15c; per lb. $3.50.

**ERYTHEA EDULIS (Brahea Edulis).** A fine growing variety from the Guadaloupe Islands. Fan-shaped leaves, bright green. Hardy. Per 10 seeds, 15c; per oz. 75c.

**MUSA ENSETA.** "Abysinian Banana." Native of the mountain regions above Abyssinia. This magnificent plant attains a height of 30 feet. The leaves occasionally reaching the size of 20 feet in length, by three feet in breadth. 10 seeds 15c.

**PHOENIX CANARIENSIS.** A beautiful and very hardy variety of the date palm, so much used around Los Angeles for lawns. Very handsome and much admired by newcomers. 10 seeds 10c; per 100, 50c.

**PHOENIX DAETYLIFERA.** The Date Palm; is an erect, handsome palm. Native of Northern Africa and Tropical Asia, where the palm attains a height of 80 feet. Lives to a great age, and yields the date fruit of commerce, hardy. Oz. 20c; lb. $2.00.

**PHOENIX RECLINATA.** A very fine, low-growing species of the date palm, from 15 to 20 ft. in height. A very graceful palm and better suited for parkway planting and small grounds than the other varieties of Phoenix. Largely used in Nice, Cannes, and in the south of France for avenues; also the best for that purpose here, as it will stand severe frosts. A native of the Cape of Good Hope. 10 seeds 15c; per 100 $1.00.

**SEAFORTHIN ELEGANS.** One of the most beautiful of the palm family, and one of the finest subjects in cultivation for the conservatory, greenhouse or subtropical garden. Height 20 feet. Leaves from 2 to 10 feet in length, dark green. It stands quite a low temperature. Native of New South Wales. 10 seeds 15c; per 100 $1.00.

**WASHINGTONIA FILIFERA.** The well-known California Fan Palm, which also goes under the names of Pritchardia filamentosa and Brahea filamentosa; very hardy. Per oz. 20c; per lb. $2.00.

**WASHINGTONIA ROBUSTA.** A robust Fan Palm, similar to Washingtonia filifera, but much finer and darker green leaves, without the flaments that are present on the preceding variety. Per oz. 25c; per lb. $2.50.

**If you desire large quantities of any of the above palm seeds, send for our Nurserymen's wholesale list.**
Cover Crops

Cover Crops. It is as important to use a legume for a cover crop for Green Manuring as it is to use rye or clover. In general farming and gardening. By sowing a cover crop you get nitrogen and humus in the best way as well as the cheapest. Legumes are the cheapest fertilizers and they give the soil plowed under the best available condition. We carry cover crops seed in variety at prices subject to change but for quotations always state the quantity wanted.

**Melilotus (indica).** Yellow Sweet Clover. This is a very highly recommended by the Government by Melilotus for alfalfa and is being used more each year with great success. It has had an upright growth. Per lb., postpaid, 25c. Write for prices in quantities.

**Melilotus Alba.** I have come to the conclusion, except on sandy soils, it is better to broadcast the seed than to drill it. This is especially true where there is alkalai. Sweet-clover should be very close to the surface. A light harrowing or dragging with a light brush drag, will mix the soil with the seed sufficiently for germination. It is better, too, to sow the seed in the fall and let the grain up, as it gets a better start that way. Melilotus alba is being recognized more and more each season as a valuable soil renovator. Because of its large and extensive root system penetrating hard subsoil, there is decay permits moisture to enter and break up the hard-pan that plowing may become deeper and thorough. Premiums of soil have gathered nitrogen and add much humus, all of which is essential to building up the productive powers of the land. Melilotus has other uses in soil renovating; it will grow in alkali soil and reclaim it. It will eradicate Bermuda and Johnson grasses; therefore, if you have any land that will be beneficial of Melilotus alba by all means plant it. Per lb. 35c; 10 lbs. $3.00, postpaid. Write for quantity price.

**Canadian Field Pea.** When it is too late to sow Melilotus for Canada Peas. They may be planted as late as March and April, and will come along in time for planting a summer crop. If your summer crop, like melons and potatoes are not harvested until November, plant Canada Peas. Neither is the Canadian Pea inferior to other cover crops when planted at the right time. The right time is from September until February and on any kind of land. The plant just requires a rain or irrigate before they are well above the ground and established. If the soil is too wet after planting the seed will rot. Per lb., 25c; 10 lbs. $2.00, postpaid. Write for quantity prices.

**Purple Vetch.** The chief value of Purple vetch as compared with the common is the rapid growth making it desirable both for fall and spring planting. The spring planting in citrus orchards prevents the June drop and is in prime for July plowing. The hard-pan that plowing may become deeper and thorough. Premiums of soil have gathered nitrogen and add much humus, all of which is essential to building up the productive powers of the land. Melilotus has other uses in soil renovating; it will grow in alkali soil and reclaim it. It will eradicate Bermuda and Johnson grasses; therefore, if you have any land that will be beneficial of Melilotus alba by all means plant it. Per lb. 35c; 10 lbs. $3.00, postpaid. Write for quantity price.

**Sudan Grass.** Sudan grasses are valuable because of their hardiness. They provide fodder and grain with a minimum of moisture. Dwarf Milo Maize grows only about four feet high, stools well, has abundance of foliage and a heavy producer of grain. 1 lb. postpaid 25c; 10 lbs. $1.50. Amber Cane or Sorghum. Heavy yielder of rich succulent fodder. Per lb., postpaid, 25c; 10 lbs. $1.50. Egyptian Corn. Grown extensively for fodder and for its white grain. 1 lb., postpaid, 25c; 10 lbs. $1.50. Kaffir Corn. Grows its heads upright. Per lb., postpaid, 25c; 10 lbs. $1.50. Feterita. Very drought resistant and very heavy grain producer. 1 lb., postpaid, 25c; 10 lbs. $1.50. Mizellaneous

**Alfalfa Seed.** Alfalfa or Common. This variety has grown so entirely satisfactory to everyone for stock feed. Plant 30 to 45 lbs. per acre. 1 lb. postpaid 20c. Ask for quantity prices.


**Rye (Winter).** Sow in Fall for early pastures; also used extensively as cover cropping. Use 60 to 80 lbs. per acre. Postpaid 20c per lb. Write for quantity prices.

**Wheat.** Sown for hay and grain as early in winter as possible. 80 to 100 lbs. per acre.

**Barley.** Sown for hay and for its grain. 35 to 45 lbs. per acre. 1 lb. postpaid 20c. Ask for quantity prices.
Grass and Clover Seeds for Lawns

Hints for Making and Caring for Lawns

The first thing is to have the soil well spaded up and pulverized. On places where soil has been filled in, or places where no crop of any kind has been raised for a number of years, it is advisable to spade up the ground, pulverize it and rake and water regularly, just as if the lawn had been seeded; this will start the seeds of all weeds that have been lying dormant for years, awaiting enough moisture to germinate. If salt grass or devil grass shows up pull it up, every bit of it. It will save lots of work afterward. If soil contains much devil grass it will pay to cart off the whole surface down to about two feet, and haul good loam in its place. If only ordinary weeds come up, spade them under. Repeat the operation about three weeks afterwards. This will bring the soil in fine condition and save much time and money spent on pulling weeds. Use plenty of good seed. Blue Grass one pound for every 200 square feet; Clover one pound for every 250 square feet. If Blue Grass and Clover are used, it is advisable to go over the ground twice, once with Blue Grass and once with Clover. This is done in order to have the Blue Grass and Clover seed uniformly spread all over the surface. Rake the seed in selecting manure for lawns; the manure most suitable is horse or cow manure that has been piled up and heated at least 60 days before being used on a lawn. When manure is piled up it begins to heat and seeds of any kind that are mixed in, begin to sprout; the manure gradually increases in heat until it get so hot that any kind of plant or weed mixed in with it, will burn up.

It has been a practice around Los Angeles for teamsters to go to any corral, screen the manure, load it up and sell it for lawn purposes. This accounts for so many lawns where more weeds than grass come up, and especially for lawns where devil grass predominates. Almost all alfalfa fields in this region have devil grass growing in them. This grass goes to seed about the time alfalfa is high enough to cut; it is fed to the cows and mixed with alfalfa, and is in a perfect state of preservation when picked up with the manure and put on the lawns.

In places where the lawn is steep burlap is used to good advantage to cover the ground after sowing. It not only prevents the surface of the ground from drying, but it keeps the seeds from getting washed out by the frequent waterings that have to be given in such places.

Watering a new lawn must be done with great care. A fine Rose nozzle should be used to apply the water and it should always be done in the evening or morning.

Having had for a great many years personal experience in the making of lawns in this vicinity, we appreciate the fact that good seed is absolutely necessary for starting a lawn. Our Blue Grass Seed is the very best grown in Kentucky, where no trace of salt grass is to be found. Our Clover Seed is free from all weeds.

Australian Rye Grass. A fine grass for quick lawn; should be sown very thick and will produce a fine lawn, withstand ing drought better than any other grass. It grows more quickly, but is a little more coarse in its growth. Lb. 40c. Postpaid.

Blue Grass (Kentucky). What we have just said concerning clover we repeat in connection with this fine grass. To meet competition many have added mixture to give weight and reduce its cost, and thus are able to sell cheaper. We challenge anyone to show finer or cleaner stock than ours. Ask for price on large amounts. Lb. 50c.

Bermuda Grass (Cynodon Dactylon). Is a dwarf perennial plant and spreads by means of its long and many jointed root-stalks, and for this reason is hard to screen and make a pure lawn. The grass once it has secured a foothold. Thrives during the hottest part of the year and will live under water for a long time. Makes a durable lawn and is also used to hold embankments. This grass is much used for lawns about Sacramento. The seed is very slow to germinate and requires heat and moisture. Sow 10 pounds per acre. Lb. 65c; 10 lbs. $6.00. Write for prices on larger quantities.

Chewing's Fescue. A variety of Hard Fescue, and used by most golf clubs extensively in their mixtures. Forms a compact mat; stems are hard. The grass succeeds well even under poor conditions. A good pasture grass for dry lands. Sow 30 pounds per acre. Lb. 75c. Write for prices on larger quantities.

German Creeping Bent. The long creeping stems and spreading habit of this splendid grass make it ideal for Putting Greens and lawns; it makes a lasting turf which withstands hard usage. The leaves are fine and it develops a dense growing well on all kinds of soil, particularly on poor soils. Also very valuable for pasture grass. Sown in Fall or Spring, 3 to 4 lbs. per 1,000 sq. ft. 1 lb. $1.70 (by mail $1.75); 5 lbs. $8.25; 10 lbs. $16.00.

Revive the Old Gray Lawn at a big saving

Sufficient seed and fertilizer to restore 1000 square feet (20x50 ft.) of run down lawn—4 lbs. of our Pacific Lawn Mixture and 25 lbs. M. & S. Lawn Dressing (total value $3.65)

Delivered for $3.00
**Gladiolus and Tuberous Rooted Plants**

**Gladiolus**

*(DECEMBER TO APRIL)*

Postpaid anywhere within fourth postal zone.

**CULTURE.** Gladiolus are easily grown and with very little attention if planted during their period of growth from January to April—but with care they may be planted as late as August with assurance of getting blooms. Set the bulbs about 4 inches deep and 6 to 8 inches apart in any good garden soil. When the planting is well done, a few inches high give an application of well rotted manure or commercial fertilizer applied to top of the ground will aid in producing larger blooms and spikes. Keep the ground moist until the flower spikes begin to appear, then water freely. They flourish best in an open sunny situation. In midseason Gladiolus come into bloom in 4 months from planting the bulbs.

The bulbs we offer are full size and will give the maximum size spikes and flowers.

**New Varieties of Great Merit**

**LOS ANGELES.** The "Cut and Come Again" Glad. So-called because it produces several flower spikes from one bulb. The flowers are delicately ruffled of a beautiful grenadine pink. Suffused with orange. A pomegranate-carmine feather in the throat greatly enhances its beauty. This glad is already taking its well merited position as the most popular new glad on the market today.

25¢ each; $1.25 per doz.; $10.00 per 100.

**MRS. H. E. BOTHINE.** Another beautiful glad that is destined to become a "classic." Wonderfully ruffled flowers of a grenadine pink, deepening to scarlet in the center. 15c each; $1.00 per doz.; $10.00 per 100.

**BYRON L. SMITH.** The finest of all the lavenders. The flowers are large and ruffled, and its mauve lavender color resembles that of a Cattleya orchid. They are well arranged on a strong spike. 15c each; $1.00 per doz.; $10.00 per 100.

**JACK LONDON.** A wonderfully vigorous glad with well placed flowers on a sturdy stem. Color, light salmon with vermilion stripes, and a canary yellow throat with ruby stripes. A wonderful color combination. This variety should be in your garden. 15c each; $1.00 per doz.; $10.00 per 100.

**GOLDEN MEASURE.** A real pure yellow with a golden sheen. 10c each; 75c doz.; $5.50 per 100.

**VIRGINIA.** The most brilliant of scarlets. The stems are long and vigorous, with well placed flowers. Graceful and very desirable for beds. Wonderful keeper as a cut flower. 10c each; 75c doz.; $5.00 per 100.

**COMBINATION OFFER**

**NO. I.** Two bulbs, each of the above six varieties, value $1.00, for $1.25.

**NO. II.** One-half doz., each of the above six varieties, regular price $4.50, for $3.75.

**NO. III.** One doz., each of the above six varieties, value $9.50, for $8.00.

**ALICE TIPLADY.** Large primulinus of a beautiful orange saffron. 10c each; 75c doz.; $5.50 per 100.

**AMERICA.** Soft lavender pink. Very popular. 10c each; 75c doz.; $5.50 per 100.

**BARON HULOT.** A true violet blue, a smaller flower but vigorous grower and one of the best in this color. 10c each; 75c doz.; $5.50 per 100.

**CHICAGO WHITE.** White with lavender markings in throat. 10c each, 75c per doz.; $5.50 per 100.

**E. J. SHAYLOR.** Deep rose pink. 10c each; 75c per doz.; $3.50 per 100.

**EVELYN KIRTLAND.** Coral pink. 10c each; 75c per doz.; $3.50 per 100.

**FRANCIS KING.** Bright red. 10c each; 75c per doz.; $3.50 per 100.

**GRETCHEN ZANG.** A soft pink blended with scarlet in throat. 10c each; 75c per doz.; $3.50 per 100.

**HERADA.** Maure. 10c each; 75c per doz.; $5.50 per 100.

**GLADIOLUS—JACK LONDON**

**LE MARECHAL FOCH.** Light pink. 15c each; $1.00 per doz.; $10.00 per 100.

**MRS. DR. NORTON.** Delicate pink. 10c each; 75c per doz.; $3.50 per 100.

**MRS. FRANK PENDLETON.** Rose pink. Carmine blotch on lower petals. 10c each; 75c per doz.; $3.50 per 100.

**MYRTLE.** Delicate rose pink. 15c each; $1.50 per doz.; $10.00 per 100.

**NIAGARA.** A deep cream, throat splashed with scarlet in throat. 10c each; 75c per doz.; $3.50 per 100.

**PANAMA.** Bright pink. 10c each; 75c per doz.; $5.00 per 100.

**PEACE.** Tall white with lavender. 10c each; $1.00 per doz.; $7.50 per 100.

**PRINCE OF WALES.** A clear, delicate salmon. Very choice strain of these well-known Winter flowers. Ready for shipment January 1st. Small size, 35c each; $3.50 doz. Large size, 50c each $5.00 doz.

**PRINCIPINE.** Bright carmine red, with white throat. 10c each, 75c per doz.; $5.50 per 100.

**PURPLE GLORY.** Large ruffled flowers of velvety maroon. Velvety maroon. Very tall and showy. 25c each; $2.50 per doz.; $20.00 per 100.

**SCHWABEN.** Soft pure yellow, with little red feather markings in the throat. 10c each; 75c per doz.; $5.50 per 100.

**MIXED.** From our named varieties. 50c per doz.

**AMARYLLIS**

**BUNDA DONNA.** "Bella Donna Lily." Blush, delicately shaded with light purple, flowering before the leaves appear, very fragrant and fine for cut flowers, lasting fully a week when cut. Plant in a sunny position, leaving the neck even with the surface of the soil. First size, 25¢ each; $2.50 doz.

