## 1959 <br> Wholesale Prices


'SCARLET LUSTRE" $\mathrm{F}_{1}$ Hybrid Grandiflora Petunia.

6952 NORTH CALIFORNIA AVENUE
CHICAGO 45, ILLINOIS

"COLOR PARADE" Sakata's $F_{1}$ Hybrid Grandiflora Petunia.
$100 \%$ large flowering plants in definite formula color blend of separate strains. Color formula contains $30 \%$ scarlet, $10 \%$ scarlet and white, $15 \%$ blue, $7 \%$ salmon, $10 \%$ pink, $10 \%$ rose, $5 \%$ purple, $10 \%$ white and $3 \%$ lavender, which the Japanese grower found to be the best in his trials. Growing habit and vigor of plants are all carefully considered.

| 1/2 Tr. Pkt............ $\mathbf{\$ 1 . 0 0}$ | Tr. Pkt............ $\$ 1.75$ | 1/128 oz............. $\mathbf{\$ 3 . 0 0}$ | 1/64 oz............ $\mathbf{\$ 5 . 5 0}$ |
| :---: | :---: | :---: | :---: |
| 1/32 oz.........-- \$10.25 | 1/16 oz........ $\mathbf{\$ 2 0 . 0 0}$ | 1/8 oz. ............. $\mathbf{\$ 3 8 . 0 0}$ | 1/4 oz........... \$72.50 |

## SPRING 1959 - Business Terms

Cash or C.O.D. Discounts: $5 \%$ on orders up to $\$ 25.00 ; 8 \%$ up to $\$ 100.00 ; 10 \%$ up to $\$ 150.00 ; 12 \%$ up to $\$ 200.00 ; 15 \%$ on orders over $\$ 200.00$.
Charge Orders: $3 \%$ on orders up to $\$ 25.00 ; 6 \%$ up to $\$ 100.00 ; 8 \%$ up to $\$ 150.00 ; 10 \%$ on orders up to $\$ 200.00 ; 13 \%$ on orders over $\$ 200.00$.
Deduct an additional $2 \%$ if invoice is paid within 10 days of date.
No Cash Discounts on Plants and other Supplies.
Terms of Payment. Invoices are due and payable 30 days after invoice date.
Orders From New Customers. If merchandise is needed at once, cash remittance should accompany order, otherwise bank and trade references should be furnished. Orders should be signed with some individual's name.
Postage. We pay postage and insurance on all seed, knives and sprayer orders to U.S., its possessions or Canada.
Shortages. All items are offered subject to crop failures or shortages.
Disclaimer-GERMANIA SEED CO., gives no warranty, express or implied as to description, quality, productiveness or any other matter of any seeds or plants it sells and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds or plants.

To our many friends - our sincere thanks for your patronage - and our pledge to continue to serve you to the best of our ability with the world's finest quality Flower Seeds produced by the most experienced growers.

With best wishes for a prosperous 1959.

## Germania Seed Co.

August Wassmann, Owner

## Colorful $\mathcal{N e w}$ Flowers for 1959

ALYSSUM-Pink Heather (All-America Winner for 1959).
ANTIRRHINUM (Snapdragons)-Panorama F 2 Hybrids-Sakata's All-Double Flowering.
ASTERS for pots-Dwarf Queen-Gerhart Hauptmann-Thousand Wonders.
bEGONIAS F $_{1}$ Hybrids-White Thousand Wonders-Gruga-Luzifer.
CHRISTMAS PEPPER-Red Boy.
COSMOS-Mandarin.
HOLLYHOCK-New Annual Double, 3 ft . high, 5 separate colors and mixture.
IMPATIENS-White Symphony - $\mathrm{F}_{1}$ Hybrid Zuerich Giants.
KALANCHOE-Volcano (Vulkan).
LOBELIA-Rosamond.
MARIGOLDS-Dwarf French Double "Petite"—Giant F $\mathrm{F}_{1}$ Hybrid "Climax".
NICOTIANA-White Bedder, 15 inches high.
PANSIES-Early Holland Giants "Clear Crystals", without blotches.
petunias F $_{1}$ Hybrid Grandifloras-Scarlet Lustre-Color Parade-Blue Magic-Blue Lace-Lavender Lace-Ruby King-Sabre Dance-Toreador.
F $_{1}$ Hybrid Multifloras-Blue Jay-Blue Star-Bo-Peep-Claret Ensign-Jack Frost-Mars-Mas-querade-Miss Muffet-Neptune-Robin Hood Rose Star-Starflight-The Clown-Tosca-Satellite-Venus (Mohawk Improved).
$F_{2}$ Hybrid Multiflora-Confetti.
All-Doubles Giant Victorious-Darling-Pan-American "Presto".
California Giant-New Horizon.
RUDBECKIAS-Gloriosa Daisies-Double Harmony-(both annuals for cut).
SCHIZANTHUS-Angel Wings.
STOCKS Double Column-Early Cascade-White Goddess-Pacific Yellow.
SWEET WILLIAM (Annual Dianthus)-Wee Willie.
VERBENAS Dwarf Compact Sparkle Type-Dazzle-Delight-Splendor.
VINCA (Periwinkle)-Rose Carpet (Creeping Vinca).
VIOLAS-Bambini- $F_{2}$ Hybrid Toyland.
ZINNIAS Giant Cactus Flowered-Merry-Go-Round-Pride of Dieldrin.
California Giant-Pink Lady.
Giant Tetraploid-Shades of Rose.
New Century-Miss Universe.
VEGETABLES - F F Hybrid "Jade Cross" Brussels Sprouts. $F_{1}$ Hybrid "Wonder Boy" Tomato.
The above Novelties and Specialties are described and priced under their respective headings - everything alphabetically from $A$ to $Z$.

ANNUALS-Pages 2 to 54. PERENNIALS-Pages 55 to 61. VEGETABLES-Pages 62 to 68. GREENHOUSE PLANTS, ROOTED CUTTINGS, ETC., FLORIST KNIVES, SPRAYERS - Inside Back Cover.

## BEDDING PLANT TAGS - TO HELP SELL YOUR PLANTS

Size $33 / 8 \times 41 / 2$ inches, round cornered, printed on durable cardboard in natural color, varnished for protection against sun and rain. These are available in any of the following varieties.
Ageratum, Midget Blue. Alyssum, Carpet of Snow and Royal Carpet. Aster, Crego mixed and Powderpuffs mixed. Calendula, Pacific Beauty mixed. Celosia, Toreador. Annual Chrysanthemum, Merry Mixed. Dahlia, Unwin's Dwarf Hybrids. Marigolds, Glitters Crackerjack, Cupid Mixed and Lemondrop. Nemesia, dwarf mixed. Pansy, Swiss Giant Mixture. Petunias All-Double Allegro, Minuet, Caprice, Nocturne, Rhapsody, Sonata and Giant Mixture. Petunias $F_{1}$ Hybrid Grandifloras, Ballerina, Bolero, Crusader, Fire Dance, La Paloma, Prima Donna, Maytime, Tango. Petunias F Hybrid Multifloras, Aztec, Apache, Comanche, Glitters, Inca, Linda, Mohawk, Paleface, Red Satin and Sioux. Petunias, Snowstorm, Dwarf Ramona Mixed and $F_{1}$ Hybrid Grandiflora Ballet Mixed. Phlox, Dwarf Mixed and Dwarf Twinkle. Salpiglossis, Dwarf Giant Mixed. Salvia, Blaze of Fire. Snapdragon, Tetra Giant Mixed. Verbena, Dwarf Mixed. Zinnias, Burpee Giant Hybrids Mixed, Giant Dahlia Flowered Mixed, Peppermint Stick and Pompon (Lilliput) Mixed.
Prices: 5c each; 25 or more (different varieties), 4c each; 10 each of 25 varieties (250), $\$ 8.50$. Prices are net, no discount.
On any orders amounting from $\$ 25.00$ and Up one card of any of the above varieties on your order will be furnished free.

## - Annual Flower Seeds -

Of the most important items listed we have indicated the number of seeds per ounce to better enable you to figure the amount of seed you'll need for your planting requirements. Keep in mind that you cannot expect every seed to germinate f.i. most large seeds germinate from 60 to 80 percent under normal germinating conditions, sometimes a higher percentage is obtained, which means that a little more seed is required to obtain the number of plants desired.

## ABUTILON (Flowering Maple)

Maxium Mixed. 7000 S. Huge flowers in attractive shades; early flowering; ornamental leaves. Tr. Pkt.

40c
1/8 oz............................... $\$ 1.50$
$1 / 4 \mathrm{oz}$.
\$2.75

## ACHIMENES

Mixed colors. A nice spring and summer pot plant with brilliantly colored, trumpet-like flowers in velvety tones of red, violet and white. Culture like Gloxinias. 1000 seeds.
$\$ 2.00$

## ACROCLINIUM

Double Giant Mixture. 9000 S. Brightly colored Everlasting for cutting. For winter bouquets, cut when buds begin to open. Tr Pkt. 15c .30c

## AGATHAEA (Blue Daisy)

Coelestis. $27,000 \mathrm{~S} .2 \mathrm{ft}$ tall, pretty pale blue daisy-like flowers for cutting. Slow germination. Tr. Pkt. $\qquad$ .30c 1/4 oz..............................75c . 2.70

## AGERATUM

200,000 seeds per oz. Sow seed early to have good sized plants for spring. Ageratums from seed will vary some in habit.

Blue Mink. A fine uniform "Tetraploid" Ageratum bearing large powder-blue flowers on strong husky plants $5-6$ inches tall...... $\mathbf{\$ 0 . 4 0}$
$\$ 0.75 \quad \$ 1.50 \quad \$ 5.50$

Blue Carpet. (Blue Bedder). 4-5 in. Bright blue, large flowers on very uniform compact plants. A fine variety.............................. . 40
Blue Ball Improved. 4-5 in. Large flowered, medium blue............... . 35 35

| .75 | 1.50 | 5.00 |
| :--- | :--- | :--- |

Blue Cap. 4 in. Dwarf, compact, uniform habit. Bright orchid-blue .30
. 65
5.00

Midget Blue. $4-6 \mathrm{in}$. Very low and compact with dense clusters of clear blue flowers on small-leaved plants.

45
Blue Perfection. 10-12 in. Large, medium blue flower heads........
Fairy Pink. Soft salmon-rose flowers on dwarf and compact plants..
.20
20
45

| .90 | 1.60 | 6.00 |
| ---: | ---: | ---: |
| $\ldots$. | .40 | 1.50 |
| .90 | 1.60 | 6.00 |
| ..-- | .75 | 2.50 |

Golden Ageratum. (Lonas inodora). 12 in . Clusters of rich yellow. Fine for edgings ................................................. $1 / 16$ oz. \$0. 75
. 40
1.35

Tall "Cut-Wonder". Large flowered blue Ageratum with stems 28-32 in. Excellent cut-flower during the summer months.................. . 25
Tall Blue. 24-30. Bright azure blue for cutting.................................... 20
Tall Lasseauxi. 24 in. Fluffy, mauve-pink flowers. Fine for garden decoration or cutting $\qquad$ .25 $.50 \quad 1.00$ 3.75

## ALOE

Variegata. (Tiger Aloe) Finest and most popular variety. Attractive variegated succulent leaves. 100 seeds................... $\$ 1.50 \quad 500$ seeds.................... $\$ 6.50 \quad 1000$ seeds................... $\$ 11.00$

## ALYSSUM

(79,000 S. per oz.)
*Pink Heather. All-America Award Winner for '59. Excellent companion to Carpet of Snow. A dwarf gem. Plants are well covered with lavender-pink flowers.
Tr. Pkt.................75c 1/8 oz................... $\$ 1.25 \quad 1 / 4 \mathrm{oz} . \ldots . . . . . . . . . . . . . . .2 .25$

| $1 / 2$ | oz.............. $\$ 7.00$ |  |
| ---: | ---: | ---: |
| $1 / 4 \mathrm{oz}$. | 1 oz. | $40 z$. |
| $\$ 0.35$ | $\$ 1.00$ | $\$ 3.00$ |
| .35 | 1.00 | 3.00 |
| .80 | 3.00 | 11.00 |
|  |  |  |
| 1.25 | 4.50 | 15.00 |
| .45 | 1.40 | 4.50 |
| .60 | 2.25 | $\ldots \ldots$ |

## AMARANTHUS

$30,000 \mathrm{~S}$. of easiest culture; heat resistant; planted mainly for colorful foliage.

$$
\text { Tr. Pkt. } \quad 1 / 4 \mathrm{oz} . \quad 1 \mathrm{oz} .
$$

$\begin{array}{llll}\text { Aurora. } . ~ D a r k ~ g r e e n, ~ y e l l o w ~ a n d ~ r e d ~ f o l i a g e ~ w i t h ~ b r i l l i a n t ~ c a r m i n e ~ h e a d . . . . ~ \\ \$ 0.20 & \$ 0.40 & \$ 1.40\end{array}$
Molten Fire. 4 ft . Variegated deep red foliage with brilliant Poinsettia-like heads
.20 . 35
1.25

Tricolor Splendens (Joseph's Coat). 3 ft . Yellow, red and green foliage........ . 20 . 35 1.25
Oeschberg. 4 ft . Full-feathered 20 -in. plume with reddish-green foliage........ 25 . 25 2.50

Crimson Pygmy. 10 in. Fine for combinations, teds and borders.................... . . 20 . 35
1.25

## ANCHUSA

Blue Bird (Capensis). 1100 S . Deep blue flowers on $20-40 \mathrm{in}$. compact plants. For beds and borders. Easy to grow. Tr. Pkt........................25c $1 / 4 \mathrm{oz}$ $50 \mathrm{c} \quad 1 \mathrm{oz}$.
$\$ 1.75$

## ANTIRRHINUM (Snapdragons) ORIGINATOR'S VARIETIES FOR GREENHOUSE FORCING

Included in the following listings are the newer hybrid varieties. Most florists grow them today, because of their vigor, strong stems, closer set flower spikes, less grassiness and more production per plant. Highly recommended by the various introducers for single stem growing.

## WHITE

Tr. Pkt.
Albion (Yoder Bros.). Winter and spring paper white. When bənchəd with White Knight, Albion maintains a good continuity of paper white by flowering 10-14 days later. Clean growth, uniform long, tapering spikes with graceful tip-bud development are important assets........ $\$ 3.50$
Apollo (Yoder Bros.). Winter and spring ivory white. A vigorous improvement on Margaret.... 3.50
Citation (Yoder Bros.). Large ruffled florets of ivory white. Compact spacing with long spikes. Uniform vigorous grower. Earlier than Apollo, Margaret or Twenty Grand........................... 3.50
Jet Pilot (Yoder Bros.). Medium early paper white. Thrives with low temperatures, unchecked 3.50 growth and good light conditions.............................................................................................................. 2.00
Margaret (Yoder \& Son) INBRED. Most popular winterblooming ivory whe
Maryland White (Winkler). Large paper white florets on strong stem. Early, free flowering, vigorous growth
Snowdrift Improved. 100\% double, pure white flowers. Sow to follow Mums for spring flowering 3.00
Snowman (Ball). Excellent pure white, most widely grown for winter and spring.................................... 3.00
Spartan White (Michigan State College). Early fowe white florets on good stems; shatterproof. At its best during March, April and Mothers' Day. Sow to follow Mums.......................................
wenty Grand (Yoder Bros.). The whitest ivory for late winter and spring. Long, graceful,
tapering spikes with ruffled upright, compact florets. Tall and vigorous. A fine keeper...... 3.50
White Knight (Yoder Bros.). True winter and spring paper white. Combines earliness, vigor purity of color and long spikes to excellent advantage over presently available whites. Earlier than Snowman.

## PINK and ROSE SHADES


than Christina, but earlier than Libby.........................................................................'s 2.50
er Times (Windmiller). A real American Beauty Rose red for Christmas and Valentine's 2.00 Day ................................................................................................................................................................................... 3.5
Christina (J. S. Yoder). Best known all-purpose light rose pink........................... Excellent for Christmas and comes for
Christmas Cheer (Windmiller). Earliest rose-pink. Excellent for Chris ....................................... 3.00 second and third crops..................................................................
Crusader (Yoder Bros.). Late winter and early sprig 3.50 son close to that of Dorcas Jane................................................................................
Dorcas Jane (Dorcas). Light pink flowers; a shade deeper than Mary Ellen and a Clean habit of growth; very vigorous.......................................................
Hercules (Ball). Light pink for spring, Long spikes with clean, hard stems................................. 3.50
Jackpot (Ball). Medium deep rose. Firm stems of medium length carrying long spikes with excellently spaced florets................................................................................................
Libby (J. S. Yoder). Dark rose with very strong stem; vigorous growth. Good sized flowers set medium to close on long spikes. Medium early.
Mary Ellen (J. S. Yoder). Popular early and free blooming light rose pink.................................... 2.50
Maryland Pink Imp. (Winkler). Popular early pastel pink hybrid. Strong stem and long spike.... 3.50
Native Dancer (Yoder Bros.). Light rose pink for winter and spring. Extreme vigor with exceptionally long spikes. Winter through spring the variety will follow Rosebud by about 10 days. A fine Snap

# ANTIRRHINUM (Forcing Snapdragons) - Continued PINK and ROSE SHADES - Continued 

Tr. Pkt.
$\$ 3.00$
New Times (Pan-American). Early, bright, deep rose, medium long spike, strong stem. .....
2.00 .....
2.00
Peggy Schumann. INBRED. Creamy rose pink, sturdy stems. Sow to follow Mums
Peggy Schumann. INBRED. Creamy rose pink, sturdy stems. Sow to follow Mums .....
3.50 .....
3.50 .....
3.50
Pensive (Yoder Bros.). Winter flowering deep pink. Kuffied florets. Just follows Xmas Cheer....
Pensive (Yoder Bros.). Winter flowering deep pink. Kuffied florets. Just follows Xmas Cheer.... ..... 3.50 ..... 3.50
Pompey (Yoder Bros.). Winter and spring flowering medium pink. Free, vigorous growth with
Pompey (Yoder Bros.). Winter and spring flowering medium pink. Free, vigorous growth with long spikes. Well known for its uniformity and dependable, efficient performance. long spikes. Well known for its uniformity and dependable, efficient performance. ..... 3.50 ..... 3.50
Prestige (Yoder Bros.). Long spikes of medium rose for late winter and spring. Thrives best
Prestige (Yoder Bros.). Long spikes of medium rose for late winter and spring. Thrives best with cool, slow growth. Wiry stiff stems. with cool, slow growth. Wiry stiff stems. ..... 3.50 ..... 3.50
Rebecca (J. S. Yoder). Earlier and more vigorous than Cristina, but lighter in color.
Rebecca (J. S. Yoder). Earlier and more vigorous than Cristina, but lighter in color. ..... 3.50 ..... 3.50
Rosanna (Ball.) A bright, deep rose with long tapering spikes, medium early.
Rosanna (Ball.) A bright, deep rose with long tapering spikes, medium early. ..... 3.50 ..... 3.50
Rosebud (Yoder Bros.). Large ruffled florets on long, compact spikes of luminous pink that
Rosebud (Yoder Bros.). Large ruffled florets on long, compact spikes of luminous pink that holds well into early May. Strong stems, uniform growth. One of the finest. holds well into early May. Strong stems, uniform growth. One of the finest. ..... 3.50 ..... 3.50
Rowenna (Yoder Bros.). Light rose pink for winter and spring, particularly adaptable for bunch-
Rowenna (Yoder Bros.). Light rose pink for winter and spring, particularly adaptable for bunch- ing. The quality, earliness and uniformity of Rowenna is excellent. ing. The quality, earliness and uniformity of Rowenna is excellent. ..... 3.50 ..... 3.50
Spartan Rose (Mich. State College). Medium deep rose with long heavy spikes. For late
Spartan Rose (Mich. State College). Medium deep rose with long heavy spikes. For late winter and spring. winter and spring. ..... 3.00 ..... 3.00
Top Flight (Yoder Bros.). A more uniform, earlier Christina, with the same color, floret size
Top Flight (Yoder Bros.). A more uniform, earlier Christina, with the same color, floret size and length of spike. A high grade pink and length of spike. A high grade pink ..... 3.50 ..... 3.50
Trilbee Pink (Windmiller). Long spikes closely set with giant florets in a rich pastel pink
Trilbee Pink (Windmiller). Long spikes closely set with giant florets in a rich pastel pink shade. Recommended for Single Stem production. Late August sowing for Mid-January shade. Recommended for Single Stem production. Late August sowing for Mid-January market. A vigorous grower. market. A vigorous grower. ..... 3.50 ..... 3.50
Whirlaway (Yoder Bros.). For winter and spring. Color of Maryland Pink with a large floret
Whirlaway (Yoder Bros.). For winter and spring. Color of Maryland Pink with a large floret brightened by a splash of yellow on the tips. Strong and wiry stems brightened by a splash of yellow on the tips. Strong and wiry stems ..... 3.50 ..... 3.50
Wintergreen (Yoder Bros.). Light rose pink for winter and spring. Stiff, wiry stems, no grassi-
Wintergreen (Yoder Bros.). Light rose pink for winter and spring. Stiff, wiry stems, no grassi- ness, and compact long spikes are Wintergreen's major assets. ness, and compact long spikes are Wintergreen's major assets. ..... 3.50 ..... 3.50
YELLOW
Broker's Tip (Yoder Bros.). For late winter and spring. Tolerates late spring higher temperatures and can be carried into early summer. Stiff, clean stems with compact floret placement. Medium yellow ..... 3.50
Ethel. INBRED. Best self-pollinated bright yellow, medium early ..... 1.50
Gold Mine (Pan-American). Rich, golden yellow florets, slightly fringed with excellent placement on long spikes. Early, fine strong stems. ..... 3.00
Goldrush (Winkler). Large, golden yellow florets, slightly ruffled on long, well filled spike. Fine for second and third crops. Very uniform. ..... 3.50
Golden Spike (Ball No. 1). Rich, deep golden yellow with long tapering spikes and close spaced florets. Best yellow for late winter and spring ..... 3.50
Ivory Tower (Pan-American). This mid-season to late variety is creamy ivory in color, non- shattering, strong, clean stems with florets well spaced on long spikes. Best for February to June cut. ..... 3.00
Patricia (J. S. Yoder). Finest deep yellow hybrid for greenhouse and cloth house culture. Habit similar to Margaret. A vigorous grower with long spikes. ..... 3.50
Seabiscuit (Yoder Bros.). Follows War Admiral. Clear yeilow. Tolerant to low temperature, productive and uniform. ..... 3.50
War Admiral (Yoder Bros.). For efficiency, uniformity and dependable fast performance few yellows equal War Admiral; none known exceed it. Has a long spike with high, tapering tip bud development. ..... 3.50
Yolo Wonder (Windmiller). Excellent rich yellow with large florets for winter and spring ..... 3.50
BRONZE SHADES
Barbara (J. S. Yoder). Large flowering bronze with pink throat and bright bronze lips. Very early flowering
Cavalcade (Yoder Bros.). Lively golden bronze florets on long tapered spikes. Clean and efficient growth habit; outstanding keeper.
3.50
3.50
Gallant Fox (Yoder Bros.). Popular deep bronze for winter and spring. A little earlier than Barbara. Of vigorous, uniform growth. A fine variety ..... 3.50
Jubilee (Winkler). A pleasing light apricot bronze with a long compact spike and large florets. ..... 3.50
LAVENDER
Bold Venture (Yoder Bros.). Early winter and spring deep lavender. Close to a rich magenta or purple. Medium florets with long spikes. Hard stemmed and uniform. ..... $\$ 3.50$
Lavender Lady (Ball). A deep rosy lavender with excellent spikes and stems. For late winter and spring
3.50
3.50
Windmiller's Lilac. INBRED. Fine orchid, true to type and color, hard wiry stems. ..... 2.00

# ANTIRRHINUM (Forcing Snapdragons) - Continued <br> RED <br> Tr. Pkt. 


#### Abstract

Cherokee (Ball). Early, true "Christmas" scarlet-red. Long, well formed spikes with sturdy stems. Good winter or spring. $\$ 3.50$ Commando (Yoder Bros.). Early winter and spring copper-red shade. A new and pleasing color approaching the scarlet red of a carnation. Clean growth habit. 3.50

Man-O-War (Yoder Bros.). A fire-ball for Christmas with keen demand for Valentines Day. Intense red with yellow lip. Large florets with compact placement. Very stocky, clean, uniform growth. Earlier than Navajo. 3.50

Navajo (Ball). A fine red Snap with good sized florets on (xtra long spike, with hard stem...... 3.50 Priscilla Ann (J. S. Yoder). Long, graceful spikes with wine-red florets. Similar to Shisler's Red in color. A vigorous grower and very early..3.50 Rockwood's Hybrid Red No. 15. A dark red or crimson for fall and early winter. Large well formed flowers, wiry and fairly heavy stems. ..... 3.50

Please note:-1/2 packets of all of the above originator's varieties will be furnished at half the price of a full trade packet.


## SUMMER "HOT WEATHER" SNAPS

Snapdragons approaching winter quality can be grown in greenhouses during June, July, August and September. Direct planted and grown single stem, they flower in a little over 2 months from benching. No attempt should be made to flower this group before late May, except JUNE BRIDE and the 3 POTOMAC VARIETIES, which if sown early January, will flower in early May. February sowings of these varieties flower in early June. The ROCKWOOD VARIETIES are at their best from mid-June till mid-September. Do not pinch summer greenhouse Snaps.
June Bride (Ball Hybrid). Has hard, clean stems and is shatter-proof in the presence of ethylene gas. Sow from January through June only.
Potomac Pink (Winkler Hybrid). Medium light pink, strong stem and long full spike.
Potomac White (Winkler Hybrid). A paper white with strong stem, long full spike.
Potomac Yellow (Winkler Hybrid). Medium yellow, strong stem, long full spike, large florets. Prices above 4, each: $1 / 2$ Trade Packet........................ $\$ 2.00$ Trade Packet........................ $\$ 3.50$
Rockwood's Crystal White. The finest shatter-proof pure white.
Rockwood's Summer Pink No. 1. Medium rose, stems extra firm and clean.
Rockwood's Lavender Rose. Medium lavender; stems firm and moderately clean.
Rockwood's Summer Red. Finest red for late spring and summer flowering.
Rockwood's Summer Yellow. Fairly, deep yellow.
Prices above 5, each: 1/2 Trade Packet........................ \$1.75 Trade Packet......................... $\$ 3.00$

## STANDARD VARIETIES FOR GREENHOUSE CULTURE

Cheviot Maid Supreme. Clear rose-pink.
Klondyke Supreme. Dark yellow.
Lucky Strike. Popular pure white.
Peace. Early flowering pure white.
Velvet Beauty. Velvety dark red.
Prices above 10, each: Tr. Pkt.......75c $1 / 32$ oz....... $\$ 1.25$ 1/16 oz....... $\$ 2.25$ 1/8 oz....... $\$ 4.00$

## OUTDOOR SNAPDRAGONS

## TETRAPLOID SNAPS

Tetra Crimson. Very large, deep but bright, velvety crimson flowers closely set on long, broad, tapering spikes above the dark green, thick textured foliage.
Tetra Orchid. Rich orchid-purple with yellow blotch.
Tetra Pink Shades. Light pink to deep rose. Tall, long spikes, huge florets, vigorous plants.
Tetra Rose Shades. Especially selected for those who prefer the clearer, deeper shades of rose. A most appealing blend.
Tetra Sunset Shades. Bronze, pink and primrose.
Tetra Talisman Hybrids. Gorgeous blend of gold, scarlet and orange.
Tetra White. Excellent clear white.
Tetra Yellow. Huge spikes and large florets, tall, base-branching bright yellow.
Prices above 8, each: Tr. Pkt.........50c $1 / 8$ oz......... $\$ 1.25 \quad 1 / 4 \quad$ oz......... $\$ 2.25 \quad 1$ oz......... $\$ 8.25$
Giant Ruffled "Tetra" Superfine Mixture. Erect and husky growth with huge ruffled florets in many colors and bicolors. Glossy, dark green foliage. Tr. Pkt................50c $1 / 8$ oz.................. $\$ 1.00$ 1/4 oz.................. $\$ 1.75 \quad 1 \quad$ oz.................. $\$ 6.50$

## COLOSSAL SNAPS

Finest Mixed. A strain of tremendous vigor that produces strong 3 ft . stems filled with very large florets even under adverse conditions. All colors blended.
Tr. Pkt.
35c $1 / 8 \mathrm{oz}$. $\qquad$ $.75 c$

1/4 oz.
. $\$ 1.25$
1 oz.
\$4.75

# ANTIRRHINUM (Outdoor Snapdragons) - Continued <br> ( $200,000 \mathrm{~S}$. per oz.) 


$F_{1}$ Hybrid Outdoor Antirrhinum

## F $_{1}$ HYBRID SNAPDRAGONS FOR OUTDOOR

The advantage of $\mathrm{F}_{1} \mathrm{Hy}$ brid Snapdragons for outdoor is marked by strong growth of the plants as compared with straight varieties; the difference in vigor is quite conspicuous between them. They are not only uniform in color and growth, but found to be much earlier flowering on top of the extreme vigorous and floriferous habit, thus they stay in flower for a longer period than any straight varieties.

Originator's "Sakata in Japan" varieties-which he describes as follows.

Medium Pink. Comparable to "Loveliness", but clearer color. Best outdoor pink.
Deep Rose. Almost same color as "Rosalie", but brighter and with heavier spikes.
Dark Red. Comparable to "Crimson" but brighter with good heavy spikes.
Bright Red. Trifle brighter in color than "Temptation".
Orchid. Cattleya orchid or lavender color comparable to "Bold Venture".

White. Almost pure white, much whiter than "Bob White" and looks superior to it in size of flower and spike.
Yellow. Same as "Canary Bird" a bright yellow, but with better spikes.
F $_{1}$ Hybrid Formula Mixture. Blend of above 7 colors.
 $1 / 32$ oz.............. $\$ 4.00 \quad 1 / 16$ oz.............. $\$ 7.50 \quad 1 / 8 \quad$ oz............... $\$ 14.00 \quad 1 / 4 \quad$ oz............... $\$ 26.50$

## "SAKATA'S" ALL-DOUBLE FLOWERING SNAPDRAGONS

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## ANTIRRHINUM (Outdoor Snapdragons) - Continued

$F_{2}$ HYBRID "PANORAMA" (Pan-American Strain). The wide acceptance of the new Panorama Snapdragon Mixed, which was introduced last season has surpassed all expectations. Now available in six separate colors made possible in $\mathrm{F}_{2}$ generations only by carefully controlling parent stock. These Snapdragons withstand the hot dry Mid-continent and Eastern summers. The large individual florets are closely spaced on giant spikes which are ideal for cutting. Robust, healthy, free blooming plants.

| Red | Rose Pink | Yellow Gold | White | Lavender | Bronz |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Prices above 6, each: Tr. Pkt., 50c; 1/16 oz., \$1.00; $1 / 8 \mathrm{oz} ., \$ 1.75 ; 1 / 4 \mathrm{cz} ., 13.00 ; 1 \mathrm{oz} ., \$ 10.00$ Panorama Mixed. A formula mxture of $F_{2}$ generation seed. |  |  |  |  |  |
|  |  |  |  |  |  |

$F_{2}$ HYBRID "MARDI GRAS" MIXTURE. Combines the advantages of earliness with hybrid vigor for long spikes and the extreme color range possible only by the precise application of the $F_{2}$ breeding method. In a good sized planting one can count at least 20 colors and color combinations.


BURPEE'S "TIP TOP" MAXIMUM GIANT RUST-RESISTANT. L ng, tall spikes which are robust yet graceful. Especially good for home gardens, both for garden display and as cut flowers. They are of uniform habit and ccme into bloom quite even'y at one time. $4 \mathrm{ft}, \mathrm{tall}$.

BURPEE'S EXTRA EARLY HYBRIDS Mixed. Come into bloom very early. Colors from dark red, cherry, crimson, rose-pink to light pink, lavender, golden yellow to primrose, white and many other shades. Large flowers, nicely sprced on well formed spikes. Excellent f r cutting, 2 ft .

BURPEE'S SKYSCRAPER MIXED. Extrenely tall plants with more flowers per stem, the stems more upright, more rigid and the blooms of the most pleasing shades in the lighter tones of yellow, pink, rose and others. Plants are base-branching with 3 to 7 stems, 3 ft . tall.

BURPEE'S TALL BASE BRANCHING.
Floradale Rose. Long, tapering spikes covered with bright rose-pink flowers with a pleasing soft yellow blotch on the palate. Individual flowers are numerous. Upright, 2 ft . tall.
Tr. Pkt........50c $1 / 16$ oz........ $\$ 1.00 \quad 1 / 8 \quad$ oz......... $\$ 1.75 \quad 1 / 4 \quad$ oz......... $\$ 3.00 \quad 1$ oz........ $\$ 9.00$
Happiness. Light yellow flowers are nicely placed on long tapering spikes, 5 to 7 per plant and all bloom at about the same time. Highly desirable for cutting.
Snow White. Companion to "Happiness" and like it for base branching habit. Long tapering spikes are covered with pure white flowers for about one-half their length.
Prices above 2, each: Tr. Pkt.....40c $1 / 16$ oz.....70c $1 / 8$ oz..... $\$ 1.25 \quad 1 / 4 \quad$ oz...... $\$ 2.25 \quad 1 \quad$ oz..... $\$ 6.75$
BURPEE'S DOUBLE SNAPDRAGON
Floradale Double. Soft Dresden yellow. Flowers are large, with many in bloom at the same time. They are closely placed on strong $21 / 2 \mathrm{ft}$. spikes.
Tr. Pkt......40c $1 / 64$ oz...... $\$ 1.00 \quad 1 / 32$ oz....... $\$ 1.75 \quad 1 / 16$ oz....... $\$ 3.00 \quad 1 / 8 \quad$ oz....... $\$ 5.50$
Lemonade Double. The immense flowers are of a clear primrose-yellow and nicely placed on long, strong stems. The central spike grows 3 ft . tall and blooms ahead of the laterals, three to five of which arise from the main stems close to the ground.
Tr. Pkt......50c $1 / 64$ oz....... $\$ 1.25 \quad 1 / 32$ oz....... $\$ 2.25 \quad 1 / 16$ oz....... $\$ 4.00 \quad 1 / 8 \quad$ oz....... $\$ 7.50$ Double Mixed. An excellent color combination. Plants average $21 / 2 \mathrm{ft}$. in height.
Tr. Pkt......40c $1 / 64$ oz....... $\$ 1.00 \quad 1 / 32$ oz....... $\$ 1.75 \quad 1 / 16$ oz....... $\$ 3.00 \quad 1 / 8 \quad$ oz........ $\$ 5.50$

SUPER MAJESTIC, Rust Resistant Mixed. A medium tall class of base-branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.
Tr. Pkt.
30c
1/8 oz.................. 50 c
$1 / 40 z . . . . . . . . . . . . . . . .-\$ 1.00 \quad 1 \mathrm{oz}$
$\$ 3.00$

UNIVERSITY OF CALIFORNIA, Tall Rust Resistant Mixed. Excellent color blend. Long stems and large flowers.
Tr. Pkt..........20c $1 / 8$ oz...........40c $1 / 4$ oz............75c 1 oz......... $\$ 2.75 \quad 4$ oz......... $\$ 9.00$
TOM THUMB. Magic Carpet. Very attractive, extremely dwarf mixture; highly recommended for rock gardens; very uniform in height, 5-6 in.
Tr. Pkt.
30c
1/8 oz.................50c
1/4 oz................. $\$ 1.00$
1 oz .
$\$ 3.50$

## ANTIRRHINUM (Outdoor Snapdragons)-(Continued)

MAXIMUM. Rust Resistant Garden Snaps. Giant flowering, long stemmed.
Alaska. (Shasta). Pure white. Copper Queen. Burnished copper.
Appleblossom. Rose pink, white tube. Crimson (Padre). Glossy crimson, dark stems.
Campfire. Luminous scarlet.
Canary Bird. Canary yellow
Cherry Rose. Deep brilliant cherry rose.
Loveliness. Pure soft rose pink.
Rosalie. Bright deep rose.
Yellow Giant. Deep canary yellow.
Maximum Rust Resistant Mixed. Our own formula blend of above colors.
Prices above 11, each: Tr. Pkt.....30c $1 / 8$ oz.....60c $1 / 4$ oz..... $\$ 1.00$ l oz..... $\$ 3.25$ 4 oz..... $\$ 10.00$
Velvet Giant. Deep velvet red. Not a Tetra but looks like one. Tremendous vigor and size. Excellent for cutting. Tr. Pkt.........40c $1 / 8$ oz......... 80c $\quad 1 / 40$ oz........ $\$ 1.50 \quad 1$ oz......... $\$ 5.00$

MALMAISON TYPE (Half Dwarf). Excellent for flat sales and combination work. Plants are of medium height and are very free flowering.

