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A. H. HUMMERT SEED CO.

FLOWER AND VEGETABLE SEEDS

SUMMER-FLOWERING BULBS AND SUPPLIES

2746-48 Chouteau Avenue

ST. LOUIS, MISSOURI

HALF-BLOCK FROM
WHOLESALE FLOWER-MARKET

Phone: GRand 0646

WHOLESALE
CATALOGUE 1938



MARIGOLD
Yellow Supreme

Tr. pkt. 25 cts.
1/2oz. 55 cts.
Oz. \$1
4 ozs. \$3.75

PETUNIA

Dwarf California
Giant Mixed

Tr. pkt. \$1
1/2oz. \$2.75

Petunia, Victoria
All-Double, Mixed

1/2Tr. pkt. \$1
Tr. pkt. \$2

A Personal Note to Our Friends

YOUR BUSINESS and your profits depend on the quality of the products you offer to your customers. You know the importance of sowing good seed. It is the important foundation on which you build for profit and permanence. We have long sensed these factors in our own business: Therefore when you send your seed order to us you may be assured of receiving only the best grades of re-cleaned, tested, true-to-name seeds.

For the business you have sent us we are grateful, and trust that we may continue to serve you carefully and promptly.

We expect to adhere throughout the summer to the prices quoted herein unless causes beyond our control require a change, in which case we shall be governed by the market. All goods are offered subject to prior sale.

Payments: All accounts are net 30 days, or 2 per cent discount if check is received in 10 days from date of invoice. Interest will be charged on overdue accounts.

Cash Discounts: When your remittance is enclosed with order, cash discount of 5 per cent is allowed on all orders for flower seeds.

Postage: We pay postage on all orders for flower seeds.

Small orders are welcomed and will receive prompt and careful attention. In return we suggest cash be enclosed.

Warranty: Though the utmost care is used in grading and selecting, we do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness or any other matter of any seeds, bulbs, or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on these terms, no sale is made thereof, and he must return them at once, and money will be refunded.

A. H. HUMMERT SEED CO.

LAWN GRASS SEED. Fancy Re-cleaned

There are four essentials to a beautiful lawn: (1) Rich well-drained soil; (2) careful preparation of the ground to make it fine, smooth and mellow; (3) wise selection of seed; (4) sowing at a time when the young plants will have a chance to become well established before they are exposed to dry or cold weather, or hot summer sunshine.

All Lawn Seed is strictly re-cleaned and carefully tested for purity and germination.
Prices subject to change without notice.

Kentucky Blue Grass (*Poa pratensis*)

The best grass for general lawn purposes. It is perfectly hardy, forms a good permanent turf, and makes an ideal surface. Adapted to all soils. 100 lbs. \$13.50.

Red-Top, Fancy (*Agrostis palustris*)

A perennial grass with narrow leaf-blades and a creeping habit of growth. Red-Top accommodates itself to a great variety of soils and conditions and is strongly drought-resistant. 100 lbs. \$14.

Roughish Meadow Grass (*Poa trivialis*)

An ideal grass for shady locations. The plant makes a thick matted surface and is useful for fairways under trees. The leaf-blades are narrow, flat and dark green. Plants grow well in moist soil and on heavy clay land. 50 lbs. \$21.

Coos County Seaside Bent

This variety, which was first identified in Oregon, forms a close mat-like sward. Because of its hardy creeping habit it is desirable for putting greens. Thrives in moist situations and makes a rapid fine-textured growth. 50 lbs. \$39.

Rye Grass

A very rapid-growing grass with fine tufted leaves. In mild climates it is hardy and valuable for lawn purposes. 100 lbs. \$9.50.

Bermuda Grass (*Cynodon dactylon*)

A valuable grass for southern golf courses. In growth it is rather dwarf, with long creeping stems which root at the joints and cover the ground with a mat of fine turf. 10 lbs. \$3.25.

White Dutch Clover

A valuable Clover for lawn purposes, thriving especially well in limestone soils. 10 lbs. \$3.90.

Velvet Lawn Grass Mixture

The basis of this mixture is Fancy Kentucky Blue Grass combined with Red-Top and other suitable grasses in proper proportion to produce a fine permanent turf. 100 lbs. \$14.

Shady Lawn Mixture

A selection of grasses best suited for heavily shaded locations. It is also desirable for places where there is a moderate amount of shade. We consider it as the best shady lawn mixture obtainable. 100 lbs. \$18.

We carry in stock, high-grade field seeds, including Alfalfa, Red Clover, Korean Lespedeza, Sweet Clover, Timothy, Cow Peas, Soy Beans, Seed Rye, and Vetch

Write for the lowest market quotations

WHOLESALE LIST SELECTED FLOWER SEEDS

We Supply 1/2 Ounces at Ounce Rate.

ABRONIA UMBELLATA (Sand Verbena)

Pink Trailing. 10 inch.....\$0.10 \$0.30

ACHILLEA—MILFOIL (Perennial)

Ptarmica "The Pearl." One of the best hardy white perennials. Grows about 2 feet high. Is covered with heads of purest white double flowers from June until frost.....\$0.25 \$0.60

AGERATUM MEXICANUM

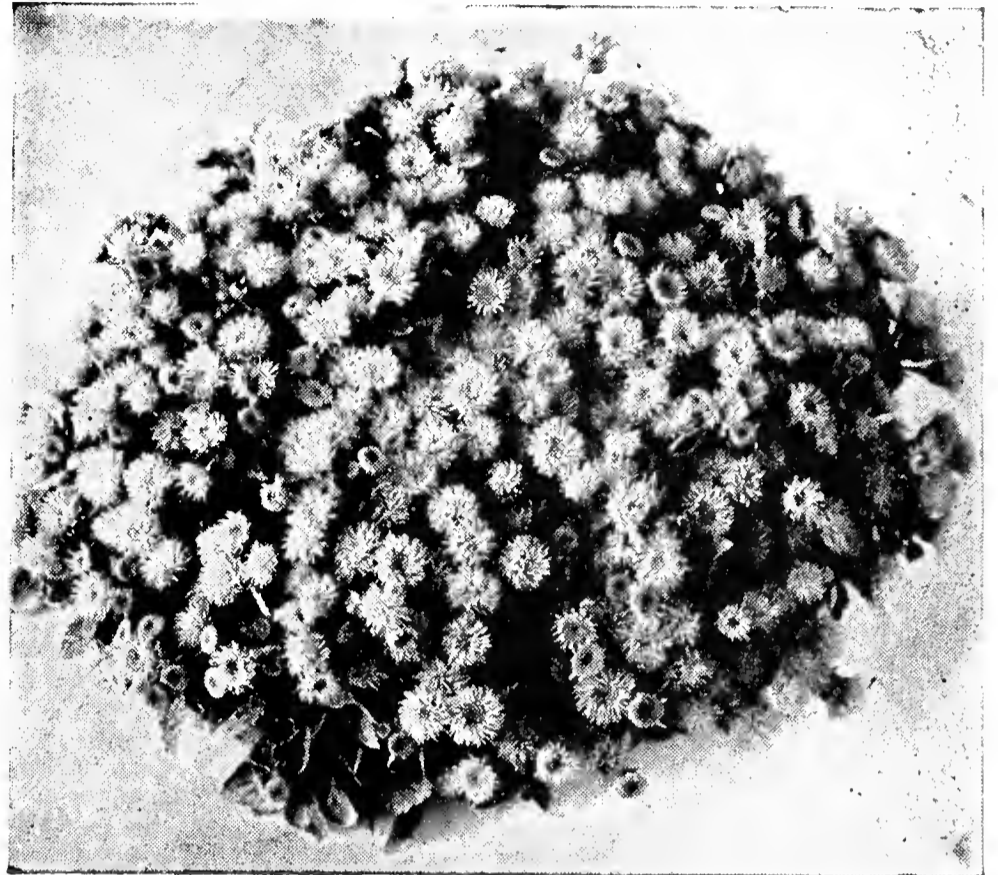
Fairy Pink, New See back of cover.\$0.50
Blue Ball. Best dwarf blue..... .15 \$0.30
Blue Perfection. Dark blue bedder, 8 inch..... .15 .25
Little Blue Star. Tiny Bushes, flowers light blue with red center, 4 inch. .25 .55
Imperial Dwarf Blue, 6 inch..... .15 .25

AGROSTEMMA (Perennial)

Coronaria. Crimson.....\$0.10 \$0.25

ALYSSUM

Carpet of Snow. The best extra dwarf strain we know of. 4 inches tall.....\$0.15 \$0.60
Little Gem. 6 inches. White, good even stock..... .15 .60
Lilac Queen. 6 to 7 inches. Medium deep lilac shade that deepens with cooler weather..... .15 .50
Maritimum. Sweet white, 10 inches.. .10 .20
Minimum. Dwarf and compact, special strain, 2 1/2 inches..... .15 .50



Ageratum Dwarf Blue Ball

ALYSSUM (Perennial) Tr. Pkt. Oz.
Saxatile Compactum (Basket of Gold.)
 An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers..... .15 .70

AMARANTHUS

Tricolor (Joseph's Coat). Yellow, green, red, 3 feet..... .10 .35

ANCHUSA

Italica, Dropmore Variety. Grows 3 to 5 feet high. Bears during May and June in abundance, flowers of the richest Gentian blue..... .15 .50
Myosotidiflora. A distinct dwarf species, 10 inches high, producing during April and May sprays of Forget-Me-Not-blue flowers. Excellent for the rock garden. .40

ANEMONE (Perennial)

Tr. Pkt. 1/4 Oz.
St. Brigid's Strain. Double and single mixed. A beautiful selection in a wonderful array of colors.\$0.45 \$1.15
His Excellency. Large single scarlet... .25 .45

ANTHEMIS—MARGUERITE

Tr. Pkt. Oz.
Kelwayi. A most satisfactory hardy perennial bearing daisy-like golden yellow blossoms; excellent for cutting. 2 feet.....\$0.15 \$0.50
Tinctoria. Light yellow.....\$0.25 .0.50

ANTIRRHINUM (Snap Dragon)

Not Rust Proof

ANTIRRHINUM MAJESTIC

Nanum Maximum 1 1/2 feet
Large Flowering Half-Dwarf. Tr. Pkt. 1/4 Oz.
Eldorado Deep golden yellow.....\$0.35 \$0.75
Golden Dawn. Golden buff..... .35 .75
Orange King. Terra cotta..... .35 .75
Red Chief. Rich deep scarlet..... .35 .75
Rose Marie. Light Salmon Rose..... .35 .75
Scarlet Triumph. Bright scarlet..... .35 .75
Twilight. Rosy salmon..... .35 .75
Majestic Mixed...... .30 .60



Antirrhinum Majestic

ANTIRRHINUM (Snap Dragon) For Outdoor Culture

RUST PROOF ANTIRRHINUM

The most serious trouble with outdoor Snapdragons is rust. Rust Resistant Snapdragons have given the best of satisfaction wherever grown. The Majestic class are suited best for pot sale and bedding.

ANTIRRHINUM MAJESTIC (Nanum Maximum)
1½ feet Rust Resistant

- Large Flowering Half-Dwarf.** Fine for pots.
- Autumn Glow Shades,** old rose suffused amber, golden lip
- Dainty,** soft pink
- Orange Shades**
- Red Shades**
- Rose Shades**
- Silver Pink**
- Superb Mixed**

Prices on above:
Tr. Pkt. \$0.25 1/8 Oz. \$0.85
Mixed Tr. Pkt.25 1/8 Oz. .75

ANTIRRHINUM MAXIMUM or SUPER GIANTS
2¾ feet, Rust Resistant

- Alaska,** white
- Apple Blossom,** rosy pink, white tube
- Crimson,** fiery crimson
- Canary Bird,** canary yellow
- Daffodil,** yellow
- Salmon Rose Shades**
- Maximum Mixed**

Prices on above..... Tr. Pkt. 1/8 Oz.
\$0.20 \$0.50

ANTIRRHINUM LARGE FLOWERED GIANTS
(Majus Grandiflorum) 2½ feet, Rust Resistant

- Daintiness,** rose pink, white tube
 - Fiery Red**
 - Orange Shades**
 - Pink Shades,** rose pink
 - Shasta,** pure white
 - Majus Grandiflorum Mixed**
- Prices on above..... Tr. Pkt. \$0.20 1/8 Oz. \$0.50

ANTIRRHINUM UNIVERSITY OF CALIFORNIA MIXTURE

An excellent mixture of Rust Proof Antirrhinums similar to the Majus Grand type, containing a wonderful range of the popular colors..... Tr. Pkt. \$0.20 1/8 Oz. \$0.50

Tom Thumb. These are only for small pot plants or for edging. Grow 6 to 8 inches tall, small flowering..... Tr. Pkt. \$0.25

WINTER SNAPDRAGONS

We offer below a selection of the best forcing varieties in this popular florists' flower. We have listed only those which have proved to be the best sellers on the wholesale market.

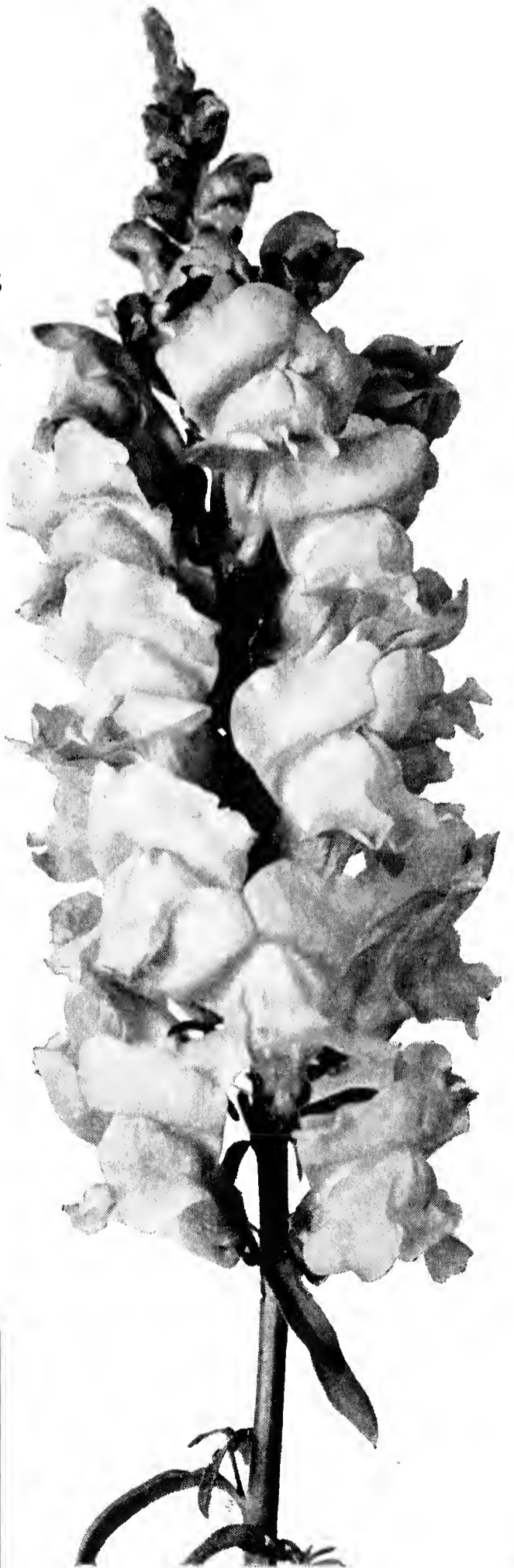
SPECIAL OFFER — WHERE PRICE IS:

- \$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50.
- \$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50.
- \$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50.

- Varieties preceded by a star (*) are best for early winter flowering. Tr. Pkt.
- Afterglow.** Deep golden orange. Medium early..... \$1.00
 - Bertha Baur.** Charming lavender or orchid shade..... \$1.50
 - Coates' Yellow Perfection.** Finest deep yellow. Medium early. 1.00
 - ***Ceylon Court.** Standard earliest yellow..... 1.00
 - ***Cheviot Maid Supreme.** Best fairly deep rose. Extra early flowering..... 1.00
 - Cincinnati (Witterstaetter).** A most attractive light rose pink; medium early..... 1.00
 - ***Judd's.** Dark pink. Early flowering..... 1.00
 - Kirkwood Beauty.** Bronze with a cast of gold..... 1.00
 - Keystone.** Glorious, rich rose pink blooms on tall, slender spikes. Much demand for cutting..... 1.00
 - Lucky Strike.** Best white. Medium early..... 1.00
 - Roman Gold.** A deep golden yellow with the lip a lighter yellow suffused with pink..... 1.00
 - Rose Queen.** Very fine deep rose. Medium early..... 1.00
 - Sonny.** Pleasing shade of clear bright pink; quite distinct. Always attracts attention..... 1.00
 - ***Sun Tan.** Orange-tan. Extra early..... 1.00
 - Terry's Surprise, Improved.** Pink and bronze shades..... 1.00
 - White Cheviot Maid.** Pure white, flowers well placed..... 1.00
 - ***White Prosperity.** A pure white. Grows on long stems, with excellent length spike..... 1.50
 - ***White Rock.** An extra early-blooming pure white..... 1.00
 - ***Winter Helen.** Lovely salmon-pink, early and winter bloomer... 1.00
 - ***White Wonder (Bezdek).** A fine early pure white..... 2.00

ASPARAGUS

- Plumosus Nanus.** Carefully harvested, hand-picked, plump, well-matured seed.
- 100 seeds..... \$0.25 1,000 seeds..... \$1.00
 - 250 seeds..... .40 5,000 seeds..... 4.50
- Sprengeri**
- 100 seeds..... \$0.25 1,000 seeds..... \$1.00
 - 250 seeds..... .35 5,000 seeds..... 4.50



AQUILEGIA—COLUMBINE (Perennial)

Long-Spurred Columbines

The plants are of strong, thrifty growth, with flower of largest size, varying in color through tones of cream, pink, lavender, blue, white, red, etc.