A. _JOHNSONII._ Striped white on red ground; extra fine. First size, 25¢ each; $2.50 doz.

**Begonia** *(TUBEROUS ROOTED)*

Tuberous rooted Begonias have large velvety flowers of rich tones, which are very showy against the luxuriant dark green foliage. They are effective in masses, as individuals in pots or in window boxes.

In warm climates these require a shady place. The soil must be very light, composed of a large per cent of leaf mold and sand. When planting directly to beds the tuber should be covered with two inches of soil—the better way however, is to start them in pots in January or February in a protected place and set them out after danger of frost is over, about April first. Blooming season from July till frost.

We have a stock of fine large sized tubers, single and double flowered. In the following colors: White, Scarlet, Pink, Orange, Rose, Copper.

SINGLE. 30¢ each; $3.00 doz.

DOUBLE. 35¢ each; $3.50 doz.

PRILLED. Mixed only. 35¢ each; $3.50 doz.

**Calladium**

**CALA (Elephant's Ear).** The leaves of immense size on massive stems grow to a height of four feet. For a tropical effect this plant has no equal. First size, 25¢ each; $2.50 doz. Ready for shipment in December.

**Calla Lily**

**AETHIOPICA.** The white Calla Lily, or Lily of the Nile, too well known to need further description. First size, 35¢ each; $3.50 doz. Second size, 50¢ each; $4.50 doz.

**Cyclamen**

**CYCLAMEN.** We grow a large stock in a very choice strain of these well-known Winter flowering plants and can supply them in all colors from pure white to crimson, including shades of salmon, pink, etc. Aside off. Extra fine plants from 3-inch pots, each 35¢; per dozen $3.50. 5-inch pots, each 75¢; per dozen $7.50 doz.

**Calla Elliottiana**

**ELLIOITIANA.** The Yellow Calla Lily. This is the finest Calla grown; large, deep, rich golden yellow color. The leaves are spotted with white, habit like our old favorite White Calla. Ready for shipment January 1st. Small size, 35¢ each; $3.50 doz. Large size, 50¢ each $5.00 doz.

**Tuberoses**

Ready for delivery after Feb. 1st.

**EXCELSIOR PEARL.** This is the double variety so universally grown by florists for cutting. The best bloomer. 10¢ each; $1.00 doz.

**Iris** *(GERMANICA (German Iris)).* Though called German Iris, it is really the Fleur-de-Lis, the national flower of France. Light Blue, 50¢ doz.; $3.00 per 100. Purple, 75¢ doz.; $4.00 per 100. White, 50¢ doz.; $3.00 per 100.
M. & S. Pedigreed Dahlias

Ready for Delivery after March 15th

Abbreviations: Dec. Decorative; Peo., Peony; Cac., Cactus; H. Cac. Hybrid Cactus.

The Dahlia can be grown in almost any good garden soil. It is one of the easiest of all flowers to grow, although no plant will respond so wonderfully to good treatment such as regular watering, fertilising and disbudding.

Jean Roosevelt (Dec.). Large flowers of deep salmon held on perfect stems. Very free blooming. $2.00.

Kalliste (Dec.). A bright red occasion¬ally showing gold tips. This Dahlia is very large, has excellent stems and foliage, is a vigorous grower and good keeper. It will sometimes develop the poony type and will be more graceful than before, especially under artificial light. $1.50.


Lolita Velasco (Cac.). American type cactus with good stems. Color, pure white. Plant is a strong grower. $1.50.

Mahogany (H.C.). Very fine rich mahogany red. Excellent in every way. New and good. $2.00.

Mariana (H.C.). One of the most beautiful Dahlias grown. Stems and foliage fine also. Color, lavender and white. $1.50.

Old Glory (Dec.). Very attractive dark red with white stripes and spots. Good stems and foliage. 75c.

Polar Bear. One of the best white Dahlias. Strong grower with good foliage and stems. 75c.

Rockwood (Dec.). Bright cerise rose. One of the finest Dahlias grown. Dwarf grower, fine stems, free bloomer. 75c.

Rodman WanaMaker (H.C.). The large blooms open a canary yellow, which later turns to a salmon pink with yellow center. The plant is very handsome and will have as many as fifteen blooms at one time. Stems and foliage excellent. Real exhibition flower. $3.50.

Rose Nell (Dec.). Very large bright rose. The immense flowers are held on fine stems. Fine for exhibition. 75c.

Ysleta (Dec.). A copper-colored shade with yellow and suffused with rose. Very strong grower with excellent stems for cutting. 50c.

Wizard of Oz, (Dec.). The color of this very giant of a Dahlia is a rare shade of glowing amber pink or soft salmon shades. $2.50.

Pompon Dahlias

An elegant class of small flowered Dahlias. They are miniature forms of the large flowered Show type. They form dainty subjects when used in baskets or vases, being particularly adapted for use as cut flowers. The colors in all varieties are charmingly bright and fresh.

Achilles. Large Silver Pink. 35c.

Amber Queen. Golden Amber. 35c.

Annies Doncaster. Yellow base edged Pink. 35c.
M. & S. Free Blooming Pedigreed Roses

MADAM BUTTERFLY. Glorified sport of Ophelia, all colors of Ophelia intensified, making it a harmonious shading of Pink, Apricot and Gold. 75c each.

CRUSADER. Deep, velvety crimson. A big, strongly perfumed, double rose, entirely new in every characteristic; the growth is heavy and strong, the flowers enormous: strong. It is free flowering, and the blooms are big and double. 75c each.

We can supply the following list of Roses at 50c each or $5.50 per dozen, except where noted. We will send these Prepaid Parcel Post or Prepaid Express (our option) if not less than six are ordered. These are two-year-old field grown plants. If you want a variety that we do not list send in your order and we will get it for you—if in the market.

After April first all roses are potted and after that time the price will be 65c each or $7.00 per dozen, except where noted.

ALEXANDER HILL GRAY. (T.) Deep lemon-yellow, similar in color to Marechal Niel, more intense as the bloom expands. Large, full flowers with high pointed center and perfect form, freely produced and strongly tea perfumed. Robust, vigorous and erect.

AMERICAN BEAUTY. Too well-known to require lengthy description. Possibly the most popular rose in sections where it grows well. In other sections it requires skilled treatment.

BETTY. Coppery-rose, shaded golden yellow; large full and well formed flower with beautiful buds.

BLACK PRINCE. Magnificent blackish velvety crimson, an old favorite.

BRIDE. Ever-blooming Tea. Pure white, sometimes delicately tinged with pink; large, fine form, fragrant, free bloomer, one of the most popular of white roses.

BRIDESMAID. Flower very large, full, perfect shape, flowers fragrant, a constant bloomer. Inside white, outside pink.

BRITISH QUEEN. (H.T.) Pure white, unexpanded buds sometimes flushed peach. Open flowers without any trace of yellow. Beautifully formed, with pointed center and reflexed outer petals.

CLAARA WATSON. Glorified sport of Lady Ophelia, all colors of Ophelia intensified, making it a harmonious shading of Pink, Apricot and Gold. 75c each.

COLUMBIA. (H.T.) The color is a true plum,再说 another thing, it opens to a glowing pink. A striking peculiarity of this rose is that the shades all deepen as the rose opens. Single buds on long stems, splendid for cutting.

CRIMSON QUEEN. H. T. A very strong upright grower, beautiful long slender buds; color a rich bright velvety crimson; constant bloomer.

DUCHESS DE BRABANT. (Pink.) Soft rosy pink; buds are fine; called Duchess everywhere.

DUCHESS OF WELLINGTON. One of the most beautiful yellow bush roses; has a very stiff stem with large deep yellow blooms.

ETOILE DE FRANCE. A charming fine French variety; has large, fine buds borne singly on long, stiff stems; dark crimson in color, center vivid cerise; fuller and deeper color than Gen. McArthur.

FRAU KARL DRUSCHKI. (Snow Queen.) The finest white rose, with large, full flowers of splendid form. It is marvelous in its beauty, both bud and bloom; the pure white of the full opened bloom. In a bed of a dozen plants there is seldom a day during the summer when blossoms cannot be cut, and during the spring and fall it blooms in profusion. It is the ideal rose. Strong No. 1 bushes.

All Roses offered are A-1 grade which is the largest size for the variety.

LOS ANGELES. A California product which has attained international recognition. It is universally popular and does well in all climates. Distinctive coloring of rich flame-pink shaded golden. The rose that everyone should have in his garden. We think this is the best new rose in years. $1.00.

CLIMBING LOS ANGELES. Similar to the bush variety but with strong climbing habit. Price $2.00.

WILLIAM F. DREER. A beautiful Rose of the same parentage as Los Angeles, and like that variety, beautiful in all stages of development, are at their best in the half expanded flower. These, in expanding, are of a delicate, silvery, shell-pink. Each $1.00.

MISS LOLITA ARMOUR. The unique coloring of this novelty is a combination of colors difficult to describe, and it is absolutely distinct from all other varieties. The flowers are of large size, full double, with petals of great substance. As the flowers expand they develop to a deep coral-red with a golden, coppery-red suffusion. Each, $1.00.

ROSE MARIE. Amongst the various roses which we have had under trial there are but few more meritorious than this magnificent American novelty. The buds are long and pointed, the petals large and well rounded, and the open bloom ideal as to form. One of the finest roses we know of for cut flower purposes. The color is a delightful shade of pure rose pink. Highly recommended. Each, $1.00.

MADAME EDOUARD HERRIOT or Daily Mail. “Superb coral red, shaded yellow at base, passing to shrimp red.” Neither this description nor any other will convey a just idea of the wonderful coloring. At first sight it seems artificial. The flowers are perfectly formed and magnificently colored. 75c each.

CHEERFUL. One of the grandest new roses. Pure orange coral with long, pointed buds; color a rich bright velvety crimson; highly recommended. Each, $1.00.

SOUVENIR DE CLAUDIUS PERNET. The yellowest of all roses, sent out of Europe as the finest yellow rose ever produced on that continent and is now acquiring a great reputation in this country. A vigorous, erect grower with extremely beautiful bright green foliage and few thorns, producing many exquisite buds on long stiff stems. The flowers are large and full, of a clear unfading sun-flower yellow with no other tints whatever. This color was unknown in roses until the recent introduction of this variety. $1.50.

FRAU KARL DRUSCHKI—A FAVORITE WHITE ROSE

All Roses offered are A-1 grade which is the largest size for the variety.

CLIMBING LOS ANGELES. Similar to the bush variety but with strong climbing habit. Price $2.00.

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AMERICAN BEAUTY. Too well-known to require lengthy description. Possibly the most popular rose in sections where it grows well. In other sections it requires skilled treatment.

BETTY. Coppery-rose, shaded golden yellow; large full and well formed flower with beautiful buds.

BLACK PRINCE. Magnificent blackish velvety crimson, an old favorite.

BRIDE. Ever-blooming Tea. Pure white, sometimes delicately tinged with pink; large, fine form, fragrant, free bloomer, one of the most popular of white roses.

BRIDESMAID. Flower very large, full, perfect shape, flowers fragrant, a constant bloomer. Inside white, outside pink.

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COLUMBIA. (H.T.) The color is a true plum,再说另一件事情，它打开时变成了粉红色。一种奇特的特性是这种玫瑰的颜色会随着玫瑰的盛开而加深。在切花中非常受欢迎。单个花芽在长茎上，非常合适。剪切时，花芽可以持续不断地剪切。它是理想玫瑰。耐寒性很强。
EDWARD MAWLEY. Brilliant fiery red. Color particularly bright in fall. The opening buds are shaded velvety crimson inside. Moderately double. Quite fragrant. Very free flowering. Growth is very strong, also unusually erect and slender.

GEORGE ARENDTS. Called by originator, "Pink Frau Karl Druschki"; very similar, except in color to Frau Karl Druschki. Strong grower and flowers of beautiful deep pink.

JONKHEER J. L. MOCK. Clear imperial pink, reverse of petals very faint. Blooms of magnificent size and form, produced from early in season to latest times; the strongest grower in the Hybrid Tea class.

JULIET. Distinct type of rose. It is a wonderful grower, sending up long strong stems surmounted by flowers of most unique coloring. The petals rich of a golden hue, and interior rich rosy red changing to deep rose as flowers expand. Very large and full. Delightful fragrance.

KAISERIN AUGUSTA VICTORIA. A grand white, with all the points which go to make a perfect rose; it combines perfection in form, color, fragrance, and long bloom. No collection will be complete without this superb variety.


LA FRANCE. Delicate silvery rose changing to silvery pink. Very large, full and of fine globular form.

LADY ASHTOWN. Pale rose, shading to yellow at base of petals. Flowers full and pointed.

LADY HILLINGDON. Deep apricot yellow. The color is solid without any shading and is uniformly double. Quite fragrant. Very free flowering. Growth is unusually erect and slender.

MISS LOLITA ARMOUR

GEOGE ELGER. (Yellow Baby Rambler.) Rich chrome yellow. The plant produces an abundance of fragrant little roses throughout the summer.


GOLDEN EMBLEM. Per. Throughout the entire season this magnificent rose draws more attention than any other in our rose fields. The lovely long buds of golden yellow are beautifully tinted with crimson on the outer petals, the coloring changing with weather conditions but offering a delightful contrast at all times. Opens to a full golden yellow flower. The glossy green foliage is particularly fine, does not mildew, and the buds are borne on long stiff stems above the strong growing, vigorous bushes. The blooms are produced freely and continuously, even under adverse conditions. A unique and striking variety, certain to delight all rose lovers. $1.25.

GENERAL JACQUIMONT. Hybrid Perpetual. An old popular variety; color brilliant crimson; large and effective.

GRUS AN TEPLITZ. (Scarlet.) One of the finest scarlet flowers to be seen at any time of the year.


HOOSIER BEAUTY. One of the grandest rich red garden roses. Splendid clean foliage and a heavy bloomer. The rich velvety crimson is vivid and lasting.

HUGH DICKSON. Hybrid Perpetual. A vigorous free grower and perpetual bloomer; flowers large, color a rich brilliant crimson; very sweetly scented.

IRISH ELEGANCE. One of the most beautiful single roses. Bud superb, exquisitely formed—long and pointed—of beautiful bronzy orange shading to apricot.

IRISH FIRE FLAME. (H.T.) Buds fiery orange-red, open bright salmon. Very beautiful roses.

MRS. A. W. WADELL. A beautiful salmon pink. A very beautiful color.

MRS. CHARLES RUSSELL. Rich rosy carmine tinted with tone of rose scarlet in center of opening bud. Color particularly bright in fall. Equally good in greenhouse or outside.

MRS. GEO. SAWYER. Everblooming Tea. Highly praised. Flowers are of clear peach-pink, margined and colored freely on stiff erect stems. Good foliage and splendid for cutting.

MRS. JOHN COOK. A sport from Ophelia. White suffused with delicate pink. Strong growth, large flowers.

MRS. JOHN LAING. Soft pink flower of fine form and with good strong stems. Fragrant and constant bloomer.

ULRICH BRUNNER. One of the very best red roses grown. Makes a splendid growth with beautiful foliage, and strong upright stems. Almost a constant bloomer. Color rich cherry-red without shadeings. Tho¬less, and much more satisfactory than America Beauty for garden culture in open ground.

MRS. W. C. MILLER. The flower is soft peary blushed, shaded salmon. The petals are crinkly and waved.

OLD GOLD. H. T. The color of this very free-blooming rose is very similar to "Pink Fragrant"; also similar in growth and buds are borne on strong sturdy shoots. A favorite and usual one flower to the stem. Rich dark rose in color and very fragrant.

PERLE DES JARDINES. (Pearl of the Gar¬den.) This grand old rose still maintains its popularity and is known as one of the best of its color; the flowers are large and full; clear golden yellow; succeeds in open ground.

PERLE D'OR. Yellow Baby Rose. New¬keen yellow with orange center. Buds very full and beautiful.

PRINCE DE BULGARIE. Very large flow¬ers with excellent shaped buds. Color clear rose blushed.

RHEA REID. Flowers good sized, full, deep, and buds exquisitely moulded. Extremely beautiful both in bud and in open flower. Color beautiful rich crimson which is lasting. Splendid sort for cutting.