Avalanche. Pure white.
Black Prince. Deepest crimson, dark foliage.
Golden Monarch. Rich golden yellow.
Malmaison. Deep silvery pink.
Nelrose. Soft silvery pink.
Red Chief. Bright scarlet.
Prices above 12, each: Tr. Pkt.........-35c

Royal Cerise. Bright cerise-carmine
Royal Rose. Rich deep rose.
Purity (White Wonder). Creamy white.
St. George. Flashing orange-cerise.
Welcome. Deep brilliant-crimson.
Formula Mixture of above colors.
$1 / 8 \quad$ oz.........65c $1 / 4$ oz......... $\$ 1.25 \quad 1$ oz......... $\$ 4.00$


## ARCTOTIS

Large Flowered Hybrids. 4000 S. Interesting and varied colors. Gerbera-like flowers. 12 in . high.
Tr. Pkt.............................40c 1/4 oz............................... $\$ 1.25$ loz............................... $\$ 4.50$
Grandis. African Lilac Daisy, 3 ft. Tr. Pkt.................25c 1/4 oz.................50c 1 oz................. $\$ 1.75$


## ASTERS - Wilt-Resistant Varieties <br> ( $12,000 \mathrm{~S}$. per oz.)

Occasional spraying and dusting with "Parathion" is recommended for those experienced with this lasting insecticide to kill leaf hoppers, which transmits the yellow disease. D.D.T., although not quite as effective, is recommended where safety is a factor.

## DWARF ASTERS for POTS and BEDDING

DWARF QUEEN. These new dwarf Asters, 10 in . high, are base-branching with flowers freely produced; they have outstanding lasting quality in the home when used as potted plants. Grown in $21 / 4$ inch pots permits selecting plants of uniform size when panning up 2 or more plants per pot. During the winter and early spring months additional light is recommended (using 60 watt bulbs with reflectors spaced 5 ft . apart.) from sunset until 10 P.M. (same setup as Mums).

| Crimson | Deep Blue | Deep Scarlet |
| :--- | :--- | :--- |
| Rose | White | Formula Mixture, above 6 colors |

Prices above 7, each: Tr. Pkt.................40c $1 / 4 \mathrm{oz} . . . . . . . . . . . . . . . . . \$ 1.15 \quad 1$ oz................. $\$ 4.00$
DWARF "GERHART HAUPTMANN". Bushy, compact plants profusely covered with ball-like double flowers of rich, cinnabar-red. Fine for pots and equally as good in the garden border.
DWARF "THOUSAND WONDERS". Bushy, 8 inch plants covered with flowers of a striking vivid rose color. Splendid for pots and bedding.
Prices above 2, each: Tr. Pkt............ 4
40c 1/8 oz............75c $1 / 4$ oz
\$1.25
1 oz.
\$4.50

## DWARF ASTERS for POTS and BEDDING-(Continued)

KIRKWELL. Grows to a height of 12-14 inches and due to its dwarf compact shape and its very free flowering habit it is very useful for borders, rock gardens and for pots. As a pot plant it is best flowered from December through February, takes 4 to $41 / 2$ months from seed.
Crimson Dark Blue Dark Rose Light Pink Salmon-Pink Formula Mixture Tr. Pkt................50c $1 / 8$ oz................ $\$ 1.00$ 1/4 oz................. $\$ 1.751$ oz................- $\$ 6.00$

REMO. A fine upright growing branching Aster, 12-16 inches tall. 2 inch flowers with yellow centers are freely produced. For pots or cutting (cut entire plant.)


LITTLE GIANT. Plants make perfect mounds 15 in . tall, 3 to 4 in . flowers of the feathery Crego type are freely produced, 40 to 50 blooms at the same time. Ideal for borders and bedding.
Choice Mixture. Full color range. Tr. Pkt.....40c $1 / 8$ oz.....85c $\quad 1 / 4 \quad$ oz..... $\$ 1.60 \quad 1 / 2$ oz..... $\$ 3.00$

## TALL WILT-RESISTANT ASTERS

QUEEN OF THE MARKET. Standard early flowering type, widely used for early market cutting, 20 in. tall, long-stemmed, medium sized round flowers.


EARLY ROYAL. Second early class follows directly the Queen of the Market. Preferred by many because of their longer stems.
Azure Blue
Deep Rose
Purple
Scarlet
Shell Pink
White
Royal Formula Mixed


EARLY BEAUTY. $2^{1 / 2}$ to 3 feet tall, blooms late August to frost. An improved type of American Branching as it produces larger flowers and stronger stems.


EARLY GIANT. Flowers are of the Giant California type, blooming $4-6$ weeks earlier. Plants are $11 / 2$ to 2 ft . tall with strong heavy stems.


AMERICAN BRANCHING. Standard long- stemmed midseason class, large double flowers; 2 to 3 ft .

| Azure Blue <br> Sensation (dark red) | Bright Rose <br> Shell Pink | Crimson White |  | Peach Blossom Purple <br> American Branching Mixture |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

IMPROVED CREGO or TALL OSTRICH FEATHER. Unchallenged favorite of American gardeners. Large, feathery, fully double flowers on robust branching $21 / 2 \mathrm{ft}$. plants. Comes into bloom in August, continuing well into September.

## Azure Blue Crimson

 Shell-PinkBlue Flame, bright navy blue
Deep Rose, bright rose
White

1/4 oz.................50e $\quad 1 \mathrm{oz}$.
Tr. Pkt.................30c
Cattleya, orchid shade Purple or Dark Blue Formula Mixture
long-a
with The best giant Aster.
Beverly Hills, azure blue
Los Angeles, shell pink
Palm Springs, deep rose

BCUQUET TYPE. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems at top of 2 feet plants. Habit allows entire plant to be cut as one bunch.


## WILT-RESISTANT ASTERS-(Continued)

PRINCESS. 2 to $21 / 2 \mathrm{ft}$. tall; giant 3 to $31 / 2$ inch flowers on long stems have a full deep crested center surrounded by several rows of dainty guard petals. A very good shipper. Blooms late August.

Alice, azure blue
Anne, peach blossom
Barbara, orchid
Bonnie, soft salmon pink Elizabeth, pure white

Goldilocks, deep yellow
Linda, clear light rose
Margaret, florist rose
Marsha, cinnabar scarlet
Formula Mixture, blend of above

Nancy, salmon pink, gold center
Pat, bright crimson
Susan, clear deep blue
Virginia, bright mid-blue Tr. Pk
PRINCESS "Victoria". (New). The genuine flaming red color, the fully double flower, appr. 3-in. large, is borne on a sturdy over 24 in. long stem. Blooming abundantly from the middle of August until the end of September. Received a Gold Medal at the Horticultural Exhibition in Cassel, Germany.
Tr. Pkt................35c 1/8 oz.................50c 1/4 oz.................90c loz................. $\$ 3.00$
GIANT PRINCESS "Splendid Mixed." A giant flowered strain of the well known Princess Asters. The fully double flowers with crested or cushioned Anemone centers, approx. 5-6 in, across, are carried on strong stems, 24 to 32 inches high. A mixture of all Aster colors.
Tr. Pkt................40c 1/8 oz................. 75c 1/4 oz.................. $\$ 1.25 \quad 1$ oz.................. $\$ 4.00$

BALL TYPES or GIANT INCURVED. Fully double flowers on long stems. Bred and selected for cut flowers. Outstanding for growing under cloth or in the greenhouse. Normally blooms in mid- or late August but can be flowered under lights earlier or in the spring. Highly resistant to wilt.
Azure Ball. Clear light blue ( 3 to $31 / 2 \mathrm{in}$.) flowers. Blooms around August 20.
Pink Ball. Soft shell pink ( $31 / 2$ to 4 in.) flowers. Blooms August 20.
Purple Ball. Large incurved, dark purple flowers. Blooms August 20.
Rose Ball. Extra large flowered, rich deep rose. Blooms August 25.
White Ball. Large, exceptional double flowers on good long stems. Blooms August 25.
Mixed. Our own Formula Blend of the above colors in just the right color proportions.
Each of the above: Tr. Pkt...........75c $1 / 8 \mathrm{oz} . \ldots . . . . . . . . . \$ 1.50 \quad 1 / 4 \mathrm{oz} \ldots \ldots . . . . .$.
$\$ 9.00$

HEART OF FRANCE. 24 inches tall. Glowing dark red flowers. Blooms in late August.
Tr. Pkt................. 35 C
1/4 oz..................75c
oz.
$\$ 2.75$
4 oz.
$\$ 9.00$

## ASTERS IN MIXTURE

ALl-DOUBLE WILT RESISTANT VARIETIES MIXED. A blend made up by ourselves of the best commercial colors. For growers who sell large quantities of mixed Aster plants.
Tr. Pkt................30c 1/4 oz.................50c 1 oz................. $\$ 1.75$ 4 oz................. $\$ 6.00$
SINGLE CHINENSIS. Attractive single daisy-like cutting Asters, 2 to $21 / 2 \mathrm{ft}$. tall with medium-sized flowers on long stems of excellent keeping quality.
Rainbow Upright Mixture. Habit makes the plant very suitable for cutting as a bunch.
Base-Branching Mixture, For continued cutting.
Prices above 2, each: Tr. Pkt...........25c 1/4 oz........... 40c 1 oz........... $\$ 1.35 \quad 4$ oz........... $\$ 4.50$
BURPEEANA. Extremely early, blooming about 2 weeks ahead of the Queen of the Market. Large, fluffy Crego type flowers on 18 -inch stems. Base-branching. A complete range of all popular

IMPROVED GIANTS OF CALIFORNIA. Large flowers of the Crego type, long-stemmed, blooms from late summer to frost. Well balanced Mixture. Tr. Pkt.........30c $\quad 1 / 4 \mathrm{oz} . \ldots \ldots . . . .60 \mathrm{c} \quad 1 \mathrm{cz} . \ldots \ldots . .$.
IMPROVED GIANT CALIFORNIA SUNSHINE MIXED. Large flowered anemone type. Has small center cushion with long ray petals. Long and heavy stems.
Tr. Pkt. 40c
1/4 oz..
.75c
1 oz.
$\$ 2.50$

## BALSAM

Double Bush Flowering. 3300 S. 12 in. By far the most attractive variety for spring sales in small pots. Double flowers appear in clusters on top of stem well above the foliage.


Double Flowered Dwarf Mixed. Showy little bushes 8 in . high with double and semi-double flowers in a wide range of pretty colors. Fine for edgings, borders or pot culture.

Improved Rose Flowered Extra Double Mixed. 18 in. Rose-like flowers in a mixture of beautiful colors.

Improved Double Camellia-Flowered Mixed. 20 inches. Large fully double flowers closely set along the length of the stems and surrounded by the foliage in full color range.
Tr. Pkt.
20c
35c
1 oz.
\$1.15
4 oz.
\$3.75


#### Abstract

BEGONIAS FOR POT PLANTS AND BEDDING ( 30,000 s. per $1 / 32$ oz.) Well-cleaned seed from European Specialists. Use a non-acid peat for germination; no covering over the seed, except paper for shade until they sprout. Keep surface of flat moist. Should be grown at $60^{\circ}$ to keep them moving, need shade during the summer, a well shaded house high in humidity is recommended. Sow during November/December and January for $2^{1 / 4}$ 's $3^{\prime}$ 's and 4's for spring sales. A strong $2^{1 / 4}-\mathrm{in}$. pot can be produced from seed in about 4 months.


## $F_{1}$ HYBRID STRAINS

Seed is produced by the same method as Hybrid Petunias and Snaps. Plants grow uniform are sun and rain proot - and because of this they are well adapated for outdoor bedding.
Indian Pearl. 6 in. Scarlet-red flowers, dark bronze foliage.
Pink Pearl. 6 in. Rich pink color, resembles Adeline in flower size,
Red Pearl. 6 in. Same as above in type, and blooming habit, except for its brilliant scarlet red color. Above 3, each: $1 / 2$ Tr. Pkt. ( 1000 s .)...........75c Tr. Pkt. ( 2000 s .) ............ $\$ 1.50 \quad 3$ for............ $\$ 4.00$
Pink Thousand Wonders (Tausendschoen). 6 in. Bright pink flowers, very resistant.
Red Thousand Wonders (Rote Tausendschoen). 6 in. Dark deep red counterpart to above.
Sleeping Beauty (Dornroeschen). 5 in . Bright carmine, extremely free-flowering.
Prices above 3, each: Tr. Pkt..... $\$ 1.50 \quad 1 / 256$ oz..... $\$ 2.75 \quad 1 / 128$ oz..... $\$ 5.00 \quad 1 / 64$ oz..... $\$ 9.00$
White Thousand Wonders (Weisse Tausendschoen). 6 in . Pure white flowers in abundance. The latest addition to the Thousand Wonders class. Tr. Pkt................. $\$ 1.50 \quad 3$ for.................. $\$ 400$
Organdy Mixture. Formula mixture of many unedited $F_{1}$ Hybrid varieties, carefully selected for even height, compact growth, resistance against full sun and rain, profusion of blooms in a well balanced color harmony of scarlet, red, rose, pink with a few white, all of uniform "Thousand

Gruga. 6-8 in. Rich carmine pink, sturdy compact plants, heat and rain resistant.
Tr. Pkt...-......... \$1.25 $1 / 128$ oz.............. $\$ 2.50 \quad 1 / 64 \mathrm{oz} . . . . . . . . . . . . . \$ 4.50 \quad 1 / 32 \mathrm{oz}$.
$\$ 8.50$

Luzifer. Brilliant scarlet flowers with deep, bronzy foliage. A fine outdoor bedding variety.
Tr. Pkt........... $\$ 1.50 \quad 1 / 128 \quad$ oz............ $\$ 2.75 \quad 1 / 64 \quad$ oz.............. $\$ 5.25 \quad 1 / 32 \quad$ oz............ $\$ 10.00$
Pink Profusion. 9 in . Pure La-France-Rose or coral pink with purple buds and green foliage. A very vigorous, dense grower and highly resistant to full sun.
Tr. Pkt....................... $\$ 1.50 \quad 1 / 128$ oz.......................... $\$ 3.25 \quad 1 / 64$ oz.......................... $\$ 6.00$
Prima Donna. 9-11 in. Bright rose-pink; extra good for winter-blooming in 4 or 5 inch pots.

. $\$ 7.25$

## REGULAR DWARF VARIETIES, 5 TO 8 INCHES

Tr. Pkt. 1/64 oz. 1/32 oz.

|  | 1.25 | \$2.75 | \$5.00 |
| :---: | :---: | :---: | :---: |
| Adeline. Very free flowering bright pink; dw | 1.25 | \$2.75 |  |
| Ball Red. Fairly dwarf and uniform growth | 1.25 | 2.75 | 5.00 |
| Ball Deep Rose. Deep rich rosy red which gradually fades to a bright luminous pink | 1.25 | 3.00 | 5.50 |
| Flamingo. Bi-colored white with pink edge | 1.50 | 3.50 |  |
| King of the Reds. Glowing red flowers, a most valuable variety of |  |  |  |
| Luminosa Compacta. Extra dwarf and compact; fiery red flower | 25 | 3.00 3.50 | 5.50 7.00 |
| Saga. Bright red flowers; extra dwarf and dense growth.................. | 1.25 | 2.75 | 5.00 |
| Snowbank. The finest dwarf, large flowered, glistening white Be | 1.50 | 3.50 | 7.0 |
| Snow Pearl. Pure white flowers; extra dwarf and compact | 1.00 | 2.50 | 4.50 |
| DWARF BRONZE LEAVED VARIETIES, 6 INCHES |  |  |  |
| Dwarf Carmen. Light pink flowers with rich bronze foliage | 1.50 | \$3.00 | \$5.50 |
| Dwarf Indian Maid. A dwarf and compact version of the popular Indian Maid scarlet flowers and bronze leaves. | 1.50 | 3.50 | 6.50 |
| Indian Bride. Pure white flowers with rich bronze-colored leaves | 1.50 | 3.25 | 6.00 |
| Bronze-Leaved Varieties Mixed. A formula blend of above | 1.50 | 3.25 | 6.00 |

TALL VARIETIES, 12 INCHES AND UP


## BEGONIAS - INTERMEDIATE VARIETIES, 9 TO 11 INCHES

|  | Tr. Pkt. | 1/64 oz. | 1/32 oz. |
| :---: | :---: | :---: | :---: |
| Carmen. The bronze-leaved Begonia, bright rose-pink flow | \$1.25 | \$2.50 | \$4.50 |
| Glow. (Glut) Large flowering dark red; excellent for pots.. | 1.00 | 2.25 | 4.00 |
| Indian Maid. Deep metallic bronze foliage, scarlet flowers. | 1.25 | 2.50 | 4.50 |
| Luminosa. Fiery-red, fine for 4 inch and larger pots. | 1.25 | 2.75 | 5.00 |
| Scandinavia Pink. Free flowering bright rose-pink. Fine for pots. | . 1.25 | 2.75 | 5.00 |
| Scandinavia Red. Bright carmine scarlet flowers...................... | . 1.25 | 2.75 | 5.00 |
| Scandinavia White. A white Scandinavia Selection. | 1.25 | 2.50 | 4.50 |
| White Pearl. Large snowy white blooms. | 1.00 | 2.25 | 4.00 |
| Intermediate Varieties Mixed. A formula mixture of above varieties. | 1.00 | 2.00 | 3.75 |
| "REX" BEGONIA (Ornamental-leaved). Splendid mixed varieties, 1000 |  |  | \$3.00 |

## TUBEROUS ROOTED BEGONIAS

Grow them from seed at much less cost than from tubers. They are also more dwarf, vigorous and free blooming. Early sowings start flowering within 5 months.
Bertini compacta hybrida "Perfecta". Very free fliwering. Many medium, single, glowing fiery red flowers are produced freely above the foliage on bushy $8-\mathrm{in}$. high plants. Contrary to other Tuberous Begonias this variety can stand full sun and is especially valuable for pots, bedding, window boxes etc. If sown from December until the middle of February, flowering plants can be had from Mother's Day on through the whole summer months.
Tr. Pkt. (appr. 500 seeds).
\$1.25
Multiflora Double Mixed. Dwarf, bushy habit, 8 inch plants. Small, double flowers in many colors are freely produced. Fine for bedding.
Tr. Pkt......................................................... $\$ 1.50 \quad 1 / 128$ oz....................................................... $\$ 4.50$
Double "Lloydii" (pendula). Finest Mixed, beautiful shades. Fine for hanging baskets.

Extra Double Giants Mixed. Gorgeous colors, $80-90 \%$ perfect Double Camellia-like flowers. First class strain.
Tr. Pkt....................... $\$ 2.00 \quad 1 / 128$ oz......................... $\$ 5.50 \quad 1 / 64$ oz.......................... $\$ 10.00$
Single Giant Flowering Mixed. Large, 6 to 8 inch, flowers are carried freely above the foliage. Seed is saved from selected blooms.
Tr. Pkt.
\$1.00
1/128 oz
$\$ 2.50$
1/64 oz
$\$ 4.50$

## BELLS OF IRELAND (Molucella Laevis)

Plants are composed of several base-branching stems, each closely set with spikes of large bell-like sheaths of translucent green surrounding a small white flower. Wonderful either as a fresh cut flower, or when dried for use in winter bouquets. 4200 S . per oz.
 BROWALLIA
Speciosa Major. 111,000 S. Large, $11 / 2$-inch deep blue flowers. The standard variety for pots.
Tr. Pkt................. $\$ 1.00 \quad 1 / 16$ oz.................. $\$ 3.00$ 1/8 oz..................... $\$ 5.25 \quad 1 / 4 \mathrm{Oz} . . . . . . . . . . . . . . . . . . . ~ \$ 10.00$

> CABBAGE - FLOWERING - see "Ornamentals", (page 29)
> CACTUS

Extra Choice Mixed. All kinds and forms, many of them rare collectors items.
100 seeds......................30c 500 seeds.................. $\$ 1.40$

## CALCEOLARIA

Excellent and easily grown cool temperature pot plants for a reasonably priced, showy item for Easter and Mother's Day. Sow from July to October.
F $_{1}$ Hybrid Multiflora Nana Mixed. Unparalled vigor compared to straight varieties. Flowers are medium-sized in a wide range of brilliant colors produced in great cloud-like heads. Grows much stronger than other Calceolarias, therefore, we suggest to finish same in 6 -inch pots. Tr. Pkt
\$2.00
1/128 oz.
. $\$ 4.00$
$1 / 64 \mathrm{oz}$
. 7.50
Multiflora Nana Mixture. The most popular variety. Very attractive, medium size brightly colored flowers. The compact plants are wiry in growth with small durable leaves.


CALCEOLARIA - (Continued)
Grandiflora Dwarf Mixed. Large flowers in unusual striking colors of the tigered, marbled and spotted varieties. Tr. Pkt.................. \$1.25 1/64 oz................... \$2.75 1/32 oz................... $\$ 5.00$ Rugosa Major "Triumph of the North". Large heads of small yellow flowers. Resistant to heat. Tr. Pkt......................................................... $\$ 1.25$ 1/256 oz....................................................... $\$ 3.50$ Rugosa Nana Mixed. 10 in . Dwarf, compact, robust and bushy plants with large heads of small flowers in a mixture of brilliant colors. Tr. Pkt....................... $\$ 1.25 \quad 1 / 256$ oz....................... $\$ 3.50$

## CALENDULA

GREENHOUSE VARIETIES. 3000 S.
Ball Gold Improved. Rich golden yellow.
Ball Lemon Queen. Lemon-yellow, dark eye.
Art Shades Mixture. Pastel tints in new colors. Each: Tr. Pkt............. 35c 1/4 oz....................60c 1 oz.................. $\$ 2.00$ oz.................. $\$ 7.00$ BEDDING VARIETIES: 3000 S .
NEW PACIFIC BEAUTY. This new family of Calendulas is the result of several years work to produce a strain with uniformly larger flowers of better formation, longer and straighter stems, more clear colors, and more resistant to mid-summer heat.
Apricot Beauty. Attractive two-toned rich apricot.
Cream Beauty. Creamy-white shading to sott light yellow.
Lemon Beauty. A pure lemon yellow; wide petals.
Persimmon Beauty. Brilliant true persimmon-orange.
Pac: 'ic Beauty Mixture. A blend of above 4 colors.
 Chrysantha (Sunshine) Buttercup yellow. Lemon Queen. Lemon yellow.
Orange King Imp. Deep orange, dark eye. Yellow Colossal. Bright yellow, outstanding.
Special Florists' Bedding Mixture. Large flowered, long stemmed varieties.

CALLIOPSIS (Coreopsis tinctoria). 90,000 S.
Dwarf Mixture. 6-8 in. Very attractive and free flowering dwarf bedding plants in a mixture of red and yellow shades. Tr. Pkt.....................25c $1 / 40$ c......................45c 1 oz...................... $\$ 1.50$

## CAMPANULA

Annual Canterbury Bells Mixture. 50,000 S. $2-2 \frac{1}{2} \mathrm{ft}$. Blooms from seed in six months with 6-8 flower spikes. Tr. Pkt............................30c

1/4 oz.............................75c 1 oz.
$\$ 2.50$

## CANDYTUFT

Super Hyacinth Flowered "Iceberg". 9,500 S. The finest white Candytuft on the market. Six spikes are the general rule. The large individual florets are unsurpassed in any other strain.

Giant Hyacinth Flowered White. Extra select Florist Strain.
Tr. Pkt........ 25c $1 / 2$ oz......... 50 c 1 oz..........90c 4 oz......... $\$ 3.00$ 1 lb......... $\$ 10.00$
Umbellata. Popular greenhouse cut flower for spring, 1 ft . high.

| Flesh-Pink | Crimson | Lavender | Rose Cardinal | White | Mixture |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Each Tr. Pkt. |  | 1 | 50c | 4 oz. | \$1.75 |

Fairy Mixed. The compact, little, dome-like plants grow 8 in . tall. They are so completely uniform in height and plant spread that a row has the appearance of a dwarf hedge of a parade of gay colors. Very early blooming, therefore, also good for pots and combinations.
Tr. Pkt.
30c
$1 / 4 \mathrm{oz}$.
50c l oz...
\$1.75

## CANNA

Giant Hybrids Mixed. 100 S. Selected from newest and most advanced varieties. Sow in January for summer bloom; soak seed before sowing and give good bottom heat.
$1 / 2 \mathrm{cz}$.
.75c
\$1. 25
4 oz..
$\$ 4.75$

## CARNATIONS

## ORIGINAL "CHABAUD" and "ENFANT DE NICE" from France

Well-known throughout the world for their very long, strong stems and their well formed very large double flowers. French Originator's 1 gramm packets in color, containing appr. 500 handpicked seeds.

CHAUBAUD'S. Strong 20 to 24 inch stems.
Aurora. Deep salmon rose
Carmen. Cherry Red
La France. Soft salmon rose
Legion of Honor. Glowing brick-red
Marie Chabaud. Canary-yellow
Princess Alice. Deep rose, flushed white edge
Safrano. Apricot
Prices above 14, each: 1 gramm............. $\$ 1.00$

Entincelant. Fiery red
Jeanne Dionis. Pure White.
La Perle. Rose pink, lilac ground.
Magenta. Violet-red or purple.
Nero. Dark purple or maroon
Reine Rose. Deep, brilliant rose
Elite Mixture. Above and other colors
7 gramm............ $\$ 6.00 \quad 14$ gramm.
$\$ 10.50$

## CARNATION - (Continued)

ENFANT DE NICE. Larger blooms than Chabaud, pracitically 100\% All-Double. Strong stems, 16 to 20 inches long with heavy fleshy foliage.

Royal Aurora. Bright, deep salmon rose
Royal Jaune. Yellow
Royal Panache. Striped, light and deep rose
Royal Rouge. Glowing, bright red
Royal Saumon. Light salmon
Prices above 10 , each: 1 gramm.

Royal Blanc. Pure white<br>Royal Mauve. Lilac-rose<br>Royal Pourpre. Blood-red<br>Royal Rose. Deep rose<br>Royal Mixed. All colors

5 gramm............ $\$ 5.00 \quad 10$ gramm.
$\$ 9.00$

## ORDINARY STRAINS OF CARNATIONS. 14,000 S.

Chabaud's Giant Improved Formula Blend. A color-balanced blend from separate varieties.
Tr. Pkt.
40c
1/4 oz................................-. $\$ 1.00$
1 oz .
\$3.50
English Giants (J. M. Bridgeford Strain). Mixed colors, superior size blooms comparable to greenhouse grown carnations if secondary buds are removed.
Tr. Pkt.
40c
$1 / 4 \mathrm{oz}$.
$\$ 1.00 \quad 1 \mathrm{oz}$
\$3.50

Marguerite Double Giant Malmaison Mixed. Largest flowers, beautiful colors, very early, bloom within 5 months from planting. Flowers are very fragrant.
Tr. Pkt.............................25c $1 / 4$ oz...............................65c 1 oz................................ $\$ 2.50$
Enfant De Nice. 16 in . Plants are of robust upright habit with stiff stems bearing flowers $21 / 4$ to $23 / 4$ inches in diameter. The heavier fleshy foliage provides a husky seedling, ideal for bedding plant trade.


## CELOSIA

DWARF FEATHER VARIETIES. $29,000 \mathrm{~S}$. For combinations, pots and bedding.
Dwarf Fiery Feather. 12 in . Fiery-red spires. Golden Feather. 12 in . Golden yellow spires. Dwarf Feather Mixture. Our own mixture of $2 / 3$ Fiery Feather and $1 / 3$ Golden Feather.

PLUMOSA: Tall, plumed or feathery type.
Scarlet Plume. 4 ft . Bright crimson scarlet. Golden Plume. 4 ft . Golden yellow.
Thompsoni Magnifica. A fine even strain of this popular tall growing Ostrich Plume. Brilliant colors. An excellent cut flower.
Above 3, each: Tr. Pkt..................25c 1/4 oz.....................60c 1 oz............................ $\$ 20$
Forest Fire. $21 / 2 \mathrm{ft}$. Brilliant plumes of fiery orange-scarlet. Very showy.
Golden Fleece. 3 ft . Clear, golden yellow plumes of huge size on long stems.
Pampas Plume. 3 ft . Mixture of huge long-stemmed plumes in brilliant shades.
Prices above 3, each: Tr. Pkt...................30c $1 / 4$ oz..................... 85c 1 oz....................... $\$ 3.00$
Spicata. 5 ft . Long, slender, silvery rose spikes. Fine cut flower and for drying.
Tr. Pkt............................20c 1/4 oz.............................. 35c 1 oz.............................. $\$ 1.00$
CHILDSII (Chinese Woolflower)
Mixed. Very attractive type with knobs or ball-like formations on the end of each branch.
Tr. Pkt..............................-25c 1/4 oz...............................60c 1 oz................................-. $\mathbf{~} 2.00$

## IMPROVED CRISTATA (Cockscomb)

Aurea. (Golden Beauty). 12 in . Showy golden yellow combs.
Empress. 12 in. Large crimson combs with dark foliage.
President Thiers (Glasgow Prize). 12 in . Dark crimson combs, bright green leaves.
Prices above 3, each: Tr. Pkt...............-25c $1 / 4$ oz................60c 1 oz................. $\$ 2.25$
*Kardinal. 10 in. Very uniform with large brilliant red combs; green leaves. Fine for pots, bedding, borders and combinations.

*Red and Gold. 15 in . Large combs of golden yellow striped bright crimson. A unique but fascinating color.


## CELOSIA - (Continued)

## IMPROVED CRISTATA (Cockscomb)

*Toreador. $18-20 \mathrm{in}$. Large combs up to 12 inches across of a rich wine-red color with scarlet overtone. 1955 All-America Winner.
Tr. Pkt..............25c $1 / 8$ oz...............65c $1 / 4$ oz................ $\$ 1.25 \quad 1$ oz................ $\$ 4.50$
*Yellow Toreador. $18-20 \mathrm{in}$. A yellow sport of Toreador. Identical to it in height, growth, in flowering season etc., except color which is yellow.


Golden Scepter. 20 in . Of very uniform growth. Large combs of a bright deep yellow color. A little later in bloom than Yellow Toreador.
Tr. Pkt...............25c $1 / 8$ oz................65c
1/4 oz................ $\$ 1.25$
1 oz.
$\$ 4.50$

Mixture. Above 3 Medium Tall varieties.

Dwarf Sorts Mixed. 10-12 in. Extra choice mixture of all colors in this class with both light and dark foliage.
Tr. Pkt.
25 c
$1 / 4 \mathrm{oz}$. 60c
1 oz
\$2.25

GILBERT'S VARIETIES: Well adapted to drying for winter bouquets.
Gilbert's Crimson Gold. 3-4 ft. Crimson tipped with yellow. Non-branching unless pinched.
Gilbert's Gold Dust. 2-3 ft. Bushy type. Combs turn from silver to light yellow, sprinkled with gold, when fully developed.
Gilbert's Green Gold. 3 ft . Ball-shaped combs are silvery green-tipped light rose with just a touch of yellow. Dries a silvery color.
Gilbert's Maple Gold. 3-4 ft. Beautiful shades of pink tipped with gold.
Gilbert's Harlequin. 18 in. Turns from gold to salmon then to a bright shell pink.
Gilbert's Rose Beauty. $3-4 \mathrm{ft}$. A brilliant pink coloring on a silver base; very large combs.
Prices above 6, each: Originator's tr. pkt. ( 300 seeds)....................50c 5 pkts..
\$2.25
CRISTATA TALL (Cockscomb)
Tall Kurume. A most fascinating, brilliant scarlet red, hard to describe. The top comb is globular and large, grows $21 / 2$ to 3 ft tall, produces also many branches, but all of them make perfect minor combs. Fine cut flower.
Tr. Pkt.
25c $1 / 8$ oz...............65c
1/4 oz.............. $\$ 1.25$
1 oz..
\$4.50

Tall Royal Velvet. 24 in . Rich carmine-crimson combs borne well above the foliage. Bronzegreen leaves with reddish margins.


## CENTAUREA

CYANUS (Cornflower or Bachelor Button). Large, fully double flowers on long stems for cutting. 6500 S.

## Blue Boy, deep blue.

Black Boy, deep maroon
Snowman, clear white.
-
 Jubilee Gem. 12 in . Dwarf and bushy with freely produced dark blue double flowers closely packed on the plant. Tr. Pkt.................20c $1 / 4$ oz.................. $35 \mathrm{c} \quad 1$ oz................... $\$ 1.20$ IMPERIALIS (Sweet Sultan). 7500 S. 30 in . Attractive large thistle-like flowers.

Mixture. A complete color blend. Tr. Pkt................................20c 1 oz............................... 90c
Suaveolens (Yellow Sweet Sultan). 20 in. Bright yellow. Tr. Pkt.............20c 1 oz...............90c
Gymnocarpa and Candidissima, also Cineraria Maritima Diamond see "Dusty Miller."

## CHRISTMAS CHERRY (Solanum)

( 11,000 S. per oz.) Tr. Pkt. 1/4 oz. 1 oz.

Hlavacek's Masterpiece. Finest compact strain, uniform and bushy. Large round red fruit is very freely produced.....................................................................
Paterson Christmas Cherry. Compact strain with medium sized round red fruits, freely produced. Well suited for the smaller-sized pot specimens

## CHRISTMAS PEPPER (Capsicum)

Craigi Christmas Pepper. (Christmas Candle). Dwarf, compact rather wide and low plants are loaded with little, up-pointing, top-shaped fruits. Fruit is first a creamy white, later turning a glowing shining scarlet....
Red Boy. A fine addition to the Fall and Christmas Pot Plant list. Red Boy is probably the dwarfest of them all. Its small round red berries show color much earlier than any others...................................................................
Special Florist's Mixed. Many new interesting small fruited varieties.
Highly attractive plants................................................................................ $\mathbf{5 0}$
$\mathbf{1 . 5 0}$
$\mathbf{5 . 0 0}$

## CHRYSANTHEMUM

9500 S. Annual Chrysanthemums are some of the most profitable Annuals, easy to grow. They bloom continuously. Make good cutting material outdoors from June through September.
Rainbow Mixture. (Carinatum). Cheerful blend, including many new shades and color combinations,
2 ft . high with large $21 / 2$-in. flowers. Tr. Pkt..............25c $1 / 4$ oz.............. 50 c 1 oz.............. $\$ 1.75$ LARGE FLOWERED DOUBLE CHRYSANTHEMUMS FROM SEED.

Japonicum. A mixture of different colors and shapes, such as Large Mums, Pompons, Anemones and Spider types for greenhouse cut flower use. Sow the seeds in March or April, care must be exercised not to wash the very small seeds away; they will germinate easily; come to bloom the following fall and winter without much difficulty. Very interesting to grow them from seeds; outstanding novelties and prize winners may be picked up that way. Tr. Pkt. (100 seeds).
. $\$ 1.50$
3 pkts.
. $\$ 4.25$

## CINERARIAS



Cinereria grandiflora nana

Grandiflora Nana (dwarf). 3500 s. per $1 / 32 \mathrm{oz}$.
This large flowering, compact type received many medals at European flower shows during the last few years. Especially free flowering, and when sown from early August to October, blooming plants can be had from February to Mother's Day.

Blood Red $\quad$\begin{tabular}{l}
Cornflower-blue

$\quad$

Copper Scarlet <br>
Dark Rose <br>
Marine-blue
\end{tabular}

Red with eye $\quad$ Blue with eye

Finest Mixed. Complete mixture of solid and whiteeyed flowers.
Tr. Pkt., \$1.25; 1/64 oz., \$2.50; 1/32 oz., \$4.50
Dwarf Erfurt Mixture. 4500 s. per $1 / 32$ oz. 8 inches tall and large dense heads of medium-sized flowers in a brilliant color range. Very uniform and compact plants.
Tr. Pkt.................
\$1.25
1/64 oz.
\$2.20
1/32 oz............... $\$ 4.00$
1/16 oz.
.\$7.25

Cremer's Prize Strain. 6000 s. per $1 / 32$ oz. Extra large heads of medium small flowers, about half light-eyed. Small foliage.

Festival. Small-leaved. Bushy and compact plants with medium-sized, mostly white-eyed flowers in a brilliant color range.

Siter's Rainbow Strain. 3500 s . per $1 / 32 \mathrm{oz}$. Immense heads of medium large, bright eyed flowers; early blooming. Small-leaved.
Tr. Pkt.
$\$ 1.25 \quad 1 / 64 \mathrm{oz}$
.............. $\$ 2.20$
1/32 oz.
\$4.00
1/16 oz.
\$7.25

Gigantea Nana. 4500 s. per $1 / 32$ oz. Immense flowers, 5 to 7 inches across; very early flowering type; weeks ahead of other Cinerarias.
Tr. Pkt......................- $\$ 1.50 \quad 1 / 64$ oz..........................-\$3.25 $1 / 32$ oz.......................... $\$ 6.00$
Multiflora Nana Mixed. 6000 s. per $1 / 32$ oz. Remarkable class of dwarf, compact habit. Innumerable medium small flowers, rich variety of colors, many with Gold Centers.

