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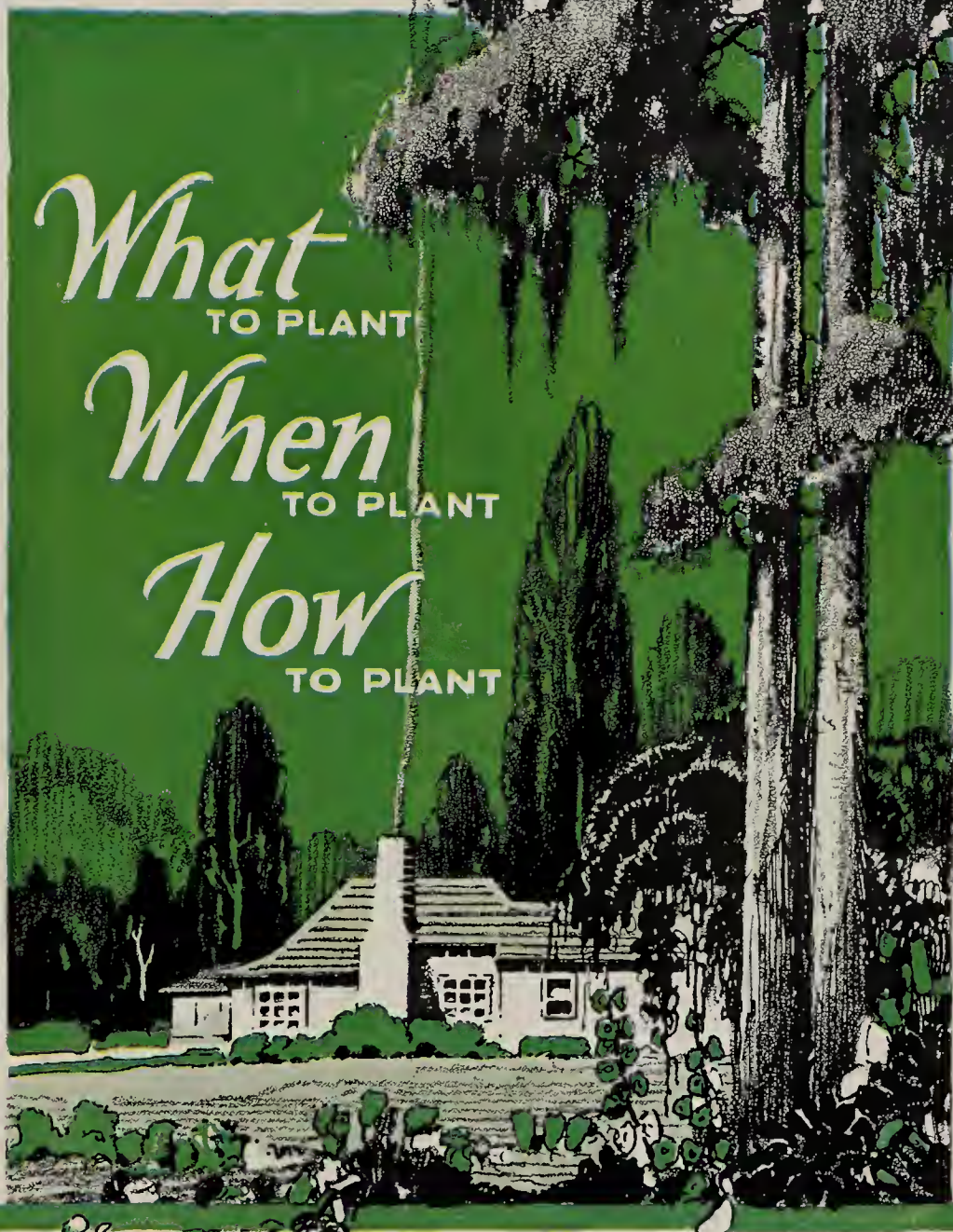
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NAVLET'S

PLANTERS GUIDE and CATALOG 1933

VEGETABLES
SEED TRIALS
HORTICULTURE

FEB - 7 1933



CHAS. C. NAVLET CO.

SINCE 1885

NURSERYMEN - SEEDMEN - FLORISTS

20-22 E SAN FERNANDO ST.

423-27 MARKET ST.
SAN FRANCISCO.

SAN JOSE, CAL.

518-12th ST. nr. Washington
OAKLAND.

NURSERIES—San Francisco Highway, 1 mile South of Sunnyvale —::— Also 497 Prevost Street, San Jose

Navlet's Bargain Collections for 1933

Roses, Shrubs, Seeds, Plants, Bulbs, specially priced in group offerings

(For Special Seed Collections, Flower and Vegetable, See Page 14)

STAR SHRUB SPECIAL

Your Choice of any 12 Shrubs listed on pp. 68 to 75 and marked with a star (*)—

\$1.50 for 12 Shrubs
Delivered Free

SUPER SHRUB SPECIAL

Your Choice of any 12 Shrubs listed in this catalogue on pp. 68 to 75, priced at 75c or less—

\$5.00 for 12 Shrubs
Express Collect



Hadley

CARNATION BARGAIN

6 Strong Plants..... **60c** 12 Choice Plants..... **\$1.00**
Sent Postpaid

This collection is made up of our choicest varieties (see page 60), with well selected variety of colors.

CHRYSANTHEMUM BARGAIN

6 Plants Postpaid... **60c** 12 Plants Postpaid... **\$1.00**

Twelve wonderful plants—our most careful selection—every one a beauty. Some are the magnificent exhibition varieties.

CANNA BARGAIN

6 Roots Postpaid... **60c** 12 Roots Postpaid... **\$1.00**

Our splendid selection of fine, sturdy Canna roots in an assortment of the favorite colors for mass planting.



Golden Emblem

12 Glorious ROSES
\$3.75

Delivered Free

Our own two-year old, field-grown stock—fine, sturdy bushes already budded, in these gorgeous varieties:

Dame Edith Helen—Etoile de Holland—Feu Joseph Looymans—Golden Emblem—Hadley—Lady Margaret Stewart—Margaret McGredy—Mrs. Lovell Swisher—Pres. Herbert Hoover—Souv. de Mme. Boulet—Talisman—Ville de Paris.

(For descriptions, see pp. 52-55)

NAVLET'S SELECTED ROSES

6 Rose Bushes..... **\$1.60** 12 Rose Bushes..... **\$2.95**

Our Selection, Delivered Free

Two year old, field-grown Rose Bushes, our selection, all labeled as to variety. We promise you a beautiful assortment. Please specify if you wish Climbers included, and how many. Otherwise we will send all bush Roses.



Talisman

SWEET PEAS

50 feet for 50c Post-paid

7 separate packets of Spencer Sweet Pea seed, in 7 different colors—enough seed to plant a running strip of Sweet Peas 50 ft. long.

GLADIOLUS MIXTURE

Our famous "Exposition" mixture of gorgeous ruffled Gladiolus, no two alike.

12 Bulbs..... **60c** 50 Bulbs..... **\$2.25**

100 Bulbs... **\$4.00**

Delivered Free

BEDDING GLADIOLUS

Beautiful flowering types in a wide variety of colors, suitable for bedding purposes.

12 Bulbs..... **40c** 50 Bulbs..... **\$1.50**

100 Bulbs..... **\$3.00**

Delivered Free



Mrs. Lovell Swisher

DAHLIA BULBS

6 Choice Bulbs..... **\$1.50** 12 Choice Bulbs..... **\$2.50**

Delivered Free

Our selection, including the most popular types and colorings in these favorite mid-summer flowers.

DAHLIA ROOTS

6 Strong Roots, By mail **85c** 12 Strong Roots, Postpaid... **\$1.50**

Our selection—12 choice roots from our big stock of beautiful Dahlias, including show varieties, pompoms, etc.

POMPOM DAHLIAS

6 Choice Bulbs, **\$1.25** 12 Choice Bulbs, **\$2.00**

Delivered Free

Our selection of Pompoms from the choice varieties in our stocks. See page 59 for varieties and colors.



TUNE IN!
"Timely Garden Tips"

Broadcast by
 Arthur E. Navlet
 WEDNESDAYS,
 1:00 to 1:15 p.m.
 KLX (880 Kcy.)