	Tr. Pkt.	¼ Oz.
California Hybrida. Golden yellow, red spur.....	\$0.25	\$0.50
Coerulea. Rocky Mountain Blue Columbine.....	.25	.45
Long Spurred. Dobbie's Imperial Hybrids, Mixed.....	.25	.70
Long Spurred. Mrs. Scott Elliott's Strain, Mixed.....	.50	1.10
Long Spurred. Hybrids, Mixed.....	.25	.50

ARGEMONE (Mexican Prickly Poppy)

	Tr. Pkt.	¼ Oz.
Platycyras Rosea.....	.20	.65
Hybrida Grandiflora. Mixed.....	.20	.50

ARABIS—ROCK CRESS (Perennial)

	Tr. Pkt.	Oz.
Alpina. One of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edging. 6 inches.....	\$0.10	\$0.40
	Tr. Pkt.	⅛ Oz.
Rosea. Similar in habit to the above. The flowers are a delicate shade of pink.	\$0.35	\$0.90

ARCTOTIS

	Tr. Pkt.	Oz.
Grandis. African Lilac Daisy, 3 feet...	\$0.15	\$0.40

ARMERIA—SEA PINK, THRIFT

	Tr. Pkt.	Oz.
Formosa Hybrida. Heads of rosy pink flowers. Useful for edging or rockery..	\$0.25	\$1.25

ASTERS, WILT RESISTANT

These strains have been developed to resist the attacks of the wilt fungus, which has for the past few years caused so much loss to growers.

ASTER QUEEN OF THE MARKET

Wilt Resistant, 1½ feet

Crimson	Flesh Pink	Peach Blossom
Dark Blue	Lavender	White
All the above: Tr. Pkt., \$0.25; ¼ Oz. \$0.45; Oz. \$1.75		
Mixed: Tr. Pkt. \$0.25; ¼ Oz. \$0.40; Oz. \$1.50		

ASTER EARLY ROYAL, Wilt Resistant, 2 feet

Azure Blue	Peach Blossom	Shell Pink
Deep Rose	Purple	White
All the above: Tr. Pkt. \$0.25; ¼ Oz. \$0.45; Oz. \$1.75		
Mixed: Tr. Pkt. \$0.25; ¼ Oz. \$0.40; Oz. \$1.50		

ASTER AMERICAN BEAUTY

Wilt Resistant, 2½ to 3 feet

Carmine Rose	Purple	White
Lavender	Shell Pink	Mixed
Each of the above, Tr. Pkt. \$0.25; ¼ Oz. \$0.40; Oz. \$1.50		

**ASTER IMPROVED GIANTS OF CALIFORNIA
CURLLED AND INTERLACED**

Wilt Resistant, 2½ to 3 feet

Carmine Rose	Light Purple	White
Light Blue	Peach Blossom	Mixed
Each of the above, Tr. Pkt. \$0.35; ¼ Oz. \$0.60; Oz. \$2.10		

ASTER BALL, Wilt Resistant, 2½ feet

Ball's Early Phlox Pink	Ball's Deep Rose
Ball's Deep Purple	Ball's Early White
Each of the above, Tr. Pkt. \$0.25; ¼ Oz. \$0.45; Oz. \$1.60	



Lilliput, Carmine Rose

**ASTER GIANT CREGO IMPROVED, Wilt Resistant
2½ feet**

Twisted and curled petals. Flowers of good size.		
Blue Flame, navy blue	Deep Rose	White
Crimson	Light Blue	Choice Mixed
Dark Blue or Royal Purple	Pink, shell pink	
Each of the above, Tr. Pkt. \$0.25; ¼ Oz. \$0.40; Oz. \$1.50		

ASTER HEART OF FRANCE

Wilt Resistant, 2½ feet

Brilliant Red: Tr. Pkt. \$0.35; ¼ Oz. \$0.60; Oz. \$2.10

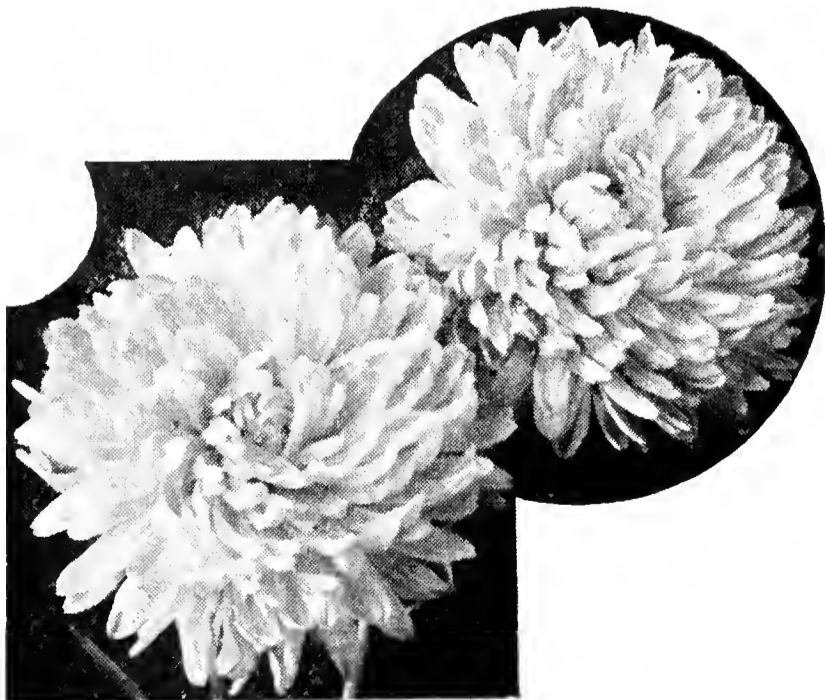
ASTER AURORA, Wilt Resistant, 2½ feet

Golden Sheaf: Tr. Pkt. \$0.35; ¼ Oz. \$0.60; Oz. \$2.10
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ASTER LILLIPUT

Tr. Pkt.

Carmine Rose. The high value of profusely flowering Lilliput Asters as pot and group plants is well-known. The small flowers are also of great value for floral work. The 12 to 15 inches high plants are bushy in appearance and flower long and profusely. The flowers, a charming carmine rose..... \$0.30



BALSAM (Lady's Slipper) 2 feet

Double Camellia-flowered. Attractive bright mixture. May be sown outdoors in May for August flowering. . . . \$0.15 \$0.50

BELLIS PERENNIS—DOUBLE ENGLISH DAISY

The Giant sorts are of the largest size.

	Tr. Pkt.	Oz.
Monstrosa. Pink.....	\$0.25	\$1.75
Monstrosa. White.....	.25	1.75
Monstrosa. Red.....	.25	1.75
Monstrosa. Mixed.....	.20	1.50
Tubulosa Aetna. Deep Red.....	.30	2.50

BEGONIAS

For greenhouse pot plants or summer bedding.

	Tr. Pkt.
Albert Martin. Bright carmine, extra large flowered.....	\$0.50
Carmen. Bright pink flowers with richly contrasting bronze foliage.....	1.00
Gracilis Luminosa. Deep dark scarlet foliage reddish brown; 10 inch.....	1.00
Indian Maid. A bright scarlet selection from Carmen with the latter's attractive deep bronze foliage.....	1.00
Lightning. Extra large flowers measuring 2 inches across and of deep carmine-scarlet shade.....	1.00
Mignon. Brilliant salmon-scarlet, semi-dwarf..	.50
Prima Donna. Light Rose shading to carmine. Very excellent standard variety.....	1.00
Snow. Pure white flower, bushy plants. Grow 10 inches high. Green leaves.....	1.00
White Pearl. Pure white, green foliage.....	.50



Begonia Prima Donna

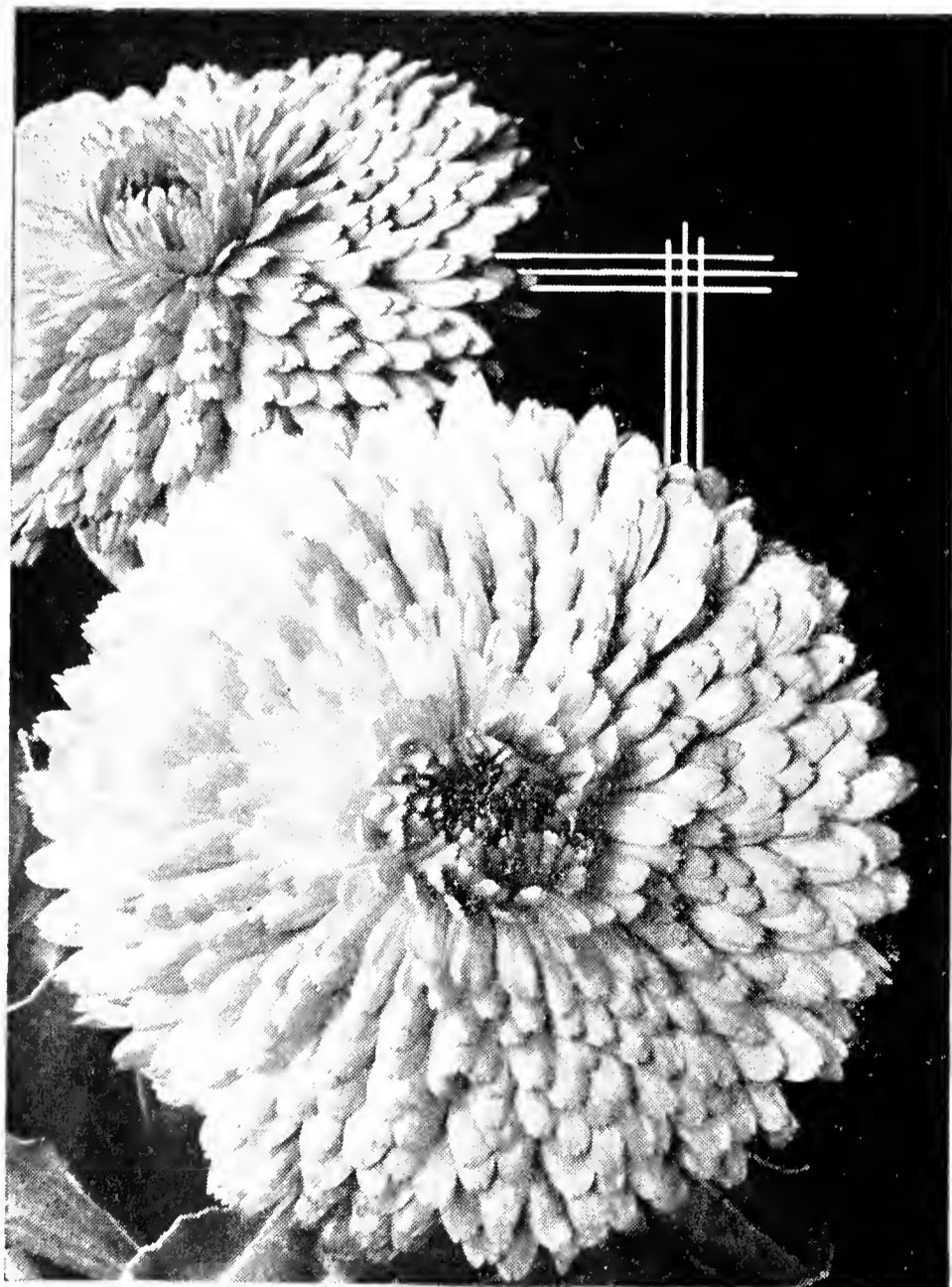
BROWALLIA

Very useful free flowering annuals. Tr. Pkt.

Browallia Speciosa Major. Color brilliant ultra marine blue, suitable for pot plant, bedding and border work. For outdoor work seeds should be sown in February, or later, shifted in pots, and planted out in May. Plants will bloom all summer..... \$0.35

CALENDULA

Calendulas are easily grown in a cool house on ground or raised benches, they will get long stems in a good rich ground bed. Sow seed first week in August for end of December or January crop.



Calendula Sensation Improved

	Tr. Pkt.	1/4 Oz.	Oz.
Ball's Gold. Deep golden yellow, extra long stemmed.....	\$0.25	\$0.50	\$1.50
Ball's Lemon Queen. Clear yellow, dark centered, medium long stem.....	.25	.50	1.50
Ball's Supreme. Light orange, dark center, medium long stem..	.25	.50	1.50
Ball's Masterpiece, the finest long stemmed, dark center orange....	.25	.50	1.50
Ball's Long Orange. Long-stemmed, light center, clear orange.....	.25	.50	1.50
Sensation, Improved. Long stems very double, brilliant orange flowers.....	.25	.50	1.50

Price of the above: 2 Ozs, \$2.50; 4 Ozs, \$4.50.

	Tr. Pkt.	Oz.
Orange King. Rich deep orange red, dark center, medium; fine for pots and bedding.....	\$0.15	\$0.50



Calceolaria

CALCEOLARIA HYBRIDA

This highly attractive pot plant calls for a cool house, must be sheltered from strong sun and they are easily over-watered. Sow seed in July-August for nice plants for Mothers' Day.

- | | |
|---|----------|
| | Tr. Pkt. |
| English Prize Strain. This mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties..... | \$1.00 |
| Flower Cloud. The most free blooming Calceolaria, in all colors. Leaves are rather elastic, making them easy to pack..... | 1.00 |
| Olympia. Brown red blotches on golden yellow ground, very shadowy..... | 1.00 |
| Tigered and Self-coloured A very attractive mixture of tigered or spotted types..... | 1.00 |
| Golden Tiger. Golden yellow, richly spotted red. Very attractive. Very compact..... | 1.00 |
| Indian Prince. A selection from the popular Multiflora Nana strain, retaining the fine dwarf, free-flowering habit. The color is a rich dark scarlet with an orange suffusion..... | 1.00 |
| Multiflora Nana Mixed. Fine mixture, select colors... | 1.00 |

CARNATION CHABAUD'S GIANT IMPROVED
 These carnations come into bloom five months from time seed is planted and continue to bloom throughout the summer.
Deep Rose Deep Salmon White Choice Mixed
 Each, Tr. Pkt., \$0.25; 1/4 Oz., \$0.60; Oz., \$1.90.

CARNATION GRENADIN (Perennial)

	Tr. Pkt.	1/4 Oz.	Oz.
Scarlet. Dwarf, 14 inch	\$0.30	\$0.65	\$2.50
Cardinal Red. 20 inch .....	.25	.55	1.75
Snow White .....	.25	.50	1.50
Triumph, Deep Pink .....	.25	.50	1.50
Grenadin Mixed .....	.25	.50	1.50

CANDYTUFT, Giant Hyacinth Flowered White, Extra Select

	Tr. Pkt.	Oz.
This is a very superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. 1 lb., \$7.50.....	\$0.20	\$0.75

CANDYTUFT UMBALLATA

	Tr. Pkt.	Oz.	Lb.
Carmine.....	\$0.15	\$0.40	\$3.25
Flesh Pink.....	.15	.40	3.25
Lavender.....	.15	.40	3.25
Rose Cardinal.....	.15	.40	3.25
White.....	.15	.40	3.25
Fine Mixed. All Varieties .....	.15	.35	3.00

CANDYTUFT PERENNIAL, IBERIS

	Tr. Pkt.	Oz.
Gibraltarica. Lilac shading to white.....	\$0.25	\$0.90
Queen of Italy. Rosy Lilac..	.20	.70

CARDINAL CLIMBER
 Ipomoea cardinalis..... .10 .20

CELOSIA DWARF (Fine for Pot Plants)

	Tr. Pkt.	1/8 Oz.
Pyramidalis Flame of Fire..	\$0.35	\$0.60
Lilliput Dwarf Fire Feather. .	.35	.60
Lilliput Dwarf Golden Feather.....	.35	.60
Glasgow Prize. Red (Cockscomb).....	.20	.35

CALLIOPSIS TALL, Bicolor, 3 1/2 feet

	Tr. Pkt.	Oz.
Splendens. Golden, brown center.....	\$0.10	\$0.40
Tinctoria. Yellow, maroon center.....	.10	.40
Dwarf Annual Varieties. Mixed.....	.10	.40

CAMPANULA MEDIUM CALYCANTHEMA, Canterbury Bells, 3 feet. Cup and Saucer.

	Tr. Pkt.	1/4 Oz.	Oz.
Dark Blue	\$0.20	\$0.40	\$1.35
Light Blue.....	.20	.40	1.35
Rose.....	.20	.40	1.35
White.....	.20	.40	1.35
Choice Mixed. Extra fine.....	.20	.25	1.25



Celosia plumosa dwarf (Lilliput).

CELOSIA

	Tr. Pkt.	¼ Oz.
Childsii (Chinese Wool Flower). Crimson.	\$0.20	\$0.40
Childsii (Chinese Wool Flower). Mixed.	.20	.40
Thompsonii Magnifica. 4 feet. Well balanced mixture of all colors in this class.	.25	.60

CENTAUREA, White Leaved

(Dusty Miller. For borders, vases, baskets.)

Candidissima, 6 inch. Silver gray foliage.	.15	.35
Gymnocarpa, 24 inch. Fine, silvery foliage.	.10	.20

CENTAUREA CYANUS, Double.

(Cornflower or Bachelor's Button), 3 feet

	Tr. Pkt.	Oz.	Lb.
Boy Blue. Finest blue.	\$0.15	\$0.35	\$4.50
Pinkie. Fine deep pink.	.15	.35	4.50
Blue. Double blue	.10	.25	3.00
Rose. Double rose.	.10	.25	3.00
Mauve Queen. Soft lavender.	.10	.25	3.00
Double Finest Mixed.	.10	.25	3.00

CENTAUREA IMPERIALIS

(Imperial Sweet Sultan), 3 feet

Larger-flowered than Cyanus. Double thistle type flower.

	Tr. Pkt.	Oz.
Amaranth Red.	\$0.15	\$0.50
Brilliant Rose.	.15	.50
Deep Lavender.	.15	.50
Delicate Lilac.	.15	.50
Choice Mixed.	.15	.45

CERASTIUM—SNOW IN SUMMER

	Tr. Pkt.	Oz.
Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June. Suitable for the rockery or for carpeting dry sunny spots or for covering graves.	\$0.25	\$1.00

CHEIRANTHUS

These are biennials. Very effective in the rockery or front of border.

	Tr. Pkt.	Oz.
Allioni (Siberian Wallflower). Brilliant orange flowers.	\$0.15	\$0.35
Linifolius (Alpine Wallflower). Flowers bright mauve.	.20	.75

CHRYSANTHEMUM—SHASTA DAISY

DAISY—Leucanthemum Maximum

	Tr. Pkt.	Oz.
Elder Daisy. Blooms four to five weeks earlier than Shasta Alaska. The blooms are smaller with more of them to a plant. Quite hardy. Blooms Memorial Day. 2 feet.	\$0.20	\$0.75
Shasta Alaska. The most popular of all. Very large pure white flowers with small yellow centers. In bloom May 20th. 2½ feet.	.25	.75

CINERARIA MARITIMA (Foliage Varieties)

	Tr. Pkt.	¼ Oz.
Candidissima. Silver, white leaved.	.15	.35
Diamond. White leaved.	.15	.40

CINERARIA HYBRIDA

	Tr. Pkt.
Cremer's Prize, Improved. A very excellent market strain. Distinguished by small foliage, medium to small flowers produced very profusely in large heads and medium tall habit.	\$1.50
Giant Prize Mixed. A fine semi-dwarf large flowered strain. Bright colors.	1.00
Multiflora Nana Potsdam. Very dwarf compact grower, the plants covering themselves with small flowers.	1.00
Multiflora Nana, "Gold Center." A selection of this dwarf strain with anthers in disc of flower more prominently golden yellow, distinctly adding to its attractiveness.	1.00
Siter's Rainbow Strain. A new market growers' strain sent out this season by a responsible eastern states grower. Described as of ideal compact growth with practically 100% light eye flowers.	2.00

CLARKIA ELEGANS DOUBLE, 2 feet

Sow in January, grow on in a flat or shallow raised bed. Must be run dry and not fed during growing season.