RHEA REID. Hybrid Tea. A brilliant, rosy carmine, displaying beautiful, rich pink tints in the open flower; of fine form; a constant bloomer.

RED RADIANCE. Flowers are large and cup-shaped, unusually elongated, very double, sweetly scented. Growth vigorous and erect, with spreading branches. Blooms freely. Well liked.

RAGGED ROBIN. (Gloire de Rosomanes.) Single red; a great favorite.

Climbing Roses

The following are among the choicest of Climbing Roses. But please note that there are strong and weak, and will give plenty of bloom the same season they are planted.

**Climbing Hoosier Beauty.** Identical to the bush variety, except strong climbing habit. Each 50c.

**Climbing General McArthur.** Identical with the bush, except being a strong climber. Each 50c.

**Climbing Lady Hillingdon.** One of the best yellow climbing roses. Each 50c.

**Banksia Yellow.** Same as the white Climbing Lady Hillingdon. One of the best yellow climbing roses. Each 50c.

**Climbing American Beauty.** A fine variety. Carmine red. Flowers medium size, double and very fragrant. Vigorous climber. Has little resemblance to American Beauty except in color.

**Climbing Beauty of Glazenwood.** Commonly called Gold of Ophir. Very rapid grower. Color a combination of copper, carmine and salmon yellow. A wonderful profusion of bloom in spring.

**Climbing Belle Siebrecht.** Beautiful flower and bush; bloom good size and fragrant. Beautiful clear pink.

**Climbing Bride.** Identical with bush Bride, except climbing habit. Good white climber.

**Climbing Cecil Brunner.** We have in this lovely Climbing Rose not only one of the daintiest of all roses, but also one of the most useful.

**Climbing Caroline Testout.** A grand climbing form of Madam Caroline Testout. Has all the good qualities of the latter, coupled with additional strength of growth and consequently greater production of bloom. Extra good.

**Climbing Gruss an Teplitz.** With the same ever-blooming habit as the bush; one of the finest deep reds.

**Cl. Hadley.** Flowers rich crimson, borne on long stems. A free bloomer giving flowers at nearly all times. Very satisfactory.

**Climbing Hugh Dickson.** Flowers identical with bush. Very free from mildew. One of the best climbers.

**Climbing Kaiserin.** The counterpart of Kaiserin except that it is a climber. The buds have the same exquisite form as the parent and are the same color. Delicate ivory white. Very vigorous grower.

**Climbing Karl Druschki.** A very strong grower with blooms like the bush. Soft pink, fading; this variety is suitable for situations where a trailing rose is desired, or can be trained over arches or other supports.

**Climbing Killarney.** Sport from popular bush rose Pink Killarney. Bloom identical with parent. Strong grower.

**Climbing Maman Cochet.** The Climbing Maman Cochet is one of the finest old pink varieties which is always in demand.

**Cl. Lady Ashton.** Superb deep silvery pink. One of the best pink climbers in existence. Blooms are borne on long stems, making it valuable as a cut flower.

**Climbing Perle des Jardins.** Identical with bush except of strong climbing habit.

**Climbing Papa Gontier.** Identical with its parent, Papa Gontier, except its strong climbing habit. Beautiful foliage—free from mildew. One of the best climbers.

**Climbing Maman Cochot.** Pink, with the flowers borne on the same pleasing shades and form of the bush, they are larger and borne in greater profusion. A strong grower.

**Climbing Wootton.** A superb climbing rose, vigorous in growth, fine in foliage. Color velvety crimson. Petals thick and leathery. A valuable acquisition to the list of red climbers, which is none too large.

**Climbing Sunburst.** Identical to the bush variety in color, but is of strong climbing character. The many pears of trials for a perfect yellow rose is at last rewarded, and we consider this one of the best and probably the finest in color and form of any rose yet introduced of yellow color. The buds are long and pointed of great substance and when out last extremely well.

**Climbing Winnie Davis.** Sport from bush variety. Extremely strong grower. Flowers salmon pink, well formed, and a good bloomer.

**White Maman Cochet**

**Cherokee.** Pink, red and white. A grand new climbing rose of rare beauty and undoubted merits. The lovely single blossoms are produced in the same proportion as the white sort, but are a delightful shade of blush pink.

**Dorothy Perkins.** Noted for its hardiness and vigorous habit of growth, beautiful color and freedom of bloom, the flowers are borne in large clusters; a beautiful shell color and freedom of bloom, the flowers are produced in clusters in immense profusion. A remarkably profuse bloomer. Fine in bud state as a cut flower.

**Pauly's Scarlet Climber.** Unquestionably the finest shrub climber introduced recently. The flowers are vivid scarlet, medium size, semi-double and very freely produced in clusters.

**Rev'e d'Or.** Unique in shades of buff and apricot; similar in form to the Lt. Marque. One of the best climbing roses in cultivation and always in demand. During the spring and summer months the plants are smothered with blooms.

**Tausendschoen.** "Thousand Beauties." Hardy climber of great merit. Flowers produced in clusters in immense profusion. Delicate pink changing to carmine as the flower opens.

**Tree-Shaped Roses**

Price $5 each

Standard or Tree-shaped roses differ from ordinary bush roses in that they are budded into a stock of some strong growing variety at a height of 3'-6' feet from the ground, forming a bushy head at the top of a long stem. We use only vigorous varieties which make a large compact head.

Tree roses are very effective when properly planted in borders of the garden, or on either side of a walk, or when grown among or in front of bush roses.

The varieties offered are selected to afford a popular range of colors.

**General McArthur.** Red.

**Golden Emblem.** Yellow.

**Hoosier Beauty.** Scarlet.

**K. A. Victoria.** White.

**Los Angeles.** Flame Pink.

**Mme. Ed. Herriott.** Copper.

**L. C. Breislaw.** Apricot.

**MRS. GEO. SHAWYER.** Light Pink.

**Rose Marie.** Rose Pink.

**SOUV. DE CLAUDIUS PERNET.** Yellow.

Price $3 each

We are again making a special offering of our Rose Collections which have proven satisfactory and popular with our many friends. All 1st grade 2-year-old field grown plants.

These collections are arranged for and put up as listed and we cannot make any changes in the varieties in the collections. If other varieties are wanted select them from the general list.

**Collection No. 1 for $3.00, Postpaid.**
Six of our most popular roses that regularly sell for $3.50.

Cecil Brunner $ .50
Los Angeles $ 1.00
Alexander Hill Gray $ .50
Betty $ .50
Crimson Queen $ .50
Frau Karl Druschki $ .50

**Collection No. 2 for $5.75, Postpaid.**
Ten bush roses of merit. Regular price $6.25.

Red Cochet $ 1.00
Rose Marie $ 1.00
Mad. Abel Chatenay $ .50
Irish Elegance, single $ .50
Lady Blush $ .50
Miss Loleta Armour $ 1.00
Mad. Edouard Herriott $ .75
Mrs. W. C. Miller $ .50
Ulrich Brunner $ .50

**Collection No. 3 for $7.50, Postpaid.**
Six (one each) of the new roses that have won the highest honor at the world's fair. Our regular price, $8.25, postpaid.

Legion $ 1.00
Los Angeles $ 1.00
Mad. Edouard Herriott $ .75
Miss Lola Armour $ 1.00
Rose Marie $ 1.00
Wm. F. Dreer $ 1.00

**Collection No. 4, only $5.00, Postpaid.**
Six (one each) climbers of great popularity, regularly priced for $5.30.

Climbing Maman Cochot $ .50
Climbing Hoosier Beauty $ .75
Climbing Kaiserine Aug. Vic. $ .50
Climbing Bride $ .50
Climbing Frau Karl Druschki $ .75
Climbing Gold of Ophir $ .50

**Collection No. 5 for $2.50, Postpaid.**
Six Hardy Hybrid Perpetuals especially recommended for the hot interior sections. Regular price $3.00.

Frau Karl Druschki $ .50
Gruss on Teplitz $ .50
Honeysuckle $ .50
Black Prince $ .50
Paul Neyron $ .50
Ulrich Brunner $ .50
Climbing Vines and Bedding Plants

NO PLANTS SENT C. O. D.

AMPELOPSIS QUINQUEFOLIA. Virginia Creeper. Leaves palmate, handsome and luxuriant, assuming in autumn a gorgeous bronze hue. 50c each.

AMPELOPSIS VEITCHII. Boston or Japan Ivy. A great improvement on the old Virginian creeper, fast-growing in the shade or sun. 50c each.

ASPARAGUS PLUMOSUS. The leaves are a bright green, are gracefully arched and are finely waved as the finest silk mantles, surpassing Maiden Hair Ferns in grace, fineness of texture, and richness of color. 35c and 50c each.

ASPARAGUS SPRENGERII. A fine hanging basket plant, very hardy and highly recommended for baskets, porch-boxes, etc. Small size 25c; medium size 40c; large size 75c.

BIGNONIA GRANDIFLORA. Trumpet Vine. Rapidly growing climber, bearing large orange-yellow trumpet-shaped flowers in great profusion. 50c each.

BIGNONIA VENUSTA. Orange-colored trumpet flower, evergreen. 50c each.

BOUGAINVILLEA. One of our most attractive climbers with large reddish-purple flowers. 2 to 3 ft. $1.00.

BOUGAINVILLEA SANDERIANA. Deep magenta red. 2 to 3 ft. 50c each.

CLEMATIS MONTANA. Produces its pure white flowers in early summer; very floriferous and fast-growing. 60c each.

CLEMATIS PANICULATA. 50c each.

FICUS REPENS. A fine ornamental climbing plant. The best evergreen vine for covering buildings, walls, or other supports, either stone, brick or wood. Its small, deep green leaves and close clinging habit make it very attractive. Large plants, 35c each; $3.00 per 10.

JASMINUM GRANDIFLORA. One of the best white species; blooms almost perpetually during the summer and fall; erect growth; branches drooping and angular. 50c each.

JASMINUM MANDEVILLA SUAVEOLENS. The most graceful and free-climbing vine from South America, bearing clusters of waxy white flowers in great profusion; intensely fragrant. 50c each.

JASMINUM REVolutum. The well known yellow Jasmine; a half climbing plant of strong rapid growth; very fragrant. Each 25c.

LONICERA JAPONICA HALLIANA HONYSUCKLE. “Hall’s Japan.” Evergreen, vigorous climber; flowers pure white, changing to yellow; deliciously fragrant; borne in great profusion during the summer and fall. One of the best Serre Scurrs where some of the others will not grow. Valuable for porches, fences, etc. Strong plants 50c each; $3.00 per 10.

MUEHLENBECKIA COMPLEVA. Rapid growing twining vine, with dark wiry stems and white leaves. Prolific bloomer, resembling the Maiden Hair Vine. Excellent for covering trees, posts, fences, etc. 50c each.

PASSION VINE. Pink. 75c each.

PASSION VINE. Scarlet. 75c each.

PHLOX CAPENSIS. Flowers most delicate shade of purple-blue, unrivalled for their continuous blooming and drought-resisting qualities; foliage clean and smooth. May be grown as a spreading shrub or as a half climber. 50c each.

TECOMA AUSTRALIS. This beautiful vine is exceedingly useful for covering the sides of buildings. Its principal value lies in its elegant thick foliage and rampant growth. Flowers are small but produced in great profusion. Color creamy white. 50c each.

WISTERIA. One of the most beautiful flowering vines. Bears long spikes of blooms, glossy green leaves, rank grower. Seedlings 50c each. Budded: red, pink, blue. $2.00.

ALTERNANTHERA. Much used for hedging purposes; of low growth; stands clipping well. Wellyellow and red varieties, 50c per doz.; $4.00 per 100.

BEGonia VERNON. This variety grows about eighteen inches high. The foliage, in the sun, turns deep olive green, shaded and edged with bronze; the flowers are a bright red in color, magnificently set off by abundant dark foliage. 15c each; $1.50 per doz.

BEGonia EFIRDii (Beauty of Efird). It is more dwarf and spreading than Vernon and bears three times as many flowers. The color is a lovely soft pink throughout, which does not fade in the hottest sun. It blooms ten months in the year; grows about twelve inches high, and makes a most beautiful border for Cannas, Geraniums, Scarlet Sage, etc. All ready about April 15th. 15c each; $1.50 per doz.

CANTERBURY BELLS. Blooms the second summer; plants 2 to 3 ft. covered with large bells, white, pink or blue. 50c doz.

CARNATION. The favorite flower for cutting, blooms all the year. Likes sandy soil, half shade, and well-drained ground. Each plant should be cut back several times before they are allowed to bloom. This forms a beautiful bed of flowers. Each plant produces a number of blooms and prevents the plant breaking off at the ground because too heavy. When cutting blossoms cut the stem back within an inch of the base. This also helps to keep the plant compact. The entire plant should be pruned once a year, but this should be done in two operations several weeks apart so all the old stems need not be removed at once. White, Blush Pink, Rose and Rose, named varieties of each color. 75c doz.

COREOPSIS LANCEOLATA. Very hardy, brilliant yellow of tall, slender stems. Blooms 6 months, fine for cutting. Rayon d’Or has tube-shaped petals. 50c doz.

CINERARIA. Blooms late winter and early spring, in pots or sheltered shady places. Large heads of bright yellow flowers well above the foliage. 3-in. pots, 25c; 4-in. pots, 25c to 35c; 5-in. pots, 40c to $1.00.

DELPHINIUM BELLADONNA. A magnificent strain of Delphinium. Flowers are large and are arranged from the main stem. Presents a most graceful appearance. Light blue and dark blue. Balled, per doz., 75c; small plants $1.00.

DELPHINIUM GOLD MEDAL HYBRIDS. Various shades of blue. Balled. Each 35c; per doz. $3.50.

DUSTy MILLER (Centaurus CANDIDISSIMA). Low compact plant, silvery white foliage, used for borders. Medium slow growth, very hardy. Very effective contrast to green leaves and shrubbery or bright colored flowers. Flat, 50c doz.

DAISIES, English. Double, all colors. 50c per doz.; $2.50 per 100.

FUCHSIA. Much branching, half tender plants often trained in upright climbing fashion against a wall. Blossoms drooping, bright colored, very beautiful. Needs protection from frost; grows best in cooler portions of the coast districts. 50c.

GAILLARDIA PORTOLA. A new variety with flowers of daisy-like form, named Portola in honor of the discoverer of San Francisco bay. The plant is of strong, vigorous erect habit; flowers from 2½ to 3½ ft. high; the stems are strong and stiff, holding the flowers erect; the flowers are large, from 4 to 5 in. in diameter, the petals being very broad and over-lapping, of great substance, forming a very regular flower; in color a brilliant scarlet with coppery hue which is intensified by the golden yellow with which each petal is heavily tipped. Plants each 15c; doz. $1.50.
GAILLARDIA GRANDIFLORA. Mixed. Composite flowers, variegated with shades of red and yellow. Plants, 1 doz. 50c.

Gerbera Jamesoni
(Transvaal or South African Daisy). Low plants, 2 to 4 inches across. Handsome cut flowers. Blooms from almost white to lemon, salmon-blush, all shades of pink and red to scarlet. Likes well drained soil and sunlight. Not affected by frost, but often dies out, probably from improper watering. Good for brilliant plant. Pots and cans, 25c to 50c.

GAILLARDIA MACROPHILA. Heavy, light green leaves, dark purple compact clusters. Pots and cans, 35c to 75c.

SCABIOSA (Mourning Bride). Hardy, long lived, free blooming. Blossoms somewhat resemble Red Clover. Heads, on long slender stems, beautiful and lasting for cut flowers. All colors. Small plants in flats, 50c.

SHASTA DAISY. Low growing, hardy, large, white flowers on slender stems, 10 to 15 inches in height. 50c doz.

STATICE PEREZI. Large bluish leaves, very large lavender clusters. Very striking, frosty early. 25c to 50c.

STATICE. Low growing, mostly spreading brood foliage, making a compact plant, from which spring tall flower stems, bearing large clusters of very minute flowers. The blossoms are of a stiff texture, and are used as dry everlasting cut flowers. On the plant they last for months and are a very pleasing and entirely unique addition to the garden. Grown in either shade or sun. Flower stems 2 to 3 ft. tall.