No. 1 Mixture. Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions.

No. 2 Mixture. Contains equal parts of the above Cinerarias, except Dwarf Erfurt and Gigantea Nana Strains. Tr. Pkt.................. $\$ 1.251 / 64$ oz................... $\$ 2.00 \quad 1 / 32$ oz....................... $\$ 3.75$

## CLARKIA-Elegans Double

Mixture. 90,000 S. A fine blend of colors. Very popular for cutting, both in and outdoors. For indoors sow in January, grow in flats, don't feed and water sparingly until plants are about 1 ft . high. Tr. Pkt $\qquad$ .20c
$1 / 4 \mathrm{oz}$.
$35 \mathrm{c} \quad 1 \mathrm{oz}$.
\$1.10

## CLEOME (Spider Plant)

Golden Sparkler. 5500 S. An unusual bright golden orange Cleome color. Germinate cool or sow directly outside. Tr. Pkt................40c $41 / 4 \quad$ oz................. $\$ 1.00 \quad 1 \quad$ oz................. $\$ 3.75$

Pink Queen. 12,500 S. Huge heads of delightful and refreshing pink. Makes a wonderful hedgelike row about 4 ft , tall and $3-4 \mathrm{ft}$. across. Tr. Pkt.........25c $1 / 4 \mathrm{oz} . . . . . . . .45 \mathrm{c} \quad 1 \mathrm{cz}$......... $\$ 1.50$

## COBAEA SCANDENS (Cup and Saucer Vine)

Purple. 375 S. Very popular rapid growing climber. Tr. Pkt........30c 1/4 oz.......50c 1 oz........ $\$ 1.70$

## COLEUS

$100,000 \mathrm{~S}$. Excellent for combination boxes, pots and bedding in complete or partial shade. We can recommend both the separate and mixed colors to the most critical trade.
DONDO STRAIN. Received many medals at German Flower Shows. Finest strain of Coleus obtainable from seed.

Glowing Red Shades Copper Shades Dondo Prize Mixture
Prices above 3, each: Tr. Pkt....... $\$ 1.25$ l/64 oz........ $\$ 2.50 \quad 1 / 32$ oz....... $\$ 4.50 \quad 1 / 16$ oz....... $\$ 8.50$

## RAINBOW STRAIN

Candidum. Brilliant green and soft ivory. Pink Rainbow. Rich coral-pink

Creamy White, Edged Green. Semi-dwarf.
Crimson Shade. Semi-dwarf.
Old Gold, Edged Green. Semi-dwarf.
Pastel Rainbow. Salmon pink changing to light bronze and darkens as plant ages.

Red Shades. Semi-dwarf. Rose, Edged Green. Extra dwarf and bushy Rose Shades. Semi-dwarf. Striped Leaved. Semi-dwarf. Velvet Rainbow. Brilliant blood-red. \$2.00 1/32 oz....... $\$ 3.75 \quad 1 / 16$ oz...... $\$ 7.00$
Each of the above: Tr. Pkt...... $\$ 1.00$ Ruperfine Rainbow Mixture. Extra selected formula blend.


LARGE FANCY LEAVED TYPE. An excellent strain unequalled for its coloring of the beautifully
formed large leaves.
Red Shades, Dark Edged Soft Green Gold Dust Scarlet Shades
Each of the above: Tr. Pkt.................. $\$ 1.25 \quad 1 / 64$ oz.................. $\$ 2.25 \quad 1 / 32$ oz................. $\$ 4.00$
Large Fancy Leaved Mixed. A selected formula blend. Tr. Pkt........ \$1.00 1/64 oz......... \$1.50


CONVOLVULUS (Morning Glory) 1400 S.
Royal Marine. Very compact, 6 inches, almost carpet-like in growth with rich, royal blue flowers Verv free blooming, excellent for rock gardens and borders.
Tr. Pkt....................................30c 1/4 oz.................................. 60c
0c $\quad 1$ oz.
\$2.25

## CORAL FLOWER

Many slender 30 -inch stems bear little five-pointed stars of luminous rosy pink, these in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral bells, which are more attractive than the flowers. Fine for bouquets as a filler.

Tr. Pkt. $\qquad$ 1/16 oz.
65c
1/8 oz.
$\$ 1.20$

## CORN, ORNAMENTAL

Japonica Multicolor. "Rainbow". Multi-colored kernels, for fall decorations,
$\qquad$
Japonica "Amero". (Calico or Indian Squaw). Large ears with multi-colored kernels of white, blue, red, yellow, pink and striped.
1 oz..................................25c
4 oz.
75c
1 lb.
\$2.50

Gracillima var. minima. "Strawberry Corn". While this is really a "Pop Corn", it's charm is in its attractive effect of the tiny ears which are only 2 in . long and $1^{1 / 2} \mathrm{in}$. wide of a rich mahagony color resembling a large Strawberry. Kernels ore enclosed in straw-colored husks which may be folded back showing the ear. Beautiful for fall floral arrangements.
1 oz .
40c
4 oz................................. $\$ 1.25$
$\$ 4.00$

Gracillima fol. variegatis. "Striped". Nice ornamental corn with attractive variegated foliage. Clear yellow stripes on dark green leaves.


## COSMOS

SENSATION. 5000 S . Large ( 4 to 6 in .) flowers. The most satisfactory very early giant flowered type for cut flower purposes.
type for cut flower purposes. Dazzler, crimson Radiance, deep rose with crimson zone
Pinkie

Extra Early Sensation Mixed. Will bloom fully two weeks before the regular variety. Giant

EXTRA EARLY DOUBLE CRESTED.
Choice Mixture. 3 ft . Produces about $60 \%$ large crested flowers.




## CROSSANDRA

A valuable pot plant with large orange-salmon flowers and glossy Gardenia-like foliage. Germinates best at from 70 to 80 degrees, it will take from 3 to 7 weeks for the seed to sprout. Do not shade the seed flat; artificial light is recommended for germination. Needs rich, well drained soil and in a warm house will flower in 7 to 8 months.
50 seeds.......... $\$ 1.75 \quad 100$ seeds.......... $\$ 3.25 \quad 200$ seeds.......... $\$ 5.75 \quad 500$ seeds......... $\$ 13.00$

## CUPHEA

7000 S. Very colorful bedding plants; easily grown.
Firefly. Small, bright scarlet flowers are freely produced on bushy, compact plants about 12 inches in height. Tr. Pkt...............25c $1 / 8$ oz...............65c $1 / 4$ oz............... $\$ 1.25 \quad 1$ oz............... $\$ 4.00$



## CYCLAMEN

Our Cyclamen seed is imported from Germany; grown by leading Specialists, such as "BINNEWIES" and others.


## 250 OF A VARIETY AT 1,000 RATE

SPECIAL QUOTATICN ON LARGER QUANTITIES ON REQUEST
CYNOGLOSSUM (Chinese Forget-Me-Not)
Firmament. 5000 S. A dwarf, 15-18 in. tall, Chinese Forget-Me-Not. Rich, clear blue flowers are


## CYPERUS (Umbrella Plant)

Alternifolius. 200,000 S. Tr. Pkt.....................35c $1 / 8$ oz.......................65c $1 / 4 \quad$ oz........................ $\$ 1.25$

## DAHLBORG DAISY

$150,000 \mathrm{~S}$. An ideal, compact edging plant with airy, lace-like leaves and yellow flowers. Plants reach a height of 6-8 in. and a spread of 12-14 inches. Blooms continuously throughout the season. Tr. Pkt.

50c
1/16 oz
80c
$1 / 8 \mathrm{oz}$.
$\$ 1.40$

## DAHLIA

3000 S. Readily grown from seed and tubers may be saved from the choicest specimens. Should be sown several weeks ahead of other annuals for maximum bloom the first year.
Unwin's Re-Selected Dwarf Hybrids. A greatly improved Unwin type very nearly All-Double. Uniform and early, blooms in about 80 days from seed. If sown during January these dwarf Dahlias will produce salable 3 and 4 -inch pot plants during May.
Tr. Pkt.................30c $1 / 4$ oz..................75c 1 oz.................. $\$ 2.50$ oz................... $\$ 7.50$
Coltness Hybrids. Dwarf and compact plants with single flowers.


Extra Double Cactus Flowered. $3-4 \mathrm{ft}$. Large, double and semi-double Cactus flowered blooms in many colors.
Tr. Pkt.................60c $1 / 8 \quad$ oz.................. $\$ 1.25 \quad 1 / 4$ oz.................. $\$ 2.50 \quad 1 \quad$ oz.................. $\$ 7.50$
Giant-Flowered Mixed. Extremely large flowered mixture of decorative varieties in a wide color range, $4-5 \mathrm{ft}$. tall, producing about $50 \%$ doubles.
Tr. Pkt................60c 1/8 oz................... $\$ 1.25 \quad 1 / 4 \quad$ oz................... $\$ 2.50 \quad 1$ oz................... $\$ 7.50$
Pompon or Lilliput Mixed. 3 ft . Medium to small ball-shaped flowers in a wide color range on rather compact plants.


## DAISIES

Blue Daisy. See Agathea. Dahlborg Daisy. Page 18. Tahoka Daisy. Page 49. Gloriosa Daisy. Page 20.

## DATURA

Chlorantha Trumpet-In-Trumpet. 3 ft . Ruffled, double yellow blossoms

White Tower (D.suaveolens. D.arborea or Great White Angel Trumpet). Spectacular, fragrant, snowy trumpets up to a foot in length. $1 / 8$ oz...................75c $1 / 4 \mathrm{oz}$................. $\$ 1.40 \quad 1$ oz................... $\$ 4.50$
Wrighti (Angel's Trumpet). 3 ft . Immense trumpets of white, tinted orchid
 DIANTHUS
25,000 S. Showy and free flowering Annual Pinks for bedding and cutting.
Wee Willie (Annual Sweet William). Gay combinations of crimson, ruby, deep rose pink and white on self, zoned and edged flowers. Plants reach a height of from 4 to 6 inches; should be planted close together for good effect. An ideal plant for flat sales, blooming in 6 to 8 weeks after sowing and remains in bloom over a long season.
 Tr. Pkt. $1 / 4 \mathrm{oz}$. 1 oz.
Sweet Wivelsfield Double Mixed. 12 in . Semidouble or double flowers......... \$0.25 \$0.60 \$2.00
Sweet Wivelsfield Single Mixed. 12 in. most popular variety, brilliant, 15 . $30 \quad 1.00$

$\begin{array}{lllll}\text { Chinensis (China Pinks). Double finest mixed.................................................. } & .20 & .35 & 1.25 \\ \text { Gaity. Large, single beautifully fringed flowers in a wide range of lovely } & & 50 & 1.50\end{array}$ colors, most attractive strain.
Gaity Double. (Double Carnation Shades). Fully double form of the above, The brilliant color range includes many of the rich salmon and $30 \quad .60 \quad 2.00$ red shades.
Heddensis Westwood Beauty. (Tetraploid). Single flowers in shades of red $\mathbf{.} 30$. $60 \quad 2.00$ More resistant to heat.
Heddensis Finest Mixed (Tetraploid). 16 in . Large, 2 -in. well-formed flowers. More resistant to heat than either of its parents, the Chinensis and Heddewigi strains

## DIDISCUS

Coeruleus (Blue Lace Flower). 10,000 S. Small heads of light lavender flowers in sprays. For spring
 Lace Veil. Pure paper white form of the above. May be dyed any color. Tr. Pkt...........................30c $\quad 1 / 4$ oz..............................75c 1 oz................................ $\$ 2.50$

DIMORPHOTHECA Tr. Pkt. $1 / 4 \mathrm{oz} .1 \mathrm{oz}$.
CAPE MARIGOLD or AFRICAN DAISY. $10,000 \mathrm{~S}$.
Orange Glory. Deep clear orange, long stiff stems, blooms early, large flowers. 12 in........................................................................................
Glistening White. $6-8 \mathrm{in}$. Extremely large pure white flowers with black
eye, edqed violet, borne freely on low, spreading plants................. . . 35
Aurantiaca Hybrids Mixed. 6-10 in. Shades of orange, buff and yellow.. . 20
DRACAENA
Indivisa. 1500 S . In the hull. Narrow-leaved. $1 / 4$ oz.....20c 1 oz.....55c 4 oz..... $\$ 1.65 \mathrm{l}$ lb..... $\$ 5.50$
 Australis. 1200 S. Broader-leaved. $1 / 4$ oz.................25c 1 oz..................75c 4 cz . \$2.25

## DUSTY MILLER

Centaurea Candidissima. 7500 S. 6 in. Silvery-white finely cut foliage. The slow growing kind that must be started early........................................
 variety
Cineraria Maritima Diamond. 85,000 S. 10 in . Very white foliage, uniform compact growth. A fine Dusty Miller

Tr. Pkt. 1/4 oz. 1 oz.

## EUPHORBIA

Heterophylla (Annual Poinsettia or Mexican Fire Plant) 5000 S. 36 in.
Makes small Poinsettia-like formations at tip of branches..................... $\mathbf{\$ 0 . 2 5}$ $\mathbf{\$ 0 . 4 5} \quad \$ 1.50$
Variegata (Snow-on-the-Mountain). 2500 S .2 ft . Green leaves, white edged .25 . 90

## EXACUM

Affine. 7500 s . per $1 / 128 \mathrm{oz}$. Fine greenhouse pot plants with fragrant light blue flowers, blooms within 6 months from sowing.

Affine Dark Blue. Same as above with dark blue flowers. Tr. Pkt.......................-\$1.25 1/128 oz.........................-. $\$ 2.25 \quad 1 / 64 \quad$ oz..........................-. $\$ 4.00$

## FERN SPORES

Use a screened mixture of garden loam and humus (rotted leaf-mold, peat) with sand added. Expose the little soil you need for a few pans or bulb-dishes underneath the grate or a c'ean bed of hot coals in your boiler for 15 minutes or so to kill all weeds. Thoroughly soak the filled pans, dust the spores on the surface and cover the pans with glass to keep from direct sunlight. At all times keep the surface moist and maintain as near 65 degrees as possible. Use water that has been sterilized by boiling.
Greenhouse Blend. Rare and beautiful species for pot culture. Tr. Pkt
\$0.75
Hardy Blend. Wide range of desirable winter-hardy species. Tr. Pkt.
.75

## FREESIA

3000 S . Sow seeds in early spring and lift the bulbs by the middle of September. These will bloom in January with large flowers on strong and long stems.
Super Giants Mixed. Remarkably fine color range. Imported from one of the finest Freesia breeders
and is far superior to all others. Tr. Pkt.............. $\$ 1.00$ 1/8 oz............. $\$ 2.00 \quad 1 / 4 \mathrm{oz} \ldots . . . . . . . . .$.

## FUCHSIA

Superb Mixture. A special strain produced from crosses between plants having American Fuchsia


## GAILLARDIA

PICTA. 15,000 S. Popular, brightly colored plants for beds and borders.
Lorenziana Double Choice Mixed. 2 ft . Double, globe-like heads in a mixture of orange, yellow, red and rose shades. Tr. Pkt................20c $1 / 4 \mathrm{oz} . \ldots . . . . . . . . . . . . . . .30 c \quad 1$ oz................... $\$ 1.00$
Sunshine Double Mixture. 2 ft . Large globe-like heads with colors of pure yellow, pure orange and pure red, with combinations of these three colors in varying degrees. Tr. Pkt...........................25c 1/4 oz..............................50c 1 oz............................. $\$ 1.75$
Indian Chief. 12-15 in. Single, brilliant coppery scarlet flowers on dense bushy plants. Tr. Pkt............................20c $1 / 4$ oz................................30c 1 oz......................................... 10
Tetra Red Giant. 2 ft . Huge, blood-red single flowers are freely produced on long-stemmed vigorous, bushy plants. Tr. Pkt...............25c 1/4 oz................35c 1 oz............... $\$ 1.25$
Tetra Fiesta. Large, double flowers of a brilliant smoky red-tipped yellow. Long stems. Tr. Pkt...........................30c 1/4 oz...............................75c 1 oz................................ $\$ 2.50$

## GERBERA (Transvaal Daisy)

Duplex Hybrids. A brand new exclusive strain, what we believe to be the finest color range obtainable from seed. Long solid stems topped by large yet graceful blooms in varied brilliant and unusual colors, heretofore rarely obtainable even from plant stock. Five inch blooms, many are duplexed.
100 seeds.................-65c 250 seeds....................-- $\$ 1.50 \quad 1000$ seeds......................- $\$ 5.00$

## GESNERIA

Texa. Valuable pot plant with Gloxinia-like leaves. The slender, tubular flowers are of a warm orange fiery red and are carried on an upright center stem. Should be sown from January to March for late fall and winter blooming. Keep shaded during the summer months. Tr. Pkt. $\qquad$ 1/128 oz.
\$3.50

## GILIA

Capitata (Blue Thimble Flower). 30 in . Rich, sky blue, thimble-shaped double flowers about one inch across. Tr. Pkt.

25c
40c
1 oz .
$\$ 1.50$

## GLOXINIAS

25,000 s. per $1 / 32$ oz. 5 -inch blooming plants for May and June sales can be produced from $a$ November/December sowing. Culture, like Tuberous Rooted Begonias. They should be carried along at a temperature of about 65 degrees during the winter months.

|  | Tr. Pkt. | $1 / 128$ oz. | 1/64 oz. |
| :---: | :---: | :---: | :---: |
| Emperor Frederick. Dark scarlet, white border. | \$1.25 | \$2.00 | \$3.75 |
| Emperor William. Dark violet, bordered white. | 1.25 | 2.00 | 3.75 |
| Frederick Benary. Giant size, brilliant scarlet flowers with a white throa | t. 1.25 | 2.50 |  |
| King of the Giants. Largest frilled flowers of a deep velvety crimson... | 1.50 | 3.00 |  |
| Tigrina. Spotted and tigered, many attractive designs. | 1.25 | 2.00 | 3.75 |
| Gigantea Choice Mixed. Famous class of grand size and rich colors. | 1.25 | 2.25 | 4.25 |

MULTIFLORA: This class produces large, slightly waved flowers with flexible leaves easy to wrap and ship. Blooms abundantly.
Defiance. The Scarlet Gloxinia. Tr. Pkt........ $\$ 1.25 \quad 1 / 128$ oz.......... $\$ 2.25 \quad 1 / 64$ oz......... $\$ 4.25$
Scarlet Ball. Large scarlet red flowers, relatively small flexible leaves. By careful cultivation plants are in full bloom after 5 months from seed with 25 open flowers on an average and just as many buds. An absolutely sure and even growing variety for the grower of

Switzerland. Deep scarlet, white edged, waved and slightly fringed petals. Tr. Pkt................................................ $\$ 1.50 \quad 1 / 128$ oz
$\$ 3.00$
Multiflora Choice Mixed. Brilliant range of colors, solid and others with white throats and


## GLORIOSA DAISY

Mixed. Annual tetraploid Rudbeckia. Best easy-to-grow Daisy. Long-stemmed blooms up to 7 inches across from early summer to late fall on plants 3 ft . tall. $1 / 32$ oz.......75c $1 / 16$ oz........ $\$ 1.25 \quad 1 / 8 \quad$ oz........ $\$ 2.25 \quad 1 / 4 \quad$ oz......... $\$ 4.00 \quad 1 \quad$ oz........ $\$ 13.50$

## GODETIA

$50,000 \mathrm{~S}$. Grow in shallow benches or flats just like Clarkia in the green house. Outdoors they thrive best in a cool moist location.

$$
\text { Tr. Pkt. } \quad 1 / 4 \mathrm{oz} . \quad 1 \mathrm{oz} .
$$


GOMPHRENA (Globe Amaranth)
( 6000 S. per oz.)
 Orange. 2 ft . Tr. Pkt.........................15c $1 / 4$ oz..........................25c 1 oz........................... 85c
*Buddy. The true dwarf and compact strain with small ball-shaped flowers of bright reddish purple. Excellent for bedding, pot plants or combination boxes.
*Cissy. A new dwarf companion to "Buddy" with clean, pure white flowers. Planted as twin rows for edging or border these two dwarf Gomphrenas have the sterling qualities of carefree culture, they stay dwarf and compact and stand any amount of hot weather.
*Dot 'n Dash. Formula blend of the above Buddy and Cissy. An attractive purple and white combination for edging.
Each of the above: Tr. Pkt.....................30c $1 / 4$ Oz...............................60c 1 oz..................... $\$ 2.00$

| GOURDS, ORNAMENTAL | Tr. Pkt. | 1 oz . | 4 oz. |
| :---: | :---: | :---: | :---: |
| Aurantiformis-Orange Gourd. Color and shape of an ora | \$0.20 | \$0.75 | \$2.50 |
| Cochleariformis-Spoon Gourd. Spoon-shaped. | 20 | . 75 | 2.50 |
| Maliformis Striata-Striped Apple Gourd......... | . 20 | . 75 | 2.50 |
| Miniature-Small varieties of many types. | . 20 | . 75 | 2.50 |
| Oviformis-Egg Gourd. Shape of an egg. | . 20 | . 75 | 2.50 |
| Pyriformis-Pear-shaped Gourd. | . 20 | 75 | 2.50 2.50 |
| Verrucosa-Warted types mixed.....................................................................- | . 20 | . 75 | 2.50 |
| *Aladdin. Small Turk's Cap. Bright red and orange with yellow and dark green stripes, odd and very interesting. | . 50 | 1.90 |  |
| LARGE FRUITED VARIETIES: 150 S . |  |  |  |
| Dolphin. Knobby, club-shaped, green. | . 20 | . 75 | 2.50 |
| Hercules Club. Fruit grows 3 to 4 ft . long. | . 20 | . 75 | 2.50 |
| Thermos Bottle Large fruits. | . 20 | . 75 | 2.50 |
| Little Bottle. Smaller fruits. | . 20 | . 75 | 2.50 |
| Large Fruited Varieties. All kinds | . 20 | . 75 | 2.50 |
| GRASSES, ORNAMENTAL | Tr. Pkt. | $1 / 4 \mathrm{oz}$. | 1 oz . |
| Eulalia Japonica. Hardy, 6 ft. high | \$0.20 | \$0.40 | \$1.35 |
| Eulalia Japonica Zebrina. Hardy Zebra Grass, brcwnish-velvet flower-panicles | s . 25 | . 45 | 1.50 |
| Pennisetum Rueppelianum. (Fountain Grass). Fine for Canna borders, long graceful purple sprays. | . ${ }^{\text {. }} 30$ | . 60 | 2.00 |
| Pennisetum Longistylum. (Villosum). White plum | . 30 | . 60 | 2.00 |

## GREVILLEA

Robusta (Australian Silk Oak). Fine fern-like foliage plant for combination pots and baskets, also 5 -in. pot specimens for fall and winter, especially good with Poinsettias instead of Asparagus. Sow in early spring. 3000 seeds per oz.
Tr. Pkt.
35 c
$1 / 4$ oz.
$\$ 1.00$
\$3.75
4 oz. $\qquad$ . $\$ 12.00$

## GYPSOPHILA

(20,000 seeds per oz.)
Tr. Pkt. 1 oz .
New York Market. Largest flowered, pure white. Developed by a California seed grower, with especial emphasis placed on large and extra petaled flowers.

|  |  | \$0.15 | \$0.30 |
| :---: | :---: | :---: | :---: |
| Paris Market. Smaller flowered than the above. Holds up well. <br> $1 / 4 \mathrm{lb}$. <br> b............................. <br> 85c <br> 1 lb . <br> \$2.75 |  | . 15 | . 30 |
| HEARTS and HONEY VINE | Tr. Pkt. | 1/4 Oz. | 1 oz . |

Ipomoea Quamoclit Hybrida. 900 S . Easiest to grow of all annual climbing vines, blooms within 7 weeks from seed. Foliage is deeply cut like the leave of a Fern and the 2 inch flower is projected from long narrow 2 inch tubes. Flowers open a brilliant orange with a honey-like yellow. Toward noon it changes to a pinkish-red with light center and in late afternoon to a sparkling pure rose-pink with a creamy white center........\$0.25 $\mathbf{\$ 0 . 5 0}$

## HELIANTHUS (Sunflower)

Sungold. $650 \mathrm{~S} .4-5 \mathrm{ft}$. Large, full double, golden yellow Chrysanthemum-like flowers. Sow outdoors

Yellow Pigmy. 2 ft . Compact, dwarf free flowering plants with medium-sized, full double golden yellow flowers. $1 / 4$ oz.........................25c 1 oz.........................85c 40 oz......................... $\$ 2.70$

## HELICHRYSUM (Strawflower)

Mixture. 40,000 S. Attractive shades, full double flowers. Tr. Pkt..... 20c $\quad 1 / 4 \mathrm{oz} . \ldots . .35 \mathrm{c} \quad 1 \mathrm{oz} . \ldots . . \$ 1.25$

## HELIOTROPE

$50,000 \mathrm{~S}$. Will bloom from seed in $4-5$ months. Need heat and rich soil.
Marine. Giant umbels of deep violet-blue, rich dark foliage.


NEW ANNUAL DOUBLE: 2000 S . This easily grown annual reaches 3 ft , in height, with several laterals from the base, each carrying large, double blooms averaging 4 in. in diameter. Blooms from May to September and can be sown direct or transplanted. Does not have the ugly straggling habit of the old biennial Hollyhocks.
Crimson Salmon Rose Scarlet White Yellow Mixture. Blend of above colors.
Each of the above: Tr. Pkt......................40c $1 / 4$ oz....................... 80c 1 oz....................... $\$ 3.00$
Indian Spring. $4-5 \mathrm{ft}$. Blooms in 5 months from seed. Semi-double flowers in light pink to crimson rose shades. Tr. Pkt........................20c 1/4 oz.........................35c 1 oz......................... $\$ 1.25$
Triumph Supreme. Very early blooming. Frilled graceful double blooms in a very pleasing color range. Tr. Pkt..........................30c $1 / 4$ oz.............................50c 1 oz............................. $\$ 1.80$

## HUNNEMANNIA (Bush Escholtzia)

Sunlite. 7500 S. 24 in. Semi-double, canary-yellow. Tr. Pkt........25c $1 / 4$ oz........45c 1 oz....... $\$ 1.40$

## IMPATIENS

SULTANAS. 30,000 S. Bloom continuously from mid-summer until frost. Most valuable bedding plants for shady places. As a pot plant they bloom the year round.
$F_{1}$ Hybrids "ZUERICH GIANTS". (New). Uniformity of growth, habit and color of flower combined with extremely vigorous growth are the main characteristics of these $F_{1}$ Hybrids in Impatiens. Compared with the straight varieties, Originator claims that these $F_{1}$ Hybrids are continuously in bloom, have larger flowers, even in rainy weather or fluctuating temperature the flowers will not drop. Do not pinch the plants, they branch out by themselves.
Blood Red Orange Red Orient Red. A shade deeper than Orange Red. Deep Rose Porcelain-Rose. White with a pinkish overcast,
Zuerich Giants Formula Blend. A mixture of above colors.
Originator's Packets, Each: Tr. Pkt., \$1.25; 1/128 oz., \$2.25; 1/64 oz., \$4.25; $1 / 32 \mathrm{oz} ., \$ 8.00$
Dondo Scarlet. (Originator's seed). Not an $\mathrm{F}_{1}$ Hybrid but can be classed with the above varieties for its very compact and uniform growth habit. Large, dark velvety-red flowers cover the dark foliage throughout the whole summer. As a pot plant "Dondo Scarlet" will flower all the year round in great profusion. Originator's trade packets.................. $\$ 1.50$ for................. $\$ 4.00$
*White Symphony. (New), Large, pure white flowers on compact, bushy plants, 10 inches in height and spreading to a width of about 18 inches.
Tr. Pkt.......................... $\$ 1.25 \quad 1 / 128$ oz........................... $\$ 2.50 \quad 1 / 64$ oz............................ $\$ 4.50$
*Orange Baby. 6 in. An extra dwarf, very uniform and flat variety with a spread of about 18 inches. An outstanding bright shade of orange scarlet. Tr. Pkt............. $\$ 1.25 \quad 1 / 64$ oz............. $\$ 2.50 \quad 1 / 32$ oz............. $\$ 4.25 \quad 1 / 16$ oz............. $\$ 7.50$
*Scarlet Baby. 5 in . A bright scarlet counterpart of Orange Baby with bronze green leaves and dark stems. Tr. Pkt.......... $\$ 1.25 \quad 1 / 64$ oz......... $\$ 2.50 \quad 1 / 32 \mathrm{oz} . . . . . . . . . \$ 4.25 \quad 1 / 16 \quad$ oz......... $\$ 7.50$

Beauty of Klettgau. Orange scarlet,
Liegnitzia. Deep vermillion red.
Salmon Rose.

Dwarf Varieties Choice Mixed.

Tall Varieties Mixed. Shades of lilac, rose, salmon and scarlet.
 IPOMOEA-MOON FLOWER or MORNING GLORY
Candy Pink. Sparkling bright rose-pink flowers. Most unusual color in Morning Glories. Continues flowering throughout the summer.
Tr. Pkt............... 20c 1/4 oz................35c 1 oz................ $\$ 1.30$ 4 oz................. $\$ 4.00$

## IPOMOEA (Morning Glory and Moonflower)-(Continued)

Clarke's Early Flowering Heavenly Blue. Bright blue, shading light toward center. Most popular

Darling. Striking wine-red with snow white throat. Tr. Pkt...........................20c 1 oz............................... 75 c c 4 oz................................. $\$ 2.25$
Pearly Gates. 750 S. Large, pure white flowers. 1 oz............... $\$ 1.00 \quad 4$ oz................ $\$ 3.00$

Scarlet O'Hara. Improved climbing strain. Deep wine-red. Tr. Pkt...............20c 1/4 oz................35c 1 oz................ $\$ 1.10$ 4 oz................ $\$ 3.25$
NOCTIFLORA-White Moonflower. 110 S. Night blooming, white seeded.

QUAMOCLIT-Cardinal Climber. 1000 S. Brilliant cardinal-red flowers. To hasten germination file or cut notch in seed. Tr. Pkt.

20c
1/4 oz...............................35c
l oz...
\$1.10

## JACARANDA

Mimosaefolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers. Valuable in the north for conservatory decorations or subtropical bedding, 40 in .


## KALANCHOE

(7000 s. per $1 / 128$ oz.)
Globulifera Coccinea. (Blossfeldiana). Very choice pot plant of stronger growth than other varieties. Shining scarlet flowers. Tr. Pkt.............60c $1 / 128$ oz.............. $\$ 2.00$ 1/64 oz............... $\$ 3.50$
Ernst Thiede. Very dwarf, compact growth and free flowering. A glowing red. Tr. Pkt.......... $\$ 1.00 \quad 1 / 128$ oz.............. $\$ 2.00 \quad 1 / 64 \mathrm{oz}, \ldots \ldots \ldots . . .$.
Tom Thumb. Dwarf, compact, free-branching rounded plants. Extremely free-flowering with bright scarlet blooms. Tr. Pkt....... $\$ 1.00 \quad 1 / 128$ oz....... $\$ 2.25 \quad 1 / 64 \quad$ oz........ $\$ 4.00 \quad 1 / 32$ oz........ $\$ 7.50$
Tom Thumb "Fireball". A compact flaming Kitty, growing quite even, about 8 inches high. Large, scarlet blossoms appear untiringly on this fine new bot plant.

*Volcano. (Vulkan). New; an improvement over Tom Thumb. Same habit of growth but with larger flowers of a glowing deep red color that does not lose its intensity with age.
Tr. Pkt.... \$1.50 1/256 oz..... \$3.50 l/128 oz.....\$6.75 $1 / 64$ oz...... \$12.75 $1 / 32$ oz..... $\$ 2500$
*Yellow Darling. (Gelber Liebling). Bright lemon-yellow flowers; shining green leaves, compact plants, about 7 inches high; similar in habit to Ernst Thiede. $1 / 2 \mathrm{Tr}$. Pkt. ( 500 seeds).
$\$ 1.30$
Tr. Pkt. (1000 seeds).
$\$ 2.50$
KALE-Flowering - see "Ornamentals" (page 28)

## KOCHIA (Burning Bush, Summer Cypress)

Childsii. $31,000 \mathrm{~S} .24 \mathrm{in}$. Neat compact plants with bright green needle-like foliage resembling a clipped evergreen hedge. Tr. Pkt..................15c 1 oz..................45c 4 oz.................. $\$ 1.50$

## LANTANA

Dwarf Hybrids Mixed. 1 ft .1300 S . Sow early with bottom heat.
Tr. Pkt................................25c
1/4 oz..
1 oz.
\$2.50

## LARKSPUR

8500 S. Sow outdoors in late fall or in early spring as soon as the ground can be worked, 2 lbs . seed will sow an acre, 1 oz . a row $600-700 \mathrm{ft}$. Sowings made in January will be ready in May under glass.
SUPREME LARKSPURS. (New Improved Giant Imperials). The ideal cutflower strain. Plants are base branching, grow very tall with a magnificent long and heavy main spike closely packed with fully double, broad petaled Delphinium-like florets. Colors are not just slight variations from existing varieties, but are new tones, absolutely distinct and different.

Dark Blue Supreme. Rich violet purple
Lilac Supreme. Clear lilac
Pink Supreme. Rose pink
Light Blue. Outstanding light blue
Tr. Pkt..........30c $1 / 2$ oz...........75c

> Rose Supreme. Clear deep rose
> Salmon Supreme. True salmon
> White Supreme. Pure snow-white
> Formula Mixture of above colors
$1 \mathrm{oz} . . . . . . . . . . \quad \$ 1.50 \quad 1 / 4 \mathrm{lb} . . . . . . . . . \quad \$ 4.50 \quad 1 \mathrm{lb}$.
$\$ 15.00$
REGAL STRAIN. Bodger's, the originators of this strain, describe them as the finest florist's Larkspur on the market to-day, both for indoor and outdoor growing. This strain produces tremendously long spikes of huge, well spaced Delphinium-like florets. Vigorous and early.
Brilliant Rose. Strong, deep rose.
Dark Blue. Deep violet blue
Deep Carmine. Rich carmine-scarlet
Light Blue. The finest mid-blue
Lilac. Pure clear lilac
Regal Formula Mixture.

GIANT IMPERIAL. Mixed. For Florists' and general use. The tall spikes of double flowers are carried


Pink. Brilliant pink on salmon
Rose. Rich Florists' rose
Salmon Rose. Rich color
White. Pure white

## LINARIA

MAROCCANA (Baby Snapdragons). 428,000 S.
Fairy Bouquet. 8-10 in. Free flowering border plants in many distinct colors. Blooms early.
Tr. Pkt............................25c $1 / 4 \mathrm{oz}$..............................40c 1 oz................................ $\$ 1.50$
Northern Lights. 15 in . Very bright mixture of desirable colors. Grows a little taller than


## LOBELIA

COMPACTA. 6 in. $725,000 \mathrm{~S}$.
*Rosamond. Deep carmine-red with white eye. Habit of growth same as Crystal Palace Compacter
Tr. Pkt..........30c $1 / 16$ oz..........50c $1 / 8$ oz......... 85c $1 / 4$ oz.......... $\$ 1.50 \quad 1$ oz.......... $\$ 5.0$ R
Biue Gown. Very fine free flowering deep blue, without eye.
Blue Stone Improved. (Blauer Edelstein). Large, mid-blue flowers without eye.
Cambridge Blue. Light blue with green foliage; very dwart.
Crystal Palace Compacta. Very dwarf, deep blue flowers, dark foliage.
Emperor William. Gentian-blue, light green foliage, dwarf.
Mrs. Clibran Improved. Deep blue with white eye and light foliage.
Pumila Splendens (Bedding Queen). Dark navy-blue with white eye.
White Lady. Dwarf, large flowered, clear glistening white.
Prices above 8, each: Tr. Pkt.........25c 1/8 oz..........50c 1/4 oz.......... $\$ 1.00 \quad 1$ oz.......... $\mathbf{\$ 3 . 7 5}$
PENDULA. Of trailing habit. For hanging baskets.
Sapphire. Deep blue with white eye.
Tr. Pkt..................30c
1/8 oz..................50c
1/4 oz..
$\$ 1.00 \quad 1 \mathrm{oz}$.
1 oz................... $\$ 3.75$
LOVE APPLE (Solanum) Tr. Pkt. $1 / 4 \mathrm{oz} .107$

Orange Love Apple. Showy, decorative annual that bears quantities of brilliant orange-red fruits. These are effective when cut. They may be dried for winter decoration....................................................................................-. $0 . .-35$
$\$ 1.25$
$\$ 4.00$
Scarlet Love Apple. Same as above, except plants bear fruits of brightest scarlei $\qquad$

## LUPINUS (Lupine)

Hartwegi Giants or King Lupins. (About 1300 seeds per oz.) Longer stemmed and earlier flowering than the regular strain, reaching a height of 3 or 4 ft . Sow 3 or 4 seeds in a 3 or 4 in . pot, keep in cold frame until late October. Transplant into a ground bed and grow slowly in cool tem perature. Space 10-12 inches, water well after transplanting and then keep on dry side unti? plants are established.