	Tr. Pkt.	Oz.
Brilliant. Carmine.	\$0.15	\$0.50
Firebrand. Copper scarlet.	.15	.50
Purple Prince. Purple.	.15	.50
Salmon Queen. Salmon pink.	.15	.50
Vesuvius. Orange scarlet.	.15	.50
White.	.15	.50
Choice Mixed.	.15	.45

COLEUS

	Tr. Pkt.
Large Leafed Hybrids. Seed saved from newest and finest large leafed varieties of superbly variegated foliage.	\$0.50
COREOPSIS GRANDIFLORA (Perennial) Very good cut flower material.	Tr. Pkt. Oz.
Flora Plena. Golden yellow, semi-double flowers.	\$0.15 \$0.55
Mayfield Giant. Large flowered, deep golden yellow.	.15 .50
Double New Gold. The flowers are large and fluffy, of rich golden yellow with long stems, ideal for cutting.	.20 .70



Coreopsis Mayfield Giant

COSMOS EXTRA EARLY SINGLE

	Tr. Pkt.	Oz.	½ Lb.
Crimson.....	\$0.10	\$0.20	\$1.50
Pink.....	.10	.20	1.50
White.....	.10	.20	1.50
Choice Mixed.....	.10	.20	1.25

COSMOS DOUBLE CRESTED, 4 feet

	Tr. Pkt.	¼ Oz.	Oz.
Crimson King.....	\$0.25	\$0.50	\$1.75
Pink Beauty.....	.25	.50	1.75
White Queen.....	.25	.50	1.75
Choice Mixed.....	.25	.40	1.50

COSMOS LATE SINGLE, 4 feet

	Tr. Pkt.	Oz.	½ Lb.
Lady Lenox. Giant Flowering Pink.....	\$0.10	\$0.15	\$1.00
Lady Lenox. Giant Flowering White.....	.10	.15	1.00
Perfection. Giant Flowering Crimson....	.10	.15

HYBRIDA

Orange Flare. Fine Orange.....	.25	.90
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CYCLAMEN

BINNEWIES — GERMAN STRAIN

Our seed is grown by E. Binnewies of Altfeld, Germany, who is recognized as one of the world's leading Cyclamen specialists.

Seeds put up 250, 500 and 1,000 to Package

No.	Seeds	100	1000
1 Dark Blood Red.....	\$1.20	\$10.00	
2 Bright Red.....	1.20	10.00	
3 Pure Rose.....	1.20	10.00	
4 Soft Rose with Carmine eye.....	1.20	10.00	
5 White with Carmine eye.....	1.20	10.00	
6 Pure White.....	1.20	10.00	
7 Bonfire. Brilliant salmon.....	1.70	15.00	
8 Salmon Scarlet(America Improved)	2.00	16.00	
9 New Salmon Rose Improved.....	1.60	13.00	
10 Salmon, Dark (Glory of Wandsbek or Perle of Zehlendorf).....	1.60	12.00	
11 Salmon, Light (Rose of Zehlendorf)	1.60	12.00	
12 Orange Beauty. Orange vermillion.	1.75	16.00	

CYNOGLOSSUM (Chinese Forget-me-not) 2 feet

	Tr. Pkt.	Oz.
Amabile Deep Ultramarine Blue.....	\$0.15	\$0.35
Amabile Fairy Blue. Bright Cambridge blue.....	.15	.35

DAHLIA, California Grown

Coltness Hybrids, Mixed.....	Tr. Pkt. ¼ Oz.	\$0.25	\$0.50
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SHASTA DAISIES

See Chrysanthemum Maximum.

ENGLISH DAISY—See BELLIS PERENNIS

DELPHINIUM PERENNIAL

	Tr. Pkt.	¼ Oz.	Oz.
Belladonna Improved. Light blue, large flowered and a strong grower. The finest strain of Belladonna on the market. 1 lb., \$36.00.....	\$0.50	\$0.75	\$2.50
Bellamosum Improved. Extra select, dark blue, large flowers, deeper, and more uniform color. 1 lb., \$36.00.....	.50	.75	2.50
Belladonna. Cliveden Beauty Improved.....	.35	.50	1.50
Bellamosum. Fine dark blue....	.35	.50	1.50
Summer Cloud. White, very fine.	.50	.75	2.50
DeLuxe Hybrids. Fine mixed, flowers extremely large.....	.50	.90	3.50



Delphinium DeLuxe Hybrids

DIANTHUS PINKS

ANNUAL DIANTHUS

[DIANTHUS CHINENSIS (China or Indian Pinks)

	Tr. Pkt.	¼ Oz.	Oz.
Chinensis, Double. Choice Mixed.....	\$0.10	\$0.15	\$0.40
Chinensis, Single. Choice Mixed.....	.10	.15	.40

DIANTHUS HEDDEWIGII (Japanese Pinks)

Heddewigii Hybridus. Double			
Choice Mixed.....	.10	.15	.50
Heddewigii, Single. Choice Mixed	.10	.15	.45

Sweet Wivelsfield. This may be grown either as an annual or biennial. The plants grow 12 inches high, of showy blooms with shades of pink and crimson.....

	.15	.30	.75
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DIANTHUS—HARDY PINKS

	Tr. Pkt.	¼ Oz.	Oz.
Cyclops, Single Perpetual. Various colors, red eye.....	\$0.15	\$0.25	\$0.75
Caesius (Cheddar Pink). A dwarf tufted variety. Rose-pink flowers	.15	.35	1.15
Delight. Colors from the palest pink to the deepest purple. The habit is neat and erect. Flowers from June until October.	.50	.....	.....
Deltoides Brilliant. Rich rose pink.....	.25	.45	1.50
Deltoides Splendens. Amaranth purple.....	.25	.45	1.50
Deltoides Mixed. Fine for rock gardens.....	.20	.35	1.25
Loveliness. Flowers have large lacerated petals of a most exquisite mauve pink, delightful fragrance.....	.50	.....	.....
Plumarius, Single Mixed (Pheasant Eye Pink).....	.10	.....	.30
Plumarius, Double Mixed (Hardy Garden Pinks).....	.20	.40	1.25

DIDISCUS
 Tr. Pkt. Oz.
Coeruleus. Blue lace flower.....\$0.20 \$0.75

DIGITALIS—FOXGLOVE
 Tr. Pkt. Oz.
Giant Shirley Mixed. A greatly improved strain of unusually strong, vigorous growth.....\$0.15 \$0.50

DOLICHOS (Hyacinth Bean)
 Tr. Pkt. Oz.
Purple, White, Mixed..... .10 .15

ESCHOLTZIA (California Poppy)
Carmine King. Deep carmine.....\$0.10 \$0.25
Golden West. Yellow with orange..... .10 .25
Lovely. Rose pink suffused salmon..... .15 .75
Orange Flame. Vivid orange scarlet.... .15 .75
Hybrida Mixture..... .15 .75

FEVERFEW (Matricaria) (Perennial)
 Tr. Pkt. ¼ Oz. Oz.
Double White. Fine for cut flowers.....\$0.15 \$0.20 \$0.50
Golden Ball. Bright yellow..... .25 .50 1.50

FORGET-ME-NOT (Myosotis) 1 foot
 Tr. Pkt. ¼ Oz.
Alpestris Royal Blue. Rich indigo blue.\$0.20 \$0.40
Alpestris Compacta. Deep blue..... .25 .45
Alpestris, Victoria Rosea. Rose color.. .25 .70
Alpestris, Victoria. Azure blue; very fine .25 .60
Palustris Semperflorens. The popular ever-blooming variety. Clear blue flowers in sprays..... .25 .45
Oblongata, Blue Bird. Large deep blue flowers 3 to 4 months after sowing. Also splendid for growing indoors during the winter..... .50 .85

FOUR O'CLOCKS
 Oz. ¼ Lb.
Marvel of Peru, Mixed.....\$0.10 \$0.25

GERANIUM
 Tr. Pkt.
Zonal. Finest mixed..... \$0.40

GEUM (Perennial)
 Tr. Pkt. ¼ Oz. Oz.
Lady Stratheden. Double orange yellow...\$0.25 \$0.50 \$1.60
Mrs. Bradshaw. Double scarlet..... .25 .45 1.50

GLOXIANA
 ½ Tr. Pkt. Tr. Pkt.
Hybrida Grandiflora. Choicest mixed.....\$0.60 \$1.00

GAILLARDIA—BLANKET FLOWER
 One of the showiest and most effective hardy perennial plants. It should have a place in every hardy border, also splendid for cutting. 2 feet. Tr. Pkt. Oz.
The Dazzler. The flowers are very large, dark rich red with a bright orange tip on end of each petal, making it a very attractive flower for florists.....\$0.25 \$1.40
Portola Hybrids. Plants of strong, vigorous, upright habit, 2½ to 3 feet high. Heavy, leathery, glaucous foliage. The long flower stems, straight and strong, hold the massive yellow and red flowers erect..... .25 1.00
Grandiflora Burgundy. Lovely wine red flowers on long stems..... .35 2.00
Grandiflora Superb Mixed. Splendid combinations of crimson and gold in great variety..... .25 1.00

GOMPHRENA Tr. Pkt. Oz.
Purple, Pink, Fine Mixed, each.....\$0.10 \$0.25

GOURDS ORNAMENTAL Oz.
Small Decorative Varieties, Mixed..... \$0.15

GRASSES (Ornamental) Annual Varieties
 Tr. Pkt. ¼ Oz. Oz.

Pennisetum Ruppelianum.
 (Purple Fountain Grass), 3 feet..\$0.20 \$0.30 \$0.90

Pennisetum Longistylum. Has a broad spike 2 to 4 inches long and feathery, white plumes; used to border Canna beds..... .10 .15 .40

GREVILLEA ROBUSTA
 Tr. Pkt. Oz.
Silk Oak..... \$0.15 \$0.60

GYPSOPHILA ELEGANS Oz. Lb.
Paris Market. Pure white, fine for cut flowers.....\$0.15 \$1.25

Grandiflora Alba, London Market. The largest flowered pure white Gypsophila. It grows about 12 inches higher than Paris Market..... .15 1.25

GYPSOPHILA—BABY'S BREATH (Perennial)
 Tr. Pkt.

Paniculata fl pl. Double flowering. The original type and one of the best perennials in the list for cutting..... \$0.50

Pacifica. Small pink blooms borne profusely after the paniculata varieties are past..... .50

HELICHRYSUM MONSTROSUM (Strawflower)
 3 feet Tr. Pkt. Oz.

Fireball. Crimson.....\$0.15 \$0.45
Golden Ball. Golden yellow..... .15 .45
Scarlet..... .15 .45
Rose Queen..... .15 .45
Mixed, extra Fine..... .15 .40

HOLLYHOCKS (Perennial)
 Tr. Pkt. Oz.

Chaters Double. Crimson.....\$0.20 \$1.00
Chaters Double. Deep rose..... .20 1.00
Chaters Double. Maroon..... .20 1.00
Chaters Double. Yellow..... .20 1.00
Chaters Double. Newport Pink..... .20 1.00
Chaters Double. White..... .20 1.00
Chaters Double. Mixed..... .20 1.00
Imperator Fringed. Delicate pink.... .40 1.75



GAILLARDIA

IMPATIENS

Sultani. Bright Rose..... Tr. Pkt. \$0.35

KALANCHOE GLOBULIFERA

	1000	3000
	Seeds	Seeds
Var. Coccinea. Bright scarlet flowers.		
Very choice pot plant.....	\$0.60	\$1.50

KOCHIA

(**Summer Cypress or Burning Bush**) 3 feet

	Tr. Pkt.	Oz.
Childsii. Ornamental green foliage....	\$0.10	\$0.20
Trichophylla. Green foliage, turning red in Fall.....	.10	.20

ANNUAL LARKSPUR

AN IMPORTANT CUT FLOWER CROP FOR BOTH IN AND OUTDOORS

Annual Larkspur is half hardy. In our latitude an outdoor fall sowing usually winters over when well started. This first outdoor should be followed by another sown as early as possible in the spring. Larkspur seed germinates poorly in a high summer temperature, and we do not recommend sowing during July and August.

IMPERIAL OR BASE BRANCHING VARIETIES

Blue Bell. Fairly deep blue; excellent.
Blue Spire. Very deep violet blue.
Carmine King. Carmine rose.
Cattleya. Rosy lilac.
Daintiness. Light Lavender blue.
Exquisite Pink Improved. Soft rich pink.
Gloria. Deep rose-pink; excellent.
Los Angeles Improved. Salmon-rose.
Lilac Queen. Rich lilac-lavender.
Lilac Spire. A fine lilac.
White Spire.
White King. A fine new early white.
 Prices on above: Tr. Pkt., 25c; 1 oz., 85c; 1 lb., \$10.00
 Mixed: Tr. Pkt., 20c; 1 oz., 75c; 1 lb., \$8.00.

ANNUAL LARKSPUR

TALL BRANCHING DOUBLE—Stock Flowered

	Tr. Pkt.	Oz.	Lb.
Dark Blue. Fine dark blue....	\$0.15	\$0.40	\$4.50
Empress Rose. Select Rose...	.15	.40	4.50
LaFrance. Salmon Pink.....	.15	.40	4.50
Lilac Improved.....	.15	.40	4.50
Los Angeles. Salmon rose.....	.15	.40	4.50
Rosamond. Fine rose pink....	.15	.50	6.00
Sky Blue. Light Blue.....	.15	.40	4.50
White. Pure white.....	.15	.40	4.50
Mixed. Best mixed.....	.15	.30	3.50

LINUM (Flax)

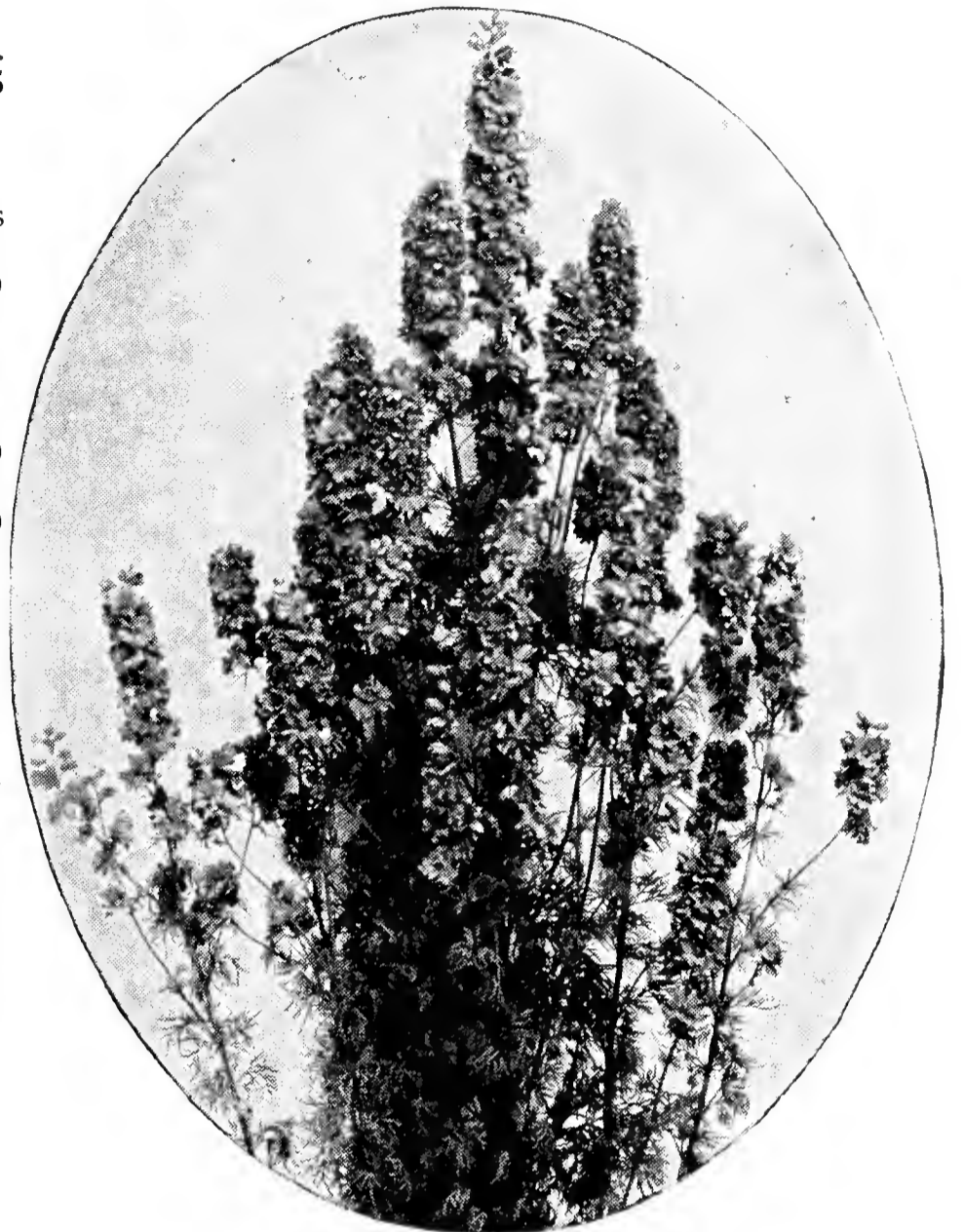
	Tr. Pkt.	Oz.
Grandiflorum Rubrum. Scarlet....	\$0.10	\$0.25
Perenne. Perennial Blue.....	.10	.35

LOBELIA

	Tr. Pkt.	¼ Oz.
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue.	\$0.25	\$0.70
Crystal Palace Compacta. 4 inches, ultra-marine blue. The best for edging; dark foliage.....	.25	.50
Florist Favorite. Dark blue, white eyes; 4 inches.....	.25	.50
Sapphire. For hanging baskets, large deep navy-blue with white eye.....	.25	.50

LOBELIA (Perennial)

	Tr. Pkt.	¼ Oz.
Cardinalis (Cardinal Flower). Brilliant scarlet blooms.....	\$0.50	\$1.50



Larkspur, Base Branching or Imperial

LUPINUS (Annual Lupines), 2 feet

	Tr. Pkt.	Oz.	½ Lb.
Hartwegii Albus	\$0.10	\$0.25	\$1.50
Hartwegii Dark Blue. Oxford blue.....	.10	.25	1.50
Hartwegii Sky Blue. Cambridge blue.....	.10	.25	1.50
Hartwegii Roseus. Pink.....	.10	.25	1.50
Hartwegii. Choice Mixed.....	.10	.20	1.25

MARIGOLD—See next page

MIGNONETTE

	Tr. Pkt.	¼ Oz.	Oz.
Golden Goliath. Giant golden yellow.....	\$0.15	\$0.25	\$0.75
Goliath Red. Large intense red spikes.....	.15	.25	.75

MIMULUS

	Tr. Pkt.
Moschatus. Monkey flower.....	\$0.35

NASTURTIUM, DOUBLE

	Oz.	¼ Lb.
Double Scarlet Gleam. Are a dazzling fiery orange scarlet, delightfully sweet-scented. 1 Lb., \$0.90.....	.10	.35
Double Golden Gleam. Especially adapted for window box culture, the plant being of a trailing habit and the flowers, which are large golden yellow, semi-double in form.....	.15	.35
Dwarf Double Golden Globe. Compact habit producing perfect plants for pots. Bears an abundance of large, double sweet-scented golden yellow flowers.....	.15	.40

MARIGOLD (Tagetes)

TALL AFRICAN DOUBLE FISTULOSA, 3 feet
An especially fine tall branching strain, bearing enormous flowers of the quilled type; valuable class for cutting.
Tr. Pkt. ¼ Oz. Oz.