TABLE OF CONTENTS

Annual Plants	67
Bargains, Plant	Inside Front Cover
Bargains, Rose	Outside Back Cover
Bargains, Seed	14
Berries	76
Book List	96
Bulbs	4-13
Chrysanthemums	62
Cut Flowers, Floral Designs	3
Dahlias	58, 59
Farm Seeds	31
Ferns	Inside Back Cover
Fertilizers	84
Flower Seeds	33-51
Flower Seed Novelties	32
Flowering Plants	62-67
Fruit Trees	76
Grapes	76
Insecticides and Fungicides.....	82
Lawn Seeds	30
Ornamentals	66-75
Perennial Plants	62-67
Pest Control	83
Pet Supplies	77
Planter's Guide	85-93
Planting Calendars	13, 90-93
Rock Garden Plants.....	Inside Back Cover
Roses	52-56
Seeds, Aromatic and Medicinal	31
Seeds, Farm	31
Seeds, Flower	32-51
Seeds, Grass	30
Seeds, Tree	31
Seeds, Vegetable	15-29
Shrubbery	68-75
Sprayers and Dusters	82
Vegetable Seeds and Plants.....	15-29
Vines	61



HERE'S TO GARDENS!



The pleasure of laying out garden beds . . . of planting seeds! The delight of discovering unexpected bits of green one morning! The parental satisfaction of nurturing those bits of green! The joy of serving your own vegetables at the table, of warming the house with the rich colorings of your own flowers! There's no thrill like the thrill of a Garden . . . no fascination equal to that of watching beauty unfold. Here's to Gardens . . . your Garden . . . may it grow and bring you delight!

48 YEARS OF GARDEN SERVICE

For nearly half a century, since 1885, the Chas. C. Navlet Co. has been Central California headquarters for Seeds, Nursery Stock, Roses, Garden Supplies, Garden Information. In these 48 years we have grown from a single little seed store in San Jose to a tri-city organization, with retail Seed Stores and Flower Shops in San Jose, San Francisco, and Oakland, with wholesale headquarters in San Jose, and with acres of Nursery developed on the San Francisco Highway, one mile south of Sunnyvale, in addition to our smaller specialty Nursery in San Jose.

It has been a pleasant experience, this half century of service to California garden lovers. But it has been more than that. For along with our expanding service there has developed an increasing sense of loyalty to our customers, of responsibility to our trade. Consequently, in preparing this 1933 Garden Catalogue we have written between the lines and wrapped inside the pages an invisible offering, but a vital one—the years of experience, the record of dependability, the business integrity of the Chas. C. Navlet Company.



When You Place Your Order

Please read these suggestion and instructions carefully before ordering. We make every effort to fill your order exactly as specified. We will appreciate your exercising every care in placing your order accurately.

1.—Use the Order Blank or Write Us a Letter

If you like an order blank, use it. If you want to give us more complete information, or ask questions or advice, write us a letter.

Either way, we'll be glad to hear from you.

And we'll answer you promptly.

If you want more order blanks, ask for them, and we'll gladly send them.

2.—Our Nurseries and Packing Plant are located in San Jose.

(Mail address 20-22 East San Fernando Street.) Orders for plants, shrubs, bulbs, seeds, etc., sent here get immediate attention, while orders sent to the other stores must be forwarded here, thus causing delay.

Note the exception—Cut Flowers should be ordered from the store that's nearest you. Each of our stores maintains a staff of skilled floral artists.

3.—Write your own language.

We can answer correspondents in their own language. French, German, Italian, Spanish or Portuguese may be used.

4.—Write name and address plainly.

Many delays occur because of insufficient address. Print or write your name carefully, then give street address or R. F. D. route, city or town, county, and State.

5.—How to send money.

Amounts of \$1.00 or less may be sent in stamps.

If you send currency or silver, be sure to send by registered mail.

Postoffice or Express Money Orders or Bank Drafts are equally satisfactory, and need not be registered.

If you send a Cashier's Check or Bank Draft drawn by your home-town bank, have it made payable to yourself and then endorse on the back "Payable to Chas. C. Navlet Co." This will help to avoid possibility of error, and give us a record of whom the check is from.

6.—Non-warranty.

We exercise due care in selecting our seed, plants, bulbs and trees, but we give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter on any merchandise we sell, and we cannot be responsible in any way for the crop.

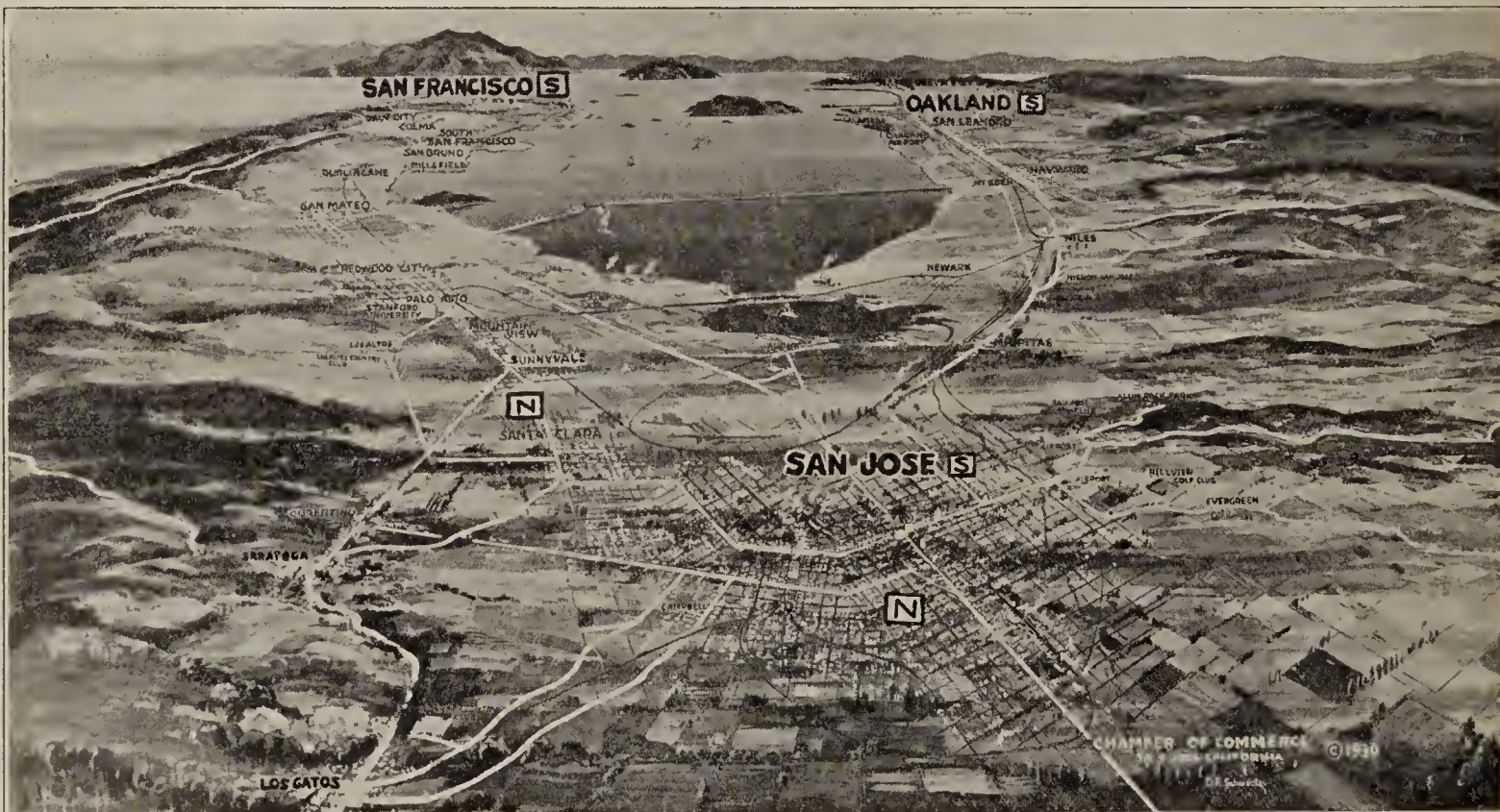
If the purchaser does not accept the goods on these terms, they are at once to be returned.

7.—Safe arrival assured.

We hold ourselves responsible for the safe arrival of goods in first-class condition. Our packing is in the hands of experts. If the goods do not arrive in first-class condition, kindly return them with the wrapper, at our expense, and the order will be immediately refilled.