## MARIGOLD

## Tall African Varieties ( 9,500 s. per oz.)

$F_{1}$ Hybrid "Climax". Created by "Burpee's". The tall plants, $21 / 2$ to 3 ft . high, bear an abundance of large, full double flowers up to 5 inches across and nearly as deep, the satiny petals are deeply ruffled and frilled. Long, graceful cutting stems from mid-summer until frost. The most gorgeous African Marigolds.
Golden Climax Orange Climax Yellow Climax Climax Formula Mixture 

GIGANTEA. $31 / 2 \mathrm{ft}$. Huge, ruffled, tightly petalled Peony-Flowered blooms,

 $100 \%$ double flowers, measuring 4 to 5 in . across. Full Marigold color range, primrose, yellow, gold and orange.
. 60
2.25

Early Sunset Giants. Huge flowers from lemon to orange, blooms very early
.25
. 50
AFRICAN DOUBLE FISTULOSA. 3 ft . A reselected strain of the original
African type. The ball or globular shaped blooms are tight and formal.
Orange All Double. Produces nearly 100\% fully large double flowers....
.25 . $50 \quad 1.75$

Lemon All Double. A clear lemon-yellow, otherwise identical to the above.
.25

.50
1.75

CHRYSANTHEMUM FLOWERED. Compact flowers with petals tightly incurved, $21 / 2-3 \mathrm{in}$. or more across on plants $2-3 \mathrm{ft}$. high.
Fluffy Ruffles. Giant flowers of bright medium orange, with intensely ruffled florets, extra early flowering. Plants are semi-tall, 30 in. in height, with full length base branching stems.
*Glitters. Large, clear yellow, double chrysanthemum-flowered blooms, $3-4 \mathrm{in}$. across with fringed outer petals. An excellent variety, $21 / 2-5 \mathrm{ft}$. tall with long stems.

## CHRYSANTHEMUM FLOWERED MARIGOLD-(Continued)



NEAREST-to-WHITE. Burpee's latest selections of paler colors in their search for a white one. New hybrids are found in this mixture of Carnation, Chrysanthemum and Peony flowered types.

BURPEE RED and GOLD HYBRIDS. A hybrid between African and French types, comes into bloom in about 8 weeks from seed. Some flowers are solid red while others are combinations of red and gold. Later in the season they turn almost to a pure golden yellow and at other times to a

COLORADO SUNSHINE. (For forcing and outdoors). Luminous butter-yellow, Carnation type, double flowers, 3-4 in. across on long, strong stems. An August/September sowing at $60^{\circ}$ night temperature will make for December bloom, a January sowing for Memorial Day flowering. For December blooming, space $4 \times 6$, disbud to single stems and for the spring crop $12 \times 12$ and allow it to come naturally. It is also excellent for outdoor growing.

NEW HORIZONS. This new Tall African Marigold offers a beautiful array of colors and flower forms on sturdy plants about $21 / 2$ to 3 ft , tall, all early and free flowering. The fully double flowers are of different types such as ball, carnation, peony or loose-petalled and sponge-like, from deepest orange to bright yellow, also primrose and buff bicolors.


## DWARF AFRICAN VARIETIES - For Pots and Bedding

Tr. Pkt. $\quad 1 / 4 \mathrm{oz} . \quad 1 \mathrm{oz}$.
 with odorless foliage...............................................................1/8 oz........... 75 c
 odorless foliage .....................................................................1/8 oz..........75c
Cupid Orange. 6 in . A true strain of orange with odorless foliage. Color

Cupid Mixed. 6 in. Includes Cupid Yellow, Golden and Orange shades, $\begin{array}{lllllllllll}\text { makes a striking border of this Extra Dwarf strain.... } 1 / 8 & \text { oz.........65c } & \mathbf{0 5} & 1.15 & 4.25\end{array}$

# DWARF AFRICAN MARIGOLD - For Pots and Bedding - (Continued) 

Tr. Pkt. 1/4 oz. 1 oz .
Pot of Gold. Large $3^{11 / 2-4} \mathrm{in}$. deep golden orange flowers on 12-15 in. plants. Dwarf and compact, well branched, bearing a dozen or more of its large blooms at one time.
\$0.55
$\$ 2.00$
Little Giants Mixed. Compact little plants with short stems that only average a height of $12-15 \mathrm{in}$. Produces both Carnation and Fistulosa type flowers in shades from lemon to orange, will flower a head of a dozen and more blooms at one time.
.30
.55
2.00

Aurora. New Gaillardia flowered type. Deep golden yellow color, early blooming, 12 to 14 in . tall.
.30
.60
2.25

Kon Tiki. New Gaillardia flowered pale Primrose. Extremely early, 12 to 14 in . tall.
.30
.60
2.25

## DOUBLE DWARF FRENCH MARIGOLDS - For Pots and Bedding

PETITE. This 1958 All-America winner received world-wide recognition and acceptance. Distinctly different from any other class of Marigold, being especially bred to remain dwarf under conditions where most Marigolds tend to grow rangy and wild. Produces an abundance of very early blooms and continues flowering so that the foliage is scarcely visible. Grows about 6 inches tall and spreads to a width of 10 inches. Ideal for flat sales.

| Petite Gold | Petite Harmony | Petite Orange | Petite Yellow | Petite Mixed |
| :---: | :---: | :---: | :---: | :---: |
| Prices above 5, | ach: Tr. Pkt.........40c | 1/4 oz......... \$1.00 |  | 4 oz......... $\$ 12.00$ |

Spry. Extra dwarf, early and free flowering. Medium small flowers with a bright, clear ye'low crested center and contrasting mahogany-red guard petals.
Butterball Improved. Soft butter yellow tipped with brown. Much dwarfer habit than original.
Extra Dwarf Harmony. Bright orange crested center and velvety maroon guard petals.
Lemon Drop. Fully double, medium-sized canary yellow flowers on dwarf, compact plants. An improvement over Yellow Pigmy.
Sunkist. Deep golden orange flowers with crested centers and several rows of guard petals.
Yellow Pigmy. Double lemon yellow flowers, dwarf and free blooming.
Spry Hybrids. Beautiful Gem Mixture with delightful color combinations.
Prices on above 7 varieties.
Tr. Pkt.
25c
1/4 oz..
50c
1 oz.
\$1.75
4 oz..
\$5.50

Giant Spry. The bushy type plants are nearly twice the diameter but only slightly taller than the regular Spry, and the blooms are about double the size.
Tr. Pkt.................25c 1/4 oz..................-40c 1 oz.................. $\$ 1.35$ oz.................. $\$ 4.50$
Color Magic. It's the brightest and most interesting color mixture in Marigolds, from red to golden yellow to include many bicolor combinations of the red, bronze, orange and gold. Flowers are up to 2 in . or more in diameter and are of a distinct and fully double form. The ideal variety for edging or bedding purposes.
Tr. Pkt..
.30c
50c $\quad 1 \mathrm{oz}$.
\$1.75 4 oz.
$\$ 5.50$

Eldorado. A fine compact and uniform canary yellow about 10 in . high, excellent variety.
Tr. Pkt.
25c
$1 / 4 \mathrm{oz}$..
.50c
1 oz..
.. $\$ 1.75$
4 oz .
. $\$ 5.50$

Firetail. Large, double flowers, which have a base color of rich, golden orange with a dozen or so tongue-like reddish scarlet markings shooting up through the wax-like golden orange petals from the base of the bloom. Very early blooming.
Tr. Pkt.
25c
$1 / 2 \mathrm{oz}$.
45c
$\$ 1.50$
4 oz.
$\$ 5.00$

Parisian Hybrids. This distinctly new and sensational strain of fully double dwarf French Marigold is especially early and free flowering. The blooms are tightly packed and will average better than 2 in . across; they range from pale yellow to deepest coppery red. In pattern they vary from solid colors to every conceivable variation in blotched, striped and mottled flowers.

Tr. Pkt. 1/40z. 1 oz

Harmony. Deep orange center with maroon red outer petals........................... \$0.20 \$0.35 \$1.25
Golden Harmony. A luminous golden yellow "twin" to Harmony.................. . 25 . 40 1.50
Harmony Hybrids. A mixture which contains a wide and varied color range. Early $100 \%$ All Double.
.40
1.50

Melody. An excellent companion variety to 'Harmony'. Solid clear golden orange anemone type flowers.
. 20
.40
1.50

Royal Scot All-Double. Dwarf compact plants, 100\% fully double flowers striped gold and mahogany.
Rusty Red. Large, double, rusty red flowers on dwarf, vigorous and uniform plants
Scarlet Glow.....(H.M.A.A.S. '41). The brightest red of all Dwarf Double French Marigolds. Flowers open deep scarlet and as they age turn to a rich tangerine color. Ideal for beds, borders, edgings and pots.
"Tangerine. Rich orange scarlet companion to "Rusty Red"; they are a matched pair in every way.
$\begin{array}{lllllllllll}\text { Dwarf French Double Mixed. A very colorful mixture....... } 4 \text { oz........ } \$ 4.25 & .20 \quad .35 & 1.25\end{array}$

## MARIGOLD TAGETES (Signata Pumila)

Lulu. The first real yellow in the Tagetes type. $\AA$ very compact dome shaped, free flowering plant, growing about 7 inches tall with dainty, lacy foliage. Small, single 5 -petaled lemon yellow flowers. Tr. Pkt..........................35c $1 / 4$ oz............................70c 1 oz.............................. $\$ 2.50$
Ursula. Much the same plant habit as Lulu. Flowers are golden orange with a bright orange zone and eye. Tr. Pkt.......................35c 1/4 oz..........................70c 1 oz.........................-. $\$ 2.50$

## DWARF FRENCH SINGLE VARIETIES

Tr. Pkt. 1/4 oz. 1 oz.
Brownie. Rich mahogany red with a bright golden yellow crested center. A dwarf, bush-like plant growing about 10-12 in. high; blooms are about 2 in. in diameter..................................................................................................... $\$$
Flash. Plants are covered with flowers all summer. A tangerine color overlaid with rich marigold-red.
$.20 \quad .35 \quad 1.25$

Naughty Marietta. Golden yellow flowers attractively blotched maroon........ . 20 . 40 1.50
Red Head. Large 2 -in. crested flowers with broad overlapping, gracefully recurved petals - opening mahogany, changing to auburn and later to bronzy gold.
Sunny. Similar to Naughty Marietta, but with clear yellow flowers.................
. 25 . 45 1.65
*Dainty Marietta. Blooms of Dainty Marietta are much larger than one would expect to find on such a dwarf, compact plant. They are about 2 in . across and made up of from 5 to 6 overlapping petals of soft golden yellow with a maroon blotch at the base of each petal, somewhat on the order of the well known Naughty Marietta.
$.30 \quad .55 \quad 2.00$

Dwarf French Single Mixed. Blend of above varieties......... 4 oz........ $\$ 4.00 \quad .20 \quad .35 \quad 1.25$

## WINTER FLOWERING MARIGOLDS



# Colorado Sunshine. Large, double 3 to 4 inch, butter-yellow flowers <br> MARVEL OF PERU (Mirabilis Jalapa) 



## MESEMBRYANTHEMUM

Criniflorum (Livingstone Daisy). $1,100,000 \mathrm{~S}$. Likes full sun. Delightful shades, spreading habit. Ideal carpet, rockery or edging plant. Tr. Pkt...............25c $\quad 1 / 4$ oz...............60c $\quad 1$ oz.............. $\$ 2.00$ Crystallinum (Ice Plant). 6 in. Small, pinkish white flowers. Foliage covered with ice-like crystals. Fine for dry sandy places. Tr. Pkt................20c $1 / 4$ oz.................35c 1 oz.................... $\$ 1.25$

## MICROSPERMA

Golden Tassel. 800,000 S. 9 in . Fine for pots. Trumpet-shaped bright golden yellow flowers, 2 -in. across. Foliage similar to that of Primula Chinensis. Tr. Pkt........... 50c
$1 / 32$ oz $\quad \$ 1.50$

## MIGNONETTE

True Machet. 30,000 S. Special selected stock. Finest greenhouse strain. Fragrant. Sow in January for spring cutting. Tr. Pkt.....................25c

1/4 oz.....................45c
$\$ 1.50$

## MIMOSA



## MIMULUS

Moshatus (Musk Plant). 700,000 S. Yellow flowers. Tr. Pkt.....25c 1/32 oz.....50c 1/16 oz..... \$1.00 Tigrinus Grandiflorus "Queen's Prize". (Monkey Flower). 12 in. Large, spotted flowers in attractive shades. Tr. Pkt.-.....................25c 1/8 oz...........................60c 1/4 oz
$\$ 1.00$

## MOONFLOWER - MORNING GLORY and CARDINAL CLIMBER see "IPOMEA" (page 23) "CONVOLVULUS" (page 17) <br> MYOSOTIS (Forget-Me-Not)

Ball Early. 44,000 S. Popular blue Forget-Me-Not for late winter and spring blooming. Sow December/January. Free flowering. Tr. Pkt..

## NAEGELIA (Temple Bells)

$20,000 \mathrm{~S}$. per $1 / 64 \mathrm{oz}$. Large flowered varieties in beautiful shades of pink, red, yellow and orange with spotted throats. Slender, tubular flowers, Gloxinia-like foliage. An attractive pot plant. Culture same as that of Gloxinias. Tr. Pkt......... $\$ 1.50 \quad 1 / 128$ oz.......... $\$ 4.00$

## NASTURTIUM



## NEMESIA

Strumosa Grandiflora (Suttoni). $90,000 \mathrm{~S} .18 \mathrm{in}$. Rich mixture of all colors. Large-flowered and longstemmed for spring cutting. Tr. Pkt...............25c $1 / 4$ oz................70c 1 oz................ $\$ 2.50$
Nana Compacta "Triumph" Choice Mixed. 8 in . Popular dwarf, compact strain in many fine shades,


## NICOTIANA

(200,000 s. per oz.) Tr. Pkt. $1 / 4 \mathrm{oz}$. 1 oz .
Affinis White. Tall and large flowered........................................................................................ \$0.35 \$1.00
Affinis Crimson Bedder. Compact growth. Deep crimson red............................ 25 . 45 1.50
*Affinis White Bedder. A new, dwarf companion to the above, 15 inches high $\mathbf{. 3 0}$. $60 \quad 2.00$
Affinis Hybrids. Well-balanced mixture in the tall large flowering type........ .20 . $35 \quad 1.00$
*Daylight. Pure white blooms remain fully open all day. Bushy plants, reaching a height of $11 / 2$ to 2 ft . Same delightful scent as Nicotiana Affinis.
Tr. Pkt. $\qquad$ 25c
1/4 oz.
60c
1 oz.
$\$ 2.00$
${ }^{\bullet}$ Sensation Mixed. (Daylight Strain). Fragrant flowers that remain open all day. Wide range of colorings. Plants are bushy in habit, 24 in. high, making them ideal for bedding.
Tr. Pkt. $\qquad$ $1 / 4$ oz..
50c
1 oz ..
$\$ 1.75$
-Suaveolens. (Orange Blossom). 18 in. A dwarf, compact small-flowered white, sweet scented. Tr. Pkt...................25c $\quad 1 / 16$ oz...

50c $\quad 1 / 4$ oz.
$\$ 1.75 \mathrm{l}$ oz.
oz................... $\$ 6.00$

## NIEREMBERGIA

Hippomanica. $5,500 \mathrm{~s}$. per $1 / 32 \mathrm{oz} .8 \mathrm{in}$. Of uniform, dwarf and compact growth with bright lavender blue flowers. Fine bedding plant for slight shade as well as open sun.
Tr. Pkt.............35c $1 / 32$ oz.............. $\$ 1.10$ $1 / 16$ oz.............. $\$ 2.00 \quad 1 / 8$ oz.............. $\$ 3.90$
Purple Robe. Deep violet-blue flowers. It represents a great improvement over Hippomanica.
Tr. Pkt.............50c $1 / 64$ oz.............. $\$ 1.00$ 1/32 oz............... $\$ 1.751 / 16$ oz............... $\mathbf{\$ 3 . 0 0}$

## NIGELLA

Miss Jekyll 'Love-in-a-Mist). 11,000 S. 18 in. Cornflower-blue. Tr. Pkt...............................20c 1/4 oz................................ 30

## ORNAMENTALS



## FLOWERING KALE

Mixed colors. 12,000 S. Flowering Kale, although it belongs to the Cabbage or Kale family, is entirely different as to its appearance. In its young stage the leaves are green just like ordinary Kale, but in autumn as the season advances remarkably beautiful colors begin to appear and paint whole plant self or mixed colors. Sow seed outdoors during July.

1/8 oz. .................................25c
1/4 oz. .................................45c
l oz. ................................. $\$ 1.50$
Flowering Kale

## FLOWERING CABBAGE



Flowering Cabbage
CHRISTMAS CHERRY (Solanum) See page 15 CHRISTMAS PEPPER (Capsicum). See page 15
CORN, ORNAMENTAL. See page 17
GOURDS, ORNAMENTAL. See page 21
GRASSES, ORNAMENTAL. See page 21
LOVE APPLE. See page 24

This looks like miniature cabbage with color like Flowering Kale. One type is rose and the other is white. Grows much smaller and more compact than Flowering Kale. Culture the same as for Flowering Kale; leaves start to show color after cold weather sets in.

> 1/8 oz. 25 c
> 1/4 OZ. ..................................45c
> 1 oz. .............................. $\$ 1.50$

## ORNAMENTAL EGG PLANT

Golden Eggs. Grows like an ordinary Egg Plant; fruits which are egg-shaped and slightly smaller, look just like a golden egg. In the beginning they are white, then changes to golden yellow. Unedible, but ornamental when the plants are cut and leaves taken off. The fruits last for a long time in vase.


## PANSIES

STEELE'S QUALITY PANSY. (Originator's seed)®
JUMBO MIXED. Flowers are up to 5 inches in diameter.
 MADAME STEELE. Rich velvety royal purple of huge size and heavy substance.
$\begin{array}{llllllllllllll}\operatorname{Tr} \text {. Pkt.... } \$ 1.00 & 1 / 16 & \text { oz..... } \$ 1.75 & 1 / 8 & \text { oz..... } \$ 3.15 & 1 / 4 & \text { oz..... } \$ 5.70 & 1 / 2 & \text { oz..... } \$ 9.70 & 1 & \text { oz..... } \$ 15.50\end{array}$
MOON MOTH. The largest pure white Pansy. Dark blue pencil markings radiate from the center, many showing a yellow blotch on the lower petal.
$\begin{array}{lllllllllllllll}T r & \text { Tr. Pkt....... } \$ 1.25 & 1 / 16 & \text { oz....... } \$ 2.75 & 1 / 8 & \text { oz...... } \$ 4.90 & 1 / 4 & \text { oz...... } \$ 8.90 & 1 / 2 & \text { oz... } & \$ 15.10\end{array}$
PAY DIRT. The largest golden yellow. Resistant to summer heat.
$\begin{array}{llllllllllllll}\text { Tr. Pkt...... } \$ 1.25 & 1 / 16 & \text { cz....... } \$ 3.35 & 1 / 8 & \text { oz....... } \$ 6.05 & 1 / 4 & \text { oz..... } \$ 10.90 & 1 / 2 & \text { oz...... } \$ 18.55\end{array}$
BUTTERFLY HYBRIDS. Beautiful, unusual pastel shades of pink, rose, apricot, buff, orchid, orange, salmon, yellow, pale gold and many others. Ruffled $21 / 2$ to 3 in . flowers.
$\begin{array}{llllllllllllll}\text { Tr. Pkt...... } \$ 1.00 & 1 / 16 & \text { oz...... } \$ 1.60 & 1 / 8 & \text { oz....... } \$ 2.90 & 1 / 4 & \text { oz....... } \$ 5.20 & 1 / 2 & \text { oz........ } \$ 8.85\end{array}$
AMERICA. Special Florist's Strain. Very free flowering mixture with medium-sized ruffled flowers; very bright. Dwarf and extra early. Ideal Bedding or Basket Pansy.
Tr. Pkt.
.65 c
1/4 oz..
\$2.50
1 oz.................. $\$ 9.00$
$1 / 4 \mathrm{lb}$.
$\$ 30.00$

CANADIAN GIANTS "Super Maple Leaf". Huge flowers of characteristically "Canadian" blotching and color range on plants with very vigorous and heavy foliage, but compact.
Tr. Pkt.
$\$ 1.00$
$1 / 8 \mathrm{oz}$.
\$1.75
1/4 oz.............. $\$ 3.25$
1 oz...
$\$ 11.00$
COLOR CARNIVAL. The finest American-bred Pansy to compete on a quality basis with the finest Swiss originator's types. A magnificent color range. Flower size is exceptionally large, plants are compact yet vigorous. All blooms are blotched, giving a depth of color and brilliancy. Tr. Pkt.

$$
1 / 8 \text { oz... }
$$

$\$ 3.00 \quad 1 / 4 \mathrm{oz}$.
$\$ 6.00 \quad 1 \mathrm{oz}$.
\$20.00
COLORADO SENSATION. A compact, broad-leaved strain with an abundance of extra large blooms that are ruffled and stand erect on good, strong stems. Sensational color range including gorgeous shades of red, bronze, purple, yellow, pastels and fascinating shaded colorings.
Tr. Pkt. $\qquad$

$$
\$ 1.00 \quad 1 / 8 \text { oz................ } \$ 2.00
$$

$$
\$ 2.00 \quad 1 / 4 \quad \text { oz................ } \$ 3.50
$$

$\qquad$ $\$ 12.00$

ENGELMANN'S GIANT. Originator's Seed. Excellent mixture of real Giants. Huge flowers, choice bedding and cut flower strain; early flowering.
Tr. Pkt......... $\$ 1.00 \quad 1 / 8$ oz.......... $\mathbf{\$ 2 . 5 0} \quad 1 / 4 \mathrm{oz} .$.
\$4.75 1/2 oz........ $\$ 9.00$
$1 \mathrm{oz} .$.
... $\$ 17.50$

FELIX. Rich and unusual mixture of well ruffled, good sized flowers carried on fairly dwarf plants. Each flower is marked with the dark "whiskers", which gives an indeed striking effect.
Tr. Pkt.................75c 1/4 oz................ $\$ 2.25$
$1 / 2 \mathrm{oz}$.
. $\$ 4.25$
1 oz..
\$8.00


## ROGGLI PANSY SEED

ROGGLI'S GENUINE ORIGINAL PANSY SEED. Genuine Original Strain imported from Switzerland. Do not confuse with so-called "Roggli" strains offered. Demand the Genuine which bears the copyrighted "ROGGLI" Trade-Mark. ROGGLI'S is a superb strain of Pansies producing huge flowers of the popular Swiss type. Bright colors, long erect stems. Once this strain is tried it is always used.

Alpengluhn. Mahogany-red w. darker eye.
Blumlisalp. Beautiful Pink-carmine.
Hohenfeuer. Beautiful bright Orange-red.
Monch. Improved clear Yellow.

Berna. Dark Violet without eye.
Eiger. Dark Yellow w. dark eye.
Jungfrau. Wonderful pure White.
Thunersee. Medium Blue w. dark eye.

Roggli Giant Elite Mixed. Fine mixture of bright attractive colors.
Each: l/l6 oz....... $\$ 2.00$ 1/8 oz....... $\$ 3.50$ 1/4 oz....... $\$ 6.00 \quad 1 / 2$ oz....... $\$ 11.00 \quad 1 \quad$ oz....... $\$ 22.00$
REGULAR STRAIN SEPARATE COLOR SWISS PANSIES. $21,000 \mathrm{~S}$.

Alpenglow. Fiery cardinal-red shades.
Super Beaconsfield. Deep purple, upper petals white, extremely large flowered.
Berna. Dark violet-blue.
Coronation Gold. Clear golden yellow.
Delft Blue. Porcelain-blue.
Jet Black. $80 \%$ of the flowers are a true violet black.
Tr. Pkt. $\qquad$ $75 \mathrm{c} \quad 1 / 8$ oz. $\qquad$ \$1.75

Giant Orange. Light orange.
Lake of Thun. Medium blue, dark center.
Mt. Blanc. Best pure white.
Paper White. Large, pure white flowers.
True Blue. Deep true blue; extra compact.
Rhinegold. Yellow with dark blotches.
Raspberry Rose. Soft pink with velvety blotch in deeper tone, a beautiful color.
$\qquad$ \$3.00

1 oz.... $\$ 10.00$

MAMMOTH SWISS GIANIS. More compact foliage with larger flowers and better color range than most Swiss Giant strains on the market today.
Tr. Pkt........75c $1 / 8$ oz........ $\$ 1.25 \quad 1 / 4$ oz......... $\$ 2.50 \quad 1 \quad$ oz......... $\$ 9.00 \quad 2 \quad$ oz......... $\$ 17.50$
IMPROVED SWISS GIANTS. Plants are of compact habit and hold their flowers well above the foliage. Large size flowers with thick velvety texture, slightly ruffled at the edge. Rich range of bright attractive colors, including many of the deep red, brown and bronze shades.
Tr. Pkt.........65z $1 / 8 \quad$ oz........ $\$ 1.25 \quad 1 / 4 \quad$ oz......... $\$ 2.25 \quad 1 \quad$ oz......... $\$ 8.50 \quad 2$ oz......... $\$ 16.50$

## PANSIES-(Continued)

CLEAR CRYSTALS. A new, early flowering strain with slightly ruffled flowers nearly the size of the Swiss Giants. Blooming time is between the Winter Flowering or Hiemalis type and the Swiss Giants. Excellent color range of red, orange, purple, lilac, yellow, white and true blue all without the dark blotch. Fine for gardeners who dislike blotched Pansies.
Tr. Pkt.
\$1.00
$1 / 4$ oz.
$\$ 2.00$
1 oz .
\$7.50

MASQUERADE, $F_{2}$ Hybrid. Derived from the famous Oregon Jumbo type. Vari-colored in typical Jumbo combinations of yellow, blue, violet, pinkish mauve; earlier than Color Carnival. Highly recommended where there is a demand for very early flowering plants, together with largest flower size.
Tr. Pkt.
$\$ 1.00$
$1 / 8 \mathrm{oz}$.
$\$ 2.50$
$1 / 4 \mathrm{oz}$..
\$4.75
1 oz.
\$17.50

HIEMALIS or ICE PANSIES. Noted for their extreme earliness, in connection with an unusual hardiness. Flowers are of medium size, well-formed and fragrant.

WINTER FLOWERING-Greenhouse strain. Sow in July or August for winter and early spring crop. Long stemmed variety for cut flowers. $1 / 2$ Tr. Pkt..

60c
Tr. Pkt.
. $\$ 1.00$
$1 / 8 \mathrm{oz}$.
$\$ 2.50 \quad 1 / 4 \quad$ OZ.
. $\$ 4.75$

## PASSIFLORA (Passion Flower)

Coerulea. 4000 S. Greenhouse climber with large, blue flowers, $21 / 2$ to $31 / 2$ inches across, slightly fragrant. Tr. Pkt.............40c $1 / 8$ oz..............75c $1 / 4$ oz.............. $\$ 1.50 \quad 1$ oz............. $\$ 5.00$

## PENTSTEMON (Beard Tongue)

Sensation Mixed. 55,000 S. 2 ft . Miniature Foxglove-like blooms in a fine range of colors. Perennial in warmer climate, but they are easily grown as annuals, much used for bedding or in borders. Sow seed early. Tr. Pkt......................35c 1/4 OZ........................ $\$ 1.00$ 1 oz............................ $\$ 3.50$

## PERILLA

Tr. Pkt. 1/4 oz. 1 oz.
Frutescens Crispa. Annual with decorative foliage for general Coleus uses, but better than Coleus for certain effects, and rather easier to grow.......\$0.20 $\quad \mathbf{\$ 0 . 3 5} \quad \mathbf{\$ 1 . 2 0}$
Nankinensis. Deep purple foliage................................................................................... . 15 . 30 1.00

## PETUNIAS-All Double

America Improved. Medium sized rich rose-pink $100 \%$ Double flowers, identical in size and color to the former Double Rosy Morn. Will produce very nice pot plants if pinched once.

| 500 seeds | \$1.00 | 1000 seeds. | \$ 2.00 | 28 | 4.00 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1/64 oz. | 7.50 | 1/32 oz. | 14.00 | 1/16 oz. | 26.00 |

Colossal Shades of Rose Improved. Produces huge double blooms on vigorous compact plants in shades of pink and salmon-rose. Make fine 4 to 5 in . pot plants for Easter, Mother's Day and spring combinations.


## PAN-AMERICAN ALL-DOUBLES "GLORIOUS STRAIN"

Allegro. Bright deep salmon, scarlet-salmon in bud. Dwarf, yet vigorous and free branching. 100\% grandiflora, flowers $31 / 2-4 \mathrm{in}$. across. Beautifully fringed.
Caprice. Bright rose, dwarf, $100 \%$ grandiflora, fringed, fully double, very free blooming. A most popular variety of all double Petunias.
Minuet. Orchid-lavender. Should be pinched to induce branching.
Nocturne. Deep midnight-violet-purple-the deepest color in Petunias. Medium to large, $3-31 / 2 \mathrm{in}$. flowers, fringed and fully double.
Presto. Rose and White Variegated; resembles "Gaity".
Rhapsody. Deep burgundy wine-purple, dwarf, vigorous, free branching. $100 \%$ grandiflora, fully fringed. Finest in its color class.
Sonata. Huge deeply fringed, pure white flowers. $100 \%$ large fully double. The finest double white Petunia. Should be pinched to induce branching.
Each: $1 / 2$ Tr. Pkt..... $\$ 2.25 \quad$ Tr. Pkt..... $\$ 4.00 \quad 1 / 128 \mathrm{oz} . \ldots . . . \$ 8.00 \quad 1 / 64 \mathrm{oz} \ldots . . . \$ 15.00 \quad 1 / 32 \mathrm{oz} . \ldots . \quad \$ 28.75$
All-Double Glorious Mixture. A formula mixture, which contains 25\% Allegro, 35\% Caprice, 20\% Sonata, $10 \%$ Rhapsody, $5 \%$ Nocturne and $5 \%$ Minuet.


## SAKATA'S GIANT VICTORIOUS ALL-DOUBLE

This strain produces huge flowers, many of them measure 5 in . across in full double perfect form. The percentage of small doubles are nearly all eliminated.
Blue Monarch. All large flowering violet blue, larger than Blue Brocade
Cheerful. Enormous 5 in. flower of the most charming clearest pink, fully double and fringed in perfect form.
Darling. Gigantic, 5 inches across, full double, well fringed flowers of the most pleasing carmine rose color.
Sunset Giant. Full double well fringed large flowers of a brilliant deep salmon shaded scarlet. Much brighter than Allegro.
Orchid Beauly. Large, 5 in . full double well fringed flowers in uniform silvery and lilac blue color with darker veins.
Purple Queen. One of the largest All-Double Purple Petunias. Large 5 in . flowers of perfect form and substance. Brilliant rich purple color shaded velvety blue.
Salmon Shades. Color shows some variation in their salmon rose shade. Some flowers found to be just as brilliant as those of "Sunset Giant". Extra large flowered fully double and well fringed.
White Swan. Probably the largest white in All-Double Petunias. Flowers are full double, well fringed and measure $41 / 2 \mathrm{in}$. across.
Each: $1 / 2$ Tr. Plt..... $\$ 2.00$ Tr. Pkt..... $\$ 3.75$ l/l28 oz..... $\$ 7.00 \quad 1 / 64$ oz..... $\$ 13.50 \quad 1 / 32$ oz..... $\$ 25.00$
Giant Victorious All-Double Mixed. A balanced blend of the most beautiful colors. Flowers of gigantic size and perfect form. $1 / 2$ Tr. Pkt..... $\$ 2.00$ Tr. Pkt..... $\$ 3.75 \quad 1 / 128$ oz..... $\$ 7.00 \quad 1 / 64$ oz..... $\$ 13.00 \quad 1 / 32$ oz..... $\$ 24.00$

## SAKATA'S ALL-DOUBLE DWARF VICTORIOUS FRINGED

Flowers of this strain are not as large as those of the Giant Victorious, averaging $31 / 2 \mathrm{in}$. across. They are freely produced on dwarf and compact plants. Fine pot plant and for outdoors.
Attraction Improved. Brightest carmine-rose and white combination.
Blue Brocade Improved. Rich velvety violet blue large flowers.
Pure White Improved (Snowball). A real dwarf double white with good form and substance. Well fringed flowers are ideal for pots and bedding.
Rosy Carmine Improved (World Beauty or Pink Perfection). Uniformity and growth and a brighter rose color will increase the popularity of this variety more than ever.
Each: $1 / 2$ Tr. Pkt. ... $\$ 2.00$ Tr. Pkt..... $\$ 3.50 \quad 1 / 128$ oz..... $\$ 6.00 \quad 1 / 64$ oz..... $\$ 11.00 \quad 1 / 32 \mathrm{oz} \ldots . . . \$ 20.50$
*Gaity. Extra dwarf and compact form, so even that every plant looks like a duplicate of the other, with well fringed, full double flowers of bright rose-pink with contrasting pure white.
$1 / 2$ Tr. Pkt..... $\$ 2.25 \quad$ Tr. Pkt..... $\$ 4.00 \quad 1 / 128$ oz..... $\$ 6.50 \quad 1 / 64 \mathrm{oz} . . . . . \$ 12.00 \quad 1 / 32 \mathrm{oz} \ldots . . . \quad \$ 22.00$
Victorious All-Double Dwarf Mixed. A formula mixture of all colors.


## CANADIAN ALL-DOUBLES

Canadian Queen. True, medium pink, large, well ruffled flowers are carried nicely above the compact, bushy plants. An excellent, all-around double Petunia.
Cotton Candy. Extia large, fully double flowers of an appealing soft creamy salmon suffused with pink borne in abundance on vigorous but dense plants. Fine for pots or bedding.
Rose of Canada. Fully double, bright medium rose flowers about 3 in . across are freely produced on compact, bushy plants.
Canadian Mixture, Improved. Basically improved by the addition of more fine rose, pink and salmon shades. An excellent All-Double strain.
Each: $1 / 2$ Tr. Pkt..... $\$ 2.50$ Tr. Pkt.... $\$ 4.00$ 1/128 oz..... $\$ 7.60 \quad 1 / 64$ oz..... $\$ 14.45 \quad 1 / 32 \mathrm{oz} . \ldots . . . \$ 28.00$

## ALL-DOUBLE GIANT "FORMULA MIXTURE"

This special mixture contains all the giant double varieties of mixtures plus the addition of separate colors. Made up by ourselves to insure a complete and well-balanced formula mixture of all colors.


## I 1 (Eenuine) Aybrid Grandiflara Petunias

Scarlet Lustre. NEW. (Illustrated on front cover). $100 \%$ large flowers, measuring $31 / 2$ inches across with waved and ruffled petal edges. Scarlet Lustre has an inimitably brilliant scarlet-red color that absolutely commands admiration. Augmenting this effect is the bulls-eye of yellow in the throat of each bloom. Plants are of vigorous growth and resistant to disease.