- Orange All-Double.** A strain of African Marigold which has come about 95% double. . . . \$0.25 \$0.35 \$1.00
- Lemon All-Double.** A companion for orange All-Double. .25 .35 1.00
- Golden Emblem.** Rich golden yellow mid-way between orange and lemon.25 .40 1.25
- Lemon Queen Improved.** Very best double lemon, long stems, good keeper.25 .40 1.50
- Prince of Orange Improved.** True fistulosa type, largest well formed flowers. Glowing orange. Best for shipping. . . .25 .40 1.50
- Double Tall African Mixed.** .20 .30 .75

MARIGOLD AFRICAN DOUBLE IMBRICATA CARNATION-FLOWERED. 2½ feet
Tr. Pkt. ¼ Oz. Oz.

- Golden Beauty.** Very similar in habit, flower size and type to the well-known Guinea Gold. The color, is a rich golden yellow. \$0.25 \$0.35 \$1.25
- Yellow Supreme.** Broad loose frilled petals, of a rich creamy lemon yellow color.25 .35 1.00
- Guinea Gold.** Orange flushed with gold, producing many medium-sized flowers.25 .35 1.00

MARIGOLD MISCELLANEOUS LARGE FLOWERED

Chrysanthemum Flowered Hybrids. These new Hybrids consist of many new and distinct types of Marigolds, varying in size of bloom from two to four inches in diameter. Some of these types have petals which are very quilled and incurved.
Tr. Pkt. \$0.25; ¼ Oz. \$0.60; Oz. \$2.00.

Crown of Gold. Collarette. The first known Marigold with odorless foliage. Flower centers are of short curled, quilled petals with a collar of flat guard petals on outside. Color bright golden orange; Tr. Pkt. \$0.25; ¼ Oz. \$0.40; Oz. \$1.25.

Lieb's Winter Flowering. Mahogany brown with golden yellow crested center.
Tr. Pkt. \$0.25; ¼ Oz. \$0.75.

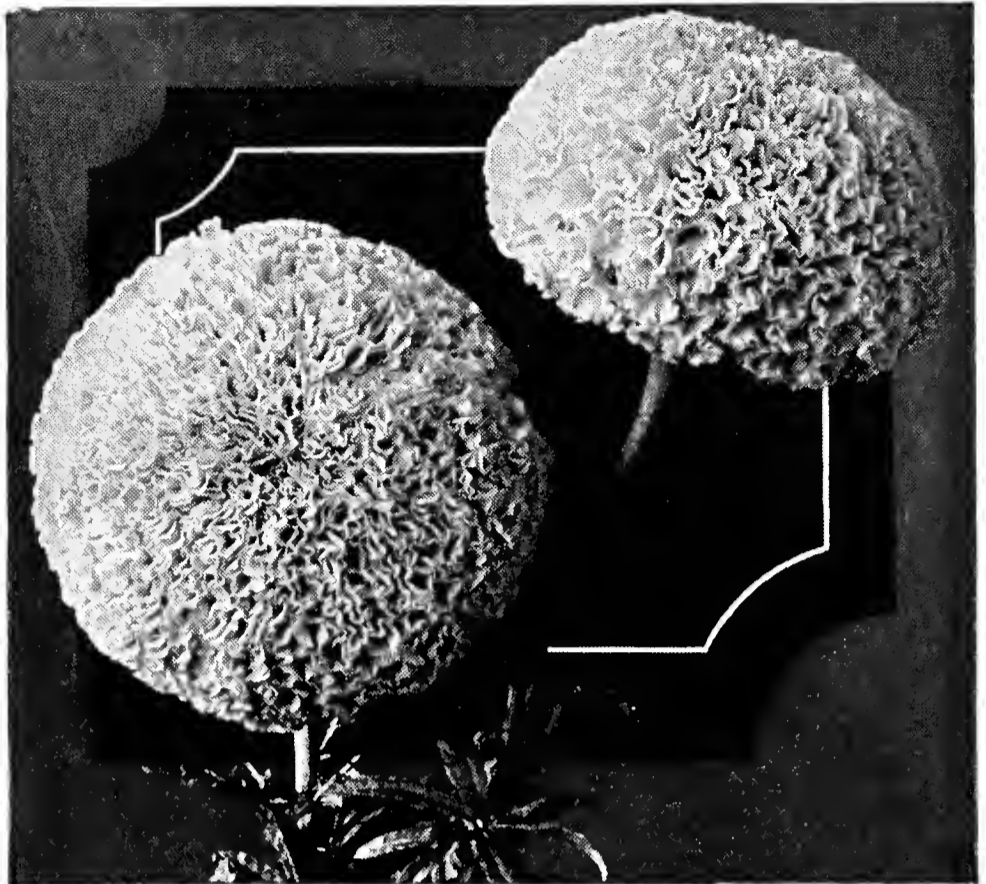
MARIGOLD DWARF FRENCH ALL-DOUBLE
We take pleasure in offering fine Improved French Marigolds. They are **early** flowering and **all-double**.
Dwarf Harmony All-Double. Center deep orange, surrounded by maroon, brown color.

- Dwarf Orange All-Double.** A fine dwarf orange.
- Dwarf Primrose All-Double.** A fine light primrose.
- Dwarf Royal Scot All-Double.** Color a rich mahogany and gold in uniform stripes.
Each: Tr. Pkt. \$0.35; ¼ Oz. \$0.60; Oz. \$1.90.

All Double Dwarf Mixed:
Tr. Pkt. \$0.25; ¼ Oz. \$0.50; Oz. \$1.75.

MARIGOLD DWARF FRENCH SINGLE, 1 foot
Tr. Pkt. ¼ Oz. Oz.

- Fire Cross.** Saffron orange with brown red center. \$0.10 \$0.20 \$0.50
- Gold Star.** Yellow striped maroon. .10 .20 .60
- Legion of Honour (Little Brownie)** .10 .20 .50
- Star of India.** Crimson striped yellow.10 .20 .60
- Tagetes, Signata Pumila.** Very dwarf orange.15 .25 .90
- Choice Mixed.** Extra choice.10 .15 .40



Marigold African Tall All-Double

MARIGOLD DWARF FRENCH DOUBLE, 1 foot
Tr. Pkt. ¼ Oz. Oz.

- Golden Ball Monarch Strain.** Extra large flowers. \$0.10 \$0.20 \$0.50
- Harmony.** Center deep orange, surrounded by maroon-brown collar.15 .25 .75
- Pallida.** Dwarf compact, pale sulphur yellow.10 .20 .50
- Robert Beist.** Dark maroon.10 .20 .50
- Striped.** Extra select.15 .25 .90
- Monarch Strain, Mixed.**10 .20 .50

MOON FLOWER Oz. ¼ Lb.

- Noctiflora.** Large white. \$0.30 \$0.85
- Large Deep Blue.**40 1.00

MORNING GLORY Tr. Pkt. Oz.

- Heavenly Blue, Clark's Strain.** \$0.15 \$0.45
- Japanese Fringed Mixed.**15 .25

GIANT PANSIES

Super Swiss Giant Select Mixed. The flowers are of excellent substance of immense size, and the mixture shows outstanding and very attractive colors, mostly large blotched.
Tr. Pkt. \$0.50; ⅛ Oz., \$1.00; ¼ Oz., \$1.75; 1 Oz. \$6.50; 4 Oz. \$24.00.

Pedigree Giant Select Mixed. We can highly recommend our Pedigree Pansy as suitable for all purposes.
Tr. Pkt. \$0.50; ⅛ Oz. \$1.50; ¼ Oz. \$2.50; 1 Oz. \$9.00
Tr. Pkt. ¼ Oz. Oz.

- America, Special Florist Strain.** Good substance with wide color range. Free flowering. \$0.50 \$1.60 \$6.00
- Donovan's Strain.** Used by Michigan growers.50 1.40 5.00
- Maple Leaf Giants.** Producing long stems makes it suitable for green-house forcing for cut flowers .50 2.25 7.00
- Large Flowering Mixed.**25 2.00 3.50

ROGGLI, SUPER SWISS GIANTS

Tr. Pkt. ¼ Oz. Oz.

- Berna.** Dark Violet blue. \$0.50 \$1.75 \$6.00
- Blue (Ullswater).**50 1.75 6.00
- Rheingold.** Yellow with blotch. . . .50 1.75 6.00
- Swiss White.** Pure white.50 1.75 6.00
- Cattleya-Flowered.**40 1.25 5.00

PHLOX DRUMMONDI, Nana Compacta

Dwarf type for bedding.

	Tr. Pkt.	¼ Oz.	Oz.
Defiance. Most brilliant cinnabar.....	\$0.30	\$0.65	\$2.40
Fireball. Striking fine bright scarlet.....	.30	.55	2.00
Isabellina. Yellow.....	.30	.55	2.00
Meteor. A fine carmine rose.....	.30	.75	2.75
Snowball. Splendid white.....	.30	.65	2.40
Splendens. Deep carmine with white eye.....	.30	.70	2.50
Victoria. Select deep scarlet.....	.30	.70	2.50
Violacea. Deep violet, white eye.....	.30	.70	2.50
Dwarf Fine Mixed.....	.30	.70	2.40
Cecily Mixed. Large-flowering. 8 inch. This is one of the finest Annuals for use in combination pots.....	.30	.60	2.25

PHLOX DRUMMONDI GIGANTEA ART SHADES

A new strain of Phlox Drummondii with flowers an inch and a quarter to an inch and a half in diameter. It has a most wonderful range of color in soft Art Shades.

The soft colors blended together make a most beautiful mixture and a color combination never before seen in annual Phlox. Plants about ten inches high.

Tr. Pkt. \$0.25; ¼ Oz. \$0.50; Oz. \$1.75.

PENTSTEMON—BEARD TONGUE

Most useful showy perennials, flowering throughout the summer months.

	Tr. Pkt.	¼ Oz.
Grandiflorus, Mixed. Containing a great variety of sorts.....	\$0.25	\$0.45

PERENNIAL PHLOX

	Tr. Pkt.	¼ Oz.
Decussata, Mixed. Seed saved from a fine collection of named sorts.....	\$0.25	\$0.45

PHYSOSTEGIA (False Dragon Head)

	Tr. Pkt.	¼ Oz.	Oz.
Virginica. One of the prettiest hardy perennials. It forms dense bushes, 3 to 4 feet high, spikes of delicate pink tubular flowers.....	.20	.40	1.40

PLATYCODON (Perennial)

	Tr. Pkt.	¼ Oz.	Oz.
Grandiflorum. Large steel-blue flowers.....	\$0.15	\$0.30	\$0.95

POPPY ICELAND (Nudicaule) (Perennial)

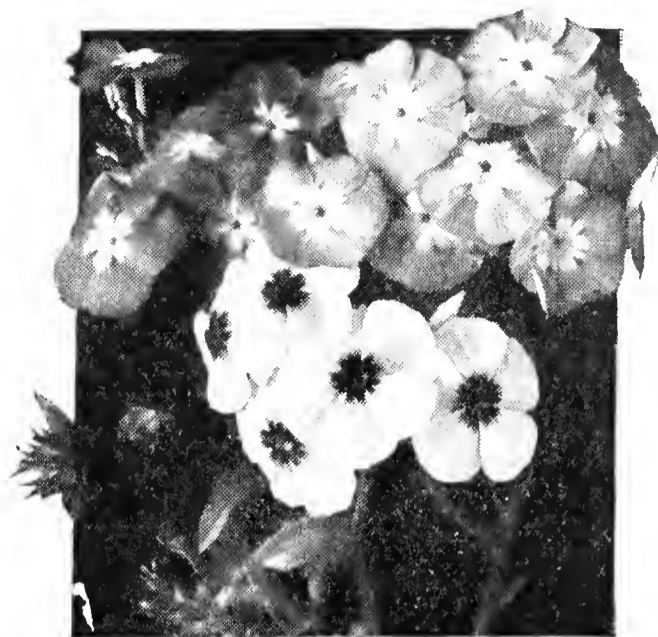
	Tr. Pkt.	¼ Oz.	Oz.
El Monte. Tangerine orange.....	\$0.25	\$0.50	\$1.90
Fakenham Hybrids. The flowers are 2½ to 3 inches in diameter and come in shades of orange and yellow and white, with long, stiff stems.....	.25	.50	1.80
Gartref New Hybrids. Selected from range of art shades. Excellent cut flower. Blooms the first year.....	.25	.50	1.90
Special Mixture of Iceland Poppies. Contains every worthwhile strain of the beautiful and useful Poppies.....	.25	.50	1.90

POPPY ORIENTALE (Perennial)

	Tr. Pkt.	¼ Oz.	Oz.
Brilliant. Brilliant fiery-red, 40 in.	.25	.50	1.50
Beauty of Livermere. Dark ox-blood.....	.30	.60	2.25
Carneum. Light and dark salmon pink shades.....	.25	.50	1.90

POPPY ANNUAL

	Tr. Pkt.	Oz.
Shirley Finest Single Mixed	\$0.10	\$0.35
Carnation Flowering Double Mixed ..	.10	.35



Phlox Drummondii Grandiflora

PORTULACA (Moss Rose)

A very excellent plant for dwarf bedding or border work. Very easily grown.

	Tr. Pkt.	Oz.
Grandiflora Double Mixed. Extra select.....	¼ Oz., 60c	\$0.25 \$2.00
Grandiflora Single Mixed.....	.10	.50

PRIMULA OBCONICA (In Sealed Containers)

1000 Seeds

Better Days. Deep carmine red. Very large flowering. The compact, well-branched growth is very symmetrical and the mass of flower heads show evenly above the dark green foliage.....		\$1.50
Fasbender's Red. Extra large deep crimson..		1.50
Mohnstein's Atrosanguinea. Dark Red....		1.50
Mueller Atrosanguinea. Lighter shade.....		1.50

PRIMULA MALACOIDES (Baby Primrose)

Tr. Pkt.

Erikssoni, Baby Rose. Deep rose.....		\$1.00
Brilliancy. Opens lavender, changing to crimson-red.....		1.00
Double White. A new and popular sort.....		1.00
Malacoides (Baby Primrose). Light lilac. Very graceful; fine summer and winter-blooming plant.....		1.00

PYRETHRUM HYBRIDUM (Perennial)

One of the really good hardy perennials, valuable alike for cutting or planting in the hardy border.

	Tr. Pkt.	¼ Oz.	Oz.
Hybridum, Single. Large flowering. Mixed.....	\$0.20	\$0.40	\$1.25
Hybridum, Double Mixed. Is especially desirable because of the large percentage of double.....	.40	.75	2.75

RICINUS (Castor Oil Plant)

	Tr. Pkt.	Oz.	¼ Lb.
Sanguineus. Red stalks.....	\$0.10	\$0.15	\$0.40
Zanzibariensis, Mixed.....	.10	.15	.40

RUDBECKIA (Perennial)

	Tr. Pkt.	¼ Oz.	Oz.
Kelvedon Star. Brown discs.....	\$0.25	\$0.40	\$1.35
My Joy. Orange yellow.....	.25	.40	1.35

Purpurea (Giant Purple Cone Flower). Flowers about 4 inches across of a peculiar reddish purple with a remarkably large cone-shaped center.....	.25	.45	1.60
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SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass.

	Tr. Pkt.	¼ Oz.	Oz.
Emperor (Superbissima). Finest Mixed.....	.20	.30	.85

SELECTED PETUNIAS

Good Petunias are becoming more in demand each year, the medium and dwarf varieties for bedding, and the Fringed and Double as a pot plant for Mothers Day Sales.

To grow good Petunias you must have rich soil. Before sowing the seed we recommend treating the soil with hot water to kill all fungi and weed seed in the soil.

Our Petunia seeds are of the finest quality, grown by the best growers in Europe and California, from selected plants, and are hand pollenized, no matter how careful the selection, you sometimes will find a few plants which revert to the old type; these usually bloom first. This is a natural habit of petunias.

ALL DOUBLE DWARF "VICTORIOUS" STRAIN

These plants are remarkably uniform in habit, producing a wonderful assortment of brilliant and fancy colorings. They produce very large, fully doubled flowers. As they seldom grow more than 10 inches in height, they are very suitable for pot plant sales.

All-Double Dwarf Amaranth Red. A bright, rich color.

All-Double Dwarf Loveliness. An attractive clear pink.

All-Double Dwarf Purple. Dark velvety purple.

All-Double Dwarf Rose Carmine (World Beauty). Fringed bright carmine flowers.

All-Double Dwarf White. Pure white.

All-Double Dwarf Giant Fringed Mixed (Victorious). The flowers are very large, exquisitely ruffled and fringed and contain a good range of brilliant colors.

Above varieties: 1/2 Tr. Pkt. (500 seeds), \$1.00 Tr. Pkt. (1000 seeds) \$2.00. Any 3 Tr. Pkts. for \$5.00.

DWARF CALIFORNIA GIANTS IMPROVED

Dwarf California Giants. Dark Crimson.

Dwarf California Giants. Rose-pink.

Dwarf California Giants. Rosie. Rose lavender.