8.—Early ordering appreciated.

If you can anticipate your needs, and place your order early, we will appreciate it. We handle a tremendous volume of mail order business during the planting seasons. By ordering early you get extra special attention.



This aerial photograph shows the extent of Navlet's facilities for prompt service: 3 Retail Stores (marked S) in San Jose, San Francisco and Oakland, and 2 large Nurseries (N), one in San Jose on Prevost Street near Auzerais, the other on the San Francisco Highway between Santa Clara and Sunnyvale,—5 establishments devoted to Growing Service. A hearty welcome awaits you everywhere.

"Say It With Flowers"

And if the Flowers be from Navlet's, you may be sure it will be said gaily, lavishly, or sympathetically, as the case may be.

For nearly half a century, Navlet's has been intimately associated with the joys and sorrows of thousands of California families. Life and death, births, weddings and funerals, civic ceremonies and private functions have all been enacted against a backdrop of flowers—Navlet's flowers. Forty-eight years of service have taught us much of the richness of human relationships and the art of expressing those relationships in the language of flowers. Truly, we know how to "say it with flowers".

FLORIST'S TELEGRAPH DELIVERY

As members of the Florists' Telegraph Delivery, we can accept your order for flowers to be delivered almost instantly anywhere in the United States. This service is swift, sure, and satisfactory.

BOUQUETS AND CUT FLOWERS

All Navlet Floral Work is tastefully arranged by experts. In even the simplest bouquet, you will recognize the touch of a finished artist.

- Bouquets of assorted flowers in season.....\$2.00 and up
- Calla Lilies, choice in season.....Per Dozen \$1.00
- Carnations, White or Pink, choice.....Per Dozen \$1.00 and \$1.50
- Carnations, Red, Christmas Season.....Per Dozen \$2.00
- Chrysanthemums, White, Yellow, Pink or Bronze. Mammoth beauties, long stems.....Per Dozen \$3.00 to \$7.50
- Easter Lilies, selected flowers, long stems...Per Dozen \$7, \$10, \$15
- Gardenias, lovely fragrant flowers.....50c and 75c
- Huckleberry, long sprays for decorative purposesPer Doz. Sprays \$0.75
- Lilies-of-the-Valley, not made up.....Per Dozen \$1.50
- Lilies-of-the-Valley, in bouquets.....Per Dozen \$2.00
- Orchids, superb beauties.....Each \$2.50, \$3.00 and \$3.50
- Roses, White, Pink or Red, choice flower.....Per Doz. \$2.00, \$3.50 to \$7.50
- Smilax, strings 4 to 6 feet.....Each 50c, Per Dozen \$5.00
- Violets, from October 1st to March 1st.....20c Per Bunch, 3 for 50c

WEDDING BOUQUETS

- Wedding Bell, 16 by 18 inches.....\$7.50, \$10, \$15, \$20 and up
- Bridal Bouquet (with ribbon).....\$5.00 up
- Bridesmaid Bouquet (with ribbon).....\$3.50 up
- Showers to rest on the arm; also round shower bouquets with ribbons.....\$7.50, \$10, \$15, \$20 and up

DECORATION DAY

- Carnations, extra choice, white, red or pink.....Per Dozen \$1.50
- Roses, extra choice, white, red or pink.....Per Doz., \$2.50 to \$3.50
- Sweet Peas, selected colors, or white, pink, lavender, or redPer Bunch 35c
- Calla Lilies.....Per Dozen \$1.00
- Easter Lilies.....Per Dozen \$5.00, \$7.50
- Marguerites, white or yellow.....Per Bunch 35c
- Gladiolus, whitePer Dozen \$1.25
- Huckleberry Green.....Dozen Sprays \$0.75

All flowers are cut fresh just before shipment, and packed free of charge with the utmost care. We ship flowers anywhere and guarantee them to arrive in good condition.

ALWAYS SEND CASH WITH YOUR ORDER

Mail, Phone or Telegraph your orders to

Chas. C. Navlet Co.

SAN FRANCISCO
423-427 Market St.
Phone GARfield 8826

20-22 East San Fernando St., San Jose, Calif.
Phone BALLard 126

OAKLAND
518 Twelfth St.
Phone LAKeside 8074



SEND CASH WITH ORDERS

Always send cash with your order. Otherwise we must send the flowers C. O. D. When orders are to be sent by express, purchaser must pay delivery charges. We make no charge for packing for shipment.

ARTISTIC FLORAL PIECES

In ordering floral pieces please state whether for young person or adult to guide us in the selection of appropriate flowers. As each season has its own varieties, we suggest that you leave the choice of flowers to us and we will in all cases send the best and the most for your money.

NO EXTRA CHARGE FOR LETTERING

Floral Pieces at \$5, \$10, \$15 and up

Choice of following designs:

- | | | |
|------------|--------|----------------|
| Anchor | Wreath | Sickle with |
| Flat Cross | Star | Sheaf of Wheat |
| Heart | | |

Floral Pieces at \$10, \$15, \$20 and up

Choice of following designs:

- | | | |
|-------------------|-------------------|--------------|
| Wreath on Stand | Gates Ajar | Eastern Star |
| Standing Anchor | Scroll of Honor | Harp |
| Vacant Chair | Sickle with Sheaf | Heart |
| Broken Column | of Wheat | Lyre |
| Crescent and Star | Broken Wheel | Star |
| Standing Cross | | |

- Floral Pall: covering of flowers for casket, nicely boxed\$40.00 and up
- Floral Pillow\$7.50 and up
- Casket bouquets of choice flowers.....\$1.50 and up
- Wicker Basket of choice flowers.....\$5, \$10, \$15 and up
- Wreath of Autumn Leaves, with or without flowers at side; will last 2 months.....\$5, \$10, \$15 and up
- Wreath of Magnolia Leaves, autumn color, with or without flowers; will last 6 months.....\$5.00 and up
- Sheaf of Wheat with flowers and bow of illusion\$3.50, \$5 and \$7.50

Any of the above pieces can be furnished smaller or larger than listed. Merely tell us the amount you wish to pay and we will regulate the size accordingly.

CEMETERY VASES

- Cornucopia shaped, spiked at small end, painted green.
- | | | |
|-------------------|--------------|-------------|
| Diam., Top—3¼ in. | Depth— 8 in. | Each—\$0.25 |
| " 5 in. | " 11 in. | " .30 |
| " 5½ in. | " 11½ in. | " .35 |



Tulips, Tall and Stately

Chas. C. Navlet Co. offers the choicest Imported Stock, in gorgeous colorings

PLANTING SUGGESTIONS

Tulips are not only delightful for the Spring garden, but most satisfactory to grow, both for garden and pot culture. They require little attention, and will grow in any fairly good soil. Plant bulbs about 3 inches below surface, 8 to 9 inches apart. Prepare soil with coating of bone meal or pulverized sheep manure and deep spading. Other planting suggestions on Page 13.

DARWIN TULIPS

Plant from October to late December

Darwins are the most satisfactory of all Tulips. They are stately in appearance, attaining a height of 24 to 30 inches, and producing beautiful globular flowers of heavy texture, in a large range of colors. They bloom in April and May and are unsurpassed for bedding and cutting.

All Bulb Orders Sent Postage Free

AFTERGLOW—Deep orange with scarlet flush, shading to clear salmon-yellow at edges of petals; inside glowing warm orange. Flowers borne on sturdy stems. Readily bought for its exquisite beauty. Height 26 in. 65c per doz.; \$4.50 per 100.

BARONNE DE LA TONNAYE—Bright rose margined blush rose. Height 26 in. 60c per doz.; \$4.25 per 100.

CITY OF HAARLEM—Undoubtedly the finest deep scarlet Tulip in existence. Height 28 in. 75c per doz.; \$5.00 per 100.

CLARA BUTT—Bright apple blossom pink, a brilliant and beautiful self-color. Height 24 in. 60c per doz.; \$4.00 per 100.

DREAM—Beautiful soft lilac, lighter on upper part of petals. Height 27 in. 65c per doz.; \$4.50 per 100.

GLOW—Brilliant vermilion, white and blue base. Height 23 in. 65c per doz.; \$4.50 per 100.

KING GEORGE V—Salmon-scarlet shaded rose; inside orange scarlet. Of refined beauty, color and shape which anyone will admire and love. Extra large flower of fine texture. Height 30 in. 85c per doz.; \$6.00 per 100.