STATICE CAPSIA. New variety; fine leaves and daintiest blue flowers; scarce. Small plants, 20c to 50c.

STATICE LATIFOLIA. Leaves flat on the ground, stands freezing, very small lavender flowers. Pots, 20c to 50c.

GERANIUMS

Any of the following list at $1.00 per doz.; 50c each, postpaid. Ready March 15th.

CHAS. TURNER. Ivy leaf. Flower rose pink.

DOUBLE GEN. GRANT. Same as above 10c each, postpaid. Ready March 15th.

LOBELIA COMPACTA. Beautiful blue flowers, small dense foliage, border plants. Flats of 100, $2.50 per; doz. 50c.

GEUM. Leaves in flat rosettes from which spring the slender branching flower stems growing 2 to 21/2 ft., bright red flowers, blooming all the year. Very hardy in all respects. 50c doz.

HOLLYHOCK. Large showy flowers on tall spikes; all colors. 50c doz.; gal. cans 50c.

HYDRANGEA HORTENSIA. This plant is a most satisfactory one, blooming as it does for such a long period; they succeed admirably when planted in a shady place in the garden. Large plants, 50c each.

HETELOPE. Fast growing, spreading plant constantly in bloom, easily frosted. Dark purple and light purple, grows well in either sun or shade. Height 3 ft. Gal. 50c.

LAVENDER. English. Soft gray foliage, lavender flower spikes highly fragrant. One of the hardest and most drought resistant plants. Height 3 ft. Gal. 50c.

LOBELIA COMPACTA. Beautiful blue flowers, small dense foliage, border plants. Flats of 100, $2.50 per; doz. 50c.

MARGERITE (Daisy). Bushy, fast growing plants, constantly in bloom, very hardy. Single White, Double White (Mrs. Sanders) and Pink and Yellow. Small plants in pots, 15c; $1.50 doz.

PENTSTEMON (Beard Tongue). Resembles Snapdragons, but flowers are more tube-like, and daintiest blue flowers; scarce. Small plants, 20c to 50c.

PHLOX, HARDY PERENNIAL (Phlox Decussata). A most showy, brilliant summer flower, in bloom from June to October. Flat heads, 6 to 8 inches across. Entirely dormant during the winter, allowing the bed to be planted to pansies or other winter blooming plants.

PETUNIA. Very hardy, showy plants, free growing, blooming summer and winter. The small, single flowers are the best for winter blooming, and very dry locations. The double and the Giant of California are wonderful for show and beautiful color. May be used in porch boxes and hanging baskets. Need pinching back and fresh fertilizer every three weeks. Double, all colors mixed, Ruffled and Giants of California. Pots, small, 15c each; $1.50 doz. Single, including Lavender, Pink and mixed, beautiful pink. Potted, 15c; $1.50 doz.

PRIMULAS. Chinese and Obconica. Fine subjects for pots, 50c.

SANTOLINA CHAMAECYPARISUS (Lavender Cotton). Gray plant, soft, fine foliage, used for dwarf edging, may be trimmed about four times a year. Very hardy and drought resistant. Flats of 100, $2.50; 75c per doz.

COSMOS. Graceful single blossoms; white, pink, and red flowers in autumn. Grows 6 ft. 50c doz.

DIGITALIS. "Foxglove." An old-fashioned favorite. Very hardy, blooming through the whole year. Tall, slender spikes of brilliant flowers, fine for cutting; all colors. Plants from flats, 50c per doz.; $2.25 per 100.

ASTER, CHINA. One of the most showy summer flowers, fine for cutting, resembles chrysanthemums. Plants, flowers orange, golden or lemon yellow on tall straight stems, not injured by frost. Will bloom in summer, better quality. Fine for winter bedding, blooms very young and continuously. From flats, 50c doz. $2.25 per 100.

CENTAUREA CYANUS (Bachelor's Button). Blue, free blooming annual, growing very fast to 2-3 ft. In flats, 5c each; 50c doz.; Pots, 15c each; 100 doz. 30c.

CENTAUREA IMPERIALIS. Fairly hardy, blooms like canna, does not and fluffier, more like thistle blossoms; beautiful color; fine for cutting. From flats, 50c.

COSMOS. Graceful single blossoms; white, pink, and red flowers in autumn. Grows 6 ft. 50c doz.

LARKSPUR. Double Stock Flowered. A very popular cut flower. Doz. 50c.

MARIGOLD, GOLDEN BALL. This is the extremely double curled and twisted petal variety making a perfect double ball. Doz. 50c.

PANSY. Blossoms from November till June and can be kept in bloom in summer in cool climates or where frosts are late. Commonly used for cutting. Frost resistant type. Plants 50c doz.; $3.50 per 100.

STOCKS. One of the best winter blooming plants, grows 2 to 3 ft., large spikes of fragrant blossoms, all colors. A certain portion always come single flowers. Stands frost well. In flats, 50c per doz.; $2.25 per 100.

ZINNIA. Immense blossoms, often 6 inches across; brilliant, even gorgeous colors, new introductions, lemon yellow, orange, and salmon colors. Plants young and freely, June until frost; bushy. Plants, 50c doz.; $2.25 per 100.

Grasses and Terrace Coverings

GAZANIA SPLENDENS (Sunshine and Shadow). Flat spreading plant, very hardy and drought resistant, used for bedding and ground cover. Flat brilliant yellow flowers with black markings in center, close at night and cloudy days. We have the Orange and Lemon Yellow varieties. 75c per doz.

LIPPIA REPENS (Fog Plant). Flat trailing plant used as lawn and ground cover, very drought resistant, beautiful in summer, flowers resemble white clover. Inclined to grow stemmy with age and in the winter. Potted 18 in. square, well sodded, $1.50.

MESEMBRYANTHEMUM. There are much used for bedding purposes and planting on banks and hillsides where there is a scarcity of water. They bloom well at 18 in. in height when massed. Perhaps the showiest all is the one which produces the large, single, pink flowers. We can also supply plants of the small lavender-colored one, $1.00 at 50 per doz.

TRAILING LANTANA. A plant of wonderful trailing habit with bright lavender blooms. Suitable for hillsides and steep terraces. Pots 15c; gal. cans 35c.
Chrysanthemums and Cannas

From the many varieties of Japanese Chrysanthemums in existence we have picked out those whose merit is unquestioned and which owing to their hardiness are best adapted to the amateur grower. The following varieties will be ready for shipment after April 15th:

**WHITE**

ALGONAC. White, slightly incurved. High rounding blossoms.

AUTOCRAT. Immense snow white blooms and exceedingly fine foliage.

FLORENCE DENZER. A good white variety.

LYNNWOOD HALL. A splendid cut flower of immense size. Pure white.

MISS MAUDE JEFFRIES. White variety with fine foliage. A fine variety for commercial purposes. Dwarf.

MRS. F. J. TRANTOR. Giant reflexed blooms. Creamy white, occasionally penciled rose pink.

WHITE CHIEFTAIN. A pure white sport of Chieftain, quite as good as its parent.

**YELLOW**

BEISSIE GODFREY. A broad petaled canary yellow. Incurved.

ETOILE DU NORD. One of the richest yellows in our collection. A grand golden yellow color.

GOLDEN QUEEN. The best yellow for October. Matures about the 10th. Incurved.

**PINK**

CHIEFTAIN. A very popular commercial pink. Extra good stem and foliage.

LADY HOPETOWN. Light pink. A beautifully formed bloom. Dwarf

LAVENDER QUEEN. A large reflexed lavender pink.

MEUDON. One of the best pinks in cultivation. Immense in size. Unsurpassed.

MRS. T. CARRINGTON. Rosy purple with silver reverse. Good foliage, fine stem and large blooms.

MRS. T. CARRINGTON. Rosy purple. Enormous exhibition variety. Price of any of the foregoing varieties, each 25c; per dozen $2.50; per 100 $17.50.

**RED**

ADELE GRISWOLD. Bright red in color. Fine stem with excellent foliage.

EDGAR SANDERS. Bronze with lighter reverse. Extra large flowers. Fine, heavy foliage.

T. QUITTENTON. Reflexing deep crimson red. Immense size.

INTENSITY. Red bronze reverse. A strong grower.

WILLIAM R. MEREDITH. Dark crimson red with gold reverse. Fine crimson, good stem. An unusual color.

MRS. FRANK BEU. A minute flowered pompon variety. Bright sunflower yellow in color. The dainty flowers composing large trusses, scarcely reach a diameter of half an inch. Although one of the smallest of all pompon Mums, it possesses a grace and elegance of unsurpassed beauty. Highly recommended.

**Cannas**

Any of the following 15c each, $1.25 per doz., postpaid in California, Arizona or Nevada:

HUNGARIA. Semi-tall, green foliage, flower extremely large of deep salmon pink color. Large flowers. Moderate size.

BEACON. Green foliage. Moderate size flowers of very rich cardinal which are produced in great masses. A remarkable bloomer. Height 4 to 5 ft.

MRS. COOMBES. A pleasing shade of deep pink.

MRS. R. C. PULLING. Clear, bright yellow in color and a flower of large size. One of the best varieties for exhibition purposes.

RED

GOLDEN WEST. Very small flowered, borne in abundant clusters; color rich canary yellow.

MARY. A magnificent pink variety, flowers being of medium size; very free blooming.

NEW YORK. Easily one of the finest of all pompon Mums by way of color. A superb shade of reddish bronze. Flowers of moderate size, freely produced on well-branched trusses. A gem for cutting.

RITA. A very dwarf free flowering pompon. A lovely shade of chestnut red. The flowers are quite small—almost a replica of Golden Climax in general contour.

**Pompon Chrysanthemums**

There is an ever increasing demand for this type of small flowered "mum" owing to the fact that they are the easiest to grow and need no disbudding. This type is unsurpassed for interior decoration as their dainty blossoms keep many days. For massing or bedding in the garden they are equally desirable. Price 25c each, $1.25 per doz.

GOLDEN CLIMAX. A beautiful shade of yellow. Flowers of medium size and very effective when cut.
Deciduous and Evergreen Trees

Important
Quotations are at Store, Los Angeles, Postage or Express Extra.
No Plants Sent Out C. O. D.

How to Order: Write your name, postoffice, state and express office plainly on every order and every time you write to us. Give plain shipping directions, where none are given as we use our best judgment, but it must be at the customer's expense and risk. Use one line for each kind ordered.

ACACIA BAILEYANA. Silver wattles with fern-like foliage. Fine for dry situation. 2 to 3 feet. Each 75c.

ACACIA MELANOXYON (Blackwood Tree). A strong upright growing tree. Very desirable for parks and street ornamentation. 50c each.

ACACIA MOILLISSIMA. A fine erect-growing tree, with glaucous green, feathery foliage, flowers yellow, produced in early spring in great profusion. A rapid-growing tree. 2 to 3 1/2 feet, 50c each; 3 to 4 feet, 60c each.

ACACIA RETINOIDES FLORABUNDA. Pendulous habit; sea-green foliage; very floriferous and sweet perfumed. 2 1/2 to 3 feet. 50c each.

ABELIA GRANDIFLORA. A garden hybrid. Free-flowering shrub with small, opposite, glossy green leaves. Flowers are tubular, almost an inch long, white flushed lilac pink. The large, ruddy sepals remain after the flowers fall, adding to the showy effect all summer. A very fine shrub. 50c each.

ARBOR VITAE, GOLDEN. A very choice shrub. It is of a low, compact growth; foliage beautiful golden-yellow. For lawn adornments it is unsurpassed, the yellow foliage contrasting to perfection with the green lawn. Balled, 1 foot. $2.50 each.

ARBUTUS UNEDO. "Strawberry Tree." Europe. 10 ft. A bushy spreading, medium sized shrub with rich green foliage very similar to California Holly. Has many delightful little pearly white bell-shaped flowers in summer, followed by clusters of brilliantly red strawberry-like fruits, ripening about Christmas time. A beautiful shrub and very hardy, as it stands heat, cold and drouth. Gal. containers, 75c.

BETULA ALBA. "Common White Burch." An upright growing tree of great beauty; very ornamental and picturesque among other trees, because of their silvery-white, paper-like bark. Upright, graceful tree with dull green foliage, has white flowers followed by deep red berries. 18 inch, 50c.

BUXUS JAPONICA. Japanese-Box, A very choice shrub. Adapts itself readily to our climate. It is of regular growth with spreading branches forming a rounded head. Leaves are pinnate, with large, leathery, deep green, glossy leaders. Very resistant to drought and not inclined to become dusty. 2 to 3 feet, 50c each.

CAMPELLA SILIQUA. Carob. St. John's Bread Mediterranean region. (T) 40 ft. Although of great economic value on account of its edible pods, this splendid tree is also one of the handsomest ornamentals adapted to our climate. It is of regular growth with spreading branches forming a rounded head. Leaves are pinnate, with large, leathery, deep green, glossy leaders. Very resistant to drought and not inclined to become dusty. 2 to 3 feet, 50c each.

CHORIZEMA ILICIFOLIA. Australia. 3 ft. An attractive shrub with slender drooping branches, holly-like leaves and orange red flowers in loose racemes. It makes a low evergreen mat of foliage and blooms continuously throughout the winter and spring. Gal. containers, 75c.

GROUP OF CONIFERS

CERATONIA SILIQUA. Carob. St. John's Bread Mediterranean region. (T) 40 ft. Although of great economic value on account of its edible pods, this splendid tree is also one of the handsomest ornamentals adapted to our climate. It is of regular growth with spreading branches forming a rounded head. Leaves are pinnate, with large, leathery, deep green, glossy leaders. Very resistant to drought and not inclined to become dusty. 2 to 3 feet, 50c each.

CHORIZEMA ILICIFOLIA. Australia. 3 ft. An attractive shrub with slender drooping branches, holly-like leaves and orange red flowers in loose racemes. It makes a low evergreen mat of foliage and blooms continuously throughout the winter and spring. Gal. containers, 75c.

CHOSYA TERNATA. Mexican Orange. (S). 8 ft. Compact shrub of rather slow growth. Leaves light green, divided into three leaflets, fragrant when crushed. Bears a profusion of white, very fragrant flowers in broad clusters. 50c.

COCOS PLUMOSA. "Ornamental Cocoanut Palm." Slender, smooth trunk, clothed near the apex with remnants of the dead petioles. Leaves spreading and recurving, plumy and graceful. A quick grower, ultimately 50 feet in Southern Florida and California. The favorite avenue or street tree. $1.50 and up.

COTONEASTER PANNOSA. A vigorous-growing shrub of a droopy habit. Gray foliage, has white flowers followed by deep red berries. 18 inch, 50c.

SEEDLINGS. $1.50 gal. can.

PINK PERFECTION. Grafted, shell pink, very double. 1 1/2 ft. $3.50.

RED AND WHITE VARIEGATED. Grafted, large, double flowers. 1 1/2 ft. $3.50.

CAMPHOR TREE. A fast-growing, very symmetrical, ornamental tree, thriving in the very poorest soil. A native of Japan. Bright green foliage; well adapted for lawn purposes. 2 feet, 75c each.

CASUARINA STRICTA. Its upright growth and reed-like foliage make it an ideal street tree. Will grow in most any soil and stands considerable drouth. 2 to 3 ft., in gallon cans, 75c.

CATALPA SPECIOSA. "Trumpet Tree." Called Trumpet Tree because of the form of the flowers which look like trumpets. Native of North America. A tree of great beauty, with large bright green foliage and showy panicles of white and yellow flowers with red-brown specks. Likes moisture and well drained soil. Very ornamental. $2.50 and up.

CEDRUS DEODARA. "Himalayan Cedar." 50 ft. A magnificent and stately evergreen conifer of towering pyramidal form, from the Himalaya mountains. Foliage beautiful silvery green. One of the most handsome trees for the lawn. An excellent tree for broad avenues. The most rapid grower of all Cedars. 5 gal., $1.50.

ANNUAL DESCRIPTIVE CATALOG
C. FRANCHETTI. Similar to the pannosus in the habit of growth, not quite as tall growing. Large yellow berries, grey foliage. 18-inch, 50c.