Dwarf California Giants. Velvety scarlet.

Dwarf California Giants. White.

Each of the above varieties:

Tr. Pkt. \$1.00; 1/32 Oz. \$2.75.

Tr. Pkt. 1/32 Oz.

Dwarf California Giants. Choice

Mixed, a superb strain of dwarf compact single petunia, with giant ruffled flowers. The giant flowers have extra large veined throats. This mixture has a splendid color balance.....

\$1.00 \$2.75

Ramona Strain. A dwarf sturdy growing type, especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.....

1.00 2.75



Petunia Dwarf Lace Veil Fringed



LARGE-FLOWERING DWARF SINGLE FRINGED, 10 inch

	Tr. Pkt.	1/32 Oz.
Clear Pink. Exactly the same to Setting Sun, except color, a soft "La France Pink".....	\$0.50	....
Dainty Lady. Beautiful light yellow.	.75	....
Gaiety. Dwarf, rose and white..	.50	....
Gottfried Michaelis. Very dwarf. amaranth red.....	.50	....
Lace Veil. Pure white, fringed....	.50	\$3.75
Lilac Queen. The flowers are large, well fringed of soft lilac.....	.75	....
Setting Sun. Dwarf, brilliant rose	.50	2.50
Violet Blue. The best violet fringed.	.50	....
Fringed Single Choice Mixed.....	.50	2.50

LARGE SINGLE PLAIN EDGED Tr. Pkt.

Flowers 3 to 4 inches in width; height 12 inches.

Elks Pride. Velvet violet, plain edge.....	.50
Blue Alba Oculata. Violet blue with white star.....	.50
Dwarf Carmine Glory. One of the brightest carmine.....	.50
Dwarf Pink Glory. Rich flaming rose-pink....	.50
Dwarf Striped Glory. White striped crimson.	.50
Dwarf White Glory. A fine pure white....	.50
Dwarf Glory. Selected mixed.....	.50
White Cloud. Large flowered white.....	.40

LARGE SINGLE FRINGED GRANDIFLORA

(Flowers 3 to 4 inches across) Tr. Pkt

Golden Jubilee. Large flowering fringed, yellow throat, carmine edge. ....	.50
Maculata. Blotched red and white; fringed...	.50
Pride of Portland. Rose pink, fringed.....	.50
Purple Beauty. Deep velvety violet, fringed..	.50
Violacea. Velvety violet blue, fringed.....	.50
Large Flowering Single. Fringed, Mixed....	.50

PETUNIAS—(Continued)

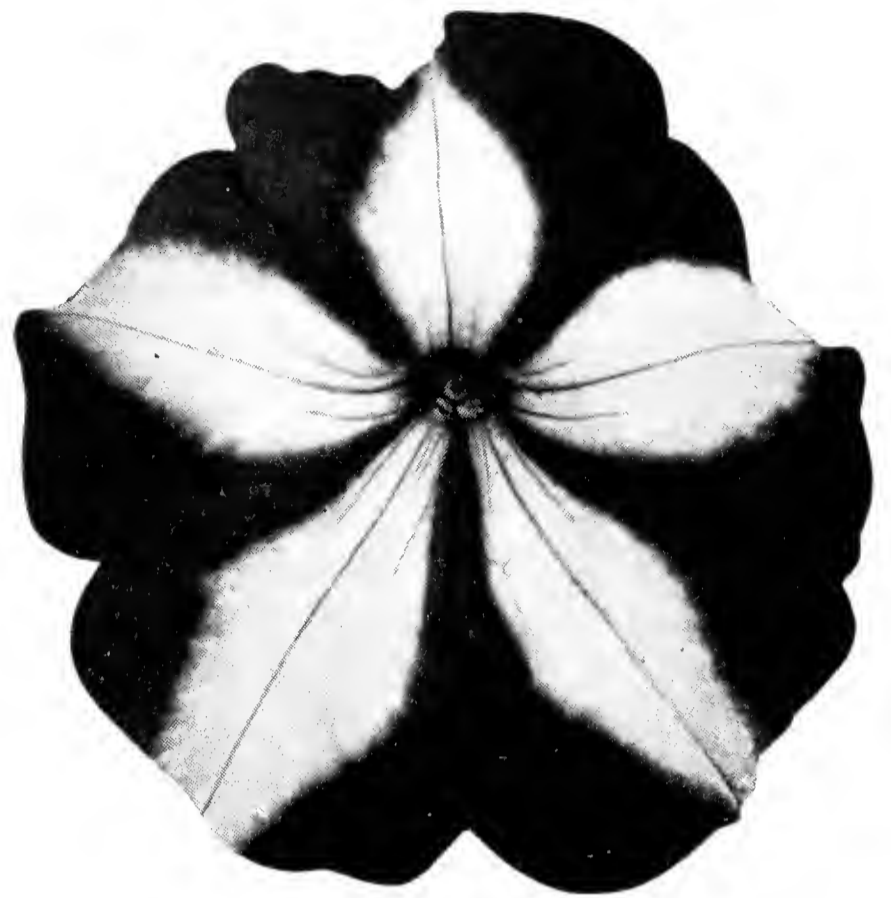
PETUNIA HYBRIDA NANA, ERECTA

SINGLE SMALL-FLOWERED DWARF SORTS

BEDDING VARIETIES

The most popular and satisfactory dwarf bedding class.

	Tr. Pkt.	¼ Oz.	Oz.
Alderman. Clear deep violet-blue.	\$0.35	\$0.60	\$1.90
Adora. The color of flowers is the most lovely rosy carmine with pure white star.....	.50	.....	.....
Blue Bedder. Deep Blue with some violet.....	.35	.85	2.40
Blue Bird. Deep velvety purple-blue.....	.35	.70	2.40
Celestial Rose. This variety is a great improvement on Rose of Heaven, being more compact in growth and deeper in color.....	.40	1.40	3.75
Cockatoo. Deep velvety violet purple, with irregular-sized white spots and stars.....	.35	1.20	.....
Crimson. Same shade as General Dodds.....	.25	.60	.....
Dwarf General Dodd. This is almost identical to the popular General Dodd, regarding the color of flowers, a velvety blood red, but differs in the growth. In height this does not exceed 10 inches with equal diameter and is extremely floriferous.....	.50	1.50	.....
Dwarf Howard's Star. Almost every flower shows the characteristic star on velvety dark purple ground.....	.40	1.50	.....
Gloria. Carmine rose.....	.25	.50	1.50
Inimitable. Dwarf blotched and striped.....	.25	.40	1.40
Little Blue Star. A counterpart of Adora. Exactly identical, excepting color of flower, which is dainty clear blue or violet shade, white star.....	.50	.....	.....
Martha Washington. Dwarf variety with medium to small, somewhat frilled flowers of light blush color.....	.40	.....	.....
Norma. Violet-blue, white star. Choice dwarf variety.....	.25	.40	1.40
Periwinkle. A delightful shade of pastel blue.....	.25	.70	2.40
Rose of Heaven. The best strain on the market for borders and bedding. Perfectly uniform, fine rose-pink color, dwarf habit.....	.25	.50	1.60



Dwarf Howard's Star Petunia

	Tr. Pkt.	¼ Oz.	Oz.
Rose Queen. A dwarf compact, brilliant rose, good bedder.....	.40	1.20	.....
Rosy Morn. Pink, white throat. A selected very dwarf strain; excellent.....	.25	.65	2.25
Rosy Morn, Improved. Very attractive color, bright, and comes very true, slightly deeper in shade than original.....	.40	1.75	.....
Silver Blue. (Heavenly Blue), light blue.....	.35	1.00	.....
Snowball. Pure white, very compact.....	.25	.50	1.50
Snow Queen. A fine pure white of compact dwarf habit.....	.35	.90	.....
Tyrian Rose. The color is a bright rose shade. Compact growth, fine for bedding.....	.25	.75	2.75.
Violacea. Deep violet, compact; the finest dwarf violet.....	.25	.65	2.25
Choice Bedding Mixed. A very choice mixture which contains Nana Erecta varieties only in a splendid blend of color.....	.25	.50	1.40

PETUNIA BALCONY PENDULA

Highly suitable for window boxes.

	Tr. Pkt.	¼ Oz.
Blue. Velvety violet blue, extra select..	\$0.35	\$0.90
Crimson. Dark red.....	.25	.75
Rose. Fiery rose, select strain.....	.25	.80
Star of California. Violet shaded crimson; white blotches.....	.25	.65
White. Pure white.....	.25	.80
Balcony Mixed.....	.25	.65

SALVIA SPLENDENS

We fully realize the importance of Salvias to florists and are careful to arrange for our stock with an American specialist who supplies only fine plump seed.

	Tr. Pkt.	¼ Oz.	Oz.
Bonfire or Clara Bedman	\$0.25	\$0.50	\$1.75
Firebrand. Compact early.....	.40	.75	2.90
Harbinger. A new early flowering dwarf variety that we consider the most desirable of all Scarlet Salvias.....	.35	.70	2.50
Splendens. Tall, 24 inches.....	.20	.40	1.40
Zurich. Early flowering, fine dwarf, 12 inches.....	.30	.60	2.00

SALVIA (Perennial)

Blue Bedder. Compact, deep blue.	.25	.60	2.00
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SALPIGLOSSIS

	Tr. Pkt.	¼ Oz.
Emperor (Superbissima.) Finest Mixed.....	\$0.20	\$0.30

SCABIOSA

Choice long-stemmed annuals for summer cutting.

	Tr. Pkt.	Oz.
Azure Fairy. Azure blue.....	\$0.15	\$0.50
Fire King. Rich rosy crimson.....	.15	.50
King of Blacks. Reddish black.....	.15	.50
Loveliness. Delicate salmon rose.....	.20	.75
Shasta. Pure white, very large.....	.15	.50
Choice Mixed.....	.15	.40

SCABIOSA (Blue Bonnet) 3 feet (Perennial)

	Tr. Pkt.	¼ Oz.
House's New Hybrids. Flowers very large and of beautiful form ranging in color from light azure-blue and lavender to deep blue and silvery white.....	\$0.35	\$0.75

SCHIZANTHUS (Butterfly Flower)

Giant Flowering Hybrids. An extra select large flowered hothouse strain...	.40	.90
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Compactus. The plants grow dwarf and compact, making them suitable for pot culture, mixed colors.....	.40
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STATICE

The seed of annual statice is of irregular germination.

	Tr. Pkt.	Oz.
Suworowii, Russian or Rat Tail. Excellent for spring cutting from either large pots or beds. Excellent for pot specimens.....	\$0.25	\$0.75

Sinuata. Largely used outdoors, but can be forced in a greenhouse.		
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Kampf's Tall Improved. Very bright deep blue; excellent for cutting; 3 feet.	.25	.80
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STATICE (Sea Lavender) (Perennial)

Splendid hardy perennials either for the border or rockery, producing panicles of minute flowers which can be dried and used for winter bouquets.

	Tr. Pkt.	¼ Oz.	Oz.
Perezii. Rich blue.....	\$0.20	\$0.50	\$1.40
Latifolia. Lavender.....	.20	.40	1.25
Statice Dumosa. Clear silvery white. The finest for drying....	.20	.50	1.50
Tatarica (Incana). Small white flowers, 1½ feet.....	.15	....	.50

SMILAX

	Tr. Pkt.	Oz.	½ Lb.
Myrsiphyllum Asparagoides	\$0.20	\$0.40	\$2.00



Salvia Harbinger

SOLANUM (Jerusalem Cherry) 15 inches

	Tr. Pkt.	¼ Oz.
Hlavacek's Masterpiece. More compact than the old type and produces fruit much more freely.....	\$0.20	\$0.45
Bird's Eye Pepper. Florist strain, small bright red berries.....	.25	.50

SWEET WILLIAM—DIANTHUS BARBATUS

There is always a good demand for these beautiful free-flowering old-fashioned favorites. (Perennial)

	Tr. Pkt.	¼ Oz.	Oz.
Single Dark Crimson	\$0.15	\$0.20	\$0.50
Single Holborn Glory. Auricula eyed.....	.15	.20	.60
Single Newport Pink.....	.20	.25	.75
Single Scarlet Beauty.....	.20	.25	.75
Single White.....	.15	.20	.50
Single Choice Mixed.....	.15	.20	.50
Double Choice Mixed.....	.20	.25	.75

THUNBERGIA (Black Eyed Susan)

	Tr. Pkt.	¼ Oz.	Oz.
Mixed. Used as a trailer for window and porch boxes. ¼ Lb.	\$1.35	\$0.15	\$0.20 \$0.50

TITHONIA SPECIOSA

(The Golden Flower of the Incas) 5 feet

Orange Scarlet	Tr. Pkt.	\$0.35
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TORENIA FOURNEIRI

	Tr. Pkt.	¼ Oz.
Flowers are sky blue, blotched dark blue with yellow centers.....	\$0.25	\$0.60

TRITOMA (Red Hot Poker) 3 feet

	Tr. Pkt.	¼ Oz.	Oz.
Hybrida Mirabilis. Blooms first year.....	\$0.25	\$0.45	\$1.75

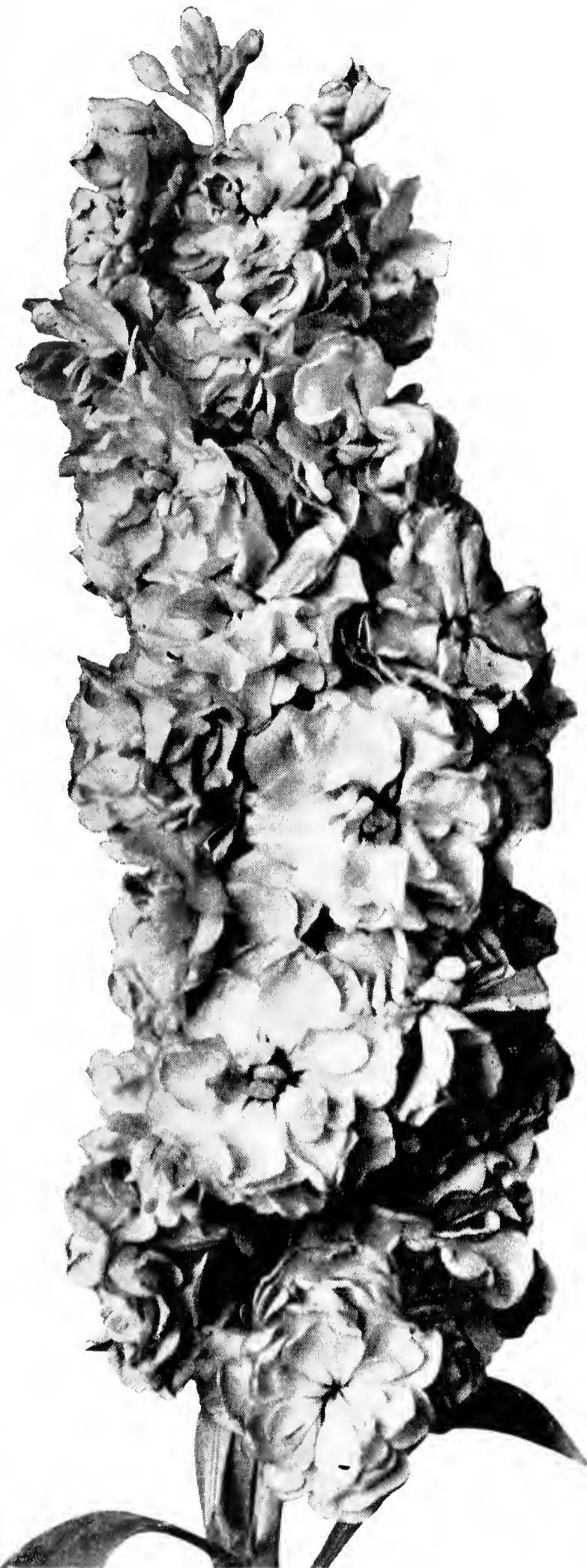
VIOLA (Tufted Pansies) 8 inches

	Tr. Pkt.	¼ Oz.
Jersey Gem	\$0.50	....
Lutea Splendens.....	.25	.50
White Perfection.....	.25	.50

VINCA ROSEA (Periwinkle)

This seed should be sown early to secure salable plants for spring.

	Tr. Pkt.	Oz.
Rosea Alba. White, with rose center...	\$0.20	\$0.75
Alba Pura. Pure white.....	.20	.75
Rosea. Pink.....	.20	.75
Mixed.....	.20	.75



STOCKS---NON-BRANCHING COLUMN

These produce one spike of large double flowers 2 to 2½ feet high and can be planted close together in the bench.

Seed of our Non-Branching Stocks is grown for us by the best growers of this seed for the Florist Trade, and should give from 70 to 75% double flowers.

Our strain of this important florists' stock is true to type and quality unsurpassed.

- Chamois Pink.** Apricot or chamois pink. A desirable cut flower.
- Ball's White.** Sometimes slightly tinged blush. However, for all general purposes it can be used for pure white.
- Dark Blue.** Rather deep lilac. Fine color.
- Lilac Lavender.** A very attractive, clear, bright lavender. Generally finds the largest demand above any color in this class.
- Malmaison Pink (New).** Light enchantress carnation pink. Covers the demand for pink color in this family.
- Moonlight.** A fine double yellow.
- Old Rose.** A soft old rose color.
- Rose Pink.** This is the popular clear rose-pink which florists and the public admire. The florets are huge, two and a half inches across and very double.
- Ruby.** Rich crimson red.

Each of the above: Tr. Pkt. \$1.00; ¼ Oz. \$2.25; Oz. \$8.00.

STOCKS---DOUBLE EARLY GIANT IMPERIAL IMPROVED BISMARCKS

An especially meritorious class; of branching habit. Very early blooming and producing a high percentage of doubles, 2½ ft. Suitable for greenhouse culture or growing out of doors.

- Chamois.** Ivory tinted rose.
- Elk's Pride.** Rich deep purple.
- Flesh.** Delicate shade of pink.
- Lavender.** Bright lavender.
- Lilac.** Lilac lavender.
- Rose.** Deep rose pink.
- Santa Maria.** Pure white.
- Shasta.** Glistening white.
- Fine Mixed.** Choice blend.

Each of the above: Tr. Pkt. \$0.35; ¼ Oz. \$1.00; Oz. \$3.00.

Roselight. A fine rose pink.
Tr. Pkt. \$0.50; ¼ Oz. \$1.50; Oz. \$5.00.

DWARF LARGE-FLOWERING TEN WEEKS

Dwarf Large-Flowering. Extra choice. 10 weeks. **Mixed**, all colors.....Tr. Pkt. \$0.25

SWEET PEAS EARLY OR WINTER FLOWERING

Our Early Flowering Sweet Peas are especially grown for culture under glass. They are equally desirable for growing out of doors.