KING HAROLD—Large deep rich mahogany red. Height 24 in. 65c per doz.; \$4.50 per 100.

LA TULIPE NOIRE—Finest of black Tulips, very large flower. Height 25 in. 70c per doz.; \$4.75 per 100.

MADAME KRELAGE—Bright rosy-pink, margined pale silvery rose. Height 28 in. 60c per doz.; \$4.25 per 100.

MASSACHUSETTS—Vivid pink, edged rosy white, very late bloomer. Height 26 in. 65c per doz.; \$4.50 per 100.

MELICETTE—Lavender, inside of petals deep lavender violet. Height 25 in. 85c per doz.; \$6.00 per 100.

MRS. FARNCOMBE SANDERS—Magnificent brilliant scarlet. One of the best red Darwins. Height 26 in. 60c per doz.; \$4.25 per 100.

MRS. POTTER PALMER—Bright purple, large flower, stiff stems. Height 26 in. 75c per doz.; \$5.00 per 100.

NORA WARE—Lovely silvery lilac with white suffusion. Very popular. Height 26 in. 75c per doz.; \$5.00 per 100.

PRIDE OF HAARLEM—Brilliant salmon-rose shaded scarlet, blue at base. Height 25 in. 60c per doz.; \$4.00 per 100.

PRINCESS ELIZABETH—Clear deep pink, changing to rose-pink. Height 26 in. 60c per doz.; \$4.25 per 100.

PROFESSOR RAUWENHOF—Bright cherry-red with scarlet glow inside; enormous. Height 28 in. 60c per doz.; \$4.25 per 100.

REV. EWBANK—Heliotrope lilac with pale edge. Height 22 in. 65c per doz.; \$4.50 per 100.

SIERAAD VAN FLORA—Bright rosy pink. Height 24 in. 65c per doz.; \$4.50 per 100.

WHITE QUEEN—White, tinged blush. Height 22 in. 65c per doz.; \$4.50 per 100.

YELLOW DARWIN—Height 24 in. 60c per doz.; \$4.25 per 100.



The Flash of Tulips by a Quiet Pool—the Tender Beauty of Spring Itself!

TULIP NOVELTIES

CLUSIANA—A native of Asia. Recurved petals. They do very well in Rock Gardens. Its glistening white flowers with carmine flame on each petal stand on erect stems from 9 to 12 inches high; glaucous leaves; likes a warm, sheltered corner in deep loose soil. \$1.00 per doz.; \$7.00 per 100, postpaid.

SIRENE (One of the best lily-flowered Tulips)—Beautiful deep rose with paler margins. It is one of the most exquisite Tulips from the time the bud begins to color until the last petal has dropped. The various stages of development are all marked by decided changes of color and appearance. It first opens like a rose, then it takes on the form of a graceful lily while the color grows more delicate, and later, in the midday sun, it changes to a perfect six-pointed star of silvery rose. 75c per doz.; \$3.00 per 100, postpaid.

SUNDEW—A magnificent new Tulip which has created astonishment at recent flower shows. At a Philadelphia show, a large vase of it was surrounded at all times by an admiring throng. The long, heavy petals of smooth texture are lit with glowing rose-red, shaded somewhat darker, but the crowning feature is its frilled edges which give the impression of ruffling or fringing, giving the flower a character wholly distinct from any other. It's a rich red color enhanced with sparkling blue base and bright golden yellow anthers. It blooms with the Darwin Tulips in May on long stems. \$1.50 per doz.; \$12.50 per 100, postpaid.

MARIPOSA (Butterfly) TULIPS

Mariposa Tulips (Calachorti) are natives of the Pacific Coast. They are profuse bloomers, wonderfully marked with eyes and dots and pencillings in rich colors. Thrive in light, porous soil. Plant from October to January, 2 inches deep, 2 inches apart. 50c per doz., delivered free.

GARDEN BOOK FREE

Send us your 2 year subscription to SUNSET Magazine at the regular price \$1.00, and your copy of the SUNSET Garden Book will be mailed postpaid. Order your subscription on the same blank which you use to order your seeds, plants, and bulbs.

DARWIN MIXTURE

50c per Doz. \$3.50 per 100

\$32.50 per 1,000

Delivered Free

An exceptional value in assorted colors—strong bulbs, full of life sure to bloom. We assure you a beautiful assortment of colors in this choice mixture.

REMBRANDT MIXTURE

75c per Doz. \$5.00 per 100

Delivered Free

Rembrandt Tulips are self-colored Darwins which have broken up into very effective striped and blotched colorings.



Tulips with the Sheen of Satin

BREEDER TULIPS

Breeder Tulips are even larger in size than the Darwins, some of the tallest and most gorgeous of the Tulips coming in this group. They are especially noteworthy for their wonderful colorings, beautiful blendings of bronze, gold, rose, mauve, etc.

Prices Quoted Include Postage

- APRICOT**—Deep bronze orange, with olive base. Height 25 in. 70c per doz.; \$4.75 per 100.
- BACCHUS**—Violet blue, with dull bloom. A very beautiful, large flower on very tall stems. Bacchus is considered one of the finest Breeder Tulips. Height 31 in. 75c per doz.; \$5.50 per 100.
- BRONZE KING**—Soft buff, shaded bronze, with inside tinged golden bronze. Height 26 in. 75c per doz.; \$5.00 per doz.
- BRONZE QUEEN**—Buff inside, tinged golden bronze. Height 28 in. 65c per doz.; \$4.50 per 100.
- CARDINAL MANNING**—Rose and mauve blended, almost pure orange at end of petals. Height 30 in. 65c per doz.; \$4.50 per 100.
- DOM PEDRO**—Coffee brown, shaded maroon, with canary-yellow border. Undoubtedly one of the most attractive among the brown Tulips. Height, 24 in. 75c per doz.; \$5.00 per 100.
- GODET PARFAIT**—Deep blue-violet, outside resembling the color of purple grapes or plums. Flower large on strong, tall stem. Keeps in good condition for weeks. Height 30 in. 75c per doz.; \$5.00 per 100.
- LOUIS XIV**—Immense globular flower, rich purple with golden bronze margin; inside purple-bronze. Height 28 in. 65c per doz.; \$4.50 per 100.
- LUCIFER**—Bright orange-scarlet. Beautiful, large, substantial flowers are of globular shape. It is considered the finest brilliant orange Breeder Tulip and will give the greatest satisfaction. Bacchus and Lucifer make a very fine showing when massed. Height 26 in. 90c per doz.; \$6.50 per 100.
- PANORAMA OR FAIRY**—Deep orange-red shaded mahogany, very large. Height 26 in. 65c per doz.; \$4.50 per 100.
- PRINCE OF ORANGE**—Terra-cotta, shaded bright orange-yellow, large bell-shaped flower of very brilliant color. Height 24 in. 75c per doz.; \$5.00 per 100.
- SUNRISE**—Apricot inside and edge of petals golden yellow. Height 28 in. 75c per doz.; \$5.00 per 100.

BREEDER TULIPS, ASSORTED

65c per Doz. \$4.50 per 100
Delivered Free

A mixture of the most beautiful colorings of the showy Breeder group, which will plant to a bed of wonderful beauty. You will be delighted with the selection.



*Cottage Tulips Are Smaller But
in Wider Color Range*



*The Breeder Tulip is Tall
and Well-Formed*

COTTAGE or MAY TULIPS

Cottage or May Tulips come in many wonderful colorings that are not found in other groups, including some of the clearest of the blended shades. For this reason they are favored by many, though their stems are not as long as the Darwin and Breeder varieties. Most of them have a flaring, lily-like form.

Prices Quoted Include Postage

- GESNERIANA SPATHULATA**—Scarlet, blue base, large, long-stemmed. (Grows 24 inches). 75c per doz.; \$5.00 per 100.
- FAIRY QUEEN**—Rosy heliotrope, margined amber yellow (Grows 20 inches). 75c per doz.; \$5.00 per 100.
- INGLESCOMBE PINK**—Most evenly colored Pink Tulip. (Grows 20 inches). 60c per doz.; \$4.25 per 100.
- INGLESCOMBE YELLOW**—Large globular flowers, canary yellow. 60c per doz.; \$4.25 per 100.
- MRS. MOON**—Deep yellow, reflexed pointed petals. 75c per doz.; \$5.00 per 100.
- ORANGE KING**—Large globular flowers, orange shaded scarlet, yellow centers and black anthers. (Grows 24 inches). 60c per doz.; \$4.25.
- MAIDEN BLUSH**—(Picotee)—Pure white, margined carmine rose, pointed centers and black anthers. (Grows 24 inches). 60c per doz.; \$4.25 per 100.
- MOONLIGHT**—Soft sulphur-yellow; long, oval flower on graceful stem. One of the most attractive light yellow varieties and very useful in the border. Height 25 in. 75c per doz.; \$5.00 per 100.