C. MICROPHYLLA. Low, prostrate, densely branched, small leaves, shining green, red berries. 18-in., 50c.

COPROSMA BAUERI. New Zealand. (S) Low-growing shrub, or can be trained up as a low climber. Leaves are rounded, green and wonderfully glossy, exceeding any plant we know of in this respect—dust will not stick to them. Flowers are inconspicuous, but followed by clusters of showy, yellow berries. 55c each.

CRATAEGUS LELANDI. The most prolific bearer of beautiful orange berries, that hang in great clusters over the entire bush from late summer to the last of February. 18-inch, 50c.

C. AUGUSTIFOLIA. This plant originated in China. Growth spreading somewhat thinly, leaves long and narrow, berries very abundant of orange yellow color and holding throughout winter. 18-inch, 50c.

C. CRENULATA. An excellent tall growing shrub bearer of beautiful orange berries in great clusters. 18-inch, 50c.

CRYPTOMERIA JAPONICA. The Cryptomeria thrives best in a dry, hot climate; therefore it is just the tree for this State. It is of rapid growth, and is very ornamental as a young tree. Gallon can, $1.00.

CUPRESSUS ARIZONICA. "Arizona Cypress." 40 ft. A beautiful bluish-green cypress, of narrow pyramidal form from the mountains of Arizona and Northern Mexico. A handsome ornamental tree for hot dry sections and when planted in hedge form makes an excellent thick windbreak. Potted, 5 gallon containers, field grown, 5 to 6 ft., $2.50; gallon containers, 2 to 3 ft., 50c each.

CUPRESSUS SEMPERVIRENS. "Italian Cypress." 60 ft. A tall slender tree with erect branches, having a pillar or columnar effect. A useful subject for gateways, arches, tall borders, etc. Our trees are the true narrow type, grown from cuttings. Established in 5-gallon containers, 5-6 ft., $2.50; gal. 50c; balled, $2.50 and up.

CYPRESS, LAWSON. This California species has great beauty. It is of rather an upright growth; the branches droop gracefully, and the foliage is of a lovely sea-green color. 50c each.

CRYPTOMERIA JAPONICA

CYPRESS, MONTEREY. A native of California, and one of the most desirable of evergreens. Very extensively planted for hedges. Gallon cans, 50c. In flats, $2.50 per hundred.

DIOSMA ALBA. Breath of Heaven. A handsome little shrub, with heart-like foliage and small, white, star-shaped flowers. The leaves when bruised emit a sweet perfume. 50c each.

ERICA MELANTHERA. One of the most desirable of the Heath family. Throughout late winter and spring the whole bush is literally covered with light rose-colored flowers. Balled 1½ to 2 feet. $1.50 each. Large plants, 50c each.

EUCALYPTUS FICIFOLIA. (Scarlet flowering gum.) Very ornamental dwarfshrub variety. Large glassy leaves. Flowers in large clusters usually on end of the branches. Gallon containers, 75c.

EUCALYPTUS GLOBULUS. Tasmanian Blue Gum. One of the most useful of all evergreens for hedges or for individual planting. Erect habit, with beautiful glossy foliage. Can be trimmed into almost any shape. 50c each.

EUONYMUS JAPONICA. One of the finest evergreen ornamentals for hedges or for individual planting. Erect habit, with beautiful glossy foliage. Can be trimmed into almost any shape. 50c each.

GARDENIA FLORIDA. "Cape Jasmine." 2 feet. Flowers in abundance of white flowers; well adapted wherever it will thrive. 50c each.

GERANIUM ROBERTIANUM. "Ragged Robin." An excellent summer bloomer; has a very attractive flower and is of great value in the garden as a ground cover or pot plant. Balled, 1½ to 2 feet. $1.50 each.

GENISTA FRAGRANS. (Cyrtisus racemosa). "Sweet Broom." Canary Islands. 6 ft. A delightful spring and summer flowering shrub with many small grass-green leaves and absolutely covered when in bloom with pea-shaped bright yellow flowers. The best of all the Brooms for general use. Gallon can, 75c.

GENISTA SCOPARIUS (Scotch Broom). Rigid, erect branches. Low, dark yellow flowers that resemble Sweet Peas. Gallon containers, 75c each.

GREVILLEA ROBUSTA. "Silk Oak." 150 ft. A graceful tree with fern-like leaves; covered in summer with golden-rod flowers; valuable for avenue planting; very drought resistant. Potted, gallon containers, 1 to 2 ft., 75c.

GREVILLEA THELEMANIA. Beautuful evergreen shrubs having fine feathery foliage and producing throughout the summer clusters of brilliant scarlet flowers, borne on the ends of the branches. Potted, 1½ to 2 ft., 75c.

HIBISCUS SINENSIS. "Chinese Hibiscus." Asia. 6 to 10 ft. One of the showiest summer bloomers of this class, having large glossy leaves and immense bright colored flowers. Likes a sunny position and does not stand frosts. We can supply Apricot, Peachflow, Apricot, Single Red, Double Red. Potted, gallon containers, 1 to 2 ft., 75c.

HYPERICUM MOSEIRANUM. Produces long, slender, much branched stems, leafy to the base and all drooping towards the ends; it is marvelously free flowering of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers; blooms continuous the entire season. Strong plants, 75c each.

JACARANDA OVALIFOLIA (J. Mimoso- folia). Brazil. 50 ft. Symmetrical tree with bipinnate, extremely finely divided, large leaves. Flowers tubular, violet blue, with large panicles. Too tender for sections that have heavy frosts. Highly valued wherever it will thrive. 50c each.

LAURUS LUSITANICA. (Portugal Laurel.) Blackish green, glossy leaves. Fragrant flowers borne in large panicles. In gallon containers, 75c each.

LAURustinus. A well-known winter-flowering shrub of great beauty, producing an abundance of white flowers; well adapted for hedges. 35c each.

NARDIUM—OLEANDER
Books for Better Gardens

AROUND THE YEAR IN THE GARDEN, by F. F. Rockwell. Starts with preparations in January and gives seasonable directions for caring for the garden each week, until the annual cycle is complete with putting the garden to sleep for the winter. Ill., 350 pp., $3.50.

THE BOOK OF BULBS, by F. F. Rockwell. Pictures and text take you into the garden and show the almost limitless possibilities that bulbs offer. Types are discussed and varieties appraised for their suitability to different uses. Complete information on growing and propagation. Ill., 272 pp., $3.00.

THE DESIGN OF SMALL PROPERTIES, by M. E. Bottomley. More than 50 examples of layouts for the general development of small city and country homes are presented. Gives descriptive lists of trees, shrubs, vines, and flowers selected and arranged for their planting and maintenance. Ill., 265 pp., $3.00.

THE NURSERY MANUAL, by L. H. Bailey. Outlines all the details of successful nursery practice for both professional and amateur. One section describes general nursery methods, especially propagation practices; the other section has a complete list of nursery plants, with the propagation and cultivation methods required for each. Ill., 456 pp., $2.50.

MANUAL OF GARDENING, by L. H. Bailey. This twelfth printing brings up-to-date the information on fruits, vegetables, and ornamental plants, their propagation and culture, protection from insects and diseases and general landscaping effects. Ill., 359 pp., $3.00.

SHRUBS, by F. F. Rockwell. Shows you how to select and plan shrubbery plantings for home beautification; how to use various shrubs for flowers, foliage, fruits, and bark effects; how to plant, mulch, prune, and protect the plants from insects and diseases. Ill., 96 pp., $1.00.

POPULAR POULTRY POINTERS, by R. H. Hannas. Points which help to build up and keep a profitable flock of chickens. Ill., 207 pp., $2.25.

THE ROSE IN AMERICA, by J. H. McFarland. Beautifully illustrated in color and sepia and replete with practical suggestions, this new and enlarged edition has an important place on every rose fancier's book shelf. Ill., 233 pp., $3.00.

A SIMPLE GUIDE TO ROCK-GARDENING, by Sir J. L. Cotter. Tells briefly how to build rock, wall, and bog gardens, how to plant, what to plant, and how to care for and cultivate the plants. 126 pp., $1.00.

A WOMAN'S HARDY GARDEN. ANOTHER HARDY GARDEN BOOK, by R. Hannas. Points which help to build up and keep a profitable flock of chickens. Ill., 207 pp., $2.25.

EILIA ROSEA. Elegant shrub from Japan; they produce superb large, trumpet-shaped flowers of a fine rose color. 2 to 3 feet. 50c each.

For those who love the romance of gardening the above listed volumes will meet with much favor and add more zest to the "philosophy" of plant life.
Citrus and Deciduous Fruit Trees

If you want a description in quantities of ten or more of a kind ask for prices, submitting list for quotation.

Important
Quotations on Plants, Trees and Shrubs are all Free on Board Car (packed for shipment) Los Angeles, Calif., and freight or express at purchaser’s expense; where not otherwise quoted. No plants sent out C.O.D.

Fruit Trees

HANDLING BARE-root STOCK

Plant your trees and vines as soon after receiving them as possible—do not allow the roots to get dry. Dig the hole large enough to take the roots without crowding them. Set the tree and fill in enough to hold the tree upright then put on enough water to settle the soil about the roots when it is soaked up, fill up the hole, make a basin about the tree and water every 10 days or 2 weeks again. Prune the tree back to a single stem 20 to 36 inches.

When setting out balled trees do not remove the burlap, as to remove it may crack the ball dirt around the roots and injure them. Set the tree in a hole and fill in about two-thirds of the soil then cut the top string around the tree and water every 10 days or 2 weeks again. Prune the tree back to a single stem 20 to 36 inches.

Avocados

This tree not only produces one of the most delicious fruits, but is equally as well classed as an ornamental evergreen. Until within a few years it was looked upon as a purely tropical product, but is now being successfully grown in Southern California. FUERTE. Very rich and quite large. One of the best. $5.00 each.
LYON. A strong grower and abundant bearer. Fruit greenish purple, weighing 10 to 20 ounces. $5.00 each.
SPINKS. This we consider one of the very best varieties. Fruits very large, weighing one to two pounds when ripe, and of a deep purple color. A prolific bearer. $5.00 each.
SEEDLINGS. Plants eight by twelve inches high at 50c each.

Washington Navel Orange

Oranges

WASHINGTON NAVAL. Seedless. This is the most popular variety of orange in Southern California. The tree is a thrifty grower and is a prolific bearer. The fruit is large, flesh meaty, tender and sweet. Peel smooth and tough. Ripens December to April. $2.50 each.

VALENCIA. Next in popularity to the Washington Navel. As the navel season closes the Valencia season begins and lasts through the summer months when lemons are in the greatest demand. Finest variety for shipping. $2.50 each.

TANGERINES. Dancy. Orange red skin. Pulp highly flavored and of the best quality. Ripens February to May. $1.00 each.

Lemon

EUREKA. This is the leading variety. Fruit uniform and of medium size. Rich in juice of the highest quality with few seeds. Bears heavy and continuously, especially during the summer months when lemons are in the greatest demand. Finest variety for shipping. $2.50 each.

Grapefruit

MARSH SEEDLESS. Fruit of good size; juice abundant and of exceptionally fine flavor; rich and piquant. Rind thin and lemon yellow. Tree compact and vigorous growing. $2.50 each.

Lime

MEXICAN. An old and well-known variety. Fruit medium size. Tree semi-dwarf habit and quite prolific. $3.50 each.

Kumquats

Trees are dwarf producing in great abundance small, handsome, olive-shaped fruit of rich golden hue. Highly ornamental. $5.00 each.

Washington Navel Orange

Loquats

SEEDLINGS. Two to four feet. 2 ft. 50c; 3 to 4 ft. seeding $2.00; 3 to 4 ft. budded $3.50.

Deciduous Fruits

Apples

Price, 4 to 6 feet, 75c each.

BELLOWS. In California this variety reaches its highest type of perfection and is one of the most highly esteemed varieties grown. One of the best for this section of the country.

GRAVENSTEIN. Tree a vigorous grower, fruit large, skin yellow splashed with red and orange, flesh tender, crisp and highly flavored, a strong grower and heavy bearing tree. A standard fall apple in this State. August.

JONATHAN. Medium size, conical. Skin light yellow, with red stripes, and deep red in the sun. Flesh tender, juicy and rich. One of the best apples for Southern California, including the Mountain Valleys and Plateaus. October to December.

NEWTON PIPPIN. Fruit large, golden yellow, flesh firm, crisp and juicy, extensively grown in California. Good keeper.

RED ASTRACHAN. Large, early, bright red; a fine early kind.

RHODE ISLAND GREENING. Large and round. A fine table for table cooking. Flesh yellow, fine grained, tender, crisp, juicy, slightly acid. A healthy and very popular tree. October and November.

ROME BEAUTY. Large and roundish, yellow shaded and striped with bright red. Flesh yellowish, juicy and sprightly. Good late keeper. One of the very best varieties for the mountain valleys of Southern California.

WHITE WINTER PERMAIN. One of the universal apples in California. A big commercial variety. Flesh yellowish, crisp, tender and juicy, with an elegant sub-acid flavor. A strong and healthy grower. Succeeds well in all parts of the State. November to January.

WINESAPS. Medium size, roundish oblong. Color of skin, dark red. Flesh yellow, crisp and rich flavor. A good bearer and largely grown. An excellent table variety and one of the best for cider. November to February.

WINTER BANANA. A comparatively new variety. Fruit large and well formed, yellow shaded with red. Flesh yellow with a rich aromatic sub-acid flavor of the best quality.

Crab Apples

Priced same as apples.

RED SIBERIAN. Fruit about an inch in diameter; yellow, with a scarlet streak.

TRANSCENDENT. The most popular of the crab. Trees vigorous and very productive. Skin yellow with red stripes. Fine for jellies and preserves.

Almonds

Each 75c.

ALMONDS, I. X. L. One of the popular varieties, medium soft shell; tree a strong grower.

ALMOND NE-PLUS-ULTRA. Nut large, soft shell; a regular and heavy bearer; an old standard sort.
**Apricots**

**Each 75c**

**BLENHEIM.** Fruit large and oval; orange color; flesh deep yellow; rich and juicy. A great favorite for canning and for drying. Middle of June.

**ROYAL.** Fruit medium, oval, slightly compressed; dull yellow; flesh pale orange, with rich, vinous flavor; more extensively planted than any other variety; excellent for canning and drying.

**TILTON.** Large, deep color, flesh firm and sweet, uniform in ripening and very productive. Early.

**CHERRIES**

**Each 75c**

**BLACK TARTARIAN.** An old standard; tree a remarkable vigorous, erect and beautiful grower and an immense bearer; fruit deep purplish-black; flesh rich, juicy, delicious.


**NAPOLEON BIGARREAU (Royal Ann).** A magnificent Cherry of the largest size; pale yellow, becoming amber in the shade, with a bright red cheek; flesh very firm, juicy and sweet; tree rapid grower and immense bearer; excellent for canning, preserving and shipping.

**Figs**

**Each 75c**

2 year old branched $1.00

**WHITE SMYRNA FIG**

**BROWN TURKEY.** This is a very large fig; color violet brown; the earliest of all large figs.

**KADOTA.** A white fig of medium size, prolific bearer. Trees bear when very young.

**MISSION (California Black).** The large black fig most common in California. It is a good grower and bearer.

**WHITE PACIFIC.** Large size fig; color green; flesh light pink. When fully ripened as sweet as honey; a good producer.

**WHITE SMYRNA.** A medium-sized tree of spreading habit; fruit skin thin, grayish-green; a splendid table fig.

**CAPRI OR WILD.** Capri No. 1. A rapid grower. Fruits crop ready for distribution first week in June. Each, $1.00.

**Olives**

**Each 1.50**

**MANZANILLO.** Strong grower. Fruit large and oval shape. Very prolific and the best for commercial purposes.

**Peaches**

**Each 75c**

**EARLY CRAWFORD.** Very large, oblong; skin yellow with fine red cheek; flesh yellow; very sweet and excellent.

**ELBERTA.** Large, bright yellow with a beautiful mottled red cheek; flesh yellow, juicy, sweet; a good bearer and strong grower; an excellent market variety.

**GEORGE THE FOURTH.** Large round, skin creamy white with red cheek. Flesh pale, juicy and rich. Esteemed for its exquisite flavor. Very desirable for the home garden. August.