	Oz.	¼ Lb.	Lb.
Ball Rose Improved. Extra rich deep rose....	\$0.35	\$1.20	\$4.00
Ball Orange, Improved. Clear deep glowing orange.....	.60	2.00	7.50
Sequoia. Rich salmon-rose. Extra large.....	.35	1.20	4.00
Shirley Temple. A new pink of great value....	.35	1.20	4.00
Triumph. The color is lovely soft-lilac-mauve..	.35	1.20	4.00

- American Beauty.** A rich crimson rose.
- Apollo.** A soft salmon pink self.
- Ball Orange.** Finest orange.
- Burpee's White.** Giant white seeded.
- Blue Bird.** A magnificent violet-blue.
- Bridesmaid.** A charming deep silvery pink.
- Cattleya.** Attractive rosy lilac.
- Exposition Pink.** Large waved rich pink.
- Fragrance.** Large frilled lavender flowers.
- Giant Rose.** Improved Zvolanek's Rose.
- Harmony.** Clear lavender.

- Heather Bell.** Mauve lavender.
- Hope.** Black seeded pure white.
- Jeanne Mamitsch.** Rose-pink.
- Laddie.** Rose-pink on white ground.
- Lavanda.** Large clear lavender.
- Majestic Rose.** Deep brilliant rose pink.
- Mrs. Herbert Hoover.** Uniform blue.
- Pride.** Pure cerise.
- Valencia.** Color bright orange, sun-proof.
- Vogue.** Lilac lavender, flushed rosy lavender.
- White Harmony.** Black-seeded white.

Each of the above: Oz., \$0.30; ¼ Lb., \$1.00; Lb. \$3.40.

Select Mixed: Oz., \$0.25; ¼ Lb., \$0.75; Lb. \$3.00.

VERBENA HYBRIDA GRANDIFLORA

A magnificent strain of Verbenas, of robust compact habit and free blooming. The trusses are immense, the individual florets measuring an inch in diameter.

	Tr. Pkt.	¼ Oz.	Oz.
Apple Blossom. White shading to cameo pink.....	\$0.25	\$0.50	\$1.75
Beauty of Oxford Hybrid. A beautiful giant hybrid, rose-pink.	.25	.60	2.00
Blue. White eye.....	.20	.40	1.25
Coccinea. Scarlet, small eye.....	.25	.50	1.50
Etna. Geranium red with creamy yellow eye.....	.25	.50	1.50
Salmon Pink. Fine shade of salmon pink.....	.25	.50	1.50
Lavender Glory. Large lavender with creamy white eye.....	.25	.60	2.00
Rose Cardinal. Rose, white eye..	.25	.50	1.50
Spectrum Red. Intense pure bright red.....	.25	.60	1.90
Violacea Stellata. Deep violet, white eye.....	.25	.50	1.50
White.....	.25	.50	1.50
Grandiflora Mixed.....	.25	.40	1.25

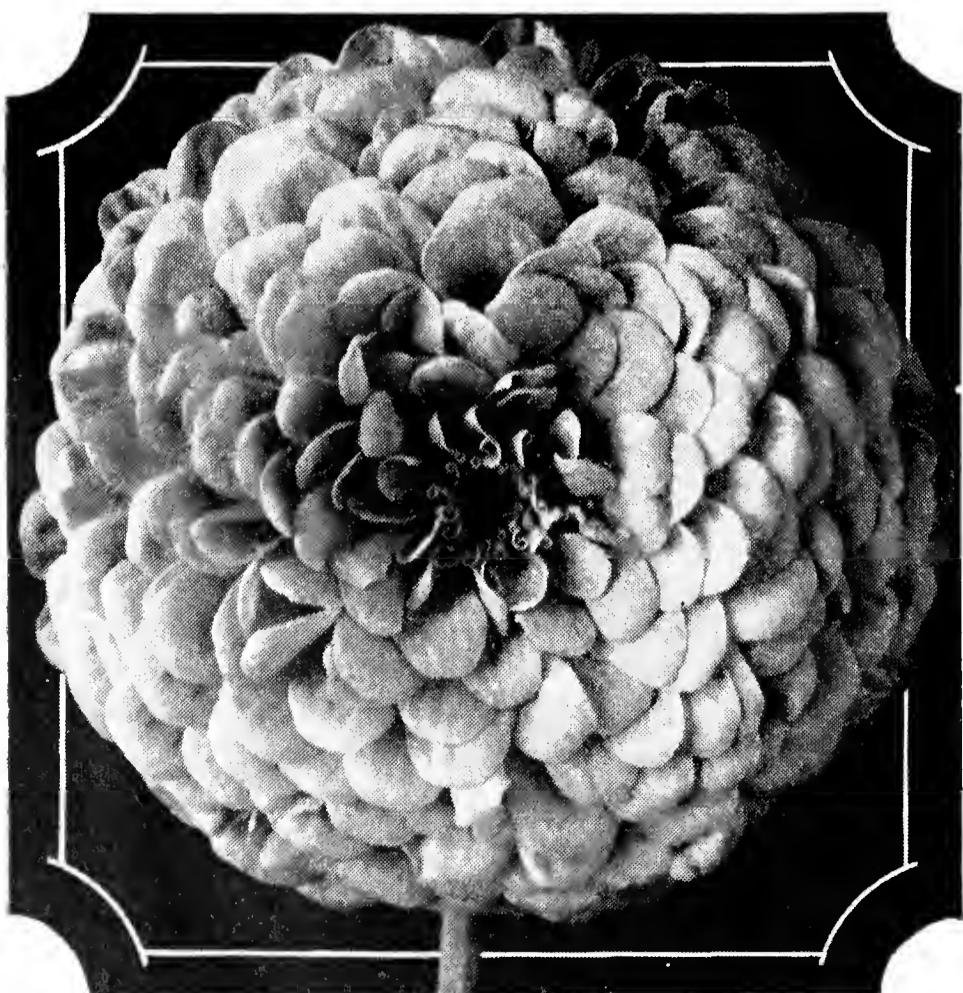
VERBENA HYBRIDA DWARF

This group is very neat and compact in habit.

	Tr. Pkt.	¼ Oz.	Oz.
Dark Blue	\$0.20	\$0.60	\$2.00
Fireball. Bright scarlet.....	.20	.60	2.00
Violet Bouquet. Deep violet....	.20	.60	2.00
White.....	.20	.60	2.00
Compact Dwarf Mixed.....	.20	.50	1.75

VERBENA

	Tr. Pkt.	¼ Oz.	Oz.
Venosa. Heliotrope blue, 1 foot..	\$0.25	\$0.35	\$1.20



Zinnia Dahlia Flowered

FLORISTS' ZINNIAS DOUBLE DAHLIA FLOWERED

The plants are of medium height, 2½ to 3 feet, very robust, flowers which resemble the show type of Dahlia, bearing many long stems of the fully double.

Canary Bird. Primrose yellow.			
Crimson Monarch. Deep crimson.			
Dream. Lavender turning to purple.			
Exquisite. Light rose, deep rose center.			
Golden Dawn. Golden yellow.			
Illumination. Deep rose self.			
Luminosa. Bright rose.			
Oriole. Orange and gold.			
Polar Bear. White.			
Scarlet Flame. Bright scarlet.			
Choice Mixed. All colors.			
	Tr. Pkt.	¼ Oz.	Oz.
Each of above.....	\$0.25	\$0.35	\$1.00
	Tr. Pkt.	Oz.	Lb.
Dahlia-Flowered, Mixed	\$0.20	\$0.90	\$10.00

ZINNIA GIANT DOUBLE MAMMOTH OR CALIFORNIA GIANT

Taller than the Dahlia-flowered type, with long stems suitable for cut flowers. The flowers are large and flat, giving a graceful effect.

	Tr. Pkt.	¼ Oz.	Oz.
Lavender Gem	\$0.20	\$0.30	\$0.90
Miss Wilmott. Soft pink.....	.20	.30	.90
Orange King. Burnt orange.....	.20	.30	.90
Orange Queen. Golden yellow...	.20	.30	.90
Purity. White.....	.20	.30	.90
Rose Queen. Bright rose.....	.20	.30	.90
Scarlet Gem. Glowing scarlet...	.20	.30	.90
Choice Mixed.....	.20	.25	.85

ZINNIA ELEGANS DOUBLE LILLIPUT

Canary Yellow	Purple	Scarlet
Crimson Gem	Rosebud	White
Golden Orange	Salmon Rose	Mixed

Each of the above:

Tr. Pkt. \$0.20; ½ Oz. \$0.40; Oz. \$0.75.

ZINNIA ELEGANS CUT AND COME AGAIN

A group with double, perfectly formed, medium-sized flowers bred with long stems; exceptionally fine for cut flowers.

Bright Scarlet	Golden Yellow	Salmon Rose
Canary Yellow	Pinkie	White

Each of above:

Tr. Pkt. \$0.20; ¼ Oz. \$0.30; Oz. \$0.90.

MISCELLANEOUS TYPES

Fantasy, Mixed. Mixture with rounded flowers is composed of a mass of shaggy ray-like petals.

Crown O' Gold. The color range comprises the more popular florist shades; including old rose, cream, yellow, carmine and burnished-red—all with golden base.

Haageana Hybrids. Double small flowers mixed, charming hybrids in a great variety of colors, excellent for rock gardens.

Any of above varieties:

Tr. Pkt. \$0.25; ¼ Oz. \$0.35; Oz. \$1.00.

VEGETABLE SEED

SELECTED STRAINS FOR MARKET GROWERS

ONE of the most profitable spring crops for the greenhouse or hotbed plant is seedling vegetable plants for home gardens. We are offering vegetable seeds only in the best standard varieties for market and home garden. Should you desire any variety not listed, please write. Due to our close contact with the large seed growers we can supply you all the staple varieties grown.

ASPARAGUS

	¼ Lb.	Lb.
Mary Washington.....	\$0.25	\$0.90

BEANS—Green Podded Bush

	Price per Lb.	
	10	100
	Lbs.	Lbs.
Bountiful Stringless.....	\$0.14	\$0.11
Full Measure.....	.15	.13
Burpee's Stringless Green Pod.....	.13	.11
Improved Navy.....	.12	.09

WAX BEANS

Penciled Pod Black Wax.....	.15	.13
Round Pod Kidney Wax.....	.15	.14
Davis White Wax.....	.15	.13

BUSH LIMA BEANS

Henderson's Bush Lima.....	.15	.13
Fordhook Bush Lima.....	.26	.24
Burpee's Improved Bush Lima.....	.18	.16

POLE LIMA

King of the Garden.....	.18	.15
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POLE BEANS—Green Pod

Kentucky Wonder or Old Homestead.....	.14	.12
St. Louis Perfection White.....	.16	.14
Red Speckled Cut Short.....	.15	.13

BEETS

	¼ Lb.	Lb.
Early Wonder.....	\$0.20	\$0.50
Detroit. Dark Red Selected stock.....	.20	.60
Crosby's Egyptian. Selected.....	.20	.50
Long Smooth Blood Red.....	.20	.50
Swiss Chard (Lucullus).....	.15	.40
Mangel Wurzel. Mammoth Long Red.....	.15	.40

BROCCOLI—Italian Green Sprouting

	¼ Lb.	Lb.
Italian Early Celabrese.....	.50	1.75

BRUSSELS SPROUTS

Long Island Improved.....	.40	1.25
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CABBAGE

Copenhagen Market. Select.....	.50	1.75
Early Flat Dutch.....	.40	1.25
Early Jersey Wakefield.....	.45	1.50
Golden Acre. Extra Select.....	.60	2.10
Large Charleston Wakefield. Large..	.40	1.25
Premium Late Flat Dutch.....	.40	1.25
Wis. Hollander No. 8.....	.45	1.50
Marion Market.....	.45	1.50
	Oz.	¼ Lb.
Early Dark Red Erfurt.....	\$0.25	\$0.75
Early Dwarf Ulm Savoy.....	.20	.50

CHINESE CABBAGE

	¼ Lb.	Lb.
Wong Bok.....	\$0.40	\$1.20
Chihli.....	.40	1.20

CAULIFLOWER

	Oz.	¼ Lb.
Early Snowball. A splendid early variety.....	\$1.00	\$3.90
Earliest Dwarf Erfurt. Extra select...	1.00	3.90



Golden Acre Cabbage

CARROTS

	¼ Lb.	Lb.
Chantenay. The best for early bunching.....	\$0.20	\$0.65
Danvers Half Long. Selected stock.....	.20	.65
Imperator.....	.20	.65
Ox Heart or Guerande.....	.25	.70
Improved Long Orange.....	.20	.65

CELERY

	Oz.	¼ Lb.
Florida Golden.....	\$0.40	\$1.25
Golden Self Blanching.....	.30	.90
Celriac. Turnip rooted Celery.....	.20	.60

COLLARDS

Cabbage.....	.10	.30
Georgia.....	.10	.30

CORN SALAD

	¼ Lb.	Lb.
Large Leaved.....	\$0.25	\$0.80

CUCUMBERS

Black Diamond. Stay green.....	.25	.65
Davis Perfect.....	.25	.70
Evergreen White Spine.....	.25	.70
Long Green. Improved.....	.25	.75
Snow's Perfection Pickling.....	.25	.65
White Wonder.....	.25	.75

EGG PLANT

	Oz.	¼ Lb.
Black Beauty. Extra.....	\$0.30	\$1.00
New York Improved.....	.30	1.00

ENDIVE

	¼ Lb.	Lb.
Broad-Leaved White or Escarolle....	\$0.30	\$0.90
Broad Leaved. Batavian Full Hearted..	.30	.95
Green Curled.....	.30	.90
French or Witloof Chicory.....	.45	1.40

KALE

Dwarf German Greens.....	.20	.50
Siberian. Improved.....	.20	.50
Dwarf Green Moss Curled Scotch....	.20	.60
Tall Green Curled Scotch.....	.20	.60

KOHLRABI

Early White Vienna.....	.40	1.25
Early Purple Vienna.....	.40	1.25

LEEK

Large London Flag.....	.45	1.40
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GARDEN SEED—Continued

LETTUCE

Loose-leaved varieties marked *.

	¼ Lb.	Lb.
Big Boston. Large flat head.....	\$0.30	\$0.90
* Black Seeded Simpson.....	.30	.90
* Grand Rapids.....	.30	.90
* Early Curled Simpson.....	.30	.90
Iceburg.....	.30	.90
Mammoth Black Seeded Butter.....	.30	.95
New York or Wonderful (No. 12).....	.40	1.20
* Prize Head.....	.30	.90
St. Louis Black Seeded, Forcing.....	.40	1.25
Trianon Cos or Romaine.....	.30	.90

MUSKMELON OR CANTALOUPE

	¼ Lb.	Lb.
Hale's Best Improved.....	.25	.75
Honey Rock (Sugar Rock).....	.30	.90
Rocky Ford.....	.25	.70
Milwaukee Market.....	.25	.75

WATERMELON

	Lb.
Kleckley's Sweet	\$0.50
Tom Watson.....	.50
Irish Gray.....	.50
Stone Mountain or Dixie Belle.....	.55

MUSTARD

Southern Giant Curled.....	.35
Southern Giant Curled (Long Standing)...	.35
Florida Broad Leaf.....	.35

OKRA OR GUMBO

Improved Dwarf Green.....	.35
Long Green (Perkins Mammoth Tall).....	.35

ONION

	¼ Lb.	Lb.
Philadelphia White Silver Skin	\$0.40	\$1.40
Red Wethersfield.....	.40	1.25
Southport Red Globe.....	.40	1.25
Southport White Globe.....	.50	1.40
Sweet Spanish (Valencia Riverside) ..	.40	1.25
Yellow Globe.....	.40	1.25

PARSLEY

	Lb.
Double Curled	\$0.50
Hamburg. Edible root.....	.50

PARSNIP

Large Hollow Crown50
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PEAS

Dwarf Telephone or Daisy11
Mammoth Pod. Extra Early.....	.11
Laxtonian10
Gradus11

PEPPER

	Oz.	¼ Lb.
Bell or Bull Nose. Large.....	\$0.25	\$0.75
California Wonder.....	.30	.90
Chinese Giant. Extra large.....	.30	.90
Pimento.....	.25	.75
Hungarian Yellow Wax.....	.25	.75
Long Red Cayenne.....	.20	.65
Large Yellow.....	.30	.90
Red Chili.....	.30	.85

PUMPKIN

	Lb.
Connecticut Field (Big Tom)	\$0.50
Japanese Pie.....	.60
Kentucky Field.....	.30
Large Cheese.....	.50



Lettuce, Big Boston

RADISH

	Lb.
Icicle. Early long white.....	\$0.40
Crimson Giant.....	.38
Early Scarlet Globe. Special.....	.40
Early Scarlet Turnip White Tip.....	.38
Saxa.....	.40
Philadelphia White Box.....	.42
Strasburg White Summer.....	.38
Round Black Spanish.....	.42
Rose-Colored China38

RHUBARB

	¼ Lb.	Lb.
Victoria	\$0.40	\$1.25

SALSIFY

Mammoth Sandwich Island30	1.00
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SPINACH

	Lb.
Bloomsdale, Savoy Re-selected	\$0.13
Bloomsdale, Long Standing14½

SQUASH

	Lb.
Mammoth White Bush Scallop	\$0.50
Giant Straightneck. Yellow.....	.48
Hubbard. Chicago Warted.....	.62

SWEET CORN

	Lb.
Golden Bantam. Early.....	\$0.10
Country Gentleman.....	.12
Howling Mob.....	.09
Stowell's Evergreen.....	.09
Vanguards.....	.10

TOMATO

	Oz.	Lb.
Bonny Best. Medium size; early.....	\$0.20	\$1.95
Break O'Day. Globe shape; early.....	.30	3.25
Dwarf Stone. Medium size; late.....	.35	3.75
Earliana, Sparks'. Very prolific; early.....	.25	2.90
Greater Baltimore.....	.20	2.10
Master Marglobe.....	.30	3.15
Marglobe. Wilt resistant.....	.25	2.75
Livingston's Globe. Midseason pink..	.25	2.90
Pondarosa. Extra large; deep pink....	.35	3.50
Pritchard, Scarlet Topper.....	.25	2.75
Oxheart. Late home garden variety...	.50	5.50
Stone. Improved.....	.20	1.95
Marhio. New, Pink Marglobe.....	.30	3.10
Pondarosa, Yellow.....	.35	.....
Yellow, Pear Shaped.....	.35	.....
Yellow, Plum Shaped.....	.35	.....
Red Cherry.....	.35	.....