COTTAGE TULIPS, ASSORTED

75c per Doz. \$5.00 per 100

This is a particularly fine mixture of our Cottage or May Tulips, with blooms in a wide variety of colors. You will find the blooms of good size, and the colorings perfect.

PARROT TULIPS

Parrot Tulips are an unusual variety, strangely shaped, resembling a Parrot's beak. They are striped, in bright combinations of color.

Assorted Colors, 70c per doz., \$4.75 per 100, delivered free

SUPREME TULIP MIXTURE

60c per Doz. \$4.25 per 100
Delivered Free

A choice collection, including the best Tulip varieties listed in our catalogue. For a mixed planting of showy splendor we especially recommend this mixture.

A Host of Golden Daffodils

Most thrilling of all the Bulbs, embroidering the very skirts of Winter with a border of golden sunshine! Plant them in borders for masses of brilliant yellow, or scatter them at random in mixed plantings or through the grass for occasional spots of Springtime brilliance. They will repay you well for the casual care they require.

CULTURAL SUGGESTIONS

For pot culture plant 2 or 3 bulbs in a 6-inch pot, leaving the top of each bulb just above the surface. Keep well watered in a dark place for two or three weeks before bringing in the house. For outdoor culture plant the bulbs about 4 inches below the surface and 8 to 12 inches apart.

The bulbs can be put away and kept for a second year planting. After they are through blossoming allow the top growth to die back to the surface of the soil, then lift the bulbs and keep in a dark, dry place in dry sand or saw-dust. Daffodils bloom in March and April.

All Bulb Orders Are Sent Postage Free

LARGE TRUMPET DAFFODILS

EMPEROR—One of the largest and finest Daffodils in cultivation, pure yellow trumpet of immense size, and wide overlapping, rich primrose perianth; for growing in pots is unequalled. Much in demand for cutting. 15c each; \$1.00 per doz.; \$7.50 per 100.

EMPRESS—Of strong, robust growth, with fine large flowers; the perianth snow white, trumpet rich yellow; one of the best bi-colors and of rare beauty for cutting. 15c each; \$1.00 per doz.; \$7.50 per 100.

KING ALFRED—Rich golden yellow. Very large, broad, elegantly twisted and beautifully recurved; trumpet broad; massive, well formed perianth. The remarkably handsome flowers, which are of great substance, stand horizontal on their strong stems. 20c each; \$1.50 per doz.; \$10.00 per 100.

CROWN DAFFODILS

BARRI CONSPICUUS—Pale yellow perianth, broad, short cup edged orange-scarlet. Very fine and free-flowering variety, excellent as cut flower. 10c each; 75c per doz.; \$5.00 per 100.

LUCIFER—White perianth. An intense orange cup; large flowers. 15c each; 75c per doz.; \$5.00 per 100.

SIR WATKIN—Immense flowers, often measuring 5½ inches across; perianth light yellow, crown rich golden yellow. 15c each; \$1.00 per doz.; \$7.50 per 100.

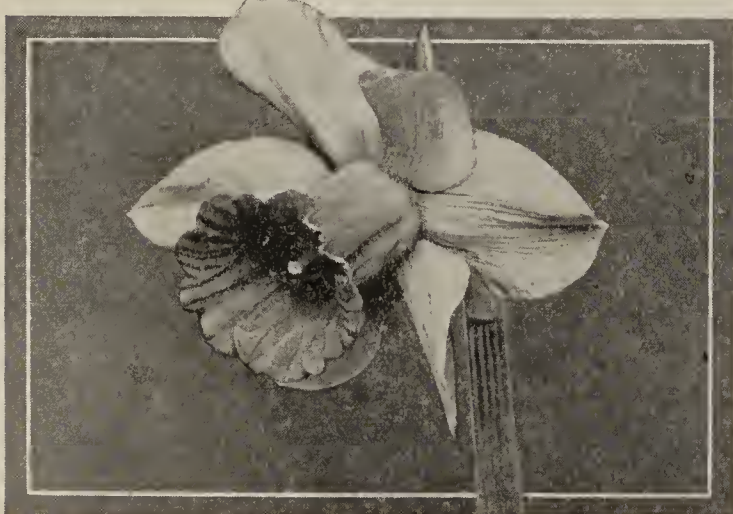
DOUBLE DAFFODILS

ALBO PLENO ODORATO—Double snow-white gardenia-shaped flower, sweet scented. 15c each; 75c per doz.; \$5.00 per 100.

SULPHUR PHOENIX—Large creamy white rose-shaped flowers with sulphur center. Very chaste and beautiful; good for cut flower. 15c each; \$1.00 per doz.; \$7.50 per 100.

ORANGE PHOENIX—White with reddish orange center; very double flower. 15c each; \$1.00 per doz.; \$7.50 per 100.

VON SION—The famous Old Dutch Daffodil; flowers golden yellow. Used in enormous quantities for forcing; also excellent for bedding in conjunction with Hyacinths, flowering at the same time. 15c each; \$1.00 per doz.; \$7.50 per 100.



King Alfred is One of the Finest Daffodils



The First Daffodil and the First Bird—
and Spring is Here!

NARCISSUS POETICUS AND POETAZ

ALBO PLENO ODORATO—Double snow-white gardenia-shaped flower, sweet scented. 10c each; 75c per doz.; \$5.00 per 100.

ELVIRA (Poetaz)—Pure white with golden yellow cup, edged with orange, producing 3 to 4 flowers to each stem. 10c each; 85c per doz.; \$6.00 per 100.

ORNATUS (Poeticus)—Perianth pure white and fine, round shaped cup yellow with scarlet. Very fine flowering. 10c each; 75c per doz.; \$5.00 per 100.

NARCISSUS POLYANTHUS

GRAND SOLEIL D'OR (True Strain)—A rich clear yellow Narcissus with orange cup. Very beautiful in form and extremely sweet in fragrance. 15c each; \$1.00 per doz.; \$7.50 per 100.

PAPER WHITE NARCISSUS—Pure snow white flowers. This variety is perhaps more largely forced for cut flowers than any other. 8c each; 75c per doz.; \$5.00 per 100.

JONQUILS

RUGULOSUS (Jonquils). Self colored rich yellow; very fragrant; three or four flowers on a stem; the best form of the single Campernelle Jonquils. Fine for borders or naturalizing. Height 17 inches. 75c per doz.; \$5.00 per 100.

RUGULOSUS FLORE PLENO (Double Jonquils). Clear golden yellow. Fine for outdoors or pots. 75c per doz.; \$5.00 per 100.

DAFFODIL-NARCISSUS ASSORTMENT

75c per Doz.

\$5.00 per 100

Delivered Free

Here's a wonderful buy for flower lovers, especially those who love variety in bloom—a grand assortment of Daffodils and Narcissus of all types, small and large. To those who are just becoming acquainted with various varieties, we suggest this mixture as a convenient introduction to many new beauties.

The Charm of Fragrant Hyacinths



Navlet's Bedding Size Produces Excellent Hyacinth Blooms

FIRST SIZE HYACINTHS

For those who desire to produce Hyacinths of the grandest and largest size and finest quality, we recommend Navlet's FIRST SIZE Hyacinth Bulbs. They are extra choice, large round bulbs, selected especially for the most critical trade. They will produce the extra large, handsome flowers so highly prized, and are excellent for forcing and pot culture.