**J. H. HALE.** A freestone of large size; highly colored; the flesh is yellow and extremely firm, yet tender and delicious. Unsuspected for canning or for a fresh table fruit. Ripens about the same time as the Elberta. One of the new varieties.

**LOVELL.** The leading commercial freestone for canning and drying. Vigorous grower and good producer. Flesh firm and yellow to the pit. August.

**WHITE SMYRNA FIG**

**BARTLETT PEAR**

**Each 75c**

**HACHIYA.** This tree is a very vigorous grower of upright habit. Fruit very large and oblong and of very fine quality. Early.

**TANE NASHI.** A strong vigorous grower and a very prolific bearer. Owing to the large size of the fruit and lack of any seeds, it is a distinct favorite. Skin light yellow changing to bright red when fully ripe. Ripens in September and is recommended for drying.

**Plums**

**Trees 4 to 6 feet, $2.50**

**HACHIYA.** A large size of the fruit and lack of any seeds, it is a distinct favorite. Skin light yellow changing to bright red when fully ripe. Ripens in September and is recommended for drying.


**GREEN GAGE.** Medium size, round. Skin yellowish-green. Flavor rich and sweet when fully ripe. An old favorite. August.
**KELSEY JAPAN.** A very large, heart-shaped; skin mixed yellow and purplish color covered with bloom. Flesh yellow, very firm, and clings somewhat to the pit which is very small.

**IMPERIAL.** Good size, light purple, thin skin. Flesh full of flavor and very sweet.

**FRENCH.** Medium size, egg shape, violet purple; very sweet and sugary; the most extensively planted for drying.

**Pomegranates**

**Price 75c each**

**WONDERFUL.** Very ornamental growing shrub with beautiful yellow fruit. Pulp is of rich garnet color, juicy and a pleasing slightly sub-acid flavor.

**Nectarines**

**Price 75c each**

**BOSTON.** Large, yellow with red cheek, flesh yellow, sweet and fine flavor. Freestone. Ripens late in July.

**STANWICK.** One of the leading varieties. Large size, flesh white, juicy and very sweet. Skin greenish yellow with red cheek. Very desirable for family orchard. Ripens in August.

**Quinces**

**Price, 4 to 5 feet, 75c each**

**APPLE OR ORANGE.** Large; bright yellow; the best.

**Walnuts**

**Price, 4 to 5 feet, 75c each**

**PLACENTIA PERFECTION.** Best for along Coast districts. Each, $2.50 (budded).

**EUREKA WALNUTS.** (Budded.) Best for interior valleys. Each, $2.50.

**Grapes**

**Price 20c each; $2.00 per dozen Postpaid. Except where noted**

**BLACK CORNICHEON.** Fine table grape. Strong grower. Fruit very dark purple, olive shape and of fine flavor. October.

**BLACK MOROCCO.** Good bearer. Fruit large, sweet, juicy, and purplish black when ripe. Late September.

**EMPEROR.** Strong grower and heavy producer. Bunches large and long. Fruit large, thick skinned, oblong and deep rose color. October.

**FLAME TOKAY.** Beautiful foliage, particularly productive and bunches very large often weighing eight pounds. Fruit large oblong firm and of beautiful red color. September.

**BLACK MISSION.** The old standard wine grape.

**ZINFENDEL.** (Purple) A variety both good for table or wine.


**MUSCAT.** The most popular white grape grown. Splendid to eat in green state and the best for a raisin grape. Ripens in September.

**CONCORD GRAPES**

**Best white American type of grapes. Bunches medium size and compact. Greengage white. Fine flavor.**

**PIERCE CONCORD OR CALIFORNIA CONCORD.** This variety is highly valued for its ornamental appearance and its fine eating qualities. Strong grower, heavy producer, foliage of exceptional size and bunches very large. Fruit very large, glossy black of fine flavor and aroma. Highly recommended.

Take advantage of our Special Coupon Order Sheet
The Berry Fruits

Blackberries

COREY'S THORNLESS. This is a wonderful new berry, with all of the excellent qualities of the Mammoth, but absolutely thornless. Makes a vigorous growth. Fruit large and surpasses all other blackberries in flavor. Very prolific and being thornless makes picking easy. 25c each; $2.50 per dozen.

HIMALAYA GIANT. A remarkable grower, canes growing 40 feet in a single season. It should be trained on a trellis; a tremendous bearer and good shipper. Very few seeds. For canning and jams it has few equals and is also a fine table fruit. 15c each; $1.50 per dozen.

MAMMOTH BLACKBERRY. A mammoth in growth and unlike any other blackberry plant. In a favorable season it has attained a growth of 20 feet. The foliage is large and thick and of a deep green color. Fruit is enormously large, some berries being 2½ to 3 inches long; ripens three weeks before other kinds. Fruit very large, dark red and produced in immense clusters. One of the finest berries in existence. The best results are obtained by growing on a low trellis. Plant in rows seven feet apart and six to eight feet in the row. 15c each; $1.50 doz.

LOGANBERRY. A cross between the raspberry and the blackberry, and partaking of the flavor of both, only more delicious than either. Seeds few; ripens early; excellent for table either raw or stewed. This berry is unlike any other in existence. Fruit very large, dark red and produced in immense clusters. One of the finest berries in existence. Should be grown on a trellis to obtain the best results. The fruit is large and black and glossy, very sweet and delicious. 15c each; $1.50 per doz.

GOARDEN DEBBERRY. This is known as the trailing Blackberry on account of trailing habit of growth. It is a strong grower and an abundant bearer. Should be grown on a trellis to obtain the best results. The fruit is large and black and glossy, very sweet and delicious. 15c each; $1.50 per doz.

Raspberries

CUTHBERT. This is the leading red variety. The plant strong and hardy, free grower and abundant bearer. Foliage large and abundant, which protects fruit well. The berries are large, beautiful deep crimson color and of most pleasing flavor. The best commercial variety for market and shipping. 15c each; $1.00 doz.

LA FRANCE. The new Giant Everbearing Red Raspberry. It produces extra large deliciously flavored, sweet, juicy berries. The plants carry ripe fruit from May to November. Fine large roots. 25c each; $2.00 per doz.

ST. REGIS. The "early till late" variety. It not only ripens early but produces good crops throughout the season. Berries large and not surpassed in flavor. Strong grower with abundant foliage. Will bear fruit the first year. 15c each, $1.00 per doz.

Currants

CHERRY. Vigorous and productive when grown on good soil and cultivated; berries large, deep red; rather acid 25c each; $2.50 per doz. prepaid.

PERFECTION. A new variety of good quality; berries of good size; color a beautiful bright red; flavor rich, mild and sub-acid; exceedingly productive. 25c each; $2.50 per doz. postpaid.

GUAVA

PROGRESSIVE EVERBEARING (New). Although this variety has been grown in the east for several seasons it is new to this coast. At our trials we have found this a most satisfactory berry. The fruit are of good size and borne in large clusters. Plants are of vigorous growth and wonderfully productive. 50c doz.; $2.50 per 100; $18.00 per 1000.

Corey’s Thornless Blackberries
Fertilizers for Garden and Lawn

SOIL FERTILITY

The maintenance of soil fertility is one of the most difficult problems that farmers and gardeners have to contend with, and although they can, to a certain extent, keep up the fertility of their soil by the use of manure, proper rotation of crops, and other intensive farming methods, there are certain plant-food elements which can only be restored to the soil through the use of Commercial Fertilizers.

Plants, like animals, must be fed a balanced ration if successful results are to be attained. The use of barnyard manure on a proportion to meet the needs of different soils is what makes it dig in and operate so efficiently. $2.50 each.

E. Z. DEVIL GRASS RAKE NO. 13. A grass rake and lawn cultivator of the most modern construction; the shape of the blade is such that it cuts and in operate so efficiently. $2.50 each.

E. Z. DEVIL GRASS RAKE NO. 20. This is of the same fine construction as No. 13 but in addition has 7 extra teeth across the top. This type is the one used by gardeners for real heavy work. $3.25 each.

E. Z. GARDEN CULTIVATORS. Ideal in manufacture as the devil grass rakes, but have less teeth and are the handiest kind of tool for any garden work. $1.00 each.

E. Z. LAWN EDGER. Constructed of a beveled edge circular steel plate with long handle, and is a very handy tool; its use keeps the edges of the lawn along the side-walks evenly trimmed. $1.50 each.

E. Z. EVER-READY LAWN EDGER. Can be bolted to the rear of the Lawn cultivator and when not in use is up over the top of the mower out of the way. $2.00 each.

E. Z. CULTIVATOR HOOKS. Can be used on any size E. Z. Cultivator. 15c each.

E. Z. GRASS CATCHER HOOKS. Can be attached to any standard lawn mower and are made of best grade steel. 10c each.

E. Z. WEEDER. This is the most practical practical on the market as it provides a leverage for pulling the weed and the guard protects the hand. 30c.

GYPSPUM. This is not a fertilizer, yet it has an indirect fertilizing value, which is mainly due to the fact that it has the power of converting unavailable forms of plant-food, especially potash, into available forms. A heavy dressing of Gypsum will greatly improve any heavy soil, rendering it lighter and more easily cultivated, and relieve the tendency to crust and bake. If your soil has a tendency to crust and bake, you will do well to use 100 lbs. $1.25. Write for quantity prices.

NITRATE OF SODA or Chile Salt Petre is the most available form of nitrogen and therefore very quick acting. Very useful in forcing plants or crops. A top dressing on a yellow or sickly lawn will make it turn green overnight. Price 15c lb.; 4 lbs. 30c; $5.00 per cwt.

Amateur garden makers are often puzzled as to the amount of fertilizer needed for their small plots, because the usual directions give only a pound per plot. The following table shows (approximately) the proper proportions:

100 lbs. per acre equals 1 lb. for a plot 10x41 feet.

200 lbs. per acre equals 1 lb. for a plot 10x21 feet.

300 lbs. per acre equals 1 lb. for a plot 10x14 feet.

400 lbs. per acre equals 1 lb. for a plot 10x11 feet.

500 lbs. per acre equals 1 lb. for a plot 10x9 feet.

SOIL SULPHUR. Specially prepared to neutralize alkali soils and also a great help in promoting nitrification. Also a great help in destroying insects such as wire worms, nematodes and fungus spores. Price per sack $4.10.

Garden Tools and Nursery Supplies

All prices in this department, unless otherwise stated, are F. O. B. Los Angeles.

(Prices subject to change without notice.)

E. Z. DEVIL GRASS RAKE NO. 11. A grass rake and lawn cultivator of the most modern construction; the shape of the blade is such that it cuts and in operate so efficiently. $2.50 each.

E. Z. DEVIL GRASS RAKE NO. 20. This is of the same fine construction as No. 13 but in addition has 7 extra teeth across the top. This type is the one used by gardeners for real heavy work. $3.25 each.

E. Z. GARDEN CULTIVATORS. Ideal in manufacture as the devil grass rakes, but have less teeth and are the handiest kind of tool for any garden work. $1.00 each.

E. Z. LAWN EDGER. Constructed of a beveled edge circular steel plate with long handle, and is a very handy tool; its use keeps the edges of the lawn along the side-walks evenly trimmed. $1.50 each.

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E. Z. WEEDER. This is the most practical practical on the market as it provides a leverage for pulling the weed and the guard protects the hand. 30c.

HOT KAPS are the only absolutely safe method of protecting young plants from both heat or cold, and their use insures earlier, stronger and better plants. $1.00 per cwt.

10,000 . 11.00 " "
5000 . 11.00 " "
2500 . 11.00 " "

Prices on larger quantities on application.

HOT KAP SETTER. A very useful and handy article for properly setting hot kaps, as it is the same size and shape as the hot kap and it dises the proper weed seed near it. Either size, $2.50 each.

LYON TEMPERATURE ALARM. Constructed of the very best materials and it operates on both high and low temperature. Can be installed with either a transformer or dry batteries on an electric bell circuit. When either the high or low temperature that it is set for is reached the bell rings. Order now while supplies last. $7.00 each.

POULTRY EQUIPMENT.

Poultry Equipment.

Remember we are headquarters for poultry supplies, including incubators, brooders and all modern appliances. Correspondence is invited from people contemplating the purchase of supplies and the establishment of poultry farms.

THERMOMETER—MAXIMUM and MINIMUM. These type of thermometers record with indexes the temperature for any period, showing the maximum and/or temperature. They are used by successful commercial and/other persons requiring a control on temperature. $7.00 each.

THERMOMETER—MINIMUM. This type of thermometer records, with an index, the minimum temperature only for a period. Those who are interested in knowing what the coldest point was for a certain period will find this a most satisfactory thermometer. $2.50 each.

WITHERSPOON WATERING CANS. We are headquarters for this watering can in Southern California. It is constructed with a spout and a curved handle and is perfectly balanced. Has two size perforated sprinkler heads. 8 qt. size, $3.75; 10 qt. size, $8.50.
We carry a full line of Gardner's and Nurserymen's Supplies, such as Pruning Shears, Budding and Grafting Knives, Trowels and other Requisites.

**Grass Shears**

**Grass Shears.** Good quality. Each $1.00.

**Grass Shears No. 90.** The best shear made for this work. This is a light hedge shear. Made particularly for grass, border shears, or succulent hedge shear. High quality. Each $1.50.

**Pruning Shears, Etc.**

No. 1. **LADIES FLOWER SHEARS.** 7-inch. Each $1.25.

No. 2 and 13. **THINNING SHEARS.** Especially used for thinning grapes. No. 2, $1.00; No. 13, 75c each.

No. 3. **GARDEN SHEAR.** A new Henckels lightweight shear of good material. Full polish, 7-inch. $2.25 each.

No. 4. **PRUNING SHEAR.** Good made shear for general light work. 8-inch, $1.75 each.

No. 6. **REISER PATTERN.** Made of the best steel with strong shoulders for heavy work. Equipped with long brass spring for quick and easy action. Ratchet nut. 9-inch, $4.00.

No. 6. **GENUINE REISER.** Made in Switzerland. 7 1/2-inch, $6.50; 8 1/2-inch, $7.50.

No. 8. **HENCHEL'S PROFESSIONAL.** Of the same high grade material as No. 6 but has each curve to the jaw, 8 1/2-inch, $6.00.

No. 10. **SWISS SHEAR.** Henckels made. Best of material. Equipped with long brass spring and safety spring catch. Medium weight. 7 1/2-inch $3.50.

No. 11. **GARDEN SHEAR.** Henckels made, fine polish, thumb catch. 7-inch, $3.50.

No. 12. **PRUNING SHEAR.** Imported medium weight shear for general garden work. Spiral spring. Nice size for lady to use. 7 1/2-inch $2.25 each.

No. 14. **LOPPING SHEAR.** One of the best shears for heavy work made. Makes cleaner cut and more closely than any lopping shear on the market. These have 22-inch handles: No. 14, Light grade. 1 1/2-lb. $3.25. No. 14, Extra heavy. 4-lb. $4.25.

No. 19. **HEDGE SHEARS.** Forged solid steel blades, offset shank; hardwood handles:

- 5-inch, wt. 1 1/2 lbs. Each $1.50
- 8-inch, wt. 3 lbs. Each $3.00
- 10-inch, wt. 3 1/2 lbs. Each $3.50

No. 15. **BUDDING KNIFE.** Maplewood handles; non-closing blade of best imported steel. 50c each.

No. 16. **GRAFTING KNIFE.** Made of best imported steel, maple handle. Non-closing. 75c each.

No. 17. **PRUNING KNIFE.** Made of good heavy imported material. Non-closing. 80c each.

No. 18. Light weight. 60c each.

No. 5. **SPIRAL SPRING.** For all sizes shears. Give length of shear when ordering. 25c each.

No. 7. **SHEAR BLADE.** These are for the better grades of pruning shears. 50c each.

No. 9. **TREE PRUNER BLADES.** For either standard or Waters make. 25c each.

**Budding, Grafting and Gardeners’ Knives**

**BUDDING KNIVES** require the best of steel in their makeup, as the blades must be light and thin and hold almost a razor edge. Irony handles, tapered, imported steel, $3.00 Black handle, ivory pusher, German made 2.25

**SIMPLICITY HEDGE PRUNER AND TRIMMER.** For pruning back old growth and trimming new this implement is the acme of perfection, and far in advance of the present day Pruner or Lopping Shears. $8.00.