TURNIP

	Lb.
Early Extra Purple Top Milan	\$0.30
Purple Top, Strap Leaved.....	.28
Purple Top, White Globe.....	.28
Seven Top.....	.28

GLADIOLUS

For Greenhouse and Outdoor Planting

Fine, well cured and graded bulbs. Strictly up to size and true to name. Prices quoted are subject to change.

	First Size	
	100	1000
Albania. One of the finest of pure whites.....	\$1.40	\$13.50
Albatros. The clearest white Gladiolus. Grows 5 feet tall and has very good substance.....	\$2.75	25.00
Apricot Glow. A beautiful, clear, soft apricot, on long stem.....	1.30	12.00
Betty Nuthall. Clear coral with deeper throat lines. Excellent cut-flower....	1.30	12.00
Chicago White. A fine white variety with lavender stripes on lower petals.	1.40	13.00
Dr. F. E. Bennett. Peach red, overlaid with scarlet.....	1.50	14.00
E. J. Shaylor. Beautiful pure deep pink, ruffled.....	1.35	12.50
E. Swartley. Light pink.....	1.35	12.50
Flaming Sword. Beautiful brick red, tall.....	1.20	11.00
Giant Nymph. Light pink with cream throat.....	1.20	11.00
Gloriana. Rich salmon, yellow throat, most beautiful in this class.....	1.40	13.00
Golden Dream. A very fine deep, pure yellow: by far the best.....	1.20	11.00
Golden Eagle. Very early rich golden yellow ruffled—makes good spike....	1.30	12.00
Halley. Salmon-pink.....	1.40	13.00
Helga. Salmon-rose.....	1.30	12.00
Lily White. Pure white, early.....	1.35	12.50
Los Angeles. Beautiful salmon pink, tall spike. One of the best.....	1.35	12.50
Maid of Orleans. Beautiful milky white with cream throat. Tall sturdy grower with eight or more flowers open at one time.....	3.00	29.00
Mammoth White. One of the best pure whites, large flowers.....	2.35	22.00
Mildred Louise. Pure deep salmon pink; petals tipped strawberry pink, blending to pinary yellow in throat, with faint spectrum penciling.....	3.00	29.00
Minuet. Light lavender with ideal spike. One of the best.....	2.50	24.00
Mrs. Calvin Coolidge. Prim., salmon pink.....	1.40	13.00
Mrs. Frank Pendleton. The petals show beautiful rose pink with deep, rich velvety blood-red blotch on the lower petals. Very popular with florists.....	1.30	12.00
Mrs. Leon Douglas. Begonia rose, striped with flame scarlet, very large flowers.....	1.40	13.00
Mrs. P. W. Sisson. One of the most beautiful, soft light pink. Large flowers.....	1.40	13.00
Odin. Salmon pink with darker blotch on lower petals.....	1.30	12.00
Picardy. The most popular of all Gladiolus. Color is a beautiful light salmon. Tall strong grower with extra large flowers.....	1.50	14.00

	First Size	
	100	1000
Pride of Wanakah. Deep rose with blotch in throat.....	\$1.40	\$13.00
Queen of Bremen. Lavender pink... ..	1.40	13.00
Red Phipps. A Phipps seedling, bright glowing red. Very large flower, much earlier than Phipps, spikes long, straight and strong. Florets well placed close to spike and open faced placement.....	2.60	24.00
Sentinel. Deep rose pink.....	1.40	13.00
Virginia Hale. Early soft salmon... ..	1.30	12.00
Virginia. Intense scarlet, slightly deeper in throat.....	1.50	14.00
W. H. Phipps. La France pink with light markings.....	1.60	15.00
Wilbrink. Soft pink with yellowish markings: very early bloomer, popular.	1.40	13.00
Florists' Superfine Mixed	1.20	10.00

TEMPERATURE FOR FORCING GLADIOLUS

The best temperature is carnation house temperature (50 to 52 degrees Fahrenheit). Cooler temperatures to start with are satisfactory, as the gladiolus starts slowly and will not take kindly to any increase in heat before the bud shows, except the natural increase in heat which the sun gives during bright winter days and in spring.



SUMMER FLOWERING BULBS

AMARYLLIS (Large Flowering Hybrids)

These bulbs will make handsome pot plants for window display during the spring. Light and red shades, mixed.

	Doz.	100	
Jumbo Bulbs	\$2.90		\$23.00
Select Bulbs	2.25		18.00

BEGONIAS, TUBEROUS-ROOTED

	Doz.	100	
Single. Scarlet, white pink, yellow, orange.....	\$1.25		\$9.50
Double. White, crimson, pink, orange.	1.25		9.50

BLEEDING HEARTS

		100	
Strong Clumps. Three to four eyes.....			\$17.00

FANCY LEAVED CALADIUMS

There are no finer colored foliage plants for summer use. Splendid for the conservatory and equally good for porch boxes outdoors in shaded places.

	Doz.	100	
Mixed Colors	1.30		10.00

CALADIUM ESCULENTUM (Elephant's Ear)

Much used for bordering Canna beds or sub-tropical plantings.

	Doz.	100	
Selected Size Bulbs. 7 to 9 inches circumference.....	\$0.75		\$ 5.00
Extra Large Bulbs. 9 to 11 inches....	1.20		9.00
Mammoth Size. 11 to 12 inches....	1.80		14.00

CALLAS (For Spring Planting)

Elliottiana. This meritorious California novelty has not received the attention it deserves. 2¼ inch.....	1.75		14.00
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CANNAS—Large Flowering Dormant Roots, 3 to 5 Eyes

City of Portland. Deep pink. Green foliage, 3½ feet. Extra good flower. Does not fade.

Hungaria. 3½ feet. The best pink Canna. Very compact, almost dwarf, and of a very luxuriant growth. Leaves bluish green, never burns. Trusses of enormous size, borne well above the foliage. Flowers very large, with very large petals.

King Humbert. This remarkable Canna has been the sensation of the past ten years and is the greatest favorite today. Scarlet flowers; bronze leaves. 4 feet.

Yellow King Humbert. 4 feet. An orchid-flowering well-known King Humbert. Flower a deep, rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower. Green foliage.

The President. 4 feet. This immense flaming scarlet has come into wider use more quickly than any other Canna. The President leads the red varieties in the quality and also the quantity of its bloom. The foliage is rich green and burn-proof in the hottest weather.

Any of the above varieties:
Per 100 \$3.50; per 1,000 \$32.00.



Amaryllis (Giant Hybrids)

GLOXIANAS

Exceptional for pot plants. Large blooming bulbs. Separate colors. 100 1½ to 1¾ inch..... \$14.00

ISMENE CALATHINA (Peruvian Daffodil)

A wonderful flowering bulb, producing large Amaryllis-like pure white fragrant flowers..... \$1.20 \$8.50

TUBEROSES

	Per	Per
	100	1000

Our bulbs are secured from dependable growers..... \$3.00 \$25.00

LILY BULBS

LILIUM LONGIFLORUM GIGANTEUM

	From Cold Storage	Case
7 to 9-inch.	Packed 300 bulbs to case.....	\$19.00
8 to 9-inch.	Packed 100 bulbs to case.....	9.50

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	100
7 to 8-inch.....	\$1.30	\$ 9.50
8 to 9-inch.....	1.60	12.00

AURATUM—GOLD-BANDED

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

	Doz.	Case
8 to 9 inches. (180 bulbs to a case)....	\$1.60	\$16.00

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once.

	Doz.	Case
8 to 9 inches. (200 bulbs to a case)....	\$1.50	\$16.00

LILIUM TIGRINUM SPLENDENS

The old-fashioned, bright orange Lily, with black spots.

	Doz.	100
7 to 9-inch.....	\$1.20	\$9.00

INSECTICIDES AND FUNGICIDES

ANSUL FORMALDEHYDE DUST

Control "Damping off" of flower and vegetable seedlings. 5 lbs. \$2.00; 25 lbs., \$5.65.

ARSENATE OF LEAD

Dry Powdered, for dusting and spraying. 1 lb. 22c. 4 lbs. 65c.

BLACK LEAF 40

For spraying Aphids, red bug, leaf-hopper, and other sucking insects. Also for killing chicken lice and dipping cattle and sheep. Gal. \$9.85.

BORDEAUX MIXTURE (Dry)

The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb. 22c; 4 lbs. 65c.

CUPROCIDE RED COPPER OXIDE

Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 4 ozs. 35c; lb. 90c.

CYANO GAS CALCIUM CYANIDE "G"

Greenhouse fumigant. Aphids, white fly, thrips, soft scale and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs. \$2.75; 25 lbs. \$9.50; 100 lbs. \$25.00. Write for leaflet.

CYANO GAS "A" GRADE

For moles, rats, gophers, and other ground rodents. 1/2 lb. can 45c; 1 lb. can 75c.

DEVIL DUST.

Kills thrips, aphids, midge, millers, checks mildew, rust, and fungous diseases. Contains no lead or arsenic. 25 lbs. \$7.00; 50 lbs. \$12.50; 100 lbs. \$24.00.

D-O-S DERRIS OIL SPRAY

"D-O-S" will give most satisfactory results in control of insects of both the chewing and sucking type, on flowers and vegetables. Gal. \$8.50.

DRY LIME SULPHUR

For dormant spray use 12 to 15 lbs. to each 50 gals. of water. Lb. 30c; 5 lbs. \$1.40.

FISH OIL SOAP

For use as a spreader in using spray materials. Also as a wash on various plants for cleaning foliage. With nicotine sprays use 3 to 5 lbs. to 50 gals. 5 lbs. 85c; 25 lbs. \$2.75; 125-lb. drum \$11.25.

FLOWERS OF SULPHUR

For dusting on plants. 325 Mesh Extra Fine. 10 lbs. 65c; 100 lbs. \$3.95.

GRAPE AND ROSE DUST

Excellent for the prevention and destruction of mildew on plants. 1 lb 35c; 5 lbs. \$1.25.

GRASSELLI SPREADER

For LORO and practically all sprays. Each Gallon cans (8 lbs.) \$ 4.75
5 gallon cans (40 lbs.) 22.00

HORTIGARD

For control of leaf-tyer, leaf beetle, chrysanthemum midge, rose midge, leaf miner, aphids, red spider, mealy bugs, soft scale, and other greenhouse pests. Gal. \$8.00.

LETHANE-440

A very effective insecticide for controlling red spider and mealy bugs. Qt. \$3.00; gal. \$8.50.

LETHANE SPREADER, gal., \$1.75.

LORO

It is effective on aphids (plant lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly and leaf hopper. Its use is suggested on other insects where a contact insecticide is needed. Pt. \$2.00; gal. \$10.50; 5 gals. \$9.00 per gal.

MULTICIDE

For aphids, leaf rollers, leaf hoppers, midges, tarnished bugs, white flies. Qt. \$2.50; gal. \$9.50; 5-gal. drum \$8.50 gal.; 30-gal. drum \$7.15 gal.; 53-gal. drum \$6.85 gal.

NAPHTHALINE FLAKES

For killing thrip on Cyclamen and Gladiolus. 10 lbs. \$1.40; 50 lbs. \$5.50. Write for price on barrel lots.

NIKOTEEN LIQUID

An effective spray when mixed with 500 parts of water. Death to aphids, green fly, spider, mealy-bug, thrips and other forms of flower, fruit and vegetable lice. 40% strength—4 lbs. \$5.50; 8 lbs. \$9.50.

NIKOTEEN

30% grade. For spraying and fumigating. Oz. bottle, 30c; doz. \$2.40; pt. \$1.65.



INSECTICIDES AND FUNGICIDES

NEW EVERGREEN

A non-poisonous Pyrethrum spray, containing activator and soap spreader in proper proportion. Oz., doz. \$2.80; 6 ozs., doz. \$8.00; 16 ozs., doz. \$15.00.

NICO FUME PRESSURE FUMIGATOR

Put up in 1/2 lb. and 1 lb. cans. Powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. 1/2-lb. cans 45c; doz. \$4.20; 1-lb. cans 75c; doz. \$7.00.

NICO-FUME POWDER FUMIGATOR

Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5 lb. tin \$3.35; 10 lb. tin \$5.85.

NICO FUME LIQUID

For fumigating or spraying; contains 40 per cent nicotine. 4 lbs. \$5.75; 8 lbs. \$10.00.

NOX-INSEX DUST

For control of leaf tyer, leaf beetle, chrysanthemum midge, rose midge, leaf miner, aphids, red spider, mealy bugs, soft scale, and other greenhouse pests, 50-lb. drum \$7.00.

PARIS GREEN

A poisonous insecticide in powder form; for insects which chew. 1 lb. 45c; 5 lbs. \$2.00.

PYRETHRUM POWDER

Lb. 60c; 5 lbs. \$2.25; 25 lbs. \$10.00. Write for price on larger quantities.

RATGARD

In pellet form, non-poisonous, but sure death to rats and mice. Pkg. 10c; large size 25c; doz. \$2.00.

SCALECIDE

An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Gal. \$1.55; 5 gals. \$5.25; 10 gals. \$9.25. Write for price in barrel lots.

SELOCIDE

Kills red spiders. Gal. \$3.00; 5 gals. \$13.50; 10 gals. \$24.50; 50-gal drum \$1.75 gal.

SEMESAN

The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. 2 ozs. 35c; lb. \$2.25.

SLUG SHOT (Hammond's)

An insecticide for destroying chewing insects. Lb. 20c; 5 lb. pkg. 75c.

SNAROL

An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. 1 1/2 lbs., 35c; 4 lbs. 85c.

SULPHATE OF IRON

A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. 100 lbs. \$2.50.

TERRO ANT KILLER

Best remedy to get rid of ants. Pkg. 25c; doz. \$2.00.

TERRO RAT KILLER

To kill rats and mice. Pkg. 35c; doz. \$2.80.

TRI-OGEN

Fungicide insecticide and plant stimulant. A small kit makes 16 qts., \$1.50. B, medium kit makes 64 qts., \$4.00. C, large kit makes 32 gals., \$6.00. D, estate kit makes 128 gals., \$20.00.

TOBACCO DUST

For dusting on roses and foliage plants; also used in mixing potting soil. 100 lb. bag \$2.75.

VOLCK

The scientific insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Gal. \$2.00; 5 gals. \$6.25.

WEED KILLER (Hammonds)

Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts of water. Qt. 45c; gal. \$1.45; 5 gals. \$6.25.

CANE STAKES—COTTON TWINE—POT LABELS—SUPPLIES

CANE STAKES—GREEN JAPANESE

Green Dyed. 2,000 to a bale. Hot water treated before dyed, which prevents fungus and premature decay.

Per Bale 2000		Per Bale 2000	
1½ ft. green.....	\$2.70	3½ ft. green.....	\$ 6.90
2 ft. green.....	3.65	4 ft. green.....	8.60
2½ ft. green.....	4.75	5 ft. green.....	11.50
3 ft. green.....	5.75	6 ft. green.....	14.50

COTTON TWINE—Very Best Grade

In balls, 3 ply; 5-lb. bag.....	\$1.65
In balls, 4 ply; 5-lb. bag.....	1.65
In 2½-lb. cones, 3 ply.....	.75

Write for price on 25 lbs. or over.

GREEN SEA ISLAND TWINE

Used for wrapping small packages. Also for spray and design work. Per cone 95c.

POT LABELS

Packed in Cartons.....	Prices per 1000	
	Plain	Painted
4 x 5/8 inch, 1000.....	\$1.60	\$1.95
5 x 5/8 inch, 1000.....	1.80	2.15
6 x 5/8 inch, 1000.....	1.95	2.45
8 x 5/8 inch, 500.....	2.45	2.95
10 x 5/8 inch, 500.....	2.95	3.90

WEATHERPROOF PENCILS

For marking labels. Will not rub off or fade. Each 10c; doz. 90c.

LABELS—GARDEN

	Painted Per 1000	
	Plain	Painted
8 x 7/8 inch, packed in cartons of 250 each.....	\$4.90	
10 x 7/8 inch, packed in cartons of 250 each.....	5.90	
12 x 1 1/8 inch, packed in cartons of 100 each.....	8.50	

LABELS—TREE—Copper Wired

3½ inches long, 5/8 inches wide.....	Per 1000	
	Plain	Painted
	\$1.75	\$2.25

SPHAGNUM MOSS

Clean, free from brush or grass. Per bale, F. O. B. St. Louis, 95c; F. O. B. Wisconsin woods, 70c.

RAFFIA—Very Best Grade

5-lb. lots, per lb.....	\$0.30	10-lb. lots, per lb.....	\$0.28
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KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps fit any knee, will not slip down when walking. Pair \$1.10.

SCOLLAY'S SPRINKLER

Made of best quality of rubber and will outwear any other Sprinkler in the market. \$1.25.

PUTTY BULB

The best appliance for distributing putty. \$1.00.

HAMMOND'S OLD ENGLISH LIQUID PUTTY

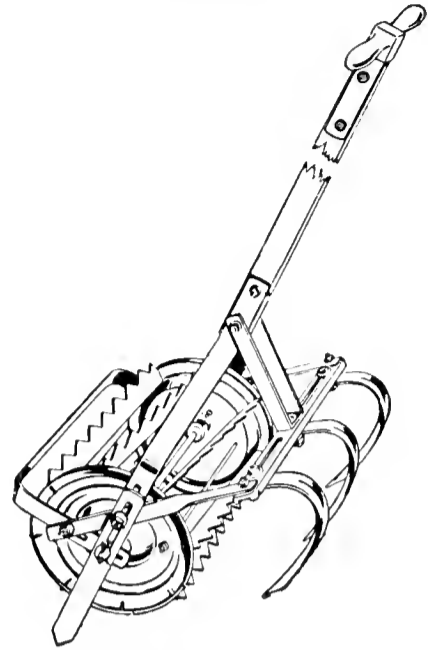
This, the original white glazing plastic, has been used for over 50 years by exacting greenhouse owners everywhere. It is white, and stays white. It is easy to apply with either bulb or gun. It is elastic, yet adhesive. It is weather-proof, yet it does not crack, curl or pull away from the bar. One gallon will glaze about 350 to 400 square feet of glass.

\$2.20 per gal. in 50-gal. barrels; \$2.25 per gal. in 5-gal. pails; \$2.35 per gal. in 1 gals.

EVERLASTIC GLAZING BEDDING PUTTY

This light grayish-white elastic bedding putty will retain its plasticity indefinitely. It makes a tight, water-proof and heat-proof joint and because of its elasticity all breakage of glass is minimized. It adheres to any surface and never cracks or crumbles. It "stays put" but is easy to remove when repairs are to be made.