All varieties, 20c each; \$1.65 per doz., \$12.00 per 100, delivered free

- GRAND MAITRE—Dark porcelain blue, large truss.
- GEN'L DE WET—Bright pink, large erect spike.
- GERTRUDE—Fine rosy pink; excellent sort for forcing or bedding; large flowers.
- KING OF BLUES—Deep purplish blue, glossy, large compact spikes. The finest dark blue.
- LA VICTOIRE (New)—Brilliant carmine red, forces early, extra fine.
- L'INNOCENCE—One of the earliest; pure white, large truss.
- QUEEN OF THE BLUES—Azure blue, large bells.
- YELLOW HAMMER—Golden yellow, broad spikes.
- MIXTURE of all above named varieties, per doz., \$1.50; per 100, \$10.00, delivered free.

BEDDING HYACINTHS (Second Size)

This is the grade usually purchased for mass bedding, except where particularly grand individual blooms are desired. Because of the demand for this price and size of bulb, we have a particularly select strain of strong, vigorous bulbs, producing fine flowers.

All varieties, 10c each; \$1.00 per doz.; \$7.00 per 100, delivered free

- GRAND MAITRE—Dark porcelain blue.
- GEN'L DE WET—Bright pink.
- GERTRUDE—Rosy Pink.
- KING OF BLUES—Deep purple blue.
- LA VICTOIRE—Carmine red.
- L'INNOCENCE—Pure white.
- QUEEN OF THE BLUES—Light blue.
- YELLOW HAMMER—Golden yellow.
- ALLCOLORS MIXED, \$1.00 per doz., \$7.00 per 100, postpaid.

GRAPE HYACINTHS (Muscari)

These are a related form of Hyacinth, producing dainty little flower spikes bearing curious ball shaped bells in blue. They thrive in either partially shaded or sunny locations, and are well adapted for growing in pots. For indoor culture, plant 6 bulbs in a 5 inch pot, and treat same as Hyacinths.

- AZUREUS—Cambridge blue, flowering in February. 50c doz., 100 for \$3.50, postpaid.
- HEAVENLY BLUE—Flowers light blue; very strong growers, producing much larger spikes than the ordinary sort. 50c doz., 100 for \$3.50, postpaid.

OUTDOOR CULTURE

The preferable season is September, October, November and December, but bulbs give good results if planted later. Hyacinths should be planted from two to three inches below the surface and five to eight inches apart. After flowering, if the beds are wanted for late Spring planting, take up the bulbs, top and roots, and "heel in" in some corner of the garden until the bulbs mature, after which they should be spread out in an airy room to dry, and kept in a cool dark place until time for replanting the following autumn.

INDOOR CULTURE

Bulbs for winter blooming can be planted from September until December—the earlier the better. Plant one bulb to a four-inch pot, or three to a six-inch pot. Then place in a cool, dark cellar, watering well. The whole success of pot culture depends on getting the roots well established in the pots, at a low temperature, before you begin to force the tops. From three to four weeks is not too long to leave them in a dark place. After this the bloom is easily developed by giving light, heat and water, and one can have a supply of flowers from Christmas until Easter by regulating the time of bringing them to the light.

GLASS CULTURE

When it is desired to grow Hyacinths or Narcissus in water they should be placed so that the base of the bulb merely touches the water. The glass should then be set in a cool dark place until filled with roots, when they should be brought into the light. Every few days fill the glass with water. Give as much fresh air as possible in a temperature of about 60 degrees until the spikes are developed.

HYACINTH GLASSES

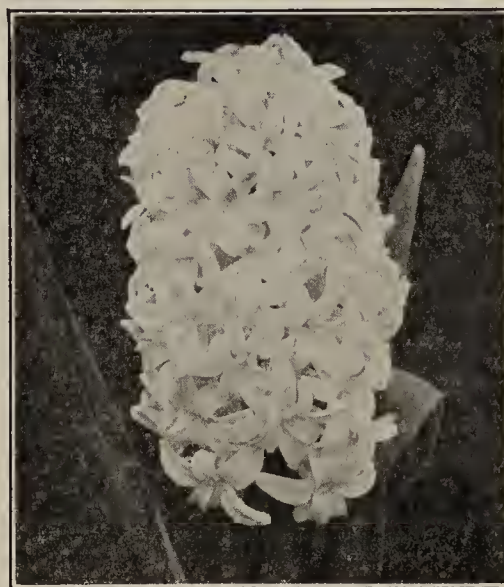
Tall 60c
Tye.....
Delivered Free

WOOD HYACINTHS (Scilla)

Delightful bell-shaped flowers, suitable for edgings or borders in shady places. Plant 4 to 6 inches apart.

Postpaid

- BLUE—Porcelain blue, tall growing, very floriferous. 50c per doz.; \$3.00 per 100.
- ROSE—Delicate old rose, medium height, large bells. 75c per doz.; \$5.00 per 100.
- WHITE—Snow white; the true bell variety. 50c per doz.; \$3.00 per 100.



Our First Size Hyacinth Bulbs Produce Large, Perfect Individual Specimens



Iris, Orchid-Like in Beauty

We offer choice varieties, gathered from the far corners of the world

Plant 2 inches deep and about 15 inches apart, in sunny or slightly shaded places. See Page 13 for general cultural directions.

CHOICE GERMAN IRIS

ASIA—Standards are broad and massive, pale silvery lavender, golden base. Falls are a rosy lavender, lighter at margin. Blooms Mid-summer until Fall. Height 48 inches. 75c each, 3 for \$1.90, delivered free.

CLEMENT DESORMES—Her Majesty cross of deep red pink coloring. Large bright flowers, conspicuous orange beard. 50c each, 3 for \$1.25, delivered free.

HIDALGO—Large lavender, unusually broad shape, tall and up-standing and very desirable in California. Shows a beautiful orchid-pink under electric light. 75c each, 3 for \$1.90, delivered free.

IRIS KING—The standards a golden yellow, with falls a velvety garnet with yellow edges. Frequently blooms in the Fall in California. 25c each, 3 for 50c.

LADY FOSTER—One of the noblest lavender-blue Irises with unusually large flowers of smooth texture and excellent substance. Fragrant and very floriferous, sometimes blooming into the Winter in California. 25c each, 3 for 50c.

MAGNIFICA—Huge flowers with standards a light violet-blue and red-velvet falls. A vigorous grower, prized as a novelty. 30c each, 3 for 75c.

MME. GAUDICHAU—An unusually dark, velvety bi-color, with standard of Bradley's violet, and falls a brilliant blackish-purple. Of fine shape and exceptional substance. Stalks high and widely branched. Fragrant. 40c each, 3 for \$1.00.

MOTHER OF PEARL—As the name indicates the colors of this beautiful Iris are the iridescent shades of Mother of Pearl. The flower is large and of excellent substance. Stems are tall and well-branched. 20c each, 3 for 50c.

NANCY ORNE—A large rose-purple flower suffused with yellow, giving the effect of a lovely fawn pink. Stalk is low and well-branched. 20c each, 3 for 50c.

SPECIAL IRIS GROUP BARGAIN

Nine Beautiful Irises, one each of the choice varieties listed above, postpaid..... **\$3.25**

OTHER POPULAR GERMAN IRIS

15c each, 3 for 35c, 12 for \$1.25, postpaid

ALCAZAR—A glant in flower and growth, inner segment light bluish violet, outer segment deep purple, bronze veined at the throat. Very beautiful. Attracts great attention on account of its size and beauty.

BLUE JAY—Bright clear blue, outer segment dark blue.

CATERINA—Massive lavender flowers, 4 feet high.

FLORENTINA—Creamy white flushed lavender. Very early.

FLAVESCENS—A delicate white flushed lavender. Very early.

HER MAJESTY—Rose pink, outer segments bright crimson. Fine for massing. A beautiful variety.

ISOLENE—A new variety; standards pale lavender; falls light purple overlaid with brown, beard yellow—strong growers.

MONSIGNOR—Distinct beautiful rich coloring. Pale unveined.

LOHENGRIN—Lilac rose, very large and beautiful. Violet, outer segments a groundwork of the same shade but richly overlaid and veined with deep purple.

NIBELUNGEN—Standards fawn-yellow; falls deep purple, edge creamy white; new sort; 30 inches.

PALLIDA DALMATICA—Exquisite shade of lavender-blue, strong grower and a very free bloomer.

PAULINE—Segments unusually large—rich pansy violet, deep orange beard, fragrant.

PRINCESS VICTORIA LOUISE—Standards lemon yellow. Falls Rood's Violet bordered sulphur yellow. Stalks well-branched, growth rampant, 30 inches.

QUAKER LADY—Smoky lavender with yellow shading, outer segments Ageratum blue and old gold. Yellow beard.