**THE SIMPLICITY HEDGE TRIMMER** trims every variety of hedge grown. Will trim a hedge to any shape and cut desired. Make your hedge trimming a pleasure by ordering a Simplicity today. $3.50.

**Trowels**

No. 1. Heavy pressed steel blade and shank, half polished with red enamel finish, hardwood handle __________ $3.50

No. 2. Pressed steel blade, with cast shank riveted to blade, polished hardwood handle __________ $3.35

No. 3. English pattern socket trowel. Forged from one piece of solid crucible steel, highly polished handle of selected hardwood, polished. Straight or drop shank ______ $1.00

No. 4. Blade and shank forged from one piece steel, half polished and half enameled. Polished hardwood handle. 6 inch blade ______ $ .75

No. 5. Three-tine garden fork. Malleable iron tines and shank, well tinned __________ $3.40

No. 6. Gem garden fork. High grade crucible steel, flat tines, hand forged, tempered and polished; 5-inch polished ash handle _______ $3.60

**EUREKA.** Made of same material as No. 6, with oval pointed tines bent one inch from the end ______ $3.60

No. 7. **ALL STEEL.** Pressed from one solid piece of steel, enameled black.

- 1 1/2-inch blade ______ $ .25
- 2-inch ______ $ .25
- 2 1/2-inch ______ $ .30
- 3 1/2-inch ______ $ .30
- 4-inch ______ $ .35

No. 8. **TRANPLANTING.** Blade and shank stamped from one piece sheet steel and non-hardwood handle.

- 5-inch blade ______ $ .30
- 6-inch blade __________ $ .30
- 7-inch blade __________ $ .35

No. 9. **BULB.** Blade and shank of best crucible steel hand forged. Polished hardwood handle, brass ferrule ______ $1.00

**Implements and Nursery Supplies**

**GRRAFTING WAX.** For waxing over buds, and grafts to keep air out, also excellent for covering tree wounds in tree surgery or pruning. 1/4 lb. cakes, 20c; 1/2 lb. cakes, 35c; 1 lb. cakes, 60c.

**TRANSPLANTER.** A Transplanter that does the work without disturbing the roots. It makes the hole where you wish the plant, then picks up the plant root and all, without disturbing it, and sets the plant into its new location without checking its growth. 50c. (By mail, 60c.)

**WEATHER PROOF PENCILS.** To be used for writing labels on garden plants. Every grower should have one of these. Will not fade in sun or rain. 10c each; 6 for 50c, postpaid.

**RAFFIA.** Natural raffia for tying vegetables. Pounds 35c postpaid. Write for prices on larger quantities.

**MACABEE GOPHER TRAP.** This is the most convenient gopher trap yet manufactured. It is easy to set, small and can be extended far down into the hole. Price postpaid, 30c.

**BOX GOPHER TRAP.** This trap is used extensively by gardeners. Is easy to set and sure. Price by mail, 40c.

**CALSIPRAYER GARDEN DUSTER.** This is a medium-sized duster for use in the home garden. It is very effective in applying dust in places that are difficult to reach with any other duster. If you have any dusting at all to do this little gun will please you. Each $1.25, f. o. b. Los Angeles.

**COWDREY DUSTER.** A general purpose duster that will do the work on all home garden dusting. A well made implement furnished in red enamel. $1.50 each.
THE ROSS SPRINKLER. One of the finest U. S. MOGUL is of "braided and molded" construction. The plies are braided cotton and rubber tubing, united by a distinct layer of rubber. Inner tube and cover are seamless and compounded of a tough and durable stock. Vulcanized under high steam pressure which thoroughly forces the rubber through the meshes of the yarn. This method of manufacture results in a very flexible hose which will not kink and is capable of withstanding the heaviest pressures. A high quality rubber tube and a tough rubber cover give the utmost in resistance to rough handling, dragging around, etc., with a consequent increase in usefulness. Each 75c.

Sprinklers and Accessories

No. 1. BUTTERFLY. Used in lawn and overhead systems. Made with 34, 3/4 and 34-in. pipe connections. 65c each.

No. 2. SPIKE FAN. Excellent for throwing water away from walks and under shrubbery. 6 inch, 30c; 12 inch, 50c.

No. 3. TWIN SPRINKLERS. One of the most popular makes, brass lined. 35c each.

No. 4. THOMPSON'S ADJUSTABLE. Heavy metal outside brass core. For lawn systems made with 34 and 34-in. pipe connections. 75c each.

No. 5. HOSE CLAMPS. For holding hose attachment in water and pressure hose. Two sizes, 3/4 and 34-in.

No. 5. SHERMAN Flat metal, 5c each.

No. 6. WILGUS GANG SPRINKLER. Attached in your hose at intervals of 8 to 10 feet. Takes the place of an underground system. $1.25 each.

No. 7. FRICTION TAPE. 2-oz. roll 10c; 8-oz. roll 35c.

No. 8. PERFECT CLINCHING HOSE MENDELS. Brass tube with clinching claws which clamp into the hose, making a tight and inseparable joint. 3/4 and 34-inch. 2 for 25c.

No. 9. PERFECT CLINCHING HOSE COUPLINGS. Wrought brass with clinching claws which clamp into the hose. No bands needed. Both sizes 35c a pair.

No. 10. COOPER. Seamless brass tube with Harold which prevents hose from separating. No hands or tools required to attach it. 34 and 34-inch. 2 for 25c.

No. 11. BOSTON. Polished cast brass. Can be adjusted to throw solid stream, spray or shut off. 2 for 25c.

No. 12. SHERMAN. Corrugated seamless brass tube. Will not rust. 3/4 and 34-inch. 5c each.

No. 13. MAGIC WINE. 2 for 5c.

No. 14. HOSE WASHERS. 5c doz.

No. 15. STANDARD cast brass, 3/4 and 34-in. 50c a pair.

An improved type of sprinkler made of brass. $1.25 each.

No. 16. WOODEN. Made of hardwood.

No. 17. JUNIOR REVOLVING No. 130. Well-made sprinkler with bronze bearings, makes a perfect pattern 30 feet across, 2-inch arms. $1.25 each.

No. 17. JUNIOR REVOLVING. With 10-inch stand and 4-inch arms. $1.75.

No. 18. ROSE sprinkler for fountains. 50c.

No. 19. IMPROVED FOUNTAIN. Cast zinc with brass lining, will not rust or clog. Has center stream producing fountain effect. 50c.

No. 20. HOTHOUSE ROSE. Wrought brass polished. Delivers full but fine spray. 80c.

No. 21. BALERSTADT ADJUSTABLE. The most correctly constructed sprinkler for sprinkling system installations. Cast brass. $1.25 each.

No. 22. MISSING LINK. A 12-inch white metal spike upon which is mounted rake-like metal and female connection for holding nozzle at any angle. Very practical. $1.00 each.

CYCLONE SEED SOWER. This Seeder is equipped with the following important features: Sloping feed board, automatic feed adjustment, distributing wheel, triple gears. Weight, 5 lbs. Price, $2.50, f. o. b. Los Angeles.

IMPROVED SANTA BARBARA. Are made with two pipe arms in a bronze revolving head which is mounted on a standpipe held upright in a well-shaped iron sled with base enough to hold the sprinkler from falling over when in operation. This sprinkler will revolve with as low as five pounds pressure and distribute the water evenly. Under good pressure it will wet a space 45 ft. in diameter.

IMPROVED SANTA BARBARA. Are made with two pipe arms in a bronze revolving head which is mounted on a standpipe held upright in a well-shaped iron sled with base enough to hold the sprinkler from falling over when in operation. This sprinkler will revolve with as low as five pounds pressure and distribute the water evenly. Under good pressure it will wet a space 45 ft. in diameter.

TREE LABELS

<table>
<thead>
<tr>
<th>Per Doz.</th>
<th>Per 100</th>
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<tbody>
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<td>$3.50</td>
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POT LABELS

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<th>Per 1000</th>
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<td>$5.50</td>
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BAMBOO STAKES. These are straight light weight but tough for staking up plants in the garden.

<table>
<thead>
<tr>
<th>Per Doz.</th>
<th>Per 100</th>
<th>Wght.</th>
</tr>
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<tbody>
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</tbody>
</table>

All F. O. B. Los Angeles
THE EXPLAN PLANTING POT. Comes square in several sizes for different growing plants. Largely used for putting up young plants of vegetables and trees. This pot has no bottom, merely of collapsible water-proof paper. Should be set in boxes or flats, free for early tomatoes and egg plants, etc. Prices, net, postpaid only or less at purchasers' expense.

THE EXPLAN PLANTING POT

<table>
<thead>
<tr>
<th>Size</th>
<th>Price Per 1000</th>
<th>Price Per 100</th>
<th>Price Per 1000</th>
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<td>$11.25</td>
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<td>$1.00</td>
<td>$9.20</td>
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<tr>
<td>1 1/2 x 3</td>
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<td>$1.35</td>
<td>$15.90</td>
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<tr>
<td>1 1/4 x 3</td>
<td>$5.75</td>
<td>$1.35</td>
<td>$16.50</td>
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</tbody>
</table>

Tree Protectors

For protecting trunks of young trees from sunburn and frost and attacks of squirrels and rabbits. They are quickly put on. Wires are attached all ready for immediate use. Made in different sizes. Ask for quotations. We list the popular sizes:

BLACK PAPER PROTECTORS

<table>
<thead>
<tr>
<th>Perforated Length</th>
<th>Price Per 1000</th>
<th>Price Per 100</th>
<th>Price Per 1000</th>
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<td>18-in.</td>
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<td>24-in.</td>
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</tbody>
</table>

All Prices f. o. b. Los Angeles

Spray Pumps, Tools and Other Implements

PLANET JR. SEEDERS AND CULTIVATORS

Insecticides and Fungicides

(See Page 60)

ACME 2-WAY SPRAY. Very effective formula containing 46% arsenate of lead and 83% Bordeaux and enables you to kill leaf eating insects and st the same time control fungus diseases. 1 lb. carton 25c; 1 lb. carton, 45c; 4 lb. paper bag $1.25. Not mailable.

ACME PARIS GREEN. For grasshopper and cut worm bait use one lb. Acme Paris Green to 10 lbs. bran and add 1 qt. brown molasses and two chopped up lemons. 1/4 lb. carton, 20c; 1 lb. carton, 45c; 4 lb. carton $1.60. Not mailable.

ACME CALCIUM ARSENATE. Specially useful for dusting cabbage, potatoes and other crops to control many leaf eating insects. Can also be used as liquid spray. 1 lb. carton 45c; 4 lb. paper bag $1.65. Not mailable.

ACME LIME SULFUR. For dormant spraying in the fall or early spring against Scale, Peach Blight, Leaf Curl and Twig Borer, use 9-11 tablespoonsfuls to gallons of water. For winter spraying against Slugs, Scab, Soot and Blotch, use from 2 1/2 to 3 level tablespoonsfuls to 1 gallon of water. For insect spraying use 10-15 tablespoonsfuls to 1 gallon of water will control Red Spider and Mites. Prices, 1 lb. can, 35c; 5 lb. can, $1.50; 10 lb. can, $2.50. May be mailed.

ACME ARSENATE OF LEAD. For the control of codling moth, cabbage worms, caterpillars, beetles. Dusted on silk will prevent ear worm on corn and may be used as dust or liquid spray. 1/4 lb. carton 25c; 1 lb. carton 45c; 4 lb. paper bag $1.50. Not mailable.

ACME GARDEN GUARD. A remarkable all-purpose insecticide for general garden use. Comes in sitter top can and controls chewing insects as well as mildew and other fungus diseases. Market gardeners use it extensively. 1 lb. pkg. 35c; 5 lbs. 90c; 100 lbs. $15.75. Not mailable.

ACME LONDON PURPLE. Can be used as a spray or dust for many crop infested with chewing insects, and is primarily for the small user as it is packed in small quantities. 1/4 lb. carton, 15c; 1 lb. carton, 45c; 4 lb. paper bag, $1.25. Not mailable.

ACME BORDEAUX MIXTURE is the best preventative for tomato blight, celery blight, apple black rot, pear scab, mildew and many other fungus diseases. Contains 83% Bordeaux and enables you to kill leaf eating insects and at the same time control fungus diseases. 1/4 lb. carton, 25c; 1 lb. carton, 45c; 4 lb. paper bag, $1.25; 8 lb. paper bag, $2.25.

CYANOGENS. Calcium Cyanide or Cyanogens furnishes a convenient source of hydrocyanic gas for greenhouse fumigation. Grade "G" is prepared especially for greenhouses, a safe, cheap, and positively effective remedy against white flies, aphids and other greenhouse pests. Grade "G" is prepared especially for greenhouse fumigation. Grade "G" is prepared especially to control crop destroying rodents such as field mice, gophers and squirrels. Liberations accompanying packages should be followed carefully. Prices for either Grade "G" or Grade "A" Dust: 1 lbs. cans 75c; 5 lbs. cans $2.75.

TOBACCO DUST. If dug around the roots will be away many pests below ground. 15c lb; by mail add Parcel Post rates. Ask for price in quantity.

Write for Planet Jr. "Home Gardens Booklet."
Insecticides and Fungicides

POISONS ARE NOT MAILABLE and must be shipped by EXPRESS or FREIGHT

In this department, unless otherwise specified are P.O. R. Los Angeles and certain other companies. Prices subject to change without notice. (See page 59, column 3, for ACME and other Insecticides and Fungicides.)

Snarol

Quickly Kills Garden Pests

Science Provides New, Safe, Method that Does the Work Without Fuss

Snails, Cutworms, Slugs, Grasshoppers, Sowbugs, Earwigs, etc. Are Exterminated

Snarol is a ready prepared meal that you simply broadcast on the ground, under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nursery men.

Prices—1 lb. lg., 45c; 3 lb. pkg., 85c; 15 lb. pkg., $3.25. Special prices quoted on 50 lb. bags, $8.50.

Antrol

Ants Destroyed in their Nests

New Method “Gets” Them at Their Source—

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed along "ant" trails in the garden or house. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed.

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden.

Prices—Antrol sets containing 4 gallon drums, $1.00; Antrol extra containers (5 oz.), 15c; Antrol syrup, 4 oz. bottle, 45c; pint, 75c; gal., $3.00.

Volck

A Spray for Insect Pests

Volck is a spray prepared for Scale Insects, Bugs, White Flies, Red Spiders, Rust Mites, and similar insects. It is a distinct improvement over former sprays sold to kill these insects and will kill some insects that were previously uncontrollable. Volck is unique in the fact that it is used on tender plants in leaf with perfect safety. It has been sprayed on such tender foliage as violets and orchids without the slightest damage and can be applied in summer as well as winter. This factor of safety makes Volck a suitable spray for all kinds of plants-flowers, vegetables, berries, shrubs, ornamental trees, deciduous and citrus fruits. It is used all over the world for the control of citrus pests in commercial groves. Non-poisonous. Can be mailed.

1/2 pint cans...........................................$ .40
1 pint cans........................................... .55
1 quart.............................................. .80
1 gallon........................................... 2.15
5 gallons........................................... 9.05

Black Leaf 40 is a concentrated solution of Nicotine Sulfate. Nicotine in the form of "Sulfast" does not evaporate at ordinary temperature whereas, free nicotine does evaporate. Therefore nicotine sulfate is particularly desirable for all purposes requiring a strong nicotine solution possessing lasting properties. This is the strongest of all tobacco sprays for controlling outside.

1 ounce bottle makes 6 gallons of spray, 31c; 1/2 lb. tin, makes 30 gallons of spray, $1.25; 2 lb. tin, makes 200 gallons of spray, $3.30; 10 lb. tin, makes 1000 gallons of spray, $13.50. Poison—cannot be mailed.

“NICO-PUME” LIQUID is a highly refined solution of free nicotine and is of exceptional purity. It is guaranteed to contain 40 per cent of nicotine by weight in water solution. It contains no alcohol, camphor or other chemicals or adulterants which might compete garden pests as aphids, thrip, lice, red spider, leaf roller hoppers, mildew and the like. It costs only 25c to fumigate the average greenhouse.