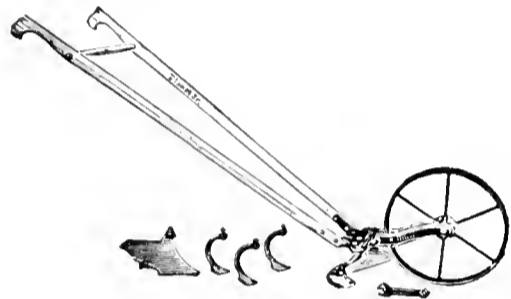
10c per lb. in 100-lb. drums; 12c per lb. in 25 or 50-lb. drums.



PLANET JR. SPEEDHOE

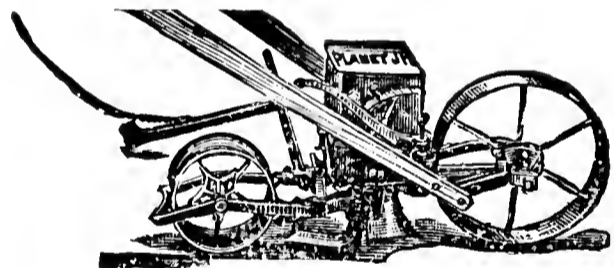
8-inch—Weight 15 lbs.

Push the Speedhoe as you do a lawn mower, and the revolving blades and scuffle blade do the rest. \$6.90.



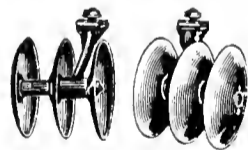
**PLANET JR. No. 17
SINGLE WHEEL HOE**

Equipment: Packed weight, 22 lbs. One pair of 6-inch hoes; three steel cultivator teeth; one large garden plow. \$7.90.

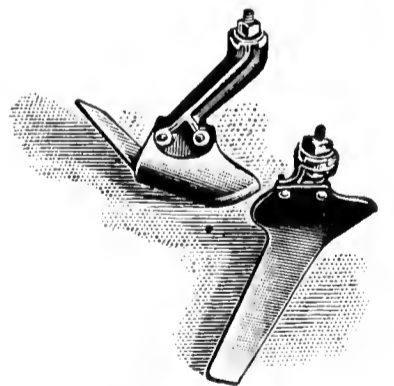


PLANET JR. SEEDER No. 4D

No. 4D Seeder is the most popular outfit of kind. Weight, 41 lbs. Price \$15.25.



**Disc Hoes
3550X/3551X
Pair \$3.80**



**Muck Hoes
S100 & S101. Pair \$1.60**



**Narrow Cultivator Teeth
2775. Each 40c**



**Cultivator Teeth
1395. Each 40c**



PLANET JR. GARDEN TROWEL

The trowels are designed so the neck—usually the weakest part—is absolutely rigid. 55c.

HORMODIN

TRADE MARK

A



Not Treated

Treated

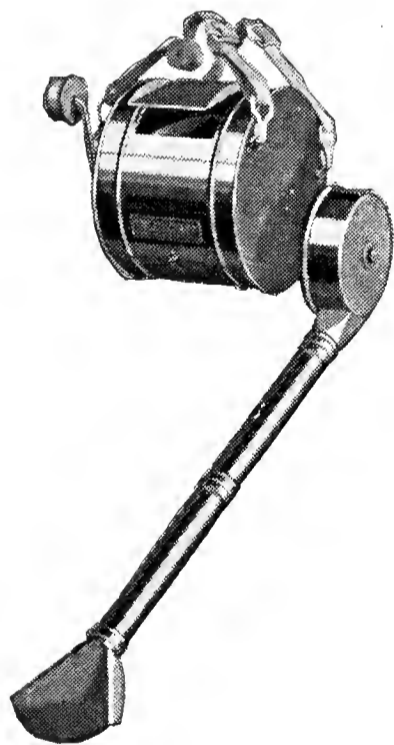
ROOT-GROWING CHEMICAL (All Postpaid)

Will greatly increase your rooting percentage.
Will stimulate sturdy, vigorous, rapid growing roots.
Speeds up propagation.

B. T. I. Units	Bottle
20—Enough for 600 cuttings.....	\$ 1.00
60—Enough for 1,800 cuttings.....	2.00
240—Enough for 7,200 cuttings.....	7.00
480—Enough for 14,400 cuttings.....	13.00
960—Enough for 28,800 cuttings.....	24.00

Instructions for using and proper dilutions included with each bottle.

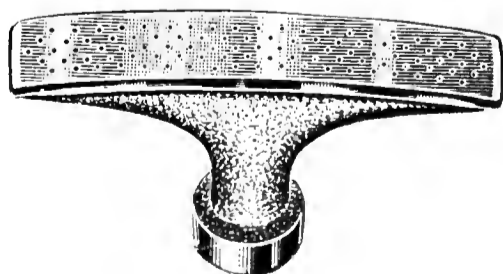
For Resale—Discount sheet will be sent upon request to legitimate dealers who purchase Hormodin-A for resale.



RIDGID CHALLENGE DUST GUN

Holds 7½ pounds of Devil Dust. Easily carried by strap over shoulder. Operates by crank handle. Powerful fan expels Dust in efficient cloud. **\$12.50.**

FLAT SPRAY Sprinkler No. 82
Cast brass, each...\$0.45
For resale, doz... 3.65



No. 81 BRASS HOZE NOZZLE
Each nozzle tested to work perfectly. Each 40c; for resale, doz. **\$3.20.**

PERFECT CLINCHING HOSE COUPLES
¾-inch size. Pair 20c; doz. **\$2.00.**

PERFECT CLINCHING HOSE MENDERS
¾-inch size. Each 8c; doz. **90c.**

SPRAYERS AND DUSTERS

BROWN'S CHAMP OPEN-HED
Electrically welded seams, double acting pump lock, tank opening is five inches in diameter; has a rubber double grip pump handle. Complete, as illustrated, **\$5.50.**

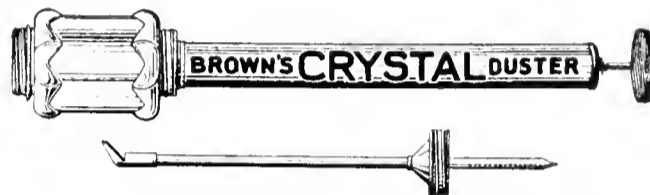
BROWN No. 350D
Compressed Air Sprayer, 3½ gallon galvanized. 18 inch extension with nozzle. **\$3.95.**

BROWN CRYSTAL DUSTER
Is a new type hand duster with glass jar container. The volume of dust expelled is controlled by the force used in pumping. **\$1.25.**

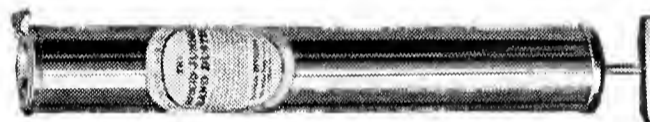
BROWN No. 315 CONTINUOUS HAND SPRAYER
The best sprayer to have on hand for general use around the house. **85c.**

SMITH No. 3 HAND SPRAYER
Made of heavy tin, in 1 quart size. Each **50c.**
For resale, doz. **\$3.65.**

SMITH No. 9T
Same as No. 3 only in 1½ pint size. Each **25c.**
For resale, doz. **\$2.20.**



BROWN CRYSTAL DUSTER
Is a new type hand duster with glass jar container. The volume of dust expelled is controlled by the force used in pumping. **\$1.25.**



RIDGID JUNIOR DUST GUN
Stoutly made for long service. Easy to fill and operate. Holds 8 ounces of Devil Dust per filling. **\$1.25.**



RIDGID GOGGLES
Protects eyes while dusting, each...**\$1.50**



GARDEX No. 721 HAND CULTIVATOR
The ideal tool for loosening soil on greenhouse bench; 3 prongs; 12-inch handle. Each **40c.**



GARDEX No. 150
3-prong cultivator that is easy to operate and is made of the finest grade high carbon steel. Is made to penetrate any soil without effort. Comes with 4½-foot handle. Each **75c.**



GARDEX No. 151
3-prong cultivator, made of the finest grade carbon steel. 4-inch spread, with prongs flattened at bottom end. 4½-foot handle. Each **90c.**

FERTILIZER for Better Crops

The highest grade only. Guaranteed analysis. Prices net cash and subject to market changes. All F. O. B. St. Louis. If you are in the market for Ton Lots, please write for price.

ALUMINUM SULPHATE

For making acid soil. Also used in benches that contain too much lime. 100 lbs. **\$2.55.**

ARMOUR'S SPECIAL FLORISTS' MIXTURE

All inorganic and quickly available—5% nitrogen, 15% available phosphoric acid, 5% potash. Highly recommended to the commercial grower for all types of plants either under glass or outside. Promotes thrifty growth and profuse blossoming. Before planting apply 6 lbs. per 100 square feet and work thoroughly into soil. For soil piles, mix 4-inch potful with each wheelbarrow of soil. 100 lbs. **\$2.90.**

ARMOUR'S BONE, BLOOD AND POTASH Fertilizer Mixture (Analysis) 5-8-7

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a **money-maker**. For potting soil, use about 20 lbs. to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. 100 lbs. **\$3.15.**

BONE MEAL 2-24

Best grade of steamed bone for general use. 100 lb. bag **\$2.10.**

DRIED BLOOD (13½% Nitrogen)

For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 50 lbs. **\$2.25**; 100 lbs. **\$4.25.**

HARDWOOD ASHES

Genuine Canadian unbleached. This is also a splendid fertilizer for the lawn and garden. 50 lbs. **\$1.25**; 100 lbs. **\$2.25.**

HARDWOOD CHARCOAL (Granulated Fine)

For mixing in soil in seed flats, cutting benches and pot plants. 50 lb. bags **\$1.50.**

HORN SHAVINGS (13% Nitrogen)

Best used for mixing potting soil; quick acting. 50 lb. bag **\$3.75.**

MURIATE OF POTASH

Imported Potash, once again available, should be used liberally, especially for all root crops. 100 lbs. **\$2.75.**

PEAT MOSS (Granulated)

A moisture retaining humus for mixing potting soil. Large standard bale **\$2.65.**

Write for quantity lot prices.



NITRATE OF SODA

16% inorganic nitrogen, readily soluble and quickly available for side or top dressing, or in liquid manures. For the **Home Garden** apply as a solution one ounce to two gallons of water. Price (subject to market changes), 25 lbs. **\$1.00**; 100 lbs. **\$2.70.**

SACCO

A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. 100 lb. bag **\$2.65.**

SULPHATE OF AMMONIA

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 lb. to 50 square feet of ground or bench. 100 lb. bag, **\$2.50.**

SUPER ACID PHOSPHATE (20% Phosphoric Acid)

Used for Carnation soil and other crops requiring phosphoric acid. 100 lbs. **\$1.65.**

SWIFT RED STEER 12-6-4

A golf and lawn fertilizer that is also good for feeding trees and shrubs. For golf courses and lawns, use 6 to 8 lbs. per 100 sq. feet.; 400 to 500 lbs. per acre. Price, 100-lb. bag **\$2.65.** Write for price on ton lots.

SWIFT RED STEER 4-12-4

A well-balanced plant food for commercial growers for feeding and making potting soil. Use 5-inch pot for wheelbarrow of earth. 100 lbs. **\$1.95.**

"VIGORO" FOR GENERAL FERTILIZATION



IT TAKES 11 FOOD ELEMENTS TO MAKE A SQUARE MEAL FOR PLANTS

This photograph shows four plants taken from a University test made to develop visual evidence of what happens when any one of the eleven essential elements is lacking in a plant's diet. One was fed all eleven elements; the others were fed ten, the element indicated being withheld. Here is proof that it is wise to feed Vigoro, the complete plant food made by Swift. Vigoro contains *every one of the eleven essential food elements required from the soil.*



WE RECOMMEND IT

100 lb. bag.....	\$ 2.75
100 lb. bags in ton lots.....	55.00
50 lb. bag.....	1.70
25 lb. bag.....	1.00
10 lbs. (6 pkgs to case)...	3.36
5 lbs. (14 pkgs to case)...	4.06
1 lb. (32 pkgs. to case)....	1.92

Delivered freight prepaid in lots of 300 lbs. or over, within a radius of 500 miles.

WIZARD CATTLE MANURE (2% Nitrogen, 1% Total Phosphoric Acid, 1% Potash)

This is a very high grade material, heat dried, and free from straw, being all pure Cattle Manure. 100 lb. bag **\$1.60.**

WIZARD SHEEP MANURE—Pulverized (2% Nitrogen, 1% Total Phosphoric Acid, 2% Potash)

This is a pure, natural Manure. It is excellent for mixing with the soil for greenhouse plants—one part Manure and six parts soil. 100 lb. bag **\$1.60.**



MICHIGAN PEAT (P. P. P. Brand). The Ideal All Organic Soil Builder and Plant Food

The most important of all the elements in the soil are the organic elements. They are the elements that actually give birth to life in the soil. The organic matter gives, maintains and perpetuates life in the soil. It attracts and holds the vapors; it provides bacteria with a feeding ground. In its cells bacteria breeds and propagates, and after all, bacteria is the center of gravity. It is the basis of life itself.

Michigan Peat is the ideal organic soil builder and plant food for seed flats, and, mixing for potting and greenhouse bench soil. In crates 20x20x36 at **\$2.75.** Also sold in bulk in car lots. Write for price.

Selected Field-Grown Dormant *Roses*

These plants are grown for us by thoroughly reliable Rose-growers. Dormant stock will be available from January until April 1.

All varieties wrapped in bundles of 10 plants. No. 1 grade, \$22 per 100

All varieties wrapped in bundles of 10 plants. No. 1½ grade, \$16 per 100



RADIANCE

Columbia. Bright pink flowers, sweetly scented.

Blooms particularly well in late summer.

Dame Edith Helen. Clear pink blooms on long, straight stems. Flowers are intensely fragrant and at their best in early spring and autumn.

Etoile de Hollande. Bright red; may be numbered among the best red Roses for general garden use.

Francis Scott Key. Light crimson, both in the bud and full bloom. Flowers very large, carried on strong stems.

Frau Karl Druschki. A pure white Hybrid Perpetual, carrying enormous blooms in June.

Gruss an Teplitz. Brilliant crimson blooms carried in clusters during the entire summer. Especially valuable for a Rose hedge.



RED RADIANCE

Hadley. Rich crimson; petals have a velvety texture.

Joanna Hill. One of the finest yellow Roses. Blooms are full double, creamy in color, with a pronounced orange tone at the base of the petals.

Kaiserin Auguste Viktoria. A standard white Rose in every garden; almost indispensable.

Mrs. Aaron Ward. Buds golden buff, opening into a gold and pink flower; agreeable fragrance.

Mrs. E. P. Thom. Bright canary-yellow, growing deeper at the center of the flower. Plants strong and bloom very freely.

President Herbert Hoover. A combination of flame, scarlet, yellow, and cerise-pink. Petals broad, and the blooms are large and fragrant.

Radiance. Rose-pink. A splendid free-growing and free-blooming plant. A reliable pink Rose.

Red Radiance. Very large, deep rose-red blooms are produced all summer and up to sharp frosts.

Souv. de Claudius Pernet. Blooms rich yellow, growing somewhat lighter toward the edges of the petals, but the color does not fade in hot weather.

Talisman. Gold and red buds open to yellow blooms marked with scarlet-orange. One of the most popular of the modern Roses.

Polyanthas and Baby Roses

Crimson Baby Rambler. Light crimson flowers in clusters of 30 to 40 blooms.

Gloria Mundi. Bright orange-scarlet blooms in clusters; full double and remain in good condition for many days.

Golden Salmon. Orange-scarlet buds open into blazing orange blooms. Makes a splendid display.

Triomphe Orleanais. Bright cherry-red blooms, which hold the color in hot weather.

Hardy Perennial Plants

We can furnish first-quality hardy perennials, strong 1-year-old plants from 3-inch pots during March and April. All these perennials are produced by experienced growers.

Strong plants from coldframe, shipped in paper pots, 10 for \$1, 100 for \$9.50

ACHILLEA ptarmica, The Pearl. 1½ to 2 ft. Flowers pure white; double. June, July.

AGROSTEMMA coronaria. Mullein Pink. 2 ft. Bright rosy carmine. June, July.

ALYSSUM saxatile compactum. 10 in. Bright golden yellow. May, June.

AQUILEGIA, Long-spurred Hybrids. 2 to 3 ft. A fine mixture of the best long-spurred Columbines. May-July.

ARABIS alpina. 6 in. Great masses of pure white flowers. April, May.

CARNATION, Grenadin. 1½ to 2 ft. Colors include scarlet, white, and pink. June-August.

COREOPSIS, Mayfield Giant. 1½ to 2 ft. Flowers deep golden yellow. All summer.

CHRYSANTHEMUM, Shasta Daisy, Alaska Supreme. 2 ft. Pure white flowers with golden centers. June, July.

DELPHINIUM belladonna. 2 to 4 ft. Light or turquoise-blue. Extra-long spikes. July, August.

Bellamosa. 2 to 4 ft. Rich, deep blue. July, August.

DIANTHUS barbatus. Sweet William. 10 to 15 in. Colors include white, red, salmon, and pink. May, June.

DIGITALIS, Giant Shirley Hybrid Foxgloves. 4 to 5 ft. Long, bell-shaped blooms; colors white to deep rose, with markings of crimson and chocolate. June.

GAILLARDIA, Portola Hybrids. 2 to 3 ft. Mixed colors from light red to bronzy red and gold. June-October.

GEUM, Lady Stratheden. 18 in. Golden yellow blooms. May, June.

Mrs. Bradshaw. 12 in. Scarlet flowers have frilled edges, and resemble double blooms. May, June.

MYOSOTIS palustris semperflorens. 6 to 8 in. Rich blue flowers with yellow eyes. May, June.

PAPAVER orientalis, Oriental Hybrids. 2 to 3 ft. Scarlet-crimson with black center. June.

PHLOX paniculata. The familiar garden Phlox growing 2 to 3 feet high. Large flower-heads, in many colors from pure white to deep red, produced from early June to frost. All our plants are field-grown, twice transplanted, and in nearly all varieties.

Subulata. 4 in. Creeping Phlox or Moss Pink. A superb ground-cover. Blooms in April and May.

PYRETHRUM roseum hybridum. 18 in. Blooms in shades of pink and rose. May, June.



NEW AGERATUM, FAIRY PINK

A dwarf, compact Ageratum of a delightful soft salmon-rose-pink color

Tr. pkt. 50 cts., 1/8oz. \$1.50

A. H. HUMMERT SEED CO.
2746-48 Chouteau Ave., ST. LOUIS, MO.