Blue Lustre. A fine clear violet-blue Petunia with medium large ruffled Grandiflora blooms, which are freely produced, not only in total production but also at any given time than other blue types. Bushy, uniform plants. $1 / 2$ Tr. Pkt............. $\$ 1.50$ Tr. Pkt............... $\$ 2.75 \quad 1 / 128$ oz................ $\$ 5.00$ $1 / 64$ oz.......................... $\$ 9.00$ 1/32 oz......................... $\$ 17.00 \quad 1 / 16$ oz.............................. $\$ 33.50$
Gypsy Blood. A new $F_{1}$ Hybrid Grandiflora from Germany. Large, glowing fiery salmon scarlet flowers, beautifully waved like those of the well known "White Cloud" are freely produced on vigorous, uniform and bushy plants. Fine for pots, bedding and especially recommended for window boxes. $1 / 2$ Tr. Pkt................. $\$ 1.50$ Tr. Pkt................. $\$ 2.50 \quad 1 / 128 \mathrm{oz} . . . . . . . . . . . . . . . . .-2.50$


May Time. Last seasons novelty. (Illustrated on back cover). 100\% Grandiflora blooms, $31 / 2$ to 4 inches across, slightly fringed. A pleasing shade of clear, soft salmon-pink with slightly deeper veining. Very uniform, compact, spreading, base branching and extremely free flowering.

| $1 / 2 \mathrm{Tr}$. Pkt. | . \$1.50 | Tr. Pkt. | \$2.75 | 1/128 |  |  | 5.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1/64 oz............. $\$ 9.00$ | $1 / 32 \mathrm{oz}$. | ....... $\$ 17.00$ | $1 / 16 \mathrm{oz}$ | \$33.50 |  | 1/8 Oz | 00 | uby King. NEW. $100 \%$ Grandiflora blooms of a new color which is brilliant tyrian rose. Dwarf growing, bushy plants with plenty of hybrid vigor. $1 / 2$ Tr. Pkt............. \$1.25 Tr. Pkt.............. $\$ 2.25$ 1/128 oz............................ $\$ 4.00 \quad 1 / 64$ oz

\$7.50
1/32
\$14.75
Sabre Dance. New and sensational. Extra large ( $41 / 2$ inches across) ruffled flowers, brightly variegated crimson and white. Plants are dwarf, compact and very vigorous. Excitingly new and


Serenade. Large, rich violet-blue flowers with contrasting cream-white stamens

| 1/2 Tr. Pkt......................-\$1.35 | Tr. Pkt..................... $\mathbf{\$ 2 . 5 0}$ | 1/128 oz.................... $\$ 4.50$ |
| :---: | :---: | :---: |
| 1/64 oz. ................................ $\$ 8.00$ | 1/32 oz. ................. \$15.50 | 1/16 oz. ..................... $\mathbf{\$ 3 0 . 0 0}$ |

Toreador. Huge, slightly ruffled flowers ( $41 / 2$ inches across) of a bright, velvety deep crimson red like King Henry or Velvet Ball in the dwarf bedding class. $100 \%$ Grandiflora. Plants are dwarf, compact and uniform with plenty of hybrid vigor; nice clean, dark green foliage. The best vet in grandiflora crimson for color, size and habit. $1 / 2$ Tr. Pkt.............. $\$ 1.35$ Tr. Pkt............. $\$ 250$

Blue Magic. Large, plain-edged flowers of the same medium deep blue color as that of "Admiral" in the dwarf bedding class. Plants are dwarf and compact; extra vigorous.

| $1 / 2 \mathrm{Tr}$. | Tr. Pkt....................... $\mathbf{\$ 2 . 2 5}$ | 1/128 oz...................... \$4.00 |
| :---: | :---: | :---: |
| 1/64 oz..................................- \$7.50 | 1/32 oz..................- $\$ 14.75$ | 1/16 oz...................... \$28.00 |

Pink Magic. Almost identical to White Magic except for its smooth, bright pink color. A large flowered Celestial Rose Improved color. 1/2 Tr. Pkt..................... $\$ 1.35$ Tr. Pkt...................... $\$ 2.50$

White Magic. Large, ruffled grandiflora blooms of pure white. Remarkable for its heavy production of flowers and its dwarf compact growth. $1 / 2$ Tr. Pkt................. $\$ 1.35$ Tr. Pkt................. $\$ 2.50$

Blue Lace. Large, ruffled and fringed flowers of a lovely light orchid blue pencilled with deeper violet blue. Plants are dwarf and compact, a neat grower but vigorous and free-flowerinq. $1 / 2$ Tr. Pkt....................... $\$ 1.25$ Tr. Pkt.............................. $\$ 2.25 \quad 1 / 128$ oz.......................... $\$ 4.00$

Lavender Lace. Beautifully ruffled and fringed flowers of a bright rosy orchid lavender color - the nearest thing to an orchid-colored Petunia. Pencilling is slightly darker in color. Of excellent dwarf and compact growth; very free blooming. $1 / 2$ Tr. Pkt............. $\$ 1.25$ Tr. Pkt............. $\$ 2.25$

Ballerina. Soft glowing salmon, dwarf, compact, vigorous. $31 / 2-4$ inch blooms.
Bolero. Gorgeous carmine-rose pink flowers, well ruffled and fringed.
Crusader. A lovely bicolor, striped rose-pink on white. The rose shade is brilliant and unique.
Fire Dance. Large, deeply fringed flowers of a brilliant scarlet with a golden throat. Of vigorous, dwarf growth and quite free flowering.
La Paloma. Pure white with yellow throat. Large, well fringed flowers. $100 \%$ grandiflora. Very uniform and vigorous. Sown Dec. 1, La Paloma makes a gorgeously beautiful Easter pot plant.
Prima Donna. Large, fringed flowers of a bright rose-pink color. Same growing and flowering habit as "Ballerina".
Tango. Bright, deep scarlet-salmon. The reddest of all Grandiflora Petunias,

| Abe 7 each: $1 / 2 \mathrm{Tr}$. Pkt.. | \$1.25 | Tr. Pkt................-\$2.25 | 1/128 oz....-.-.........-\$4.00 |
| :---: | :---: | :---: | :---: |
| \$7.50 | 1/32 | \$14.75 | 1/16 oz...................... $\$ 28.00$ |

## SAKATA'S JAPANESE-GROWN $F_{1}$ HYBRID GRANDIFLORA PETUNIAS

Blue Mantle. $100 \%$ large, beautifully waved flowers of rich velvety violet blue throughout. Plants are dwarf, compact and very uniform.
Bonfire. The most dazzling deep salmon scarlet with golden throat. 100\% grandiflora flowers, 3 inches across, are borne in great profusion on dwarf, compact and very uniform growing plants. One of the most popular hybrid varieties.
Exquisite Improved. Large flowers in bicolor of scarlet and white. The contrasting color is exceedingly regular or just as regular as one can expect from grandiflora Petunias. Flowers are slightly fringed and $100 \%$ grandiflora.
Fairyland. Most flowers are nicely fringed and $100 \%$ grandiflora. A pleasing light salmon pink color which is very uniform. Height not more than 8 inches. Really a gem.
Fire Gleam. Large fringed flowers, 3 to $31 / 2$ inches across. The Salmon-scarlet of "Tango", just slightly lighter. Height 10 inches. $100 \%$ grandiflora and a very popular variety.
Flirt. Large flowers, full 3 inches across of a Clear Pink color. Robust and compact plants, about 9 inches in height. Withstands adverse weather much more than other varieties. $100 \%$ grandiflora.
Glamour Improved. Another bicolored dwarf grandiflora Petunia of good merit. Bright crimson and white; markings are fairly regular. Blooms are slightly fringed and $100 \%$ grandiflora. Dwarf, compact and very vigorous.
Priced on next page.

## SAKATA'S - $\mathrm{F}_{1}$ HYBRID GRANDIFLORA PETUNIAS - (Continued)

Minstrel "Blue and White". Large, plain-edged blue and white variegated flowers on dwarf and uniform plants. A fine companion to Crusader, Exquisite or Glamour.
Modesty. Large, ruffled and fringed ( $100 \%$ grandiflora) flowers of a soft lilac blue to silver blue. A vigorous grower, fairly dwarf and compact, about 11 inches in height. Recommended for pots, beds and borders.
Pink Charm. Fairly large ( 3 inches across) flowers of a pleasing carmine rose color. Robust but dwarf compact growth not more than 8 inches. Being marvelous both in color and habit of growth this variety has created a great deal of popularity.
Purple Robe. Rich purple color, otherwise very similar to Bonfire in general habit of growth as well as shape of flowers, which are waved and produced in great profusion. A nice companion to "Bonfire".
Psyche. Large, well fringed, clear steel blue flowers with heavier veining. Perfectly uniform in color and habit of growth. $100 \%$ grandifloa.


Snow Lady

Rosamond. Large waved flowers of a rich rose color, somewhat similar to Prima Donna. Very vigorous but dwarf and compact growth. Highly recommended for its dwarf habit as well as for its beautiful color.

Snow Cap. Large, pure white flowers just like Popcorn but $100 \%$ grandiflora. Dwarf and vigorous in growth. See photo on preceding page.

Snow Lady. 100\% large, pure white, well fringed flowers on dwarf plants. Probably the best white in this class. See photo to the left.

Prices on Sakata's $F_{1}$ Hybrid Grandifloras, 15 varieties (8 above and 7 on preceding page).
Each: $1 / 2$ Tr. Pkt.................... $\$ 1.00$
Tr. Pkt, .......................- $\$ 1.75$

1/64 oz. .-----.-.-...........- $\$ 6.25$
1/32 oz. ..................... $\$ 11.75$
1/16 oz. .-........................-\$20.00

F Hybrid Grandiflora Mixed. Our own "formula blend" which includes all varieties also the new ones, both fringed and ruffled types.
$1 / 2$ Tr. Pkt......... \$ 1.10
Tr. Pkt................. \$ 2.00
$1 / 128$ oz........ 3.50
1/64 oz...
\$ 6.50 $1 / 32$ oz............ $\$ 12.25 \quad 1 / 16$ oz.............. $\$ 24.00 \quad 1 / 8 \quad$ oz............. $\$ 46.00 \quad 1 / 4 \quad$ oz.............. $\$ 90.00$
$F_{1}$ Hybrid "Sakata's Color Parade" see inside front cover.

## $\mathbf{F}_{2}$ HYBRID GRANDIFLORA PETUNIA

Carnival. An $F_{2}$ hybrid grandiflora Petunia with two great advantages over the old standard varieties. First, it has $50 \%$ greater hybrid vigor than open pollinated strains, and this vigor not only makes lots of flowers but keeps the plants growing and producing longer, too. Carnival plants grow 12-15 in. tall, and spread to 2 feet across when full grown. An immense color range, solid and bicolors. Large flowers, waved, ruffled or fringed.
Tr. Pkt...
l/ 16 oz . $\qquad$ $\$ 1.00$
1/64 $\qquad$ $\$ 1.75$
1/32 oz $\qquad$ . $\$ 3.25$ Hybrid Petunias. Colors range from white through pink, rose, salmon, cerise, crimson, carmine, light blue, dark blue and scarlet, many of the self colors with golden throats. Also included in this mixture is a generous percentage of bicolors. Large flowers of plain-edged, waved,



## PETUNIAS-DWARF GIANTS OF CALIFORNIA

|  | Tr. Pkt. | 1/64 oz. | 1/32 oz. | 1/16 oz. | 1/8 oz. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ramona Dark Shades | . $\$ 1.00$ | \$2.50 | \$4.25 | \$8.00 | \$14.50 |
| Ramona Light Shades. | 1.00 | 2.50 | 4.25 | 8.00 | 14.50 |
| Ramona Dark \& Light Shades. | 1.00 | 2.50 | 4.25 | 8.00 | 14.50 |
| *Masterblend. Colors in this strain are hand blended; suitable for your most critical trade. | . 1.25 | 2.50 | 4.50 | 8.50 | 16.00 |
| *Extra Dwarf Giants. A truly dwarf pot Petunia with color range greatly improved and brightened. The finest uniformly dwarf strain in existence. | - 1.25 | 2.75 | 5.00 | 9.50 | 18.00 |
| Rose and White Bicolor..................1/2 Tr. Pkt.....75c | 1.50 | 2.75 | 5.00 | 9.50 | 18.00 |

## DWARF ERFURT PETUNIAS "HAND-POLLINATED, POT-GROWN SEED"

Beautifully fringed flowers on extra dwarf and compact plants-Excellent for pots and bedding. Tr. Pkt. 1/64 oz. 1/32 oz.

| ue | 0 | \$2.00 | \$3.5 |
| :---: | :---: | :---: | :---: |
| Carmencita. Deep scarlet salmon, almost a true scarlet orange; deeply fringed flowers on dwarf compact plants. | $1.00$ | 3.00 | 5.75 |
| Gaity (Frohsinn). Rose-pink and white combination, deeply fring | 1.00 | 2.00 | 3.50 |
| Gottfried Michaelis. Well fringed amaranth-red. | 1.00 | 2.00 | 3.50 |
| Lace Veil (Spitzenchleier). Finely fringed, pure | 1.00 | 2.00 | 3.50 |
| Setting Sun (Abendsonne). Brilliant rose deeply fringed flowers | 1.00 | 2.00 | 3.5 |
| Dwar§ Erfurt Fringed Mixed. Our own formula mixture of above | 1.00 | 2.00 | 3.5 |


| LARGE FLOWERED FRINGED | Tr. Pkt. | 1/64 oz. | 1/32 oz. |
| :---: | :---: | :---: | :---: |
| Dainiy Lady. Delicate golden yello | 1.00 | \$2.00 | \$3.75 |
| Fringed Rose Charm. Brilliant rose, dwarf, compact growth. | 1.00 | 2.00 | 3.75 |
| Fringed Snowstorm. Glistening pure white with faint gold throat, nicely fringed. Dwarf, compact growth. | Y 1.00 | 2.00 | 3.75 |
| Golden Jubilee. Carmine scarlet with golden throat, heavily fringed. Ideal pot plant | .. 1.00 | 2.00 | 3.75 |
| Theodosia Improved. Heavily fringed flowers of rose-pink with golden throat. A fine variety for pots and bedding | t. 75 | 1.75 | 3.25 |
| *White Mound. A perfect mound of large fringed white flowers; of compact growth $\qquad$ | -. | 1.75 | 3.00 |
| Single Fringed Mixed. A fine mixture in the fringed class.......................... | .. . 85 | 1.75 | 3.25 |

*Super Fluffy Ruffles. A perfectly balanced mixture of all colors. Very large flowers, heavily fringed and ruffled. By far the finest choice Petunia for home gardens, and a price favorite with florists.
Tr. Pkt.............75c $1 / 64$ oz.............. $\$ 1.50$ 1/32 oz.............. $\$ 3.00$ 1/16 oz............... $\$ 5.75$
GRANDIFLORA SINGLE PLAIN EDGED
Free flowering $12-16$ inch plants, some varieties spreading, others compact. Many plain-edged flowers of heavy substance and velvet texture. Prime favorite for florists.
Bingo. Huge flowers, up to 5 inches across, richly variegated wine-red and white are carried on vigorous plants. About half of the plants are somewhat smaller flowered ( 3 inches), but are equally colorful. Fine for beddings and combination boxes.
$1 / 2$ Tr. Pkt....... $\$ 1.00$ Tr. Pkt....... $\$ 1.75 \quad 1 / 128$ oz........ $\$ 3.50 \quad 1 / 64$ oz........ $\$ 6.50 \quad 1 / 32$ oz....... $\$ 11.70$ Tr. Pkt. $1 / 64 \mathrm{oz}$. $1 / 32 \mathrm{oz} .1 / 16 \mathrm{oz}$.

| B | 0.75 | \$1.75 | \$3.25 | \$5.75 |
| :---: | :---: | :---: | :---: | :---: |
| Dazzler. Brilliant scarlet; compact growth | . 75 | 1.75 | 3.25 | 5.75 |
| Dwarf Pink Glory Improved. Deep rose with white throat. | . 75 | 1.75 | 3.25 | 5.75 |
| Elk's Pride Dwarf. Largest, darkest and best velvety purple. Uniform, compact growth. | . 75 | 1.75 | 3.25 | 5.75 |
| Flaming Velvet. (Ruffled Velvet). Velvety blood red; compact. | . 75 | 1.75 | 3.25 | 5.75 |
| *Popcorn. An extra dwarf yet vigorous plant producing a bountiful supply of large waved blooms similar to the well known Snowstorm $\qquad$ | 1.00 | 2.50 | 4.50 | 8.50 |
| Royalty. Rich purple with white star | . 75 | 1.75 | 3.25 | 5.75 |
| Snowstorm Improved. The Queen of all White Petunias. | . 75 | 1.75 | 3.25 | 5.75 |
| Summer Night. A dwarfer, much more compact version of Dwarf Elk's Pride. Should be sown earlier. | 1.00 | 2.00 | 3.75 | 7.00 |
| White Cloud. Originator's pot-grown seed. Dwarf, compact, uni form and free flowering | . 75 | 1.75 | 3.25 | 5.75 |
| White Queen. Extra large, wavy, pure white flowers. A truly outstanding White Petunia. | . 75 | 1.75 | 3.25 | 5.75 |
| Large Flowered Mixed. Formula mixture of above colors... | . 60 | 1.25 | 2.50 | 4.75 |

## PETUNIA "NEW HORIZON"

A fine new blend of Tall California Giants, noteworthy for the new range of colors not seen before in this class, coupled with almost complete uniformity of flower size. New colors include strawberry, delicate Dresden pink, orchid lavender, old rose, copper rose, white; many have harmonizing throats veined and flushed with purple, brown and green shades. Huge flowers up to 6 and 7 in : across, slightly ruffled. Plant growth is strong and vigorous. "Horizon" is highly recommended for your most critical trade.
Tr. Pkt.
.............. $\$ 1.00$
$1 / 128$ oz.
\$1.75
1/64 oz
$\$ 3.00$
1/32 oz.
\$5.75

## DWARF HYBRIDA RUFFLED TYPE

Little Giants Mixed. Fine combination of colors; medium-sized ruffled California Giant type flowers about $2^{\prime \prime}$ across are freely produced on very compact uniform growing plants. Fine for combination work as well as bedding.
Tr. Pkt.
.50c
1/64 oz.
.............. $\$ 1.00$
1/32 oz.
. $\$ 2.00$
1/16 oz.
. $\$ 3.50$

- Pink Frills. A nicely ruffled nana compacta type developed from the popular Little Giants. Early blooming, medium size flowers in brilliant rose-pink shades are profusely borne on compact well rounded plants. Excellent for pot work, borders and bedding.
Tr. Pkt........................-75c 1/64 oz........................... 1.25 1/32 oz............................ $\$ 2.25$
Martha Washington. Ruffled, lavender-pink flowers with veined throat.
Tr. Pkt.........................75c 1/64 oz........................... $\$ 1.75$ 1/32 oz...........................- $\mathbf{\$ 3 . 0 0}$


## DWARF RUFFLED - GARDEN GIANTS

The most suitable large-flowered Ruffled Petunia for the home garden. They start flowering when the plants are extremely small and continue their gorgeous display of large ruffled flowers all through the summer. The plants uniformly develop into well-rounded mounds 12-15 in. high and bloom continuously in a wide variety of bright color combinations.


## CALIFORNIA GIANTS

The largest flowers among Petunias, heavily ruffled, with heavy, robust growth. The finest strain for garden use.

Supreme Florists' Strain Delicate shades of rose, pink and salmon
Brilliant Mixed Florists Strain. Bright and lovely colors in new $\begin{array}{lllllll}\text { shades, greatly improved over regular California Giant strain } & \mathbf{7 5} & \mathbf{1 . 5 0} & 2.75 & \mathbf{5 . 0 0}\end{array}$
*Paramount Giants. A large flowered, rugged free flowering strain with a grand range of colors. Particularly suited to outdoors as will be showy even under adverse conditions..............................

| .75 | 1.50 | 3.00 | 5.50 |
| :--- | :--- | :--- | :--- |

Ruffled Giant "Glamour". Huge, ruffled blooms in a beautiful shade of rich salmon-rose...............................................................................-

| .75 | 2.00 | 3.7 |
| :--- | :--- | :--- | 6.50

Ruffled Giant "Red". Large, dark crimson flowers with black throat and fine markings..........................................................................
Ruffled Monsters Dark Shades Mixed. Selected to the dwarf

$\begin{array}{lllllllllllll}\text { Ruffled Monsters Exquisite Mixed. Light and dark shades............... } & .75 & 1.50 & 2.75 & 5.00\end{array}$

## PETUNIAS-Germania Best Mixture

A formula blend made up by ourselves from all the best large flowered fringed and plain edged Petunias, also included are the Dwarf Grandiflora Ruffled types.

Tr. Pkt.......50c $1 / 64$ oz....... $\$ 1.00 \quad 1 / 32$ oz....... $\$ 1.75 \quad 1 / 16$ oz........ $\$ 3.20 \quad 1 / 8 \quad$ oz........ $\$ 6.00$
BALCONY PETUNIAS
Black Prince. Deep velvety crimson-red


## PETUNIAS-Regular or Tall Hybridas

This vigorous and strong growing class is valuable for bedding in localities where growing conditions are unfavorable.

|  | Tr. Pkt. | $1 / 4 \mathrm{oz}$. | 1 oz . |
| :---: | :---: | :---: | :---: |
| Flaming Velvet. Deep, velvety blood red. | \$0.35 | \$1.00 | \$3.50 |
| Howard's Star Improved. Velvety crimson with large white sta | . 40 | 1.40 | 5.00 |
| General Dodds. Velvety red. | . 30 | 1.00 | 3.50 |
| White King. Pure white... | . 30 | . 90 | 3.25 |
| Exquisite Mixture. Fine mixture of bright colors | . 30 | . 90 | 3.25 |

## Of 1 Hybrid Multiflaras - "REDSKIN or INDIAN SERIES"

Aztec. Bright scarlet red with golden throat. Dwarf, compact; vigorous in growth; very free flowering.
Apache. A bright rose-red; very vigorous and productive.
Comanche. The finest red bedding Petunia with large, brilliant scarlet-crimson flowers.
Inca. Glowing deep cerise-rose with contrasting gold throat. An improvement over "Apache".
Linda or Silver Medal Improved. Clear, light salmon pink flowers are carried on bushy plants of great vigor. Somewhat more dwarf than Silver Medal.
Mars. Crimson red as the fiery planet. A more compact version of King Henry and Velvet Ball.
Mohawk Improved or Venus. Bright Celestial Rose Pink, warmer and brighter than the former regular Mohawk. Of dwarf, compact, spreading habit - a real improvement - not only over Mohawk but all others in this class. The most popular rose-pink.
Neptune. Medium violet-blue flowers. The best yet in any blue. As blue as outer space or the deep blue sea. Plants are of excellent, dwarf compact habit; vigorous and free-flowering.
Paleface. The most vigorous and extremely free flowering white bedding Petunia in existence. Dwarf, compact bushy plants; very uniform.
Satellite. Bright rose with a perfect white star. Far more brilliant than "Twinkles". Dwarf, compact plants blooming abundantly.
Sioux. Intense salmon shading toward red at throat. Midway between Linda and Comanche in color. Dwarf, very vigorous and blooms profusely.

| ch: $1 / 2$ Tr. Pkt......... $\mathbf{\$ 1 . 0 0}$ | Tr. Pkt........-\$1.75 | 1/128 oz.........-\$3.00 | 1/64 oz.........\$5.50 |
| :---: | :---: | :---: | :---: |
| 1/32 oz...................... $\$ 10.00$ |  | \$18.50 1/8 |  |

Glitters. Fiery combination of bright, scarlet-crimson and white - showy dwarf bedder and edger. (Top All-America winner for 1957.)

| Tr. Pkt......... \$ 1.25 | Tr. Pkt............... \$ 2.25 | 1/128 oz...... \$ 4.00 | 1/64 oz........\$7.50 |
| :---: | :---: | :---: | :---: |
| 1/32 oz.......... $\$ 14.00$ | 1/16 oz.............. ${ }^{\text {S27.00 }}$ | 1/8 oz............ $\mathbf{\$ 5 0 . 0 0}$ | $1 / 4 \mathrm{oz} . \ldots$ |

Red Satin. Shining scarlet-red, a little more brighter than "Comanche", also the growth of the plants is more dwarf and compact than Comanche. Heat and sunshine fail to fade the color. (All-America winner for 1957).
Pink Satin. (New). Brilliant rose-pink flowers are every bit as dazzling as those of Red Satin. Plants are globe-shaped, dwarf and persistently compact like "Red Satin".
Peach Satin. (New). Salmon-pink with unmatched satiny sheen. Plants grow slightly taller than Red Satin, but they maintain the characteristic globe shape, extreme floriferousness, and resistance to "splitting".
Above 3, each: $1 / 2$ Tr. Pkt......... $\$ 1.25$ Tr. Pkt......... $\$ 1.75 \quad 1 / 128$ oz......... $\$ 3.50 \quad 1 / 64 \mathrm{oz} . . . . . . . . . \$ 6.50$


Bo-Peep. Deep rose-pink flowers with white throat, lavishly displayed throughout the season on dwarf, compact plants about 14 inches in height.
Jack Frost. When in full bloom "Jack Frost" will remind one of winter's soft blanket for the large, pure white flowers literally smother the plants. In pots or in mass beds Jack Frost makes a striking display.
Miss Muffet. Rich, salmon scarlet flowers with golden throat, slightly fringed petals. Continuous, abundant bloomer on dwarf, compact plants and a distinctly new shade.
Robin Hood. This gay, bold color is always in demand and appeals to plant growers and home gardeners who like a vivid splash of color. Really compact, free blooming plants with fairly large flowers of a scarlet-red with golden throat.
The Clown. This new variety glitters with its abundant display of extra large salmon red and white striped flowers. The variegations are even and prominent, plant habit uniformly dwarf and compact. A showy novelty that will lead the parade of improved $F_{1}$ hybrid Petunias.


## SAKATA'S JAPANESE-GROWN $F_{1}$ HYBRID MULTIFLORA PETUNIAS

Brilliancy. Brilliant crimson-red with carmine shade.
Pink Beauty. Rich, silvery pink, darker towards center. Dwarf and compact, vigorous grower.
Above 2, each: Tr. Pkt......... $\$ 1.00 \quad 1 / 128$ oz......... $\$ 2.00 \quad 1 / 64$ oz.......... $\$ 3.50 \quad 1 / 32$ oz......... $\$ 6.00$
Blue Jay. A vigorous dwarf deep blue colored Multiflora Petunia, probably superior to any other blue. It has both, good dwarf habit and necessary hybrid vigor; stands well against adverse weather.
Blue Star. Extremely dwarf and compact yet with plenty of hybrid vigor. It has a striking contrasting star marking of dark velvety violet blue and white. The star marking is exceedingly conspicuous on account of deep ground color.
Carmen. Slightly darker shade of "Sioux", salmon rose, otherwise, very much similar in habit of growth and flowering. Uniform, dwarf plants.
Prices on next page.

## SAKATA'S $\mathrm{F}_{1}$ HYBRID MULTIFLORA PETUNIAS - (Continued)

Claret Ensign. This new strain is brighter colored than "Apache". A deep crimson overlaid with scarlet. Very vigorous and free blooming. Dwarf, compact plants.
Cleopatra. Dazzling orange scarlet, somewhat like "Comanche". slightly lighter shaded but of more crystallike appearance. On account of the brilliant color the sight on mass planting is most eyecatching. Dwarf and uniform in habit.

Masquerade. A bi-colored novelty of deep violet blue and white; very striking color. Plants are dwarf and compact and fairly vigorous and uniform.
Rose Star. Another of Sakata's bi-colored novelties, which can be called an "Improved Twinkles", color is slightly brighter but just as dwarf as Twinkles with plenty of hybrid vigor. Pink, starred white.


Snow G:rl


Star Flight (Elk's Star Imp.)

Rosetta. The most brilliant carmine-rose, a color which is gay and delightful to look at. Dwarf and very floriferous.
Ophelia. Bright salmon rose just like "Sioux". Blooms abundantly. Of dwarf, vigorous growth. Also uniform in its gay color.
Snow Ball. Extra dwarf ball-shaped plants with pure white flowers, $13 / 4 \mathrm{in}$. across; extremely floriferous. Very desirable white for bedding.
Snow Girl. Medium, $21 / 2$ inches across, flowers of pure white. The dwarf shapely plants are covered continuously with blooms. Grows slightly taller than Snowball but flowers are much larger.

Star Flight (Elk's Star Improved). Sakata has improved this variety to be dwarfer and more compact with better hybrid vigor. The typical star marking is also more regular. Deep velvety crimson, starred white.
Tosca. A deep, brilliant crimson red with scarlet shade, very much similar to "Apache". Dwarf and compact in growth with plenty of hybrid vigor.
Prices on Sakata's $F_{1}$ Hybrid Multifloras, 10 above and 3 on preceeding page.

| - | ------.-.-........-....\$ 1.00 |
| :---: | :---: |
| Tr. Pkt.......... \$ 1.65 | 1/128 oz..........\$ 2.90 |
| 1/64 oz......... \$ 5.25 | 1/32 oz........... \$ 9.75 |
| 1/16 oz........ \$18.00 | 1/8 oz............... $\$ 34.00$ |

$F_{1}$ Hybrid Multiflora Mixture. Our own formula blend of the $F_{1}$ Hybrid Multifloras provides a well balanced color range.

| 1/2 Tr. Pkt.........\$ 1.00 | Tr. Pkt............ \$ 1.65 |
| :---: | :---: |
| 1/128 oz. ........\$ 2.90 | 1/64 oz. ........ \$ 5.25 |
| 1/32 oz. .-.......-\$ 9.75 | 1/16 oz. ........ \$18.00 |
| 1/8 oz. ............. \$34.00 | $1 / 4 \mathrm{oz} . . . . . . . . . . . . . ~ \$ 60.00 ~$ |


1/32 oz. ........... \$ $9.75 \quad 1 / 16 \mathrm{oz} . \ldots \ldots \ldots . . . \$ 18.00$
$1 / 8 \quad$ oz. ............... $\$ 34.00 \quad 1 / 4 \mathrm{oz} . . . . . . . . . . . . . \quad \$ 60.00$

## PETUNIA $F_{2}$ HYBRIDS or Nana Compacta (Dwarf Bedding)

Moonstone. (Nearest to yellow). Multiflora type flowers of light ivory-yellow are freely produced on vigorous, bush plants. Tr. Pkt.....75c $\quad 1 / 128$ oz..... $\$ 1.25 \quad 1 / 32$ oz..... $\$ 3.50 \quad 1 / 16 \mathrm{oz} . \ldots . . \$ 6.50$
Confetti. A new introduction by "Bodger's" produced from $F_{1}$ Hybrids, by the same method as "Carnival" in the grandiflora class. This new $F_{2}$ Hybrid Mixture brings extra vigor and extra quantities of bloom in very gay colors into the bedding Petunia class. Truly outstanding.
Tr. Pkt........50c $\quad 1 / 16$ oz........ $\$ 1.25 \quad 1 / 8 \quad$ cz......... $\$ 2.25 \quad 1 / 40$ oz........ $\$ 4.00 \quad 1$ oz......... $\$ 13.50$
Colorama. $F_{2}$ Hybrid Nana Compacta Mixed. The $F_{1}$ varieties were planted and harvested as separate colors, then just the right percentage of the crop of each of the separate varieties is used to make the mixture, which contains white, salmon, scarlet salmon, fiery red, light and medium pink, rose, many with golden or topaz throats, together with white bicolor crimson, rose, blue, as well as many starred varieties. Hybrid vigor, uniform plant habit, profuse blooming are the characteristics of this new colorful well balanced blend of $\mathrm{F}_{-2}$ Nana Compacta Petunias. Tr. Pkt..............................50c $1 / 16$ oz................................. $\$ 1.00$


## DWARF BEDDING PETUNIAS

Admiral Improved. Most attractive clear blue Petunia for pots and bedding. Plants are dwarf and compact, uniform in color and growth. Nice medium large flowers, slightly waved. Tr. Pkt.........75c 1/64 oz......... \$1.40 1/32 oz.......... $\$ 2.50$ l/16 oz.......... $\$ 4.75$ 1/8 oz......... $\$ 9.00$
Alderman. Deep violet blue. A fine bedding variety.
Tr. Pkt,
30c
1/4 oz.
$\$ 1.00$
1 oz.
\$3.75
-Blue Bedder Improved. A new mid-blue and the most compact growing of this desirable medium shade of violet blue; color does not fade.
Tr. Pkt.................35c 1/8 oz..................70c 1/4 oz...................-. 1.251 oz.................-. $\$ 4.25$
Blue Bird. Deep violet blue; growth a bit more vigorous than Alderman.
Tr. Pkt...............................30c 1/4 oz................................ $\$ 1.10$ 1 oz................................ $\$ 4.00$
Celestial Rose. Dwarf, compact plants. Bright rose with white eye.
Tr. Pkt................40c 1/8 oz...................75c 1/4 oz.................... $\$ 1.35 \quad 1$ oz...................... $\$ 5.00$

Celestial Rose Improved. A reselected strain of the well known Celestial Rose. Extra dwarf and compact plants with fiery rose flowers; very effective.
Tr. Pkt.
50c 1/8 oz.
$\$ 1.00$ 1/4 oz.
$\$ 1.751$ oz
\$6.00

Celestial Rose Improved (Himmelsroeschen). Pot-grown seed imported from Germany. Fiery brilliant rose, the very best in this class.
$1 / 64$ oz.........50c $1 / 32$ oz........ $\$ 1.00$ l/l6 oz........ $\$ 1.75$ 1/8 oz........ $\$ 3.00 \quad 1 / 4 \quad$ oz......... $\$ 5.50$
Celestial Queen. Pot-grown seed imported from Germany. Same as the above, except for color which is a brilliant carmine pink, a shade darker than Himmelsroeschen.
$1 / 64$ oz........75c $1 / 32$ oz........ $\$ 1.50 \quad 1 / 16 \quad$ oz......... $\$ 2.75 \quad 1 / 8 \quad$ oz........ $\$ 5.00 \quad 1 / 4 \quad$ oz........ $\$ 9.00$

Cheerful. Clear light pink, deeper than First Lady. Dwarf and compact growth. Tr. Pkt..............50c $1 / 16$ oz............... $\$ 1.50$ 1/8 oz.................... $\$ 2.25 \quad 1 / 4 \mathrm{oz}$. $\$ 4.00$
-Cockatoo. Fine dark blue with white edge.
Tr. Pkt.
50c
1/16 oz.............-\$2.00
1/8 oz.
. $\$ 3.75$
$1 / 4 \mathrm{oz}$.
. $\$ 6.50$

Crearm Star. Soft creamy white, compact and uniform. Practically $100 \%$ true to color and habit.

-Elk's Star. Deep velvety crimson with white star. Very attractive for bedding, pots or combinations. Tr. Pkt................50c $1 / 16$ oz.............. $\$ 1.50$ 1/8 oz................. $\$ 2.75$ 1/4 oz................ $\$ 5.00$
${ }^{\bullet}$ Fire Chief. Brilliant scarlet red, an entirely new color in this class. Growth is compact but erect, and the plants are quite free flowering; does not fade.
Tr. Pkt.........40c $1 / 16$ oz......... $\$ 1.00 \quad 1 / 8 \quad$ oz......... $\$ 1.75 \quad 1 / 4$ oz......... $\$ 3.25 \quad 1 \quad$ oz......... $\$ 12.00$
First Lady. (Fair Lady). An attractive light silvery rose, quite unlike any shade in this class. Plants grow uniformly dwarf and compact and are exceptionally free flowering. Tr. Pkt.................50c $1 / 16$ oz................ $\$ 1.25$ 1/8 oz................. $\$ 2.50$ 1/4 oz.
\$4.25
Glow. Very intense glowing carmine scarlet. Especially useful for bedding and pot plant work. Outstanding for its brilliant color.

Heavenly Blue Reselected. Rich light blue, compact habit and comes truer than the regular strain. Tr. Pkt...................50c $1 / 8$ oz................... $\$ 1.00$ 1/4 oz................... $\$ 1.751$ oz................... $\$ 6.00$


## PHLOX - Dwarf Varieties - (Continued)

Improved Cecily Mixed. Reselected Florist Strain, extra large flowered, beautiful colors. Tr. Pkt

40c
1/4 oz............................. $\$ 1.25$
1 oz .
$\$ 4.00$
Beauty. Dwarf compact plants, 7 inches high, large flowered robust varieties. Excellent for pots, combinations and border planting,

| Blue Beauty | Crimson Beauty | Pink Beauty |  | Salmon Beauty |
| :--- | :--- | :--- | :--- | :--- |
| Scarlet Beauty | Violet Beauty | White Beauty | Beauty Mixed |  |
| Above 8, each: Tr. Pkt..........40c | $1 / 8$ | oz.. | $75 c$ | $1 / 4$ |

Ideal Bedding Mixed (Masterblend) 6 to 8 in Especially seleced for and extremely uniform plants. A most striking array and extremely uniform plants. A most striking array of unusually gay and bright color combinations. Well adapted for pot and combination work, excellent for use in the border.

Globe Mixed. Plants are globe or dome shaped and of very uniform and compact growth. Very bright colored mixture.