QUEEN OF MAY—A lovely rose lilac, almost pink.

RING DOVE—Standards deep lavender to olive lake. Falls lavender, violet shaded at beard to wax yellow. Stalks well branched, growth vigorous. Height 36 inches.

TUNISIE—Standards smoky lavender shaded olive buff. Falls deep violet blue with brown reticulations at haft; late. 24 inches.



The Iris, Daintily Frilled, Comes in a Profusion of Magnificent Color Combinations

SPANISH IRIS

75c per dozen, \$5.00 per 100, delivered free

Spanish Irises are much in favor for their long, graceful stems and long flowering season, extending from late April through June. We offer three choice varieties:

CHRYSOLACA—A beautiful clear golden yellow.

EXCELSIOR—Delicate light blue.

LA INNOCENCE—White with yellow blotch on falls.

SPANISH IRIS MIXTURE

An even mixture of colors from the choice varieties listed. Makes a beautiful mixed planting. 65c doz., \$4.50 per 100, delivered free.

OTHER FAVORITE IRIS TYPES

BUTTERFLY IRIS (Ochroleuca Gigantea)—Flowers similar to the Spanish Iris, but much larger, coming four to the stalk. Foliage grows to a height of 3 feet. Blooms last 10 days after cutting. Pure Canary Yellow, 35c each, \$3.50 per doz., delivered free. Cream White, 25c each, \$2.50 per doz., delivered free.

DUTCH IRIS—Earlier in bloom than the Spanish, which they much resemble. We offer Imperator, a large, brilliant blue. 65c per doz., \$4.50 per 100, delivered free.

JAPANESE IRIS—Long graceful stems, with blossoms often 8 to 10 inches in diameter. They come in blues, grays, lavenders, white and pink, crimson, rose and lilac. They require much water. Plant 4 in. deep, 12 to 14 in. apart. Mixed varieties, 3 for \$1.25; \$5.00 doz., delivered free.

ORIENTAL PODDED IRIS (Iris Foetidissima)—This unique hardy Iris develops large brown pods, which open slowly to reveal rows of bright red berries against a white background. Each stalk grows 2 to 5 pods, and may be cut and used in the home indefinitely for winter decoration. 15c each, \$1.00 per doz., delivered free.

STYLOSA IRIS (Winter Blooming)—In bloom continually from Fall to Spring. Form into clumps, with evergreen leaves 2 feet long. Color a lilac-blue. 15c each, \$1.50 per doz., delivered free.



Lilies, Tall and Stately

CALLA LILIES

WHITE AND YELLOW

Plant from August to March

White Calla, or Lily of the Nile—White flowers. Large bulbs, 15c each; \$1.50 per doz., postpaid.

True Yellow Calla—This rare and beautiful novelty is entirely distinct and unlike all other forms of Yellow Calla. It has the same habit of growth as the white variety. Price 25c each; \$2.50 doz.; \$17.50 per 100, postpaid. Extra choice, 35c each, \$3.50 doz., postpaid.

Spotted Leaf Calla—An exceptionally pretty and curious plant; pure white, dark throated flowers. Rich green leaves, spotted all over with white. Grows and blooms freely either in the house or garden. Bulbs 25c each; \$2.50 per doz., postpaid.



The Colored Lilies Achieve Effects of Startling Beauty



Easter Lilies are Triumphant in Their Glory

EASTER LILIES

Plant from October to March

LILIUM FORMOSUM—(Early)—The greatest acquisition made in many years. The remarkably short time required to bring them into flower, and the certainty to produce a profusion of blooms, and also the ease with which they can be made to flower at the desired period, such as Christmas, Easter, and other special occasions render them invaluable. The flowers are delightfully fragrant, pure waxy white, of great substance, and if cut as soon as they open, or partially open, they can be kept for two weeks. If planted early will bloom for Easter. 20c each; \$2.00 per doz., \$15.00 per 100.

GLORIOUS COLORED LILIES

LILIUM AURATUM—The Gold-Banded Lily of Japan. The immense flowers—white, thickly dotted with crimson and beautified with a wide golden-yellow band running through the center of each petal—measure nearly a foot in width, and are borne in great clusters. 20c each; \$2.00 per doz.; \$15.00 per 100.

LILIUM CANDIDUM—Annunciation or St. Joseph Lily—The well-known garden Lily, with the snow-white, fragrant blossoms. Plant from August to November. 35c each; \$3.50 per doz.; \$27.50 per 100.

LILIUM GIGANTEUM—(Late)—Plant sturdy growth, black marked stems. Flowers largest of pure white, longiflorums. 20c each; \$2.00 per doz.; \$15.00 per 100.

LILIUM HENRYII—The flowers are a rich apricot yellow with a few brown spots; grows 3 to 5 feet high; very hardy and free flowering. 20c each; \$2.00 per doz.; \$15.00 per 100.

LILIUM REGALE (The Regal Lily)—Without doubt it is one of the finest and should find a place in every garden. It is vigorous in growth, hardy and thrives best in loam, but will grow anywhere that is well drained. It bears a profusion of funnel-shaped blooms; the outside ribs are brown, shading to pink, then white. The fragrance is delightful. Blooms in July. Plant 8-10 inches deep. Small: 20c each; \$2.00 per doz.; \$14.00 per 100; Large: 35c each; \$3.50 per doz.; \$25.00 per 100.

LILIUM PLATYPHYLLUM—Similar to Auratum, but larger. Especially noted for its broad, lustrous leaves, which give double attraction. The petals are studded with crimson chocolate spots. 30c each; \$3.00 per doz.; \$20.00 per 100.

LILIUM RUBRUM—Magnificent. White flowers are spotted with red, and have a deep rose band running through the center of each petal. 20c each; \$2.00 per doz.; \$15.00 per 100.

LILIUM TIGRINUM—The grandest of the Tiger Lilies. Produces extremely large pyramids of flowers—orange-red, spotted with black. Very showy. 20c each; \$2.00 per doz.; \$14.00 per 100.

LILY OF THE VALLEY

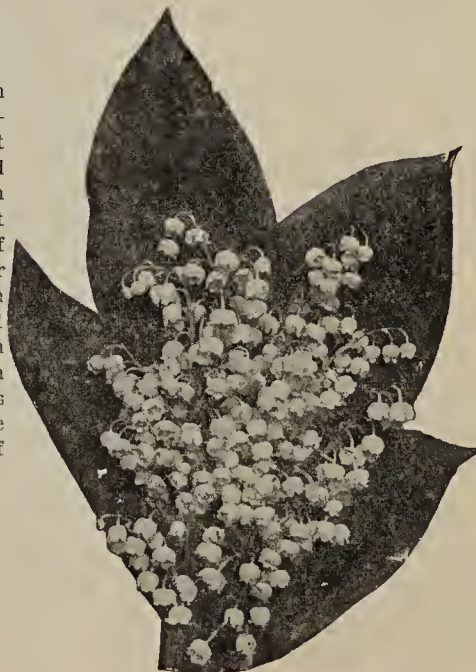
12 Large Bulbs for..... 75c

100 Large Bulbs for..... \$5.50

Postpaid

Plant from December to April

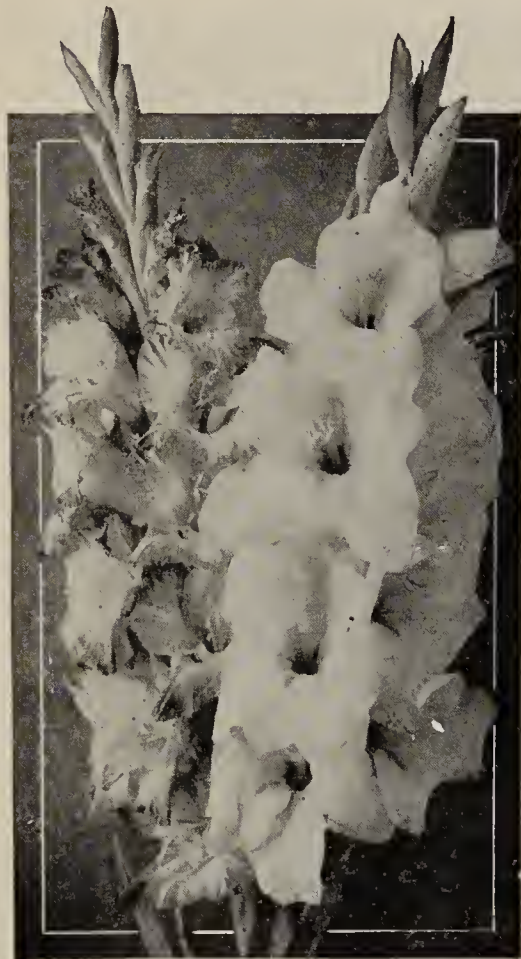
Its graceful waxen bells are filled to overflowing with the most delicious perfume, and set among its own glossy green leaves it is indeed the gem of the garden. Fine for flowering in pots in the Winter, but most charming when grown in large patches in partly shaded localities around the lawn or the borders of streams of lakes.