1 lb. cans...........................................$ .25
5 lb. cans........................................... 1.25
10 lb. cans........................................ 2.50

Whale Oil Soap. A soap made especially for spraying plants infested with scale or lice. 1 lb. can 25c. Postage add 10c.

DESTRUXOL EMULSION, contains practically the same ingredients as Destruxol, but the addition of more vegetable and organic oils, in the form of a stable emulsion gives the product more retentation, killing to better advantage. Saturates insects or scale are confronted, but still is not a drastic spray. This material is particularly adapted to control of scale in migration on citrus, deciduous and shrubbery, and is effective on such common pests as red spider, mealy bug, etc.

1 pt. makes 12 gallons of spray..................$ .55
1 qt. makes 2 gallons............................ .80
1 gal., 100......................................... 2.25
5 gal................................................ 9.50
30 gal............................................. $2.50
50 gal............................................. 8.00

ATLAS NON-POISONOUS WEED KILLER requires less water to kill more weeds than poisonous chemicals as excessive and unnecessary. Simply dilute with twenty parts of water and apply to undesirable vegetation with a sprinkling can. Will exterminate all undesirable vegetation —including Poison Ivy, Canada Thistle, etc.—as easily as watering a garden without endangering human or animal life from poison. Especially recommended for controlling weeds growing in drives, paths, tennis courts, gutters, etc.

One gallon is ample to clear 500 square feet of densely vegetated area. 1 quart cans, 75c each; 1 gallon cans, $2.00 each; 5 gallon drums, $8.00 each; 30 gallon drums, $27.50 each; 50 gallon drums, $53.00 each.

Tree Tanglefoot. A sticky substance that may be applied to the bark of trees to protect them from all climbing insects. One application will last a season. It does not harm native insects, and it will prevent ants from entering tree tops. 1 lb. can 30c; 3 lbs. $1.10; 5 lbs. $2.75 f. o. h. Los Angeles. May be mailed.

El-Roy Squirrel and Gopher Poison. A first class speedy and effective remedy for cleaning out all like rodents. No. 1 size 35c. Write for price on quantity.

Spray Plants with

EVER GREEN (Mailable)

Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers. It can’t burn or otherwise injure them. Neither will it injure the soil.

Non-poisonous

EVER GREEN kills only insects—it is harmless to man, live stock, birds and pets.

EASY TO USE—Just mix it with water and spray, no need for constant agitation—EVER GREEN stays solution and won’t clog sprayers.

List Prices—1/2 oz. bottles, 45c; 6 oz. bottles, $1.00; 16 oz. bottles, $2.00; 32 oz. bottles, $4.50; 1 gal. bottles, $13.00. Bulk prices on request. Order today.
PET Department...

For many years our store has been a rendezvous for garden lovers, and now that we have added a complete pet department we hope to attract a still larger circle of enthusiasts who appreciate the "homey" interest we try to convey. We will gladly advise regarding the care, feeding and ailments of your pets, and you will always find a plentiful supply of free literature regarding them. We suggest you write for any of the following books to insure your pets perfect health—or telephone VAndike 6417.

"THE NEW PUP"—A few suggestions for his care and feeding. "THE CARE and MANAGEMENT of CANARY BIRDS"—"PROPER CARE and BREEDING of CANARIES"—"PROPER CARE and FEEDING of GOLDFISH"—"RICHARD GOODWIN'S DOG and CAT BOOK"—"DELCREO KENNEL MANUAL"—SEND FOR THEM NOW! THEY ARE FREE.

Birds

SEEDS AND GRAVEL

MORRIS & SNOW'S MIXED BIRD SEED. Prepared from the best and finest seed. Recommended for cage or aviary birds; 1 lb. pkg., 15c; 2 lbs., 25c; 5 lbs., 60c.

MORRIS & SNOW'S MIXED BIRD SEED. Prepared from the best and finest seed. Recommended for cage or aviary birds; 20c per lb.; 2 lbs., 35c; 5 lbs., 80c.

MISCELLANEOUS

Justrite Bird Tonic...$ .35
Justrite Bird Bitters.... .25
Justrite Bird Iron... .35
Justrite Parrot Tonic... .35

MISCELLANEOUS

Justrite Balm for Baldness... .35
Justrite Bird Jelly... .20
Justrite Bird Nesting (Brown-White).... .10
Justrite Bird Wash... .25
Justrite Cage Cleaner—Lice Destroyer... .35
Justrite Honey Roll... .15
Justrite Lice Powder... .15

Bird Supplies

CAGES AND STANDARDS. You will always find one to suit your taste and purse in our stock. We have them of bronze, brass, gun metal and enamel in tones to match our line of stands or your furnishings. We have them for canaries, love birds, parrots and even for mice. Come in and look them over.

CAGE HOOK. 10-inch brass or nickel, 25c each; 12-inch brass or nickel, 25c each.

BATH HOUSE. Used at open door of cage and prevents splashing and spotting cage. Each enclosed. Each 90c.

CAGE SPRING. Heavy brass spring in three different strengths. Lends to the beauty of a cage and to the pleasure of the bird. Each:

Single Spring, light weight... 15c
Single Spring, heavy weight... 25c

Foods

Justrite Song Restorer (Cans).... .25
Justrite Song Restorer (Boxes).... .15
Justrite Shredding Food... .10
Justrite Color and Pepper Food... .25
Justrite Egg and Nesting Food... .15

Gold Fish

GOLD FISH. Through our connection with one of the largest breeders of gold fish in the country we are able to furnish our customers with fish which are brought in from the breeding ponds every week. They are full of life and iridescent with color—Paradise Fish and other bright colored tropical fish, Japanese Fantails, Shubunkins, Comets and many other varieties will be found in our aquariums. Prices range from 15 cents to $5.00 each.

FISH BOWLS. If you cannot afford a fish pond in your garden you can certainly have a gold fish bowl. The children will derive lots of amusement from them and you will find just the one you want in our stock. Also a stand to go with it.

FISH FOODS—REMEDIES

Justrite Natural Fish Food... $ .15
Justrite Tropical Fish Food... $ .15
Justrite Imported Pure Shrimp... $ .60
Justrite Warter Tonic... $ .15
Justrite Fish Tonic... $ .15
Justrite White Fungus Remedy... $ .35
Justrite Astrocated Sea Shells... $ .35
Justrite Aquarium Cement (Small).... .35
Justrite Aquarium Cement (Large).... .75

CHAMPION DOG BISCUIT—Famous because of its quality, fine flavor, health and strength producing vitamin content. This biscuit comes in three flavors—Whole Biscuits, Kibbled, and Puppy Meal. Price 15 cents per lb.; 25 lbs. $3.75; 50 lbs. $6.00.

DOGS AND CATS. We try to always have on hand puppies of various kinds, as well as kittens, and will handle any small pets on a commission basis. If you have any you want to dispose of come in and see us.

VITAMIN DOG & CAT FOOD

DR. ROSS' VITAMINE DOG AND CAT FOOD. This is perfectly balanced ration for dogs and cats. It is clean and pure, and free of the starchy filler found in so many canned foods.

It is put up in pound and half-pound cans and is ready for instant use. 1/2-lb. can 10c, 1-lb. can 20c, 3 for 50c.

RICHARD GOODWIN'S DOG AND CAT REMEDIES

Blood Tonic (a powder).... $ .50
Blue Lotion, for sores or cuts... $ .50
Chorea Tablets... $ .50
Colic Remedy... $ .50
Condition Powder (medium size)... $ .50
Condition Powder (small size)... $ .50
Cough Remedy, per bottle... $ .50
Distemper Prevention... $ .50
Distemper Remedy... $ .50
Distemper Salve, per jar... $ .65
Ear Lotion, for cankered ears... $ .50
Eye Salve, for Sore Eyes... $ .50
Ear Salve, for fly bitten ears... $ .50
Eye Wash Powder, for Eye Solution... $ .50
Fits Tablets (for any kind)... $ 1.00
Healing Powder... $ .60
Indigestion Remedy... $ 1.25
Kiddney and Bladder Remedy... $ 1.00
Laxative, per bottle... $ .75
Mange Liquid (16-oz.)... $ 1.00
Mange Liquid (6-oz. bottle)... $ .50
Mange Salve (medium size), per jar... $ .50
Mange Salve (small size), per jar... $ .50
Murder (kills fleas, lice, or any insect).... $ .50
Nose Salve... $ .50
Soap, Goodwin's Antiseptic (for the bath).... $ .50
Worm Remedy (removes all kinds of worms).... $ .50
LYON INCUBATORS. 130 eggs; electric. $27.50.

We carry parts for Lyon Improved Electric Brooders and Incubators and a full line of electrical supplies for the poultryman.

TEMPERATURE ALARM THERMOSTATS. For use in incubators and brooder houses; will ring alarm bell on either high or low temperature. Price $3.00.

THERMOSTATS. Thermostat wafer, brass, 3 inches, 65c each.

HART GAS REGULATOR. When placed on any one of the largest and smallest producer, sufficient heat for any climate, greatest simplicity and economy, adjustable to either 110 or 220 volt service, used and endorsed by the leading schools, producers and hatchery plants. Guaranteed. Send for descriptive circular. Packed complete with rope, pulleys, lights, thermometer and all directions.

Chicks Diameter Shipping Wt. Price
100 30 inch 50 lbs. $20.00
200 42 inch 70 lbs. 25.00
300 56 inch 90 lbs. 32.50
500 68 inch 120 lbs. 40.00

LYON IMPROVED ELECTRIC BROODERS. A proven brooder of the most thorough construction, adapted for both the largest and smallest producer, sufficient heat for any climate, greatest simplicity and economy, adjustable to either 110 or 220 volt service, used and endorsed by the leading schools, producers and hatchery plants. Guaranteed. Send for descriptive circular. Packed complete with rope, pulleys, lights, thermometer and all directions.

M & S IMPROVED GAS BROODER, is of the mushroom or toastool type that is meeting with so much favor in all localities that have access to gas. It is manufactured to give the greatest efficiency possible, and eliminates to the very lowest degree Carbon Monoxide Gas.

The burner is so pitched that it deflects the heat at the proper angle, to insure the comfort of the chicks. The burner is one of the best obtainable, and is the product of the largest manufacturers of gas burners in the country, the A.B.C. & Co. The burner plate is of very heavy galvanized iron, and is wear resisting. Its value is attested by the large numbers that we sell to our customers each year. Compare this brooder with any manufactured, as to quality and price.

Searchlight Egg Tester. Inertile eggs in an incubator mean a loss of time and money. The testing of eggs is a very important part of incubation, and a little expense at the beginning will pay well in the end. The searchlight will do the job quickly and do it well. It should be a part of your equipment, whether you are operating one incubator or a dozen.

Searchlight Egg Tester.

No. 6 M. & S. $5.00
No. 7 M. & S. $7.50
No. 8 M. & S. $10.00

RELIABLE AUTOMATIC FLOAT VALVE. This valve is one of the best poultry watering devices on the market; it is made entirely of brass and copper, which makes it rustproof. $1.00 each.

FOUNTAIN AND FEEDER. Suitable for feed as well as water. Little chicks cannot drown. Fits any Mason jar in 1 pint, 1 quart and 2 quart sizes.

No. 32 (Glass jar not included) $1.50 each

dr. L. D. LeGear Medicine Co.'s Poultry Remedies

Poultry Prescriptions, 1/4 lb. pkg. $ .30
Poultry Prescriptions, 1 lb. pkg. $ .70
Poultry Prescriptions, 9 lb. pkg. $1.50
Poultry Prescriptions, 25 lb. pkg. $3.50
Poultry Prescriptions, 100 lb. drum $12.00

Lice Killer, 1 lb. pkg. $ .30
Egg Laying Tablet, 50 in a pkg. $ .60
Egg Laying Tablet, 120 in a pkg. $1.20

Barnes Worm Emulsion. This remedy assimilates or digests the worm, and is not an expellant.

Poultry Worm Powder, 25 lb. $4.00
Poultry Worm Powder, 50 lb. $7.50
Poultry Worm Powder, 75 lb. $10.00

Fly & Insect Powder, 4 oz. pkg. $ .30

Cold Tablets, 20 in a pkg. $ .30

BEUYACON SETS. Especially designed to simplify the operation of caponizing, so that the beginner can easily master it. We recommend it as the best low-priced set in popular use. Full printed directions with each set. Price, in substantial wood cases, $4.50.

THE GUARANTEED AUTOMATIC WATER FOUNTAIN is the Biggest Labor Saver on the farm, especially designed for poultry and pigeons; may be attached to any city water line; is adjustable to any pressure up to 200 lbs. The above illustration shows two ways this fountain may be used. However, the long trough being the most preferable with quailman. Price each (fountain only), $1.50.

BARNES WORM EMULSION. This remedy assimilates or digests the worm, and is not an expellant.

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MORRIS & SNOW SEED CO.,
853-55 So. San Pedro St., Los Angeles, Calif.

Please send the following goods as per address and instructions here-with, and for which find enclosed $________________

To (Name)_____________________________(Miss or Mrs.)
City________________________County________
No.________________________State___________________________
(R. F. D. or Street)
Express or Freight Station________________________
Date________________________State your preference by Post,
Express or Freight.

We give no warranty, express or implied, as to description, purity, productivity, or any other matter of any Seeds, Bulbs, or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

MORRIS & SNOW SEED CO.

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<th>Lbs.</th>
<th>Oz.</th>
<th>Pkt.</th>
<th>NAME OF ARTICLE WANTED</th>
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Coupon
Worth 25 cents

On an order amounting to not less than $1.00 remitted for seeds in packets or ounces, if accompanied by this coupon order sheet, you may select additional seeds in packets and ounces only to the amount of 25c.

This coupon is good only for seeds in packets and ounces, and not on orders for plants, hardware, bulk seed and other goods.

Good only for this year.
EXTRA ORDER SHEETS AND RETURN ENVELOPES FURNISHED ON REQUEST

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<th>Lbs.</th>
<th>Oz.</th>
<th>Pkt.</th>
<th>NAME OF ARTICLE WANTED</th>
<th>Price</th>
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**POSTAGE**

Garden Seeds priced by the packet, ounce, one-fourth pound and pound are postage paid. Hardware and Sundry Articles are not postpaid. In ordering one pound lot, add ten cents per pound for postage and packing, and on larger quantities apply parcel post charges.

<table>
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<tr>
<th>DOMESTIC PARCEL POST RATES</th>
<th>First pound or fraction</th>
<th>Each additional pound or fraction</th>
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<tr>
<td>On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.</td>
<td>7c</td>
<td>1c</td>
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<td>First Zone, Los Angeles or 50 miles thereof</td>
<td>7c</td>
<td>1c</td>
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<td>Second Zone, within 50 to 150 miles</td>
<td>8c</td>
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<td>Third Zone, within 150 to 300 miles</td>
<td>9c</td>
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<td>Fourth Zone, within 300 to 600 miles</td>
<td>10c</td>
<td>6c</td>
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<td>Fifth Zone, within 600 to 1000 miles</td>
<td>11c</td>
<td>8c</td>
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<td>Sixth Zone, within 1000 to 1400 miles</td>
<td>13c</td>
<td>10c</td>
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<td>Seventh Zone, within 1400 to 1800 miles</td>
<td>14c</td>
<td>12c</td>
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Please do not ask questions on this Order Sheet, but kindly write them and all communications requiring an answer on a separate sheet of paper and enclose with your order. Be sure that your Full Name and Address are on Both Letter and Order.

This space is for remarks about your order.

We would appreciate a list of your friends interested in good seeds or nursery stock.
New Gaillardia
Portola Hybrids
Pkt. 15c

Stocks
New Golden Rose
Pkt. 25c

80 CENTS
worth of Seeds—1 packet each of these wonderful new novelties, postpaid for...

[We want you to have these Seeds—So order Early]

50 CENTS

Helichrysum
New Silver Pink
Pkt. 25c

Marigold
Improved African Orange
Pkt. 15c

MORRIS & SNOW SEED COMPANY
Incorporated
112 West 7th Street Los Angeles, California

The Kruckeberg Press, Los Angeles