"Twinkle "Dwarf Star Mixed". (1957 All-America winner). Nicely formed dwarf, compact plants 6 to 7 in . high, with big trusses of star-shaped flowers in a beautiful color range, many are of the eyed sort. Blooms very early in flats. Ideal for pots, beds, borders and combination work.
Tr. Pkt........50c $\quad 1 / 8$ oz........ $\$ 1.00 \quad 1 / 4 \quad$ oz........ $\$ 1.85 \quad 1 / 2$ oz........ $\$ 3.50 \quad 1$ oz....... $\$ 6.25$

## PLUMBAGO

Capensis. Spikes of rich pale blue, charming climber.
100 seeds
85c
500 seeds.
$\$ 4.00$

## POPPY

ICELAND (P. Nudicaule). 174,000 S. For greenhouse forcing. Sow direct either in beds or pots. Sandford's Giant. Long stems. Brilliant colors. Tr. Pkt........30c $1 / 4 \mathrm{oz} . \ldots . . . . \$ 1.00 \quad 10 z \ldots . .$.
SHIRLEY (P. Rhoeas). $217,000 \mathrm{~S}$. Freely branching plants $21 / 2$ to 3 ft . tall.
Double Finest Mixed. Bright colors. Tr. Pkt..............20c $1 / 4$ oz..............35c $\quad 1$ oz.............. $\$ 1.25$


## PORTULACCA

All-Double Mixed. $280,000 \mathrm{~S}$. Excellent quality strain producing huge flowers in $\alpha$ wide range of many brilliant colors. Tr. Pkt.........35c 1/8 oz..........75c $1 / 4 \mathrm{oz} . . . . . . . .-\$ 1.25 \quad 1$ oz.......... $\$ 4.00$
Single Jewel. Huge flowers of dazzling crimson.
Tr. Pkt..............35c 1/8 oz..................75c 1/4 oz................. $\$ 1.25 \quad 1$ oz..................... $\$ 4.00$


## PRIMULA OBCONICA

4000 seeds per $1 / 32$ oz. A valuable pot plant for winter and spring.

| Appleblossom. Appleblossom-pink | Tr. Pkt. | 1/64 oz. |  | 1/16 oz. |
| :---: | :---: | :---: | :---: | :---: |
| Blood Red. Large blood red flower trusses on sits | 1.25 | 2.50 | 4.75 | 9.00 |
| Better Days. Bright carmine-red. | 1.25 | 2.50 | 4.75 | 9.00 |
| Fasbender Red. Originator's. Outstanding, one of the | 1.25 | 3.00 | 5.50 | 10.00 |
| Greetings from Gmuend (Imp. Pearl of Lower Rhine), Large, salmo scarlet flowers, very free flowering. |  | 3.00 | 5.50 | 10.00 |
| Fasbender Blue. Rich blue, large flowers | 1.25 | 3.00 | 5.50 |  |
| Mohnstein Red. Popular velvety dark red vari | 1.25 | 2.50 | 4.75 | 9.00 |
| Mueller's Rose. Large flowered pure rose-pink | 1.25 | 2.50 | 4.75 | 9.00 |
| Red Giant. Largest, glowing red flowers, which are slightly fringe Solid dwarf bushy plants. | 1.25 | 3.00 | 5.50 | 10.00 |
| Salmon Princess. Dark salmon, blooming abundantly, soft leaves | 1.25 | 2.75 | 5.00 |  |
| Sky-Blue. (Coerulea or Koenigssee). Clear mid-blue. | 1.25 | 2.75 | 5.00 | 9.75 |
| Violet Blue. Deep, clear violet blue. | 1.25 | 2.75 | 5.00 |  |
| White. (Avalanche). Large, pure white flowers. | 1.25 | 2.50 | 4.75 | 9.00 |
| Wyaston Wonder. Enormous trusses of bright crimson flowers <br> stiff stems | 1.25 | 2.75 | 5.00 | 9.50 |
| Formula Mixture. Our own blend of the above colors | 1.25 | 2.50 | 4.75 | 9.00 |

## PRIMULA MALACOIDES (Baby Primroses)

12,000 seeds per $1 / 32$ oz. Sow seed from May untill October for various sizes of blooming pot
plants from Christmas on. Sow in sterile soil.
F

## PRIMULA CHINENSIS

Approx. 600 seeds per $1 / 32$ oz. Sow from April on for Christmas and later. Fine pot plant and very popular with many retail growers.
Cardinal. Dazzling, intense orange with short foliage
Tr. Pkt.......................... $\$ 1.50 \quad 1 / 64$ oz............................. $\$ 3.75 \quad 1 / 32$ oz................................... $\$ 7.00$
Fringed Special Mixed. Very choice assortment of colors.
Tr. Pkt.
$\$ 1.25$
1/64 oz
$\$ 2.00$
$1 / 32$ oz.
$\$ 3.75$


## PRIMULA KEWENSIS

Gold of Gmuend. Mildew-Resistant. Deep golden yellow flowers. Make nice bushy $4^{\prime \prime}$ pot plants when planted 2 or 3 together.

Floribunda Ameliorata (Kewensis Compacta). Lemon yellow flowers. Panning 3-4 into a $4^{\prime \prime}$ pot they make very pretty plants for fall, winter and spring sales.

Above 2, each: $1 / 2$ Tr. Pkt......... $\mathbf{\$ 1 . 0 0}$ Tr. Pkt......... $\$ 2.00$
$1 / 128$ oz............... $\$ 4.00 \quad 1 / 64 \quad$ oz.................. $\$ 7.50$

Gold of Gmuend

## PYRETHRUM

Parthenifolium Aureum. Golden Feather, gold-leaved. Tr. Pkt.......20c $1 / 4$ oz.......35c 1 oz........ $\$ 1.00$
QUEEN ANNE'S LACE FLOWER
$36,000 \mathrm{~S}$. Large heads of Lacy white flowers on 24 inch stems. Nice filler for basket work.
Tr. Pkt..............................20c 1/4 oz...............................-. 35 c 1 oz............................... $\$ 1.10$
RANUNCULUS (Buttercup)
Florist Strain Mixed. Ideal long-stemmed type. Double camellia-type flowers in a brilliant color range.
Tr. Pkt................. 50 c c $1 / 8$ oz................... $\$ 1.00$ 1/4 oz................... $\$ 1.70 \quad 1$ oz...................... $\$ 5.75$

## RICINUS (Castor Bean)

Crimson Spire. 75 S. Almost black stems with large, deep blood-red leaves.


## RUDBECKIA (Coneflower)

Gloriosa Daisy. Listed on page 20.
Harmony Double, 80,000 S. 40 inches. (New). Large ( $21 / 2 \mathrm{in}$. across) fully double, ball-like flowers. The dark flower petals with golden tips are lightly twisted and undulated, so that the center of the flower is nearly totally covered. Fine cutflower and easy to grow.
Tr. Pkt................35c 1/8 oz.................75c 1/4 oz................ $\$ 1.25 \quad 1 \mathrm{oz}$ $\qquad$
Dwarf Sun (Goldflame). 12 inches. Plants of this dwarf annual Rudbeckia are completely covered with large golden-yellow flowers. Tr. Pkt.....35c $1 / 8 \quad$ oz.....60c $\quad 1 / 4 \quad$ oz..... $\$ 1.00 \quad 1 \quad$ oz..... $\$ 3.50$


Saintpaulia

## SAINTPAULIA

 (African Violet)5,700 seeds per $1 / 128$ oz. Handle about like Begonia or Gloxinia seeds. With good culture nice 3 -inch pots can be produced in 6 to 8 months.
Ionantha Grandiflora. Large, deep blue flowers.
Blue Fairy Tale. Large, rich blue flowers with bright yellow eye, dark green foliage.
Hybrids. Various shades of blue, lilac, and pink. Dwarf, bushy plants with dark green leaves.
Above 3, each:
Tr. Pkt...................... $\$ 1.50$
3 for........................ $\$ 4.00$

## SALPIGLOSSIS

Grandiflora Superbissima. (Emperor) The largest flowered and most beautiful of all. Choice mixture of attractive colors; for summer cutting and spring flowering under glass.
Tr. Pkt.
................................25c
1/4 oz.................................40c
1 oz $\qquad$ \$1.50
Dwarf Giant Flowering. 20 in . Exquisite mixture of all colors in this dwarf class. Fine for bedding and borders. Tr. Pkt...................25c $\quad 1 / 40$ oz...................45c $\quad 1$ oz................... $\$ 1.60$

## SALVIA

7,500 seeds per oz. Varieties are listed according to their flowering dates, earliest first in each group. DWARF. 6 to 16 inches.

Tr. Pkt. 1/4 oz. 1 oz . 40 oz
Scarlet Pigmy. 6 in. Extra dwarf, plants are nicely rounded coming into bloom a week or 10 days ahead of Fireworks. Exceptionally fine for pots and flats............. $1 / 8$ oz..... $\$ 2.00 \quad \$ 1.00$
$\$ 3.75 \quad \$ 12.00$
\$37.50
Baltzer's White. Very low and compact, white flowering companion to Scarlet Pigmy......................1/8 oz..... $\$ 2.50 \quad 1.0$
Fireworks. 10 in. Extra Early Timed. Comes into flower more uniformly early than St. John's Fire. Fine for pots and flats ..........................................................1/8 oz...... $\$ 1.50$
St. John's Fire, 10-12 in. The most popular early dwarf red. Extremely free-flowering............................1/8 oz..... $\$ 1.25$

| .75 | 2.25 | 8.00 | 27.50 |
| :--- | :--- | :--- | :--- |

Blaze of Fire. 14-15 in. Closely follows St. John's Fire in flowering

| .75 | 2.00 | 7.00 | 22.50 |
| :--- | :--- | :--- | :--- |

Magic Fire. 12-14 in. Blooms with Blaze of Fire, very vigorous growth

| .60 | 1.75 | 5.75 | 18.00 |
| :--- | :--- | :--- | :--- |

Rocket (Rakete). 15 in . A very early flowering scarlet variety just a little taller than Blaze of Fire.
.50
1.5 .50

| 1.25 | 4.50 | 15.00 |
| :--- | :--- | :--- |
| 2.00 | 7.00 | 22.50 |
| 1.50 | 5.50 | 18.00 |

## SALVIA - (Continued)

| MEDIUM. $16-20 \mathrm{in}$. <br> America (Globe of Fire). 18-20 in. Very popular variety; succeeds Firebrand in flowering. | $\begin{aligned} & \text { r. Pkt. } \\ & \text {; } \$ 0.50 \end{aligned}$ | $1 / 4 \mathrm{oz}$ $\mathbf{\$ 1}$ $\mathbf{1} .50$ | 1 oz $\$ 5.00$ | 4 oz \$15.00 |
| :---: | :---: | :---: | :---: | :---: |
| Rose Flame. 20 in . Rich coral pink, blooms with America. | . 60 | 1.75 | 5.50 |  |
| TALL. 24-30 in. |  |  |  |  |
| Zurich. 24 in . Free and early flowering variety | . 50 | 1.25 | 4.00 | 14.00 |
| Bonfire (Clara Bedman). 26 in. Dark green foliage, erect habit | . 50 | 1.25 | 4.50 | 15.00 |
| Extra Early Flowering Bonfire. 24 in. Very even growing and flowers about 10 days earlier than regular Bonfire. | . 50 | 1.50 | 5.00 | 16.00 |
| Splendens. 30 in . Tall growing scarlet. | . 40 | 1.25 | 4.00 | 12.50 |
| OTHER SALVIAS |  |  |  |  |
| Farninacea Blue Bedder. $3 \mathrm{ft} .24,000 \mathrm{~S}$. Deep blue with long stems for cutting. | . 35 | 1.20 | 4.00 |  |
| Farinacea Alba. 3 ft . White wilh long stems | . 30 | 1.00 |  |  |
| Microphylla. BABY SALVIA. 25,000 S. Grows dwarf and compact with olive-green foliage, closely imbricated. A profusion of pretty carmine blossoms open from whitebracted buds. Makes a splendid everblooming pot plant. 1/8 oz... <br> . $\$ 1.50$ | . 50 | 2.75 |  |  |

## SALVIA horminum

Pink Sundae. An attractive new Salvia producing brilliant rose-pink leaves at the end of each branch much in the same manner as Poinsettia Bracts. The habit of the plant is a compactbushy type which makes it very suitable in beds and borders. Also as a cutflower it has proved to be highly valuable. Height 24 inches.
Tr. Pkt...........................30c 1/4 oz.............................-90c 1 cz............................. $\$ 2.75$

SCABIOSA
DOUBLE LARGE FLOWERING (Pincushion Flower). 4500 S .

Azure Fairy. Azure-blue
Black Knight. Deep reddish black
Fire King. Bright scarlet
Loveliness. Salmon rose
Each: Tr. Pkt..............25c
$1 / 4 \mathrm{oz}$.

Oxford Blue. Excellent deep blue
Rosette. Deep rose suffused with salmon
Shasta Improved. Enormous pure white
Large Double Flowering Mixed. Fine blend of colors
50c 1 oz................ $\$ 1.70$
4 oz.
\$5.25
IMPERIAL GIANTS. Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball (no "pin cushion"). Plants are 42-48 inches tall, upright, and bear flowers on long wiry stems. A new race of Scabiosa.
Blue Moon, deep lavender blue, fine cut flower stems.
Bridesmaid, salmon pink shades. This new Scabiosa has everything, size of flower, vigor, grace, and a delicate freshness of color.
Coral Moon, full range of salmon rose from light to deep shades.
Lavender Moon, silvery lavender, a lovely new color in Scabiosa, long stems and beautiful large flowers.
Silver Moon, pure paper white.

Imperial Hybrids Mixed. Brilliant mixture of all colors in the new ball shape. Excellent for cutting. Tr. Pkt..............30c 1/4 oz..............50c 1 oz.............. $\$ 1.75$ 1/4 $\mathrm{lb} . . . . . . . . . . . . . . ~ \$ 6.00$

## SANVITALIA

Procumbens (Creeping Zinnia). 50,000 S. 4-6 in. Excellent low growing border plant with small, double yellow flowers. Tr. Pkt..................25c 1/4 oz................... 50c 1 oz.................... $\$ 1.75$

## SAPONARIA

VACCARIA. 5500 S. U'sed in same manner as Gypsophila. Rose White....................... 1 oz..................30c 4 oz................... $\$ 1.00$ I lb.................... $\$ 3.25$

## SCHIZANTHUS

50,000 S. Bushy plants with butterfly-like flowers. Sow in January for 3 inch blooming plants for spring combinations. A September to November sowing will produce larger pot plants for spring sales. Flowers can also be used in corsages.
*Angel Wings. A new variety and a great improvement over Dr. Badger's. Has more compact, conical plants of uniform, dwarf character. The blooms all have a distinct gold center contrasting with brighter and deeper colors than Dr. Badger's.
Tr. Pkt.........................50c $1 / 16$ oz............................. $\$ 1.00$ 1/8 oz................................ $\$ 1.75$
Dwarf Masterpiece. Dwarf and compact plants most suitable for pot culture. Medium-sized flowers

Dr. Badger's Improved. Compact plants with many one inch large flowers in beautiful shades.

Monarch Strain. An excellent strain of large flowered hybrids.
Tr. Pkt..............................50c 1/8 oz............................... $\$ 1.00$ 1/4 oz................................. $\$ 1.75$

## SHAMROCK

True Irish. 38,000 S. Tr. Pkt.
20c
1/4 oz.....................35c
1 oz.................... $\$ 1.20$
SMILAX
Asparagoides. 4,000 S. Popular greenhouse climber. Tr. Pkt....... 40c $1 / 4$ oz....... 75 c c 1 oz....... $\$ 2.50$ Myrtifolia. Handsome shining foliage, pretty pot trellis, fine to cut. 100 seeds....75c 500 seeds.... $\$ 3.50$

## SOLANUM

See Christmas Cherries, Christmas Peppers and Love Apple.

## STATICE

SINUATA. 350 flower heads per oz. Attractive annuals of easy culture. May be used in the fresh state or dried for everlasting bouquets.

Heavenly Blue. Bright, clear sky-blue, the color of Heavenly Blue Morning Glory, Market Grower's Blue. Deep blue. Lavender Queen. Pastel lavender. Market Rose. Deep warm rose. Kampf's Tall Improved. Brilliant deep blue. Rosea Superba. Rose.
Bonduelli. Large yellow flowers.
Snow White. Greatly improved white.
Each: Tr. Pkt. 25 c
 forcing. Tr. Pkt.

30 c


## STOCKS

## Improved Giant Bismarck (Imperial)

Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. The Bismarcks are generally superior in earliness and proportion of doubles.

Apple Blossom. Delicate pink. Elk's Pride. Rich purple. Lilac. Deep lilac-blue. All colors.

Blood-Red. Ruby-red. Golden Ball. Ivory-yellow. Rose. Bright rose-pink.

Chamois.
Lavender. Silvery-lilac.
Shasta. Clear white.

Above 10, each: Tr. Pkt............35c 1/8 oz.............60c $1 / 4$ oz............. $\$ 1.00 \quad 1$ oz.............. $\$ 3.75$
Santa Maria. (Giant of California). The best branching white Stock for all Florist purposes. The doubles percentage will average better than $70 \%$.
Tr. Pkt.
-..............35c
1/8 oz.
................. 75 c
1/4 oz.
$\$ 1.25$
1 oz.
$\$ 4.50$

## Large Flowering Dwarf Ten Weeks

Dwarf, compact, and early; used for bedding and pot plants.


EARLY CASCADE. A new dwarf non-branching single stem or Column Stock for bedding and cutflower uses. The sturdy columnar plants average 20 inches in height, coming into bloom 2-3 weeks earlier than the Dwarf Ten Weeks. The long spikes are densely packed with huge, double blooms. Tr. Pkt............ 40c $1 / 8$ oz............75c $1 / 4$ oz............ $\$ 1.50 \quad 1$ oz............ $\$ 5.50$

TRYSOMIC. $42,000 \mathrm{~S}$. Seed of Trysomic Stock will produce in excess of $86 \%$ doubles if properly handled, according to the following instructions:

Trysomic Stock singles are smaller and weaker than the doubles in the seedling stage, Therefore, the practice of sorting or segregating Trysomic Stock seedlings by size results in $\alpha$ division of plants into doubles and singles with but few borderline exceptions.

Through such sorting $86 \%$ of a grower's flats will be of a slightly higher double count. than the normal $86 \%$ from Trysomic Stock seed. Sorting of Trysomic seedlings into flats is $n$ tt recommended, take all plants as they come, they will produce about $86 \%$ doubles.
Trysomic 7 Weeks Mixed. For growing in warmer climates. Plant first throws a central spike of bloom some 6 inches or more in height, then goes to produce numerous side branches throughout its growing period, eventually forming an attractive branching plant from 12 to 15 inches in height, $1 / 2$ Tr. Pkt.......65c Tr. Pkt....... $\$ 1.25 \quad 1 / 8 \quad$ oz....... $\$ 2.25 \quad 1 / 4 \quad$ oz....... $\$ 4.25 \quad 1 \quad$ oz....... $\$ 16.00$
Trysomic Giant Imperial or Branching. For greenhouse forcing or out-door culture.

| Bright Rose | Canary Yellow | Chamois | Fiery Red | Lilac- Lavender |
| :---: | :---: | :---: | :---: | :---: |
| Navy Blue | White | Formula | Well balanced ble |  |
| Each: 1/2 Tr. | 65c Tr. Pkt... | $.251 / 8$ | 5 1/4 oz....... \$4.25 | $1 \mathrm{oz} . \ldots . \quad \$ 16.00$ |

## STOCKS-(Continued)



## STRAWBERRY

Harzland. (Runnerless). Improved Baron Solemacher. Small red fruits on fairly compact runnerless plants. Fine novelty pot plant for Mothers' Day and other holidays.
Tr. Pkt.
50c $\quad 1 / 16$ oz
$\$ 1.25$

## STREPTOCARPUS (Cape Primrose)

Wiesmoor Hybrids. These new hybrids represent something exceptional, the noble blooms, rich in their forms and colors resemble Orchids. Very showy in pots and excellent for cutting.
Tr. Pkt. (1000 seeds).
-\$1.25
3 Tr. Pkts.
\$3.25

## SWEET PEAS

( 350 seeds per oz.)

## EARLY OR WINTER FLOWERING SWEET PEAS

American Beauty. Crimsun-rose
Blue Supreme. Rich mid-blue.
Ball Orange Improved. Best clear orange.
Ball Rose Queen Impr. Clear rose.
Ball White. Large flowered, white seeded.
Boon. Large flowered cream salmon.
Daphne. Soft salmon-pink on cream.
Fiesta. Brilliant orange-cerise.
Grenadier. Poppy scarlet.
Harmony. Standard lavender.
Hiawatha. Deep rose; very large flowering
Hope. Pure white, black seeded.
1/2 oz.-...............30c $\quad 1$ oz.................. 55 c

Josie. Long stemmed clear rose-pink.
Laddie Improved. Long stemmed rose
Mrs. Herbert Hoover. Best bright blue.
Princess Blue. Rich light blue
Rhapsody. Rosy-lavender.
Sequoia. Rich golden cerise.
Susanne. Carmine red.
Top Hat. Deep bright violet-blue.
Treasure Island. Golden orange
Triumph. Long-stemmed, lilac-mauve.
Twilight. A bright clear lavender.
White Harmony. Long stemmed white.
$1 / 4 \mathrm{lb} . . . . . . . . . . . . . . . .-\$ 1.65 \quad 1 \mathrm{lb}$.
$\$ 6.00$

Early or Winter Flowering Mixture. A well balanced mixture of the above colors.
$\qquad$
25c
1 oz.................50c
$1 / 4 \mathrm{lb}$
$\$ 1.50$
1 lb .
$\$ 5.50$

## EARLY MULTIFLORA SWEET PEAS

This fine class of Sweet Pea is extremely vigorous and very early flowering. Given satisfactory growing conditions the husky stems will average 18 inches long and will carry from 5 to 8 giant
blooms per stem.

Blue Wonder. Medium, clear blue
Candleglow. Rose-pink, white ground
Christmas Red. Crimson
Dancer. Fine deep rose, white ground
Easter Parade. Pure white, white seeded
Elk's Purple. Deep purple
Geo. J. Ball. Deep coral-rose

Enchantment. Salmon pink, cream ground
Lavender. Clear lavender
Orange Cerise. Warm cerise
Rose Glory. Carmine rose, white ground
Whirlwind. Pale cream pink
Multiflora Mixed. A well balanced blend


## CUTHBERTSON STRAIN

These Spring Flowering Peas are highly recommended for outdoor planting because of their earliness combined with good stems, and more heat resistant than other varieties Mixture, well balanced blend. $1 \mathrm{oz} . . . . . . . . . . . . . . . . . .40 c \quad 1 / 4 \mathrm{lb} \ldots . . . . . . . . . . . . . . ~ \$ 1.20 \quad 1 \mathrm{lb}$

## CUTHBERTSON FLORIBUNDA

This new strain not only has the superior qualities of the Cuthbertson Sweet Pea - heat resistant, long stems, tall vigorous vines - but produces five or more large waved and fragrant flowers per stem, when properly grown. Widely planted for outdoor use and for spring greenhouse flowering. Mixture. Full color range. $1 / 2$ oz..........30c 1 oz.........50c 4 oz.......... $\$ 1.50 \quad 1 \mathrm{lb} . . . . . . .$.

## LATE OR SUMMER FLOWERING

Special Florists Mixture. A beautiful mixture of the brightest Spencers and the newest novelties, None better. Blended from Named Varieties.


## BURPEE'S GIANT HEAT RESISTANT

Mixed. All colors. Produce large, long-stemmed flowers in profusion throughout the summer.
$\qquad$

## SWEET PEA

Little Sweetheart. Plants are upright growing and form a perfectly rounded bush 8 inches tall with flowers of the large Spencer type. The compact little plants do not require any support. Blooms early and will continue flowering over a long period. Fine for bedding, borders or pot


## SWEET WILLIAM - Annual

Single Mixed. $30,000 \mathrm{~S}$. Fine for bedding and cut, plants grow about 15 inches high
Tr. Pkt. $20 \mathrm{c} \quad 1 / 4 \mathrm{oz}$,
*Wee Willie. See Dianthus

## TAHOKA DAISY

Beautiful, big lavender-blue Daisy with fern-like foliage. For all summer cutting, in bloom for months. Flowers, carried on good long stems, are many-rayed with long slender petals of pure lavender-blue with yellow center. Tr. Pkt.......30c $1 / 8 \mathrm{oz} \ldots \ldots . . .65 \mathrm{c} \quad 1 / 4 \mathrm{oz} \ldots \ldots . .$.

## THUNBERGIA

Alata (Black Eyed Susan Vine). 1150 S. Moderate-sized vine used as ground cover or low climber, with triangular leaves and 5-petaled tubular flowers in white and orange with dark brown eye.

Gibsoni. 500 S. Brilliant glowing orange flowers much larger than those of the Alata variety. 100 seeds.................................................. $\$ 1.75 \quad 500$ seeds............................................................ $\$ 7.50$

## TITHONIA

Torch. A quick-growing summer annual that thrives on hot weather, easy to grow as a Zinnia. Brilliant orange-scarlet flowers; fine for cutting; blooms from August until frost.

> Tr. Pkt.

40c
$1 / 4 \mathrm{oz}$.
75c
1 oz...

## TORENIA



## VERBENA GRANDIFLORA (Large Flowering) <br> ( 10,000 seeds per oz.)



These new "Bush Type" Verbenas rapidly becoming the most popular of all Verbenas. The dense flower heads are closely massed across the flat-topped plants, $8-10$ inches high.

|  | Tr. Pkt. | 1/4 Oz. | $1 \mathrm{oz}$. |
| :---: | :---: | :---: | :---: |
| Firelight. The most vivid red Verbena. | . 0.50 | \$1.00 | \$3.50 |
| Roselight. Bright rose pink with white eye. | . 50 | 1.00 | 3.50 |
| Salmon Queen. A most pleasing shade of bright salmon-pink | . 50 | 1.00 | 3.50 |
| Starlight. Bright mid-blue with a creamy white eye.. | . 50 | 1.00 | 3.50 |
| Snow White. Unexcelled as a snowy white ground cover or border plant. | . 50 | 1.00 | 3.50 |
| Bush Type Blend. In addition to the above, this mixture includes other colors selected from the originator's breeding grounds. | - 45 | . 85 | 3.00 |

## VERBENA DWARF UPRIGHT "Rainbow Strain"

New Earliest of all Verbenas, specially developed for the bedding plant trade. A wide and unusual range of colors including mauve, lavender and apricot.
Tr. Pkt.
.50 c
1/8 oz..
$. .75 \mathrm{c} \quad 1 / 4 \mathrm{oz}$.
\$1.25 1 oz.
$\$ 4.50$

## DWARF VERBENAS - SPREADING

Fireball. Bright fiery scarlet, extra dwarf, 6 inches. Tr. Pkt.......45c $1 / 4 \mathrm{oz} . \ldots \ldots \ldots 1.25 \quad 1 \mathrm{oz} . . . . .$.
SPARKLE TYPE. This class of Verbenas is unmatched for a neat, dwarf, compact habit. The plants are completely covered with giant sized florets throughout the entire season.
Crystal. Pure White. Tr. Pkt...........40c $1 / 8$ oz............75c $1 / 4$ oz............. $\$ 1.25 \quad 1$ oz............ $\$ 4.50$
Dazzle. New. Solid, scarlet-red grandiflora sized flowers, neat, bushy dwarf habit. Really an out-


Sparkle. Bright scarlet red with large white eye.

Splendor. Another new addition to the Sparkle class. Royal purple with a clear white eye. A great effect is obtained in mass bedding SPLENDOR with either of the above varieties. Tr. Pkt..................50c $1 / 8$ oz...................90c $1 / 4$ oz................... $\$ 1.75 \quad 1$ oz.................... $\$ 6.00$
Sparkle Mixture. A complete range of brilliant colors, mostly with white eyes.

*Ideal Florist Strain Mixed (Masterblend). Perfect for the bedding plant grower. Plants are dwarf and compact, start to flower very early and keep on blooming through the entire season. A wide range of bright colors, many with white eyes. Tr. Pkt.................40c $1 / 8$ oz...................75c $1 / 4$ oz................... $\$ 1.25 \quad 1$ oz................... $\$ 4.25$

## VARIOUS VERBENAS

| Venosa. 8-10 in | Tr. Pkt. | $1 / 4 \mathrm{oz}$. | 1 oz . |
| :---: | :---: | :---: | :---: |
| Erinoides. (Moss Verbena) 1 ft . Purple................... | \$0.30 | \$0.60 | \$2.00 |
| Bipinnatifida. Fern-leaved Verbena, 18 in . tall. Clusters of blue flowers produced freely from June until November. | . 30 | . 60 | 2.00 |
| Bonariensis 'Tobaty'. 36 in. An improved strain of 'Bonariensis'. <br> Lavender-blue flower clusters. Fine for cut. | . 30 | . 90 | 3.25 |
| Lemon Verbena (Aloysia citriodora). Sweet scented. | . 40 | 1.75 |  |

VINCA (Periwinkle)


# CREEPING VINCA 

## "Rose Carpet"

Just like ordinary rose colored Periwinkle, but distinctly different in its creeping habit instead of growing upright. Under favorable conditions, it practically covers the ground about two feet or more in diameter. Nice for borders, hanging baskets and for rock gardens, etc.

Tr. Pkt. ............................................. $\mathbf{\$ 0 . 4 5}$
$1 / 16$ oz. ......................................... . 85
1/8 oz. ................................................ 1.50
1/4 oz. ............................................... 2.75
1 oz. ................................................. 10.00

## Creeping Vinca "Rose Carpet"

Coquette (Little Pinkie). $21,000 \mathrm{~S}$. Rose-pink flowers, grows only 10 inches tall, very uniform, com-


| Rosea. The standard pink | \$0.25 | $\$ 0.55$ | \$1.90 |
| :---: | :---: | :---: | :---: |
| Alba Pura. Pure white.... | . 25 | . 55 | 1.90 |
| Alba Oculata. White with rose center. | . 25 | . 55 | 1.90 |
| Kermesina. Dark rose pink | . 30 | . 60 | 2.00 |
| Twinkles. Soft blush pink with red ey | . 25 | . 55 | 1.90 |
| Finest Mixed. Above colors.. | . 25 | . 50 | 1.75 |

## WALLFLOWER

Double Early Wonder. $15,000 \mathrm{~S}$. Blooms in about 4 months. Choice mixture in shades of yellow, gold and mahogany including bicolors. Tr. Pkt......... 30c $1 / 4$ oz..........65c 1 oz..........
\$2.20

## ZINNIAS

For bedding (flat sales) sow seed about 4 to 5 weeks ahead of time. For summer cuts wait till the ground is warm, they flower after 6 to 8 weeks.

Merry-Go-Round - the amazing new Zinnia for 1959. 3000 S. The large flowers, 3 to 4 inches in diameter are borne freely on dwarf, bushy 1 to $11 / 2 \mathrm{ft}$. tall plants. Perfectly ideal for bedding purposes. Flowers are of the Cactus and Semi-Cactus type of color and beauty never before seen in Zinnias - dazzling scarlet-red, edged snow white, clear deep purple, tipped pure white, or bases of the petals (florets) a brilliant fiery red, the outer $1 / 3$ to $1 / 2$ sparkling gold - many bright shades of pink, salmon, rose, edged pure white. A real bicolor Zinnia. The colors are not suffused, but sharp and abrupt contrasts. In many of the flowers there is even a third color at the very bases of the petals - a mystical shade of lavender. Many flowers are of such a distinctly heavy substance, as to feel as though made of glass. Hence, keep better as cutflowers than the larger, soft petalled varieties.
Tr. Pkt.
50c
$1 / 4 \mathrm{oz}$.
$\$ 1.50$
1 oz.
\$5.50
4 cz .
$\$ 17.50$

## ZINNIAS - (Continued)

Miss Universe. 3000 S. Very large, deep, full flowers in a wide color range - clear, bright colors and undreamed of sharp bicolors and surprise color blends. Strong and healthy plants with bushy growth, $1 / 3$ to $1 / 2$ less than the height of ordinary large flowered varieties. Under most conditions the plants develop no more than $11 / 2$ to 2 ft . in height. Branching is from the base of the plant, assuring ideal long-stemmed cut-flowers.
Tr. Pkt.
40c
$1 / 4$ oz.
85c
\$2.75
4 oz.
$\$ 9.00$

New Century Mixed. 3000 S. A Ferry-Morse development. The first polyploid Zinnia. Sturdy, erect growth. Huge double flowers in luminous shades of pink, rose, salmon, yellow, orange and gold. Startling new colors being added each year to make a complete color mixture. New Century and Miss Universe, we think, are the largest flowered Zinnias in existence.
Tr. Pkt.
40c
$1 / 4 \mathrm{oz}$.
75c
1 oz .
\$2.50
4 oz .
$\$ 8.00$

## GIANT HYBRIDS or GIANT CACTUS FLOWERED. 3000 S.

Ice Cream. The first truly pure cream Zinnia. Not a shade of yellow or white, but full-bodied cream. Giant formal cactus blooms up to 5 inches and more in diameter, deep and fully formed. "Cream" the color so rarely observed in but one or two of the recent Zinnia mixtures, is much prized, because it is the only color that combines with and has a tendency to harmonize with all other flower colors.

Plus-X-Cactus. Genuine $F_{3}$ Colcssal Hybrid Mixture. Derived by crossing the separate colors of the different Cactus varieties. With Plus-X-Cactus comes hybrid vigor, hybrid size and hybrid profusion. All in a wealth of new shades and bicolor effects found in no other Zinnia mixture. Extra large, double cactus-like flowers, 6 to 7 inches and more in diameter. borne on extra vigorous thrifty plants. A complete color range, beautifully balanced. Tr. Pkt.

40c
75c 1 oz .
\$2.75
\$9.00

Treasure Island. A genuine $\mathrm{F}_{3}$ hybrid Giant Cactus-Type with exceptionally large flowers, up to 6 and 7 inches or more in diameter. An eye-stopping mixture of bold, bright and colorful shades of scarlet, crimson and red, shades of orange, and pure yellow. Plants under average garden conditions grow about 3 ft . tall. Very early to flower, and continuous throughout the summer.
Tr. Pkt...............40c $1 / 4$ oz..................75c 1 oz.................. $\$ 2.50 \quad 4$ oz.................. $\$ 8.00$
Pride of Dieldrin. The sturdy plants carry a bountiful crop of 4 to 5 in . blooms with twisted and pointed petals. Flowers are bicolored with golden orange in the outer portion, deepening to the most vivid imaginable scarlet flame in the centers. A new color combination to the Giant Cactus Flowered Zinnia class.
Tr. Pkt.
40c
80c
$\$ 3.00$
4 oz.
$\$ 9.50$

## BURPEE HYBRIDS or GIANT CACTUS FLOWERED

Apricot. A new color in these Giant Hybrids or Giant Cactus flowered Zinnias - coral suffused apricot.
Tr. Pkt.
50c
$1 / 4 \mathrm{oz}$
$\$ 1.00$
1 oz.
\$3.00
4 oz.
\$9.00

Blaze. Newest, most vivid of the Burpee Giant Hybrid Zinnias. Outstanding for the uniform doubleness of its fluffy gracefully quilled petals which reach $51 / 4 \mathrm{in}$. across. Blaze bursts into bloom with a: profusion of brilliant mandarin-red flowers which soften to scarlet-orange as the flowers attain size. The fiery beauty is borne on free blooming, uniform plants 28 to 32 in . tall. Tr. Pkt..................50c $1 / 4$ oz................... $\$ 1.00$ l oz.................. $\$ 3.00 \quad 4$ oz.................... $\$ 9.00$
Burpee Gold. Saffron or golden yellow, large, chrysanthemum-like flowers, a new variety.

Eskimo. The large, loosely ruffled flowers open creamy white and change to white as they mature. Petals are long and narrow, slightly turned and faintly notched at the tips. They grow 5 in. and more across.
Tr. Pkt.
30c $\quad 1 / 4$ oz
60c 1 oz.
\$1.75 4 oz
\$5.25

Floradale Scarlet. Vibrant scarlet-red with a new and unusually graceful flower form. The giant flowers grow from $5-51 / 2 \mathrm{in}$. across on vigorous stems, 30 in . tall.
Tr. Pkt...............30c $1 / 4$ oz...................60c 1 oz................. $\$ 1.75 \quad 4$ oz.................... $\$ 5.25$
Kismet. Large, Persian red chrysanthemum or Cactus-like flowers, another new variety.

Sunny Boy. Rich buttercup-yellow flowers made up of many delightfully ruffled petals alive with color and brilliancy. Blooms grow 5 in . and more across.
Tr. Pkt.
.30c
$1 / 4 \mathrm{oz}$.
60c 1 oz.
\$1.75
4 oz.
$\$ 5.25$

## BURPEE GIANT HYBRID ZINNIAS - (Continued)

Riverside Beauty. Warm luminous azalea-pink flowers, $5-5 \frac{1}{2} \mathrm{in}$. across, $2-3 \mathrm{in}$. deep, of an airy, informal appearance, the petals twisted and gaily curled. Magnificent variety. Tr. Pkt,

30c $1 / 4$ oz.
60c $\quad 1 \mathrm{oz}$.
\$1.75
4 oz
$\$ 5.25$
Rosalind. Large, chrysanthemum-like flowers of rose-pink shading to rose.

Rosie O'Grady. A giant hybrid, has $41 / 2$ inch flowers with a deep rose center that shades towards the outer petals to a soft rose, creating a bicolor effect. The petals are attractively curled and twisted.
Tr. Pkt.
.50c
1/4 oz................. $\$ 1.25$
1 oz
\$4.50
4 oz.
\$15.00

Burpee Giant Hybrids Mixed. Immense fluffy and ruffled flowers with graceful, curled petals like those of a giant chrysanthemum. Georgeous range of colors and color combinations.

Glamour Girls. A pastel shades mixture of the giant chrysanthemum flowered hybrids.


## OTHER BURPEE ZINNIAS

Burpee's Super Giants. Finest mixed. Bigger and better than Dahlia Flowered Zinnias. The loveliest colors and combinations of colors ever seen.

David Burpee. Choice mixed. Curled and quilled petals. Flowers may be likened to chrysanthemums.

Luther Burbank. Blend of Giant Zinnias combining vigorous plant growth, large flowers and a wellbalanced range of the choicest pastel colors and color combinations.
Tr. Pkt.................25c 1/4 oz..................40c 1 oz.................. $\$ 1.20$ 1/4 lb................... $\$ 4.00$
Giant Tetra "Shades of Rose". Flowers, 6 inches and more in diameter. Lovely warm colors from salmon-pink through rose-pink and cerise-rose to cherry red seem to take on extra richness from the thick, velvety petals that are large and loosely arranged. Strong laterals with lush dark green foliage and long-stemmed blooms for cutting. 2 ft .


## LILLIPUT OR POMPONS

$4,500 \mathrm{~S}$. The Lilliputs are the most popular for cut flowers. Flowers are small, compact and symmetrical, on strong stemmed plants, $11 / 2$ to 2 ft . tall.

Black Ruby. Blackish-red.
Crimson Gem. Rich crimson.
Lilac Gem. Lavender.
Purple Gem. Rich purple.
Salmon Gem. Salmon rose.
Valencia. Burnt orange.

Collection: 1 tr. pkt. each of the above 12 varieties for $\mathbf{\$ 2 . 5 0}$.
Lilliput Finest Mixed. Special mixture of above varieties.

Lilliput Pastel Shades Mixture. All the lovely delicate pastel shades.


## LILLIPUT "TOM THUMB"

Finest Mixed. Nice range of colors. Plants 8-10 inches, compact, covered with well-formed flowers of the Lilliput type. A very satisfactory Zinnia for borders and pot plants.
Tr. Pkt
25c
$1 / 4$ oz.
50c
1 oz.................... $\$ 1.80$
4 oz.
\$6.50

## PUMILA DWARF DOUBLE (Cut and Come Again)

4000 S . This garden favorite is an important early cut flower. Intermediate flowers between Giants and Lilliputs. 2 to $21 / 2 \mathrm{ft}$.
 ZINNIA FANTASY

Finest Mixed. 4000 S. The rounded flowers, $21 / 2$ to 3 inches across, are composed of a mass of shaggy ray-like petals. Tr. Pkt.

25c
1/4 oz....................45c
1 oz .
$\$ 1.50$


## ZINNIAS

One of the most popular and easily grown annuals, Zinnias grow in most any soil, but do best in a sunny location and thrive on heat.

Most of our seed is grown by "Bodger's in California" introducers of the Dahlia Flowered and Califor. nia Giant or Mammoth types, therefore, insuring you of the best in Zinnias your money can buy.

From "Burpee's" another pioneer in the Zinnia field come the newer varieties - Burpee Hybrids - Super Giants - Floradale Beauty - etc.

Zinnias require $\alpha$ warm temperature, $65^{\circ}$ minimum-better, $70^{\circ}$ - to germinate satisfactorily.

Zinnia "Giant Dahlia Flowered"

## BODGER'S GIANT DAHLIA-FLOWERED

Canary Bird. Rich canary yellow
Crimson Monarch. Deep crimson
Dream. Orchid lavender
Eldorada. Salmon-apricot shades
Exquisite. Light rose, deep rose center
Golden Dawn. Clear golden yellow
Golden State. Rich orange-yellow
Illumination. A deep rose
Tr. Pkt...........25c 1/4 oz........... 40c

Luminosa. Bright deep pink
Meteor. Darkest of all reds
Oriole. Orange and gold
Polar Bear. Best white
Purple Prince. Deep purple
Royal Purple. Rich purple
Scarlet Flame. Orange-scarlet
Will Rogers. Brightest scarlet

SPECIAL OFFER. We furnish a collection consisting of 1 tr. pkt. each of the above 16 varieties for $\$ 3.25$, or a collection of 10 varieties , (your choice) for $\$ 2.25$.

Dahlia Flowered "Gold Medal Mixture." A formula mixture of the above varieties-not a fieldgrown mixture. The finest mixture of large flowered Zinnias.


## CALIFORNIA GIANT OR MAMMOTH

The plants are taller than the Dahlia Flowered type, $3-4 \mathrm{ft}$., with long stems which adapt it particularly for use as a cut flower. The flowers are very large and flat, giving a graceful effect.

Brightness. Bright pink.
Cherry Queen. Brilliant cherry rose.
Crimson Queen. Rich crimson.
Enchantress. Light rose, deep rose center.
Grenadier. Bright dark red.
Isabellina. Butter yellow.
Miss Willmott. Soft pink.
Orange Queen. Golden orange.
Purity. Best white in Zinnias.
Tr. Pkt..
.25c
$1 / 4$ oz............40c
1 oz.
\$1.35
$1 / 4 \mathrm{lb}$. $\qquad$ \$4.50
1 lb . $\qquad$ \$14.75

SPECIAL OFFER: A collection of one trade packet each of the above 17 varieties for $\$ 3.40$.
Giants of California Mixed. A special mixture of all Giant Mammoth varieties blended from separate colors.

Pastel Giants. Outstanding mixture of all the delicate pastel shades.
Tr. Pkt...................25z
40c
$1 \mathrm{oz} .$. $\qquad$ $1 / 4 \mathrm{lb}$.
$\qquad$

Dafodi improved. Canary yellow,
Golden Queen. Golden yellow.
Lavender Queen. Deep rosy lavender.
Orange King. Orange-scarlet.
Rose Queen. Striking deep rose.
Salmon Queen. Salmon rose.
Scarlet Queen. Glowing scarlet.
Violet Queen. Deep purple.

## ZINNIAS - (Continued)

Pink Lady. The first new color in California Giant Zinnias in many years. This pleasing variety combines delightful shades of shrimp pink in the center of the flower with cream or buff in the outer petals. Actually, each petal is pink as it opens, and in cool or cloudy weather remains pink as the flower expands. But exposed to the sun the petals gradually change to the cream or buff tones while the center of the flower continually produces more pink petals.
Tr. Pkt.
50c
$\$ 1.00$
$1 / 4 \mathrm{oz}$.
$\$ 1.75$
1 oz.
\$5.50

Ortho Polka. Imagine Peppermint Stick Zinnia with flowers double the normal size and you have Ortho Polka. Broad, fully double flowers with many large, well-separated petals. Colors in this bright mixture include combinations of pink and white, rose and white, red and white, lavender and white, purple and white, scarlet and yellow, orange and yellow, red and orange as well as some solidly colored flowers of each hue. An interesting extremely varied bright color mixture. Plants are sturdy, well-foliaged, vigorous and resistant to heat and drouth, growing about 3 ft . tall and making good cutting-length stems.
Tr. Pkt.
40c
1/4 oz...................75c
1 oz.
\$2.75
4 oz.
$\$ 10.00$

Peppermint Stick. Medium-sized, Pumila type flowers striped red and white, red and yellow, purple and white, etc. Approximately $70 \%$ striped flowers.

Red Riding Hood. Miniature deep scarlet flowers freely produced. Fine for bedding.

Gaillardia Flowered. (Navajo). Flowers resemble a Picta Double Gaillardia, in both form and colorings. Brightly colored perfect flowers, $11 / 2$ inches across.
Tr. Pkt.
30c
$1 / 4 \mathrm{oz}$.
50c
1 oz.
$\$ 1.75$

Scabious-Flowered. Bright shades of numerous medium sized flowers, resembling annual Scabiosa or Harmony Marigold. Excellent cutflower.
Tr. Pkt...............................30c $1 / 4$ oz..................................60c 1 oz.................................. $\$ 2.00$

## SUPER CROWN O' GOLD

Pastel Tints. Vastly improved strain of the Crown O'Gold type, with large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow. Flower type intermediate between Dahlia Flowered and California Giant.
Tr. Pkt.
25c
1/4 oz..
45c
1 oz.
\$1.50

## INDIAN SUMMER MIXTURE

Blend of California Giant and Dahlia Flowered varieties in rich autumn tones, such as bright reds, yellows and orange.


## "CUPID" ZINNIAS

These little button flowers on dwarf compact plants have a personality quite distinct from other Zinnias. Valuable for borders, rock gardens and as a pot plant.

| Goblin. Burnt orange. | Pixie. Canary yellow. Sn | Snowdrop. Pure white |
| :---: | :---: | :---: |
| Tiny Tim. Deep scarlet. | Finest Mixed. Mixture of above colors. | Snowdrop. Pure whit |
| Each: Tr. Pkt................25c |  | 50 - 0 z................. $\$ 5.00$ |

${ }^{\text {- Persian }}$ Carpet. ( $22,000 \mathrm{~s}$. per oz.). Fully double, ball-shaped flowers of the miniature type in a sparkling range of variegated color combinations. Flowers with cutting stems borne on low, mound-shaped border and edging plants.
Tr. Pkt.
30c
$1 / 8$ oz.
.50c
$1 / 4$ oz.
85c
1 oz.
$\$ 3.00$

Linearis. ( 123,000 seeds per oz.) Fine heat-resistant free blooming plant for edging and rock garden work. Height 8 to 10 inches. Neat, narrow leaves without the coarse appearance of the common garden Zinnia. The semi-double flowers are a bright orange with a lemon-yellow stripe through


Creeping Zinnia - see Sanvitalia.

## PERENNIAL FLOWER SEEDS

*INDICATES ROCK GARDEN VARIETIES


| AUBRIETIA (150,000 seeds per oz.) Tr | Tr. Pkt. | 1/4 oz. | 1 oz . |
| :---: | :---: | :---: | :---: |
| Graeca. 6 in. Light blue, free blooming | \$0.2 | \$0.80 | \$3.00 |
| *Hendersoni. 6 in. Deep purple flow | . 25 | . 80 | 3.00 |
| *Leichtlini. 6 in. Large flowered, rosy | . 25 | . 80 | 3.00 |
| *Large Flowered Hybrids Mixed. 6 | . 25 | . 80 | 3.00 |
| *Double \& Semi-Double Hybrids Mixed................................\|1/8 oz., \$1.50 | . 50 |  |  |
| BABY'S BREATH. See Gypsophila Paniculata. |  |  |  |
|  |  |  |  |
| BAPTISIA-Australis. 1700 S . (False Indigo). 3 ft . Showy racemes of peashaped indigo-blue flowers | . 25 | . 50 |  |
| BELLIS-PERENNIS (Double English Daisy). Fine for spring and early summer bedding. |  |  |  |
| SUPER GIANTS. Plants produce one enormous fully double central bloom measuring $21 / 2$ to 3 in . across; later flowers are somewhat smaller. |  |  |  |
| Crimson Giant Rose Giant White Giant Super Giant Mixed MONSTROSA. Fully double 2 in . flowers, freely produced with longer siems than Super Giants. | . 40 | 1.75 | 6.50 |
| Red Rose White Double Mix | 35 | 1.25 | 4.50 |
| BOLTONIA-Latisquama. 4-5 ft. Airy, starry Aster blossoms, delicate pink about 1 in . across. Blooms for some 2 months in late summer. |  |  |  |
| Buffalo Rose) <br> *Involucrata. Low perennial trailer for rock gardens, banks, carpeting |  |  |  |
|  |  |  |  |
| CAMPANULA (Bell Flower) |  |  |  |
| *Carpatica (Hare Bell). 10 in . Wide, cup-shaped upright blooms are borne on slender, branched erect stems. Light violet blue. Plants are leafy, compact clumps. |  |  |  |
| *Carpatica "White Star". 10 in . Large, white flowers...........1/8 oz. \$1.25 |  |  |  |
| Fragilis. Blue Star of Bethlehem. Fine for hanging baskets, $1 / 16 \mathrm{oz}$. \$1.00 ${ }^{\text {-Garganica Major. }} 4 \mathrm{in}$. Low spreading tufts with |  |  |  |
| flowers having a white eye.......................................... $/ 16 \mathrm{oz}$. \$1.40 |  |  |  |
| Macrantha (Latifolia). 40 in . Large flowered blue..................1/8 oz. $\$ 1.00$. 35 1.75 *Rotundifolia Olympica (Scotch Blue Bell). 9-12 in. Bright blue bells from |  |  |  |
|  |  |  |  |
| Persicifolia (Peach Bell). 30 in . Large, bell-shaped flowers in June and |  |  |  |
|  |  |  |  |
| Telham Beauty. Large bells of China blue.......................1/8 oz. \$1.00Pyramidalis (Chimney Campanula). 5 ft . |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Medium Calycanthema (Cup and Saucer). 3 ft . Biennial |  |  |  |
|  |  |  |  |
| Medium Single (Canterbury Bells). 3 ft . Biennial |  |  |  |
| Dark Blue Light Blue Rose White Finest Mix | . 20 | 30 | . 90 |
| Medium Double. 102,000 S. |  |  | . 90 |
| Blue Rose White Finest Mixe | . 30 | 65 |  |
| IDYTUFT. See Iberis. |  |  |  |
| CARNATION-Grenadin Double. 20 in . Fine for cutting |  |  |  |
|  |  |  |  |
| Cardinal Red Golden Sun Snow White Triumph Pink | . 40 | 1.50 | 5.00 |
| Finest mixed, well-balanced. | . 35 | 1.25 | 4.50 |
| Dwarf, Bright Scarlet. 14 in | . 40 | 1.50 | 5.00 |
| Earliest Dwarf Vienna Finest Mixed. 14 in. Excellent strain | . 3 | 1.25 | 4.50 |
| Teicher Strain. We can highly recommend this giant flowered Carnation for the most critical florist trade. Immense flowers on long |  |  |  |
|  |  |  |  |
| Excellent everlasting cut-flower. | . 25 | . 50 | 1.75 |
| CENTAUREA-Montana. 24 in . Large cornflower-blue flowers. | . 20 | . 35 | 1.25 |
|  | . 25 | . 40 | 1.25 |
| Macrocephala. 3 ft . Golden yellow flowers.............. | . 30 | . 50 | 1.50 |
| $\begin{array}{lllllll}\text { Ruthenica. } 4 \mathrm{ft} \text {. Light yellow flowers; excellent new variety. } 1 / 8 \text { oz. 75c } & \mathbf{. 5 0} & \mathbf{1 . 5 0}\end{array}$ |  |  |  |
| CERASTIUM-"Tomentosum (Snow-in-Summer). 10-12 in. Abundant white flowers with silvery leaves; excellent dwarf bedding perennial.......... $25 \quad 150$ |  |  |  |
| CHEIRANTHUS (Siberian Wallflower)-Allioni. 18 in . Brilliant orange........ | . 20 |  | . 45 |
| Golden Bedder. 18 in. Deep golden yellow, large flowers. | . 20 |  | . 75 |
| CHRYSANTHEMUM-Glory Mixture. Wide range of brilliant colors founded upon crosses of the Azaleamums, Koreans, Indicums, Morifoliums and |  |  |  |
| Arctic Hybrids...................................................................-.1/8 oz., \$2.00 | 1.00 | 4.00 |  |
| Korean Hybrids. A fine strain of single and semi-double types of varied brilliant colorings. $\qquad$ $1 / 8 \mathrm{oz}$. $\$ 2.00$ | Korean Hybrids. A fine strain of single and semi-double types of |  |  |

COREOPSIS. $11,000 \mathrm{~S}$.
Double Sunburst (New Gold). Large, 2-in., golden yellow flowers............ \$0.20 ..... $\$ 0.30$ ..... $\$ 1.00$
CRUCIANELLA (Crosswort)-Stylosa. Bright Mallow-rose, for rock gardens
80cTr. Pkt. $\quad 1 / 4 \mathrm{Oz}$.
1 oz.
DAISY, SHASTA (Chrysanthemum Leucanthemum)
Alaska. The stancard Shasta Daisy. ..... 201.50
5.50
May Queen. The earliest and one of the finest Shasta Daisies on themarket, it tlowers at least 4 weeks earlier than any other kind....40
Mayfield Giant. Large flowered, blooms end of June.. ..... 20 ..... 2035
1.25
Diener's Giant Double White. 24,000 S. A reselected strain producingabout $50 \%$ doubles that should be propagated by divisions.$.45 \quad 1.50$G. Marconi Double Giant White. Largest flowered and finest doubleShasta Daisy strain. Flowers average about 5 in . across andcarried on 30 in. stems. ..................... $1 / 16$ oz., $\$ 1.00$ 1/8 oz., $\$ 1.75$DELPHINUM-Belladonna "Cliveden Beauty". Light Blue..................................... 0.40
Bellamosum Improved. Large, deep blue flowers. ..... 40Blackmore \& Langdon Hybrids. Excellent free-flowering hybrid strain.Shades of blue with contrasting bees....................................................Chinensis Blue Mirror. Bright navy-blue flowers without spurs. Fine40351.25
10.003.0050
for low borders and for cutting, 12-15 in.- ..... 40Lamartine. Rich, deep blue flowers with pure white eye
3.001000
$\$ 1.00$ ..... \$3.75
3.75.Sapphire. A shade lighter and brighter than Bellamosum with a goldenbee. Immense florets50Wrexham or Hollyhock Strain. Enormous spikes of large single anddouble blooms in light and dark shades 50
DELPHINIUM-GIANT PACIFIC HYBRIDS Tr. Pkt.Blue Bird Series. Clear medium blue, white bee........................... $\$ 1.25$ \$2.5
1.25 ..... \$2.50Black Knight Series. Deep mid-night violet...
Blue Jay Series. Brilliant true medium blue, dark bee.. ..... 25 ..... 2.50
Cameliard Series. Pure lavender self, white bee ..... 1.25
Galahad Series. The finest clear white Delphinium. ..... 1.252.50 ..... 1.25
Guinevere Series. Pinkish-lavender with white bee.
Guinevere Series. Pinkish-lavender with white bee.
King Arthur Series. Royal violet with white bee. ..... 1.25 ..... 2.50
2.502.502.50
Lancelot Series. Clear lilac self with white beePercival Series. Large glistening white flowers with stronglyPercival Series. Large glistening white flowers with stronglycontrasting black bees$1.25 \quad 2.50$1.003.75
Summer Skies Series. Clear light blue with white bee. ..... 1.25 ..... 2.501.003.75
1.25 ..... 400
Round Table Series. A noble mixture, which contains many new and interesting color types not yet introduced.............1.25
Dark Blue Shades Dark Violet Shades.2.50$\begin{array}{ll}4.50 & 15.00\end{array}$
Lavender Pastel Shades Light Blue Shades. ..... 2.00
Giant Pacific Hybrids Mixed. Mixture of all colors ..... 2.0011.00
3.50
3.50Astolat Series. Contains these new shades in variety, paleblush, lilac pink, deep raspberry rose, with brown, fawn,and black bees for contrast.1.25$2.50 \quad 4.50 \quad 15.00$
Tr. Pkt. $1 / 4$ oz. $\quad 1 \mathrm{oz}$.
DIANTHUS-*Allwoodii Alpinus Mixed. Single flowers in shades of pink. Blooms in early June. 9 inches.....................................1/8 oz.....75c $\$ 0.35$
Caesius Double Rose. 5 in. (Double Cheddar Pink)....1/32 oz., $\$ 2.00$ ..... 1.00
*Caesius Grandiflorus. 6 in. (Cheddar Pink). ..... 30
*Caesius Splendens. 6 in. Purple.......................................1/8 oz., 75c ..... 40
$\$ 1.50$ ..... \$5.50 ..... $.75 \quad 2.50$ ..... $1.50 \quad 5.25$ ..... 1.00 ..... 3.75 ..... 1.25 ..... 4.50

| .40 | 1.40 | 5.00 |
| ---: | ---: | ---: |
| .15 | .40 | 1.35 |
|  |  |  |
| .40 | 2.75 | $\ldots . . .$. | ..... 2.75*Deltoides Erecta. 6 in. (Maiden Pink.) June-flowering. Bright red.......... . 30*Highland Hybrids. 12 in . Magnificent strain of large flowered hardyPinks. Vivid colorings, rich in varied shades and applications ofpink and rose.30*Knappi. 14 in . The yellow Pink, flowers in clusters of real lemonyellow40

Plumarius Double "Spring Beauty." Extra double giant flowered pinks in splendid color-variation. ..... 30Plumarius "Scoticus" Double. Special Florist strain. Self colors ofvarious tints of pink, rose, salmon and white, others with brightcrimson zone. Free flowering, 12-15 in. stems....................1/8 oz. 75cPlumarius Single Mixed. (Clove Pink) 20 in. Sweet scented......................401.25
DIANTHUS BARBATUS (Sweet William). 24 in .
Dark Crimson (Nigrescens). Darkest color ..... 20
351.25
Holborn Glory. Striking combination of crimson and white ..... 2035
Newport Pink. (Pink Beauty). $\AA$ very fine shade.1.75

|  | Tr. Pkt. | 1/4 oz. | 1 oz . |
| :---: | :---: | :---: | :---: |
| DIANTHUS BARBATUS (Sweet William) - Continued |  |  |  |
| Purple Beauty. A rich, deep color. | \$0.25 | \$0.45 | \$1.50 |
| Scarlet Beauty. Intense scarlet red | . 30 | . 50 | 1.75 |
| White. Large flowering. | . 20 | . 35 | 1.25 |
| Single Finest Mixed. All colors in this | . 20 | . 35 | 1.25 |
| Super Duplex Double Choice Mixed. Extra double and large flowered; bright color range | -. ${ }^{\text {\% }}$. 25 | . 50 | 1.75 |
| *Single Midget Mixed. 6-8 in. Fine for rockeries. | . 35 | 1.00 | 3.50 |
| *Double Midget Mixed. 6-8 in. Double strain of | . 30 | . 75 | 2.75 |
| *Double Midget Crimson. 6-8 inches. | . 35 | 1.00 | 3.75 |
| DICENTRA. Frost germinator. <br> Spectabilis (Bleeding Heart). 6000 S. Heart-shaped pink flowers. <br> $1 / 32$ oz........... $\$ 1.35 \quad 1 / 16$ oz............ $\$ 2.50 \quad 1 / 8 \quad$ oz............. $\$ 4.50 \quad .75 \quad 8.50$ <br> Eximia (Plumy Bleeding Heart). 16,000 S. 12 in. Rosy pink...................... . . 50 1.50 |  |  |  |
|  |  |  |  |
|  | 1.00 | 9.00 |  |
| Eximia. 12 in . (Plumy Bleeding Heart). Rose-pink | . 35 | . 85 | 3.00 |
| dictamnus-Fraxinella. (Gas Plant) 30 in. Pink with dark veins Alba. 30 in . White. | .25 .50 | . 50 | 1.75 |
| dIGITALIS (Foxglove)-Excelsior Hybrids. A distinct new strain with florets carried either horizontal or nearly erect. The effect of the markings and blotches is fully revealed. A wide range of beautiful colors. Strong, heavily laden spikes reach a height of $5-6 \mathrm{ft}$.. |  |  |  |
| Gloxinaeflora Giant Shirley Mixed. 4 ft . Large flowered | . 20 | . 45 | 1.50 |
| DORONICUM (Leopard's Bane)-Caucasicum. 2 ft . Yellow, early, excellent for cutting. $\qquad$ Caucasicum, Magnificum. 20 in . Golden yellow, larger flowering. <br> $1 / 8 \mathrm{oz}$. $\qquad$ \$1.25 | .50 .75 | 1.50 2.00 | 5.50 6.50 |
| DRYAS (Mountain Avens). <br> *Octopetala. 6 in. White anemone-like flowers.................1/8 oz., \$1.50 | . 75 | 2.50 |  |
| ECHINOPS-Ritro. (Globe Thistle). $4-5 \mathrm{ft}$. Metallic blue flower heads 2 in . across. Can be dried for winter bouquets. | . 20 | . 35 | 1.00 |
| EDELWEISS. See Leontopodium. <br> ERIGERON (Fleabane or Midsummer Daisy). Aurantiacus Hybridus. Pretty colors, fine for cut.........................................................................-1/16 oz. 75c |  |  |  |
|  |  |  |  |
| ERINUS-(Liver Balsam or Roman Wallflower) <br> *Alpinus. 6 in. Violet red, for rock gardens |  |  |  |
| EUPHORBIA-*Myrsinites. Fine dwarf succulent-like silvery green foliage. Large heads of yellow flowers. $\qquad$ 1/8 oz., 85c *Polychroma. 15-18 in. Bushy plants with bracts of bright yellow changing to rosy bronze. $\qquad$ 1/16 oz., \$1.00 | .35 .50 | 1.50 3.00 |  |
| FEVERFEW. See Matricaria. FORGET-ME-NOT. See Myosotis. |  |  |  |
|  |  |  |  |
| Burgundy. Beautiful wine-red. Most brilliant Gaillardia- | . 30 | . 65 | 2.25 |
| Dazzler. Golden yellcw with maroon-red center | . 25 | . 50 | 1.75 |
| Sun. (New). Golden yellow to orange plain deep sungold, brilliant counterpart to "Burgundy" | . 35 | . 90 | 3.25 |
| Monarch Strain Finest Mixed. A robust strain producing fine large flowers; bright color range. | . 20 | . 40 | 1.50 |
| Portola Hybrids Mixed. Fine standard hybrid mixture. <br> *Goblin. 12 in . Dwarf, compact strain for decorative bedding and border work $\qquad$ | .20 .25 | . 40 | 1.50 2.25 |
| GENTIANA |  |  |  |
| GEUM (Avens)-Lady Stratheden. 24 in . Double, golden yellow | . 30 | . 75 | 2.70 |
| Mrs. Bradshaw. 24 in . Double, glowing sc | . 30 | . 75 | 2.50 |
| Borisii. Orange-scarlet flowers. ........................................1/8 oz., \$1.50 | . 75 | 2.75 |  |
| GYPSOPHILA-Oldhamiana. 30 in . Light pink feathery flowers with sil- |  |  |  |
| *Repens. 6 in. White, fine for rock gardens. | . 25 | . 75 | 2.40 |
| *Repens. 6 in . Rose, fine for rock gardens. | . 25 | . 75 | 2.40 |
|  | . 35 | 1.20 | 4.00 |


| HELENIUM-Hoopesi. 28 in . Golden orange in early summer | $\begin{aligned} & \text { Tr. Pkt. } \\ & \text { \$ } \$ 0.25 \end{aligned}$ | $\begin{aligned} & 1 / 4 \text { oz. } \\ & \$ 0.65 \end{aligned}$ | 102 \$2.25 |
| :---: | :---: | :---: | :---: |
| HELIANTHEMUM (Sun or Rock Rose)-"Mutabile. 8-10 in. Various colors; very attractive dwarf evergreen rock plant. | ; . 20 | . 40 | 1.50 |
| HELLEBORUS (Christmas Rose). 14 inches. Frost germinator. <br> Niger. Large, white flower cups. Freeze seed before sowing or sow late fall | - .30 | . 50 | 1.75 |
| HESPERIS (Sweet Rocket)-Matronalis. $3-4 \mathrm{ft}$. Sweet scented violet flowers.... | . 20 | . 30 | . 90 |
| Matronalis White. 3-4 | . 20 | . 30 | . 90 |
| HEUCHERA (Coral Bells)-Sanguinea. 28 in . Crimson.-......... $\frac{1}{16}$ oz. \$1.50 | . 50 |  |  |
| Sanguinea Splendens. 28 in. Brıght vermilion red............ $1 / 16$ oz. \$1.75 | 5 . 50 | ....... |  |
| Sanguinea Hybrids Mixed. 28 in. Many varieties mixed, very <br> effective. $\frac{1}{16}$ oz.......................... $\$ 1.75$ 1/8 oz.......................... $\$ 3.00$ | . 50 | -..-- |  |
| HIBISCUS (Mallow Marvel)-Avalon Hybrids. 4 ft . New hybrid strain, wonderful color variations, full hardiness. Finest of all. | -. 40 | . 80 | 3.00 |
| Mallow Marvels Mixed. 4 ft . Magnificent colors from pale blush, through pink, rose, pure white and rich crimson | . 25 | . 50 | 1.80 |
| HIERACIUM-*Villosum. Yellow flowers, silvery foliage. Fine for rock gardens, blooms June/July. $1 / 32$ oz............ $\$ 1.50$ 1/16 oz............ $\$ 2.75$ | . 75 |  |  |
| HOLLYHOCK-CHATER'S DOUBLE. The standard double Hollyhock. |  |  |  |
| Chamois Crimson Scarlet Newport Pink |  |  |  |
| Deep Rose Salmon Rose Maroon Yellow |  |  |  |
| White | . 30 | . 55 | 2.00 |
| Chater's Double Mixed | . 30 | . 55 | 1.75 |
| Double Triumph Supreme. Color range of unsurpassed variety. Full double blooms gracefully waved and fringed. If sown indoors in February and transplanted to the open in spring, all plants will flower nicely the same summer. | 1 1 -.30 | . 50 | 1.80 |
| Imperator Mixed. Double crested "Tuberous-Begonia-Flowered" | . 30 | . 55 | 2.00 |
| HYPERICUM-*Olympicum. 8 in . Golden yellow, fine for rockeries | . $\$ 1.00$ |  |  |
| *Polyphyllum. Dwarf, spreading yellow | 1.00 |  |  |
| IBERIS (Hardy Candytuft)-*Gibraltarica. 12 in . Large flowered | . 20 | . 35 | 1.25 |
| *Sempervirens. 12 in . White, blooms in May | . 35 | 1.00 | 3.50 |
| *Jucunda. 4 in. Pretty, dwarf, pink, true, rare, 1/16 oz. \$1.50 1/8 oz. \$2.75 | 5 . 50 |  |  |
| INCARVILLEA.-Grandiflora Brevipes. 2 ft . Brilliant dark rose flowers | . 60 | 1.40 | 5.25 |
| Delavayi. $2 \mathrm{ft}$. Large, Gloxinia-like, rosy purple flowers | . 60 | 1.50 | 5.50 |
| IRIS-Dichotoma (Vesper Iris). Fragrant flowers in assorted colors. Blooms from July to early September. | S . 35 | . 70 | 2.40 |
| Kaempferi. A choice strain in a wide variety of color | . 35 | . 70 | 2.40 |
| KENILWORTH IVY (Linaria Cymbalaria). Small lilac-blue flowers on trailing stems; fine for rock-gardens or baskets. | - 30 | . 75 | 2.50 |
| LATHYRUS-(Hardy Sweet Pea) |  |  |  |
| Pink Pearl Red Pearl White Pearl Mixture. | . 25 | . 50 | 1.80 |
| AVANDULA-*Munstead Strain. 12 in. Large, sweet scented flowers in abundance, a month earlier than the common lavender. An improved Vera | - 40 | 1.00 | 3.75 |
| LEONTOPODIUM (Edelweiss)-*Alpinum. 6 in..........................-- $-\frac{1}{16}$ oz. $\$ 1.00$ LIATRIS (Gay Feather). 9,500 S. | . 50 | ...--- |  |
| Pycnostachya, 4 ft . Long flower spikes of rosy purple | . 35 | . 75 | 2.75 |
| Scariosa Sow White. Blossoms of purest swansdown whiteness | . 50 | 1.25 | 4.50 |
| Spicata (Blazing Star). 21/2 ft. Purple rose. | . 30 | . 70 | 2.50 |
| ILIES-White Queen. Long trumpet flowers of clear white produces in 16-18 months from seed. . $1 / 8 \mathrm{oz} . \$ 2.50$ | 1.10 | 5.00 |  |
| Formosanum Giant Flowered White. 4-6 ft. An improved form of Philippine Lily | f. 60 | 1.00 | 3.50 |
| Henryi. Orange, spotted brown. For best germination freeze seed in flat for about 4 weeks at about $30^{\circ}$ $\qquad$ | . 1.00 | 2.25 | 7.50 |
| Regale (Regal Lily). Large trumpet-shaped white flowe | . 25 | . 60 | 1.50 |
| Tenuifolium (Coral Lily). 18-20 in. Showy glossy scarlet flowers of medium size. May flowering. | f 40 | 1.00 | 3.25 |
| INARIA-(Tcadflax). *Alpina. $21 / 2$ inches. Violet blotched orange. Fine for rock gardens. $1 / 32$ oz................. $\$ 1.75 \quad 1 / 16 \mathrm{oz} . . . . . . . . . . . . . . . . . . . ~ \$ 3.25$ Cymbalaria. See Kenilworth Ivy. | r 75 |  |  |
| UM (Perennial Flax). 8,500 S. |  |  |  |
| Perenne. Pretty blue flowers on slender stems, 30 inches | . 20 |  | . 65 |
| Narbonense. 30 in . Heavenly blue, large flowers. | . 40 | 1.00 | 3.50 |
| Collinum. 12 in . Large, satiny blue flowers, much dwarfer growing than |  |  |  |
| Perenne | . 40 | 1.00 | 3.25 |
| *Flavum. 12 in . Golden yellow; fine for rock gardens | . 25 | . 45 | 1.50 |
| "Flavum Compactum. 8 in . Golden yellow with deep green foliage. Fine for rockeries and edgings. | - 30 | . 70 | 2.50 |
| LOBELIA (Cardinal Flower). $725,000 \mathrm{~S}$. |  |  |  |
| Cardinalis. 3 ft. Fiery cardinal-red. ....................................1/8 oz. 75c | . 40 | 1.35 | 5.00 |
| LUNARIA-BIENNIS (Honesty or Money Plant) White | . 20 | . 30 | 1.00 |
| Biennis Purple. 4 ft . Lilac purple. | . 20 | . 30 | 1.00 |




| STATICE (Sea Lavender) Tr | Tr. Pkt. | 1/4 oz. | 1 oz . |
| :---: | :---: | :---: | :---: |
| Latifolia. 30 in . The standord hardy blue Statice. | \$0.30 | \$0.60 | \$2.25 |
| Dumosf. 18 in. Dense cushions of silvery gray | . 40 | \$0.60 | $\$ 2.25$ 3.00 |
| STOKESIA (Stoke's Aster) |  |  |  |
| Cyanea. 16 in. Large blue flowers | . 35 | . 75 | 2.75 |
| SWEET WILLIAM. See Dianthus Barbatus. |  |  |  |
| THALICTRUM (Meadow Rue) |  |  |  |
| Aquilegifolium hybridum. 3 ft . Mixed colors |  |  |  |
| Dipterocarpum. $3^{11 / 2} \mathrm{ft}$. Lilac-rose flowers in earis | . 30 | . 65 | 2.35 |
| THERMOPSIS-Caroliniana. Richest golden yellow terminal spikes, long <br> and massive |  |  |  |
|  |  |  |  |
| Mirabilis Hybrids. Yellow and orange shades; blooms first year from an early sowing. |  |  |  |
|  | --- . 25 | . 60 | 2.00 |
| Uvaria Grandiflora. Fiery red with yell | . 30 | . 65 | 2.25 |
| TROLLIUS (Globe Flower) |  |  |  |
| Ledebouri. Golden orange...............................................-1/8 oz. $\$ 1.10$ | . 40 | 2.00 | 7.50 |
| New Hybrids Mixed......................................................1/8 oz. \$1.10 | . 40 | 2.00 | 7.50 |
| Soak Trollius seed in hot water for 30 minutes before sowing or over-winter outdoors for good germination. |  |  |  |
| TUNICA-*Saxifraga. 10 in . Lilac rose, for rock-work................................. | ... . 25 | . 45 | 1.50 |
| VERBASCUM (Mullein). Phoeniceum Hybrids Mixed. Fine color range, 3 ft . Olympicum. 6 ft . Yellow, woolly leaves. | ft. $\quad .25$ | . 55 | 1.50 2.00 |
|  | VERBENA Bonariensis "Tobaty". 36 in. An improved strain of "Bonariensis". Upright growing, slender branched stems with numerous rosy lavender flower clusters. Germination is slow, full 6 weeks unless sown in temperature of 75 degrees. $\qquad$ 1/8 oz. $\$ 1.00$ |  |  |  |
|  |  |  |  |  |
| VERONICA (Speedwell) |  |  |  |
| *Incana. 12 in . Ageratum-blue, for bedding | . 30 | 1.50 | 5.50 |
| Longifolia. 30 in . Compact clusters of blue flowers | . 15 | . 50 | 1.75 |
| *Repens. 2 in . Whitish with a very light lavender overcast, very early | ly . 50 | 3.00 |  |
| *Spicata Coerulea. 18 in. Blue, fine for rocke | . 25 | . 60 | 2.00 |
| VIOLA-*CORNUTA. Perfectly hardy, fine for bedding. |  |  |  |
| Georgia Peach. New bright shades of delicately peach colored, exceptionally large blooms, slightly ruffled on the edges.... $1 / 8$ oz., $\$ 1.25 \quad \$ 0.50 \quad \$ 2.40 \quad \$ 8.00$ |  |  |  |
| Admiration. Large flowered, dark blue. | . 35 | 1.50 | 5.00 |
| Arckwright Ruby. Maroon-scarlet with dark center............-1/8 oz. \$1.00 | 0 . 50 | 1.75 | 6.00 |
| Blue Perfection. Large flowered clear medium blue..---...................... | . 35 | 1.50 | 5.00 |
| Chantreyland. Pure apricot; extra large flowered............--1/8 oz. \$1.00 | - . 50 | 1.75 | 6.00 |
| Jersey Gem. Deep blue, large flowered. 1/16 oz., 90c 1/8 oz., \$1.65 | 5 . 50 | 3.00 | 9.00 |
| King Henry. (Purple King). Rich violet blue with small yellow eye... | . 35 | 1.50 | 5.00 |
| Lutea Splendens. Clear golden yellow flowers. | . 35 | 1.25 | 4.25 |
| Papilio. Violet-blue with creamy yellow blotch and stripes. | . 35 | 1.25 | 4.25 |
| Scottish Yellow. Large flowered, pure golden yellow retaining size and freedom of bloom through a long season. $\qquad$ 1/8 oz. $\$ 1.50$ | . 50 | 2.75 |  |
| White Perfection. Pure white flowers............................................................ | . 35 | 1.25 | 4.25 |
| Yellow Gem. Pure, golden yellow rounded flowers on extremely compact plants. $\qquad$ $1 / 8 \mathrm{oz} . \$ 1.00$ | ct $\quad .50$ | 1.75 | 6.00 |
| Large-Flowered Mixture. Formula blend of the brighest shades... | . 35 | 1.25 | 4.25 |
| Toyland. A new $F_{2}$ Hybrid Viola Mixture. Huge full round and rich 2inch blooms, gracefully waved, and borne profusely with typical hybrid vigor on sturdy compact plants. Pure colors and combinations of mahogany red, gold, blue, purple, violet, black and white. <br> An outstanding novelty. $1 / 16 \mathrm{oz}$. $\qquad$ \$1.25 <br> 1/8 oz. $\qquad$ \$2.25 | 2- <br> al <br> a- <br> a- <br> e. <br>  | 4.00 |  |
| Bambini. A new and remodelled type of the old Scotch mixture. Plants are of compact, upright habit and extremely free-flowering. Color range, mainly of pastel character is very bright and gay and includes many unique shades. $\qquad$ 1/8 oz. \$1.00 |  | 1.75 | 6.00 |
| VIOLA-*Various Types <br> "Johnny Jump Up Improved or Blue Elf. Three colored blooms of deep violet, light blue and gold. $\qquad$ 1/8 oz. \$1.25 | P . 40 | 2.25 |  |
| *Nigra (Black Imp.). Little Pansy, small black flowers........1/8 oz. \$1.00 | . 40 | 1.90 |  |
| Odorata Semperflorens. Blue Sweet Violet........................1/8 oz. \$1.00 | . 40 | 1.90 |  |
| VISCARIA. See Lychnis. |  |  |  |
| YUCCA (Adams Needle or Spanish Bayonet). 1800 S. Frost germinator. Hardy Varieties Mixed. Striking plants of exotic appearance. | . 30 | . 50 | 1.75 |

## VEGETABLE SEEDS FOR FLORISTS

## - ALL PRICES QUOTED INCLUDE POSTAGE BEANS



## BRUSSELS SPROUTS

| "F1 Hybrid "Jade Cross". 1959 All America Top Winner. So early, the richest blue-green and uniformly packed with firm sprouts, that it practically outmodes all other varieties. Grows extremely vigorous and uniform, about 22 inches tall, with finer leaves and shorter petioles than comparison varieties, heavier in yield and from 3 to 9 days earlier than Long Island Improved. $1 / 8$ oz.................75c $1 / 4$ oz................. $\$ 1.25$ | t | 4.00 | 12.00 |
| :---: | :---: | :---: | :---: |
| Long Island Improved. 90 days................................................ 1 lb l $\mathbf{\$ 4 . 5 0}$ | . 25 | . 45 | 1.40 |
| CABBAGE | 1/2 oz. | 1 oz . | 4 oz . |
| All-Seasons. 90 days. (Yellows Resistant). Fine variety for kraut. | \$0.25 | \$0.45 | \$1.50 |
| Bugner. 100 days. (Yellows Resistant). The most popular of all the green types of cabbage for market, home garden, kraut and storage. | - . 35 | . 60 | 2.00 |
| Charleston or Large Wakefield. 73 days Fine early cabbage............... | . 20 | . 35 | 1.25 |
| Copenhagen Market. 67 days,. Desirable for early market. home garden or kraut $\qquad$ | . 25 | . 45 | 1.50 |
| Danish Ballhead. 105 days. Best for late. Short stem. | . 25 | . 45 | 1.50 |
| Early Jersey Wakefield. 62 days. Pointed, hard head. | . 20 | . 35 | 1.25 |
| Early Flat Dutch. 90 days. Very good keeper.. | . 20 | . 35 | 1.25 |
| Golden Acre. 64 days. Round head, short stem, uniform and firm. (Yellows Resistant) $\qquad$ | - 30 | . 50 | 1.60 |
| Jersey Queen. 63 days. The resistant Jersey Wakefield. | . 25 | . 45 | 1.50 |
| Late Flat Dutch. 110 days. Dependable, large late variety | . 20 | . 35 | 1.25 |
| Marion Market. (Yellows-Resistant) 75 days. An excellent Copenhagen Market type $\qquad$ | . .30 | . 50 | 1.60 |
| ${ }^{*}$ O-S Cross ( $\mathbf{F}_{1}$ Hybrid). Remarkable for its exceptional uniformity in the size of the huge heads and maturity as well as hybrid vigor. Heads are large, solid, flat, 11 in . across, $61 / 2 \mathrm{in}$. deep, weigh $8-10 \mathrm{lbs}$. with a small to medium core.. | - 1.75 | 3.00 | 10.00 |
| Racine Market (Wisconsin Pride). 65 days. Yellows-Resistant. Large, round headed, uniform cabbage with blue green color. | - 30 | . 50 | 1.60 |
| Wisconsin Hollander No. 8. 110 days. A late winter keeper. | . 30 | . 50 | 1.60 |
| Mammoth Rock Red. 90 days. Best red variety. | . 30 | . 50 | 1.60 |
| Savoy - Drumhead | . 25 | . 45 | 1.50 |
| Chihli. (Chinese or Celery Cabbage). | . 15 | . 25 | . 85 |
| CARROTS | 1 oz . | 4 oz . | 1 lb . |
| Chantenay, Greater. 75 days. Excellent bunching type. | \$0.30 | \$0.90 | \$2.70 |
| Danvers Half Long. 75 days. Tapering. | . 30 | . 90 | 2.70 |
| Nantes Half Long or Coreless. 70 days. | . 30 | . 90 | 2.70 |

## CAULIFLOWER



## CELERIAC - Rooted or German Celery



## CHIVES



## SWEET CORN

|  | $1 / 4 \mathrm{lb}$. | $1 / 2 \mathrm{lb}$. | 1 lb . |
| :---: | :---: | :---: | :---: |
| Golden Bantam. 80 days. One of the sweetest and best. | \$0.15 | \$0.25 | \$0.45 |
| Golden Cross Bantam. 79 days. Hybrid. Excellent for canner or marke garden for mid-season. | . 25 | . 40 | . 70 |
| Golden Midget. 70 days. The sweetest of all Sweet Coins. Dia.ks $21 / 2$ to 3 ft . tall. | . 25 | . 45 | . 75 |
| Surprise (Improved Spancross). 64 days. $63 / 4$ by $13 / 4$ inch ears. | . 25 | . 40 | . 70 |

## CRESS (Curled or Pepper Grass)

|  | $1 / 2 \mathrm{oz}$. | 1 oz . | 4 oz. |
| :---: | :---: | :---: | :---: |
| Greenhouse catch crop. Ready in 40-60 days. Temp. $40-50^{\circ} \ldots . . . . . .1 \mathrm{lb} . \mathbf{\$ 2 . 4 0}$ | . 15 | . 25 | . 80 |
| Water Cress. 75 days. Perennial water plant; long stems, small thick leaves, pungent flavor. Used for salads and garnishing. | . 40 | . 75 | 2.50 |

## CUCUMBER

*Burpee Hybrid. 60 days. A high-class cucumber for the home garden, market grower, shipper and greenhouse culture. High resistance to mosaic and downy mildew are the outstanding attributes of this true, first generation $F_{1}$ hybrid, white spine, slicing type cucumber. Heavy yielder with dark green fruits, 8 in . and more long, $21 / 2 \mathrm{in}$. wide, square at both ends with medium seed cavity and crispy, white flesh of excellent quality.
*Early Surecrop Hybrid. All-America Winner. Disease Resistant Slicer; fruit is long, thin and dark green. Highly recommended. 65 days.
*Long Green Hybrid. 54 days. Has a tender skin, therefore, much superior to the regular Long Green; lacks seediness and has smaller seeds. Is very resistant to downy mildew and mosaic, also to spot-rot. It is a triple-purpose type - pickles slices, chunks and fresh cucumber slicing.
Above 3, each: $1 / 4 \mathrm{oz} \quad \$ 1.00 \quad 1 / 2 \mathrm{oz} \quad \$ 2.00 \quad 10 \mathrm{oz} \quad \$ 3.75 \quad 4 \mathrm{oz}$

|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| National Pickle. 54 days. $5 \times 21 / 4$ inches, fruit straight, blunt, best for small pickles | . 20 | . 35 | . 85 |
| West Indian Gherkin. 60 days. Very prolific, small fruits and heavy spine; all over $11 / 2$ to 2 inches, long, oval, good for pickles. | . 20 | . 35 | . 85 |
| Improved Long Green Extra. 12 inches long. | . 20 | . 35 | . 85 |
| Longfellow. 72 days. One of the main forcing varieties. 12-14 in. long | . 20 | . 35 | . 85 |
| Straight 8. 10 inches long; outstanding variety. | . 20 | . 35 | . 8 |
| The Vaughan. 15 inches, very dark green, one of the best; few seed and very firm flesh. | . 20 | . 35 | . 85 |

## DILL

Long Island Mammoth. Used for pickles. 1 oz................20c 4 oz...............60c $1 \mathrm{lb} . \ldots \ldots . . . . . . .$.

## ENDIVE

Full Heart Batavian. "Escarolle". Large thick dark green leaves, compact head, easy blanching.

Green Curled. Standard variety for fall and winter.


## EGG PLANT

*Mission Bell Hybrid. An excellent quality Hybrid Egg Plant, much earlier, more uniform and
productive than the regular varieties. Deep oval shaped fruit, slightly tapering toward stem,
dark shiny smooth skin.
1/8 oz...
\$1.25
$1 / 4 \quad$ oz.
\$2.40
$1 / 2 \mathrm{oz}$.
$\$ 4.00$
1 oz
\$7.50

Black Beauly. 80 days. Excellent market type. Dark purple fruits, broad egg-shaped.
Fort Meyers Market (Florida High Bush.) 83 days. Resistant to disease and excessive heat. Oval fruits carried well above ground. Vigorous tall plant.
New York Purple. 83 days. Broad fruit, oval, black to purple, a little larger than Black Beauty.
Above 3, exch: $1 / 4$ oz............20 $\quad 1 / 2$ oz............. 40c 1 oz............ 75c 4 oz............. $\$ 2.50$

HERBS

| HERBS |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Tr. Pkt. | 1/4 oz. | 1 oz . |
| Anise. Used for garnishing an |  | \$0.15 | \$0.35 |
| Basil, Sweet. Leaves, green or dried, are chiefly used for seaso |  | . 15 | . 55 |
| Borage (Gurkenkraut) |  | . 15 | . 35 |
| Caraway (Kuemmel). Seeds are used for flavoring bread etc | . 15 |  | . 30 |
| Coriander. Green leaves are used in soups, etc., dried seeds in meats, sausages, sauces, pickles etc. |  |  | . 25 |
| Catnip or Catmint. Perennial. Excellent tonic for animals. Green or dried leaves are used for seasoning and as a tea for nervous headaches...... | d -.15 | . 25 | . 90 |
| Fennel, Sweet Florence. | . 15 |  | . 30 |
| Horehound. Leaves steeped in boiling water good cough remedy. | . 15 | . 25 | . 90 |
| Lavender, True. Flowers are dried and used as a repellent to moths. Sweet scented, light lavander-blue flowers. | -- . 20 | . 35 | 1.35 |
| Lovage (Liebstock. Used for seasoning meats and soups | . 25 | . 45 | 1.50 |
|  | c . 45 | 3.00 |  |
| Rosemary (Rosmarin). Leaves used for seasoning. | . 30 | 1.00 | 3.50 |
| Rue (Ruta graveolens). Perennial. 19-22 in. tall, very strong odor and very bitter; used for seasoning | Y  <br> .  | . 35 | 1.35 |
| Sage. Fresh or dried leaves are used for seasoning poultry, sausage, other meats, dressing and fillings, etc. | .. ${ }^{\text {. }} 15$ | . 25 | . 75 |
| Savory, Summer. Used for flavoring salads, dressings, stews and gravies...... | ... . 15 |  | . 50 |
| Savory, Winter. Perennial Savory. | . 15 | . 25 | . 90 |
| Sweet Marjoram. Nice for seasoning, either fresh or dried leaves | . 15 | . 25 | . 90 |
| Thyme (Thymian). Perennial. Has aromatic foliage used for seasoning. | . 15 | . 50 | 1.50 |
| Woodruff (Waldmeister). (Asperula Odorata). | . 40 | . 75 | 2.50 |
| Wormwood (Wermut). (Artemisia absinthium). | . 20 | . 45 | 1.50 |

## KALE

| Dwarf Green Curled. 55 days. 15 in . tall. |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tall |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

## KOHL-RABI

|  | $1 / 2 \mathrm{oz}$. | 1 oz. | 4 oz. |
| :--- | :--- | ---: | ---: | ---: |
| Early White Vienna. | 55 days. Popular extra early short-topped variety......... $\mathbf{\$ 0 . 1 5}$ | $\$ 0.30$ | $\$ 1.00$ |
| Early Purple Vienna. 60 days. Same as White except purple color......... | $\mathbf{. 1 5}$ | $\mathbf{. 3 0}$ | $\mathbf{1 . 0 0}$ |

## LEEK

Large American Flag.................................................................................................. . 25 . 45 1.50

## LETTUCE - Heading Sorts

| Bibb. | . 15 | . 30 | 1.00 |
| :---: | :---: | :---: | :---: |
| Big Boston. 75 days. Extra select stock | . 15 | . 25 | . 70 |
| Deer Tongue. Withstands hot weather. Leaves are oblong to triangular in shape with rounded tip, slightly blistered or savoyed. | . 20 | . 35 | 1.05 |
| Great Lakes. 75 days. A tight-heading summer lettuce of the Iceberg type. It stands the longest of any without going to seed, and remains sweet the whole season. $\qquad$ | . 30 | . 50 | 1.75 |
|  | . 15 | . 25 | . 70 |
| Iceberg. 84 days. Resistant to hot weather. | . 15 | . 30 | . 75 |
| New York 12. Early sure HEADING Icebery type. | . 20 | . 40 | 1.15 |
| Prizehead, 45 days. Loose heading sort, leaves |  | . 20 | . 70 |

## LETTUCE - Loose Leaved or Curled

| Grand Rapids Forcing. 43 days. The best variety for greenhouse forcing $\qquad$ lb., $\$ 2.50$ | $1 / 2 \mathrm{oz}$ $\$ 0.15$ | 10 oz \$0.25 | 4 oz |
| :---: | :---: | :---: | :---: |
| Black Seeded Simpson. 46 days. Early dependable variety. Selected Strain $\qquad$ $1 \mathrm{lb} ., \$ 2.25$ | . 15 | . 25 | 75 |
| Oak Leaf..... 40 days. Small, tender, deep green leaves. Withstands hot weather without turning bitter. | . 20 | 40 | 5 |
| Salad Bowl. 45 days. Large, medium-green, slow bolting, non-heading. Stands summer heat exceptionally well. | . 35 | . 60 | 2.00 |

## MUSTARD

Green Wave. 1958 All America winner, Longest standing, dark green curled Mustard. When mature will stand a long time before going to seed. $1 \mathrm{oz} . \ldots . . . . . . .20 \mathrm{c} \quad 4 \mathrm{oz} . \ldots . . . . . . . .70 \mathrm{c} \quad 1 \mathrm{lb} . \ldots . . . .$.

## MUSKMELON

$F_{1}$ Hybrid "Super Market". 84 days. Very high outstanding yield and excellent hybrid for home and market gardens. Resistant to fusarium and downey mildew. Vigorous vine with round to oval fruit, measuring 7 in . long and 6 in . in diameter, weighing $4-5 \mathrm{lbs}$., deep salmon, thick, firm, sweet delicious flavor slightly musky, very small seed cavity.
Burpee $F_{1}$ Hybrid. 82 days. The heavily netted fruits are distinctly ribbed, round to slightly oval, average 7 in . long, 6 in . across and weigh $4-4 \frac{1}{2} \mathrm{lbs}$. Flesh is deep orange, thick, firm, juicy and of the most delicious flavor. Vines are vigorous growing and produce good early yields of large fruited melons.

Note: Most suitable soil for melons is a rich, warm, sandy loam. As hand pollinated hybrid seed is very expensive to produce, we suggest you use only 5 to 7 seeds per group, allowing 2 to 3 in. between seeds and cover with 1 in . fine soil. The groups should be spaced 4 to 6 ft . apart each way. Thin to 2 or 3 plants to a group.
Hale's Best Jumbo. 85 days. Thick, deep salmon flesh; large fruits; very popular variety.
Honey Dew. 110 days. Fruits large round smooth, pale green or creamy white, fine grain, deep orange, excellent flavor.
Iroquois. 90 days. A fusarium wilt resistant medium sized very high quality melon. Salmon colored flesh that is very sweet. Fine for either market or home growing.
Pride of Wisconsin. 85 days. Popular thick, orange-fleshed. Nearly round, $61 / 2 \mathrm{in}$, through, hard skin.


## WATERMELON

$F_{1}$ Hybrid "Dixie Queen". 85 days. A true $F_{1}$ hybrid that has the characteristics of the regular Dixie Queen only the melons are larger and sweeter. Light green skin alternately striped with dark green, rind thin, tough, dark pink flesh with few small seeds. Excellent for either market

Kleckley's Sweet Improved. 92 days. (Blight Resistant). Large oblong fruits, 22 inches, dark skin, thick flesh, blood red; small, white seed.
New Hampshire Midget. 78 days. A small very early melon that is sweet and red fleshed, thin rind, fine for home gardens.
Rhode Island Red. A new excellent ice box type of watermelon. Flesh is a bright red and the sugar content is very high.
Stone Mountain. 90 days. Large, almost round fruit, dark green skin and bright crimson flesh.

| Above 4, each: $1 / 2$ oz............... 20c 1 oz...............35c 4 oz............... $\$ 1.0$ |  | 1 lb . | \$3.50 |
| :---: | :---: | :---: | :---: |
| ONION | 1/2 Oz. | 1 oz . | 402 |
| Prizetaker. 105 days. | \$0.35 | \$0.65 | \$1.9 |
| Riverside Yellow Sweet Spanish. 110 days. Globe with golden yellow skin, quite mild, sweet flesh. (Utah strain). | - . 35 | . 60 | 1.8 |
| Riverside White Sweet Spanish. 110 days. Shape and characteristics as Riverside yellow. Color white. | - . 35 | . 65 | 2.0 |
| Southport Red Globe. 110 days. Globe-shaped, small neck, deep red skin, flesh white, good keeper. | . . 30 | . 50 | 1.5 |
| Yellow Bermuda. 90 days. An early, flat, straw colored onion with small tops | . 30 | . 50 | 1.5 |
| Yellow Globe Danvers. 110 days. Almost true globe-shaped; medium large; white flesh and yellow skin, firm and hard, excellent keeper. | - . 30 | . 50 | 1.5 |
| White Portugal or Silverskin. 100 days. Widely used for sets, bunching and pickling, excellent keeper. | . 30 | . 50 |  |
| Evergreen Long White Bunching. Does not form bulbs. Grown for its long, slender stalks, which are used for green bunching onions or scallions | S . 25 | . 45 |  |



## RUTABAGA

American Purple Top. 90 days. Roots 5 inches through, rather top shape with small neck, yellow
$\$ 1.25$

## SPINACH

Bloomsdale Long Standing. 45 days. Plant large, erect, sturdy, leaves very crumpled and blistered,

New Zealand. Does best in hot dry weather. Leaves small, thick pointed, dark green, which should


## SQUASH

Buttercup. 100 days. Fruit $41 / 2$ by $61 / 2$ in., thin skin, dark green with narrow grey stripes or mottlings, orange flesh. The smoothest best flavored squash yet produced.
Butternut. 100 days. Unlike other squash, when baked and served without the shell it spreads like butter without any sign of stringiness. Skin is dull yellow; a long, thick neck ends in a bulge in which lie all the seeds.
Early Prolific Straightneck. 50 days. Fruit 14 by 13 in ., straight, lemon yellow slightly rough.
Giant Crookneck. 55 days. Fruit 20 by $41 / 2$ in., neck curved, lemon yellow, warted skin, yellow flesh.
Hubbard Chicago Warted. 110 days. Fruit 13 by 9 in., dark green, orange fleshed.
Table Queen or Acorn. 85 days. Fruit 5 by 4 in., thick, deeply ribbed, dark green skin and thick orange flesh that cooks dry and sweet. Good keeper.
Uconn. 75 days. A bush type of Acorn that is heavier yielding than the regular Acorn.


## SWISS CHARD

Lucullus. 52 days. Most popular type; about 20 in . tall, yellowish green leaves, heavily crumpled. Wide with broad white ribs. 1 oz .

20c
4 oz....
$65 \mathrm{c} \quad 1 \mathrm{lb}$.
\$2.00

## TOMATO

*Wonder Boy Hybrid. A new $F_{1}$ mid-season hybrid Tomato with extra large, round, firm, meaty fruit of excellent flavor and quality. Very productive.
-Burpee Big Boy Hybrid. We believe this the finest Hybrid Tomato in existence. Bred for highest quality, fruit, yield and earliness.
*Burpee Big Early Hybrid. An excellent, very early, large fruited, red Tomato for the home garden and market gardener.
Prices above 3, each. Tr. Pkt................. $\$ 1.00 \quad 1 / 16$ oz................. $\$ 2.50 \quad 1 / 8$ oz................. $\$ 4.50$
$1 / 4 \quad$ oz..................... $\$ 8.50 \quad 1 / 2 \quad$ oz................... $\$ 16.00 \quad 1 \quad$ oz.................. $\$ 30.00$
*Early Giant Hybrid. Largest early hybrid. High yield and excellent quality.
*Giant King Hybrid. A giant size mid-season hybrid, about 2 weeks later than Early Giant. An excellent producer of fine solid red, $71 / 2$ ounce fruits.
Prices above 2, each: Tr. Pkt.................. $\$ 1.00$ 1/16 oz................. $\$ 2.00 \quad 1 / 8$ oz.................. $\$ 3.75$
$1 / 4$ oz.................... $\$ 7.00 \quad 1 / 2$ oz.................... $\$ 12.75 \quad 1 \mathrm{oz} . . . . . . . . . . . . . . . . . . ~ \$ 25.00 ~$
*Burpee Hybrid. An excellent all-purpose main crop Tomato producing a high yield of firm, thickwalled fruit that average 8 oz . in weight. They are deep globular in shape, holding the vine well. Maturing 70 days after the plants are set, this is the most widely adapted of all hybrids, and an excellent cropper.
*Burpeeana Early Hybrid. An extra early Tomato, maturing 58 days after plant setting. Fruits in clusters of from 5-8 throughout the season average 5 oz . Excellent quality, rich scarlet skin, and firm meaty flesh. An early home and market garden variety.

| Prices above 2, each: Tr. Pkt...................75c | 1/16 oz............... $\mathbf{\$ 1 . 5 0}$ | 1/8 oz............... $\$ 3.00$ |
| :---: | :---: | :---: |
| 1/4 OZ.................. $\mathbf{S 5}^{\text {S }} 5$ | 1/2 oz................. $\$ 10.00$ | 1 |

CERTIFIED VARIETIES:

| *Century Certified. An excellent new early variety. Large, globe shaped, deep scarlet fruit, ripening from the inside out, with thick outer walls and very mealy cross sections; exceptionally free from cracks. Firmness of the fruit makes it excellent for long distance shipping as well as local markets.. | $\$ 0.40$ | \$0.75 | \$2.75 |
| :---: | :---: | :---: | :---: |
| Garden State Certified. 83 days. Very prolific, bearing deep scarlet red fruit that are extra smooth and solid. Similar to Greater Baltimore......... | . 40 | . 75 | 2.50 |
| Marglobe Certified. 76 days. Red | . 40 | . 75 | 2.50 |
| Rutgers Certified. Same as regular, but State certified | . 40 | . 75 | 2.50 |
| Stokesdale Certified. 73 days. Red globe-shaped fruit, good canner | . 40 | . 75 | 2.50 |
| Valiant Certified. 70 days. $\AA$ deep Marglobe type of Tomato, having large, smooth red fruits with a few seed and firm solid flesh. | . 40 | . 75 | 2.50 |
| Queens Certified. A new red selected from Valiant and Rutgers, cross combining early maturity with heavy yield | . .40 | . 75 | 2.75 |

## TOMATOES-(Continued)

| R | $1 / 2 \mathrm{oz}$. | 1 oz . | 4 oz. |
| :---: | :---: | :---: | :---: |
| Beauty. 82 days. Medium large plant, vigorous, prolific, fruit pink, medium large | $\$ 0.35$ | \$0.65 | \$2.20 |
| Bonny Best. 73 days. Fine for all purposes. | . 35 | . 60 | 2.00 |
| Bounty. 65 days. Medium large, round to globe-shaped red fruit. Heavy producer | . 35 | . 65 | 2.20 |
| Break O'Day. 73 days. Wilt-Resistant. Globe-shaped fruit. Fine producer.... | . 35 | . 70 | 2.50 |
| Crimson Cushion (Beefsteak). 90 days. A large wilt resistant sort. Fruits large, round, bright scarlet; solid; very prolific. | . 50 | . 90 | 3.00 |
| Dwarf Champion. 86 days. Tree type bush. Medium size, solid pink fruit.... | . 40 | . 80 | 2.70 |
| Dwarf Stone. 81 days. Strictly dwarf, tree-like, bright red fruits | . 40 | . 80 | 2.70 |
| Earliana Select. 64 days. Medium size, deep scarlet, firm and smooth | . 40 | . 80 | 2.70 |
| Early Detroit. 78 days. Medium large smooth, pink fruit. Valuable for shipping. | . 40 | . 80 | 2.70 |
| Firesteel. 68 days. Red fruit, medium size, sure setting. Best under drouth conditions. Medium small vine. | . 40 | . 70 | 2.35 |
| Giant Tree or Italian Potato Leaved. 88 days. The finest large Tomato. The vines, trained on stakes, tower 7 or more feet high........1/4 oz., 90c | 1.75 | 3.25 | 12.00 |
| Golden Queen. 83 days. Large yellow fruit; mild flav | . 40 | . 75 | 2.50 |
| Greater Baltimore. 82 days. Red, large solid fruit. | . 30 | . 50 | 1.75 |
| Italian Canner. Red plum-shaped. For canning whole, paste and dehydration | . 50 | . 90 | 3.00 |
| John Baer. Standard second early variety, medium size | . 35 | . 65 | 2.20 |
| Jubilee. Orange; non-acid, solid, smooth, sweet......................... | . 40 | .80 .70 | 2.70 2.35 |
| Livingston's Globe. Large purplish-pink fruit; smooth and solid. | . 40 | . 70 | 2.35 |
| Marglobe. Red fruit; smooth and solid. Resistant to blight. | . 35 | . 60 | 2.00 |
| Matchless. One of the very best large-fruited maincrop vari | . 40 | . 75 | 2.50 |
| New Stone Improved. Red fruit, smooth and solid. | . 30 | . 50 | 1.75 |
| Ontario. 72 days. A cross of Bison and Rutgers. It has the Rutgers vine characteristics. Large, red fruit and quite free from cracks. | . 40 | . 75 | 2.75 |
| Oxheart. 90 days. Extra large, heart-shaped pink fruit, few seeds, mild flavor. Fine variety. Non-Acid. | . 55 | 1.00 | 3.50 |
| Pearson Improved. 90 days. Scarlet, medium large, smooth slightly flattened globe-shaped fruit; very vigorous and heavy yielding. | . 55 | 1.00 | 3.50 |
| Ponderosa. 88 days. Large, purplish pink fruit, mild | . 45 | . 85 | 3.00 |
| Ponderosa Red. Large, red fruit, mild flavo | . 45 | . 85 | 3.00 |
| Ponderosa Yellow. Mild flavor | . 45 | . 85 | 3.00 |
| Pritchard. (Scarlet Topper). 75 days. Wilt Resistant. Solid fruit, heavy yielder, second early. | - . 35 | . 70 | 2.50 |
| $F_{2}$ Prize Red. 75 days. Similar to Ventura. Deep scarlet red fruit of excellent quality and flavor, smooth and firm with no hard core. Very productive | t .75 | 1.50 | 5.50 |
| Rutgers. Second early. Fruit bright red, globular, smooth, thick walls firm and mild. Good canner. | - . 30 | . 55 | 1.85 |
| Super Sioux. 80 days. Deep red, extra large fruit, really all meat with extremely small seed cells and very few seeds | - .50 | . 85 | 3.00 |
| Ventura. See $\mathrm{F}_{2}$ Prize Red. |  |  |  |
| Victor. 65 days. An extra early scar | . 40 | . 75 | 2.50 |
| Wisconsin No. 55. Earlier than Stokesdale or Rutgers. Red fruits which ripen evenly. Stands shipping very well. | .. .45 | . 85 | 3.00 |
| 1 lb . prices - take 4 oz . prices times 4 - less $25 \%$ |  |  |  |
| SMALL FRUITED VARIETIES: $1 / 4 \mathrm{oz}$ | $1 / 2 \mathrm{oz}$. | 1 oz . | 40 oz . |
| Red Cherry - Yellow Cherry - Red Pear - Yellow Pear............... \$0.25 | \$0.40 | \$0.75 | \$2.50 |
| Red Plum - Yellow Plum - Ground Cherry................................... . 25 | . 40 | . 75 | 2.50 |
| FORCING VARIETIES: $1 / 8 \mathrm{oz}$. | 1/4 oz. | 1 oz . | 4 oz . |
| Livingston's Globe. Extra Select Strain "A"......................................... $\mathbf{\$ 0 . 6 0}$ | \$1.10 | \$4.00 | \$15.00 |
| Livingston's Globe Wilt Resistant No. 3. Extra Select.................... . 60 | 1.10 | 4.00 | 15.00 |
| Livingston's Globe Wilt Resistant No. 7. A deeper globe shape than either No. 3 and Strain A $\qquad$ | 1.50 | 5.00 | 19.00 |
| TURNIP |  |  |  |
|  | 1 |  | \$1.25 |

## SMALL PLANTS <br> BEGONIAS - FIBROUS ROOTED

Fiesta. Red with large yellow stamen.
Siesta. Pink with large yellow stamen.
Triesta. White with large yellow stamen.
$2^{1 / 4}$-in., $\$ 25.00$ per 100; $\mathbf{4}$ in., $\$ 50.00$ per 100 (shipped 25 to a carton). Fall to May.

## DRACAENA INDIVISA

Heavy Transplants, $\$ 4.75$ per 100; $\$ 40.00$ per 1000. 250 at 1000 rate. July-December. $21 / 4$-in., $\$ 10.00$ per 100 . November-January.

## LANTANAS

| M. Schmidt | Radiation | Delicatissima | Lady Olivia |
| :--- | :--- | :--- | :--- |
| Golden Plume | Golden King | Pink Caprice | Sensation |
| Tethy's Yellow | Mary Kathryn | Weeping Lavender | White |

## Tethy's Yellow

Golden King
Mary Kathryn
Rooted Cuttings, $\$ 5.00$ per 100; $\$ 45.00$ per 1C00. 250 at 1000 rate. October-February.
$2^{1 / 4}$-in., $\$ 12.00$ per 100; $\$ 100.00$ per 1000. 250 at 1000 rate. October-April.

## SANTOLINAS

ROOTED CUTTINGS: $\$ 25.00$ per 1000 (November thru Spring)
ASPARAGUS - Plumosus and Sprengeri (Seedlings and $21 / 4 \mathrm{inch}$ )
BEGONIAS - Fibrous Rooted (Transplants and $21 / 4$ inch)
BROWALLIA - Speciosa Major (Seedlings, Transplants and $21 / 4$ inch)
CINERARIAS - Cremers, Siters, Festival, Dwarf Erfurt, Dwarf Grandiflora. (Transplants, 21/4 and 3 inch)
COLEUS - Separate colors and Assorted (Rooted cuttings and 2 inch)
CYCLAMEN - Separate colors and Assorted (21/4-3 and 4 inch)
GERANIUMS - Rooted cuttings and $21 / 4$ inch
PETUNIAS - Seedlings and Transplants
TORENIAS - Seedlings and Transplants
PELARGONIUMS - Separate varieties and Assorted ( $21 / 4 \mathrm{inch}$ )
PRIMULA OBCONICAS - PRIMULA MALACOIDES - PRIMULA CHINENSIS - All varieties listed under "Seeds" - Separate colors and Assorted (Transplants, 2¼, 3 and 4 inch)

Ask for prices on above plant material or watch our seasonal Ads in Florists' Review and Southern Florist and Nurserymen.

## GERMAN-MADE - BUDDING and GRAFTING KNIVES

11 cm . blade, beech wood handle. 4 inch. Each: \$2.00 3 for $\$ 5.50 \quad 6$ for $\$ 10.00$
 10 cm . blade, beech wood handle. $37 / 8 \mathrm{in}$. Each: \$1.90 3 for $\$ 5.20 \quad 6$ for $\$ 9.50$ 10 cm . blade, black fibre handle, $37 / 8 \mathrm{in}$. Each: \$2.00 3 for $\$ 5.50 \quad 6$ for $\$ 10.00$

GERMAN-MADE - One-hand-Sprayer "MESTO-IDEAL"
"With unscrewing mechanism and reservoir of brass and with the no rusting springs and washers."


They are very appreciated for: The florist. The flower-fancier. The gardener to spray small plants and the spreading of insecticides, etc.

Each sprayer packed in a small carton with printed directions how to use.
Each: \$2.25 3 for $\$ 6.50 \quad 6$ for $\$ 12.50$ 12 for $\mathbf{\$ 2 4 . 0 0} 24$ for $\$ 45.00$

A very useful item to sell to your customers

"MAY TIME" $\mathrm{F}_{1}$ Hybrid Grandiflora Petunia ( 1958 All-America Winner)

"RED SATIN" F $\mathrm{F}_{1}$ Hybrid Multiflora Petunia (1957 All-America Winner)
GERMANIA SEED COMPANY
6952 N. CALIFORNIA AVE.
CHICAGO 45, ILLINOIS
Telephone ROgers Park 4-0314


[^0]:    "Sakata" in Japan, the originator of All-Double Petunias, informs us that since they introduced this new All-Double Flowering Snapdragons in color it has caused a great deal of interest where they were grown. These "All-Double Snaps" are suitable for both INDOOR and OUTDOOR culture. On account of heavy substance of their double flowers they require a little more space and nourishment than singles for successful cultivation.
    All-Double Bronze. $100 \%$ double flowering, beautiful salmon pink with tint of bronze. Looks beauti-
    ful under artificial light.
    All-Double Crimson. $100 \%$ double flowering crimson red.
    All-Double Pure White. $100 \%$ double flowering pure white.
    All-Double Rose Pink. $100 \%$ double flowering rose-pink. One of the most fascinating colors.
    All-Double Yellow. 100\% double flowering canary yellow.
    All-Double Formula Mixed Colors. A blend of above colors.
    Prices above 6, each: $1 / 2$ Tr. Pkt.................. $\$ 1.75$ Tr. Pkt.
    $\$ 3.50$
    $1 / 64 \mathrm{oz}$
    \$5.00