Delicately Formed, Delightfully Fragrant, the Lily of the Valley is the Gem of the Garden

The Gladiolus, Glorious in Color

Tall spikes of gorgeous bloom, flashing their opulent beauty across your Summer Garden



These Beauties Are Included in Navlet's Exposition Mixture

TWO FAMOUS MIXED SPECIALS

Chas. C. Navlet Co.'s Marvelous EXPOSITION MIXTURE

- 12 Choice Bulbs.....\$.60
- 50 Choice Bulbs..... 2.25
- 100 Choice Bulbs..... 4.00

In this mixture we include many of the prize beauties of the Gladiolus world. Blooms are beautifully ruffled and frilled, and colors are gorgeous. Flowers are borne on long, graceful stems. No two alike. Delivered free.

BEDDING MIXTURE SPECIALS

- 12 Bulbs\$.40
- 50 Bulbs 1.50
- 100 Bulbs 3.00

If you wish to plant a large quantity of Gladioli at only very moderate cost, we cannot recommend this mixture too highly. Included are flowering Gladioli in wide variety of colors. Postpaid.

Plant Gladioli from November to April

Prices Quoted Below Include Free Delivery

	Each	3 for Sent Postpaid	Per doz.	Per 100
ALICE TIPLADY —(Primulus Type)—Immense flowers of brilliant orange saffron, very dainty in coloring	\$0.07	\$0.15	\$0.50	\$3.50
BETTY NUTHALL —The glory of the whole garden. Glowing orange pink with pale orange throat and a light feathering of carmine. Florets are often six inches across. Eight or more open at one time.....	.25	.60	2.00	13.50
CHICAGO WHITE —An early white. Lower petals have reddish-purple blotch.....	.07	.20	.75	5.00
DR. F. E. BENNETT —Brilliant peach red overlaid with scarlet, the throat slightly speckled with ruby and white. Many flowers bloom at one time. This is a gorgeous "house afire" red, a magnificent Gladiolus.....	.07	.20	.75	5.00
GERALDINE FARRAR —Beautiful pale lavender violet with deep violet spot on the lip.....	.10	.25	1.00	7.50
GOLDEN MEASURE —A large flower of beautiful golden yellow; grows 5 and 6 feet tall with as many as 25 buds to a stalk.....	.07	.20	.75	5.00
HALLEY —Large flowers, salmon-pink, lower segments blotched yellow with carmine marking .....	.06	.15	.50	3.50
HERADA —Blooms of immense size on tall, straight spikes. Color is a pure mauve; with deeper markings in throat; a very attractive color .....	.07	.20	.75	5.00
JOHN T. PIRIE —Dark mahogany rose, with a bright carmine blotch and straw color mid-rib on lower petals.....	.10	.25	1.00	7.50
LEON DOUGLAS —"Begonia Rose," striped with scarlet, a Gladiolus of lovely coloring. Flowers are exceptionally large on tall strong stalks.....	.06	.15	.50	3.50
LOS ANGELES —A lovely, unusual shade of shrimp pink, with a deep orange tinge to the throat. Grows on tall, graceful stem, ideal for cutting .....	.06	.15	.60	4.00
MRS. DR. NORTON —A delicate pink shading to a lighter shade for pink at tips of petals; lower petals marked with a soft yellow.....	.06	.15	.60	4.00
MRS. FRANK PENDLETON —Salmon-pink, red blotch in the throat on lower petals.....	.06	.15	.50	3.50
PRINCE OF WALES —One of the newer Gladioli of tremendous popularity. Flowers are a delightful salmon color, very large.....	.06	.15	.50	3.50
ROSE ASH —Entirely new in color. A beautiful shade of rose blended with pink, and soft yellow at base of petals. A strong grower.....	.10	.15	.60	4.00
SUNRISE —The largest brilliant salmon grown; blooms very early .....	.07	.20	.75	5.00
SOUVENIR —(Primulus Type)—The best pure, golden yellow. Borne on long, graceful spikes..	.06	.15	.50	3.50
VIRGINIA —A beautiful shade of scarlet, each blossom well formed. Spikes are long and graceful .....	.06	.15	.50	3.50
W. H. PHIPPS —Beautiful LaFrance pink, overlaid light salmon rose. Lower petals faintly striped and speckled ruby. Flowers are enormous, ten or more open at one time.....	.10	.20	.75	5.00

BABY GLADIOLI

Miniature replicas of the big Gladioli, flowering in the Spring. They are at their best for Decoration Day. Flowers are borne on long slender stems, thickly clustered, and are much in favor for cutting.

Prices of all Varieties: 50c per doz.; \$3.50 per 100, Delivered Free

- APOLLO**—Orange-salmon; very fine.
- BRILLIANT**—Deep scarlet, excellent color.
- PEACH BLOSSOM**—Delicate rose blush, with rose and cream blotches.
- THE BRIDE**—Pure white, very effective in mixed bouquets.

Bulbs for Spring and Summer Flowering

There's no delight to equal the first glimpse of Bulbs breaking through the soil!
Plant them early for early flowering.

AGAPANTHUS

UMBELLEATAS—For centerpieces in the lawn the Agapanthus with its showy blue flowers cannot be excelled. Grows 2½ feet high in a season. Foliage is somewhat like Amaryllis. Blooms nearly all year round; foliage never dies. 25c each, \$2.50 doz., postpaid.

ALSTROMERIA

A Chilean Lily with spikes of lily-like flowers, orange-yellow spotted red. Fine cut flower owing to its lasting qualities. Grows two feet tall and blooms in July. Set the tubers not less than 6 inches deep. Each 25c; per dozen, \$2.50, postpaid.

AMARYLLIS

BELLADONNA MAJOR—A Summer blooming variety of extremely beautiful silvery-pink sweet-scented Lilies. Should be planted early. Mammoth bulbs 20c, by mail 25c; 12 for \$2.00, by mail \$2.15.

BELLADONNA MINOR—An Autumn or late blooming variety. Comes in bloom when all other varieties of Amaryllis and Summer blooming flowers have ceased to bloom. The tip of each flower is a dark shell pink, the throat a delicate silver pink. Mammoth bulbs 25c, by mail 30c; 12 for \$2.50, by mail \$2.65.

ANEMONES

Anemones flower early in the Spring and make a pretty display when planted in a bed or border. They come in pinks, blues, etc., and much resemble Poppies. Very hardy.

Soak bulbs in water before planting, then set out 1 inch below the surface and 6 inches apart.

CAEN OR GIANT SINGLE MIXED.....60c doz., 100 for \$4.00
DOUBLE MIXED (ST. BRIGID).....75c doz., 100 for \$5.00

BLEEDING HEART

The beautiful lyre flower—one of the most ornamental of Spring flowering plants, with elegant green foliage and long drooping racemes of heart-shaped flowers. Very hardy. Plant from November to April. Roots 60c each; 12 for \$6.00, postpaid.

BEGONIA

(Tuberous Rooted)

(January delivery, prices postpaid)

Splendid pot plants; also useful for bedding outside in partial shade, flowering very profusely. Orange, Rose, Scarlet, Salmon, White, Yellow. Single, all colors, separate or mixed, each 20c; \$1.50 doz.. Double, all colors, separate or mixed, each 25c, \$2.00 doz.

PLANTING INSTRUCTIONS

Turn to Page 13 for diagram of planting depth and width between bulbs, as well as for Bulb Planting Calendar.

All Bulb orders are sent you postage free. Order Bulbs early!



The Springtime Garden Has a Beauty all its Own—Fleeting but Perfect

CANNA ROOTS, Extra Choice

25c per root; 3 for 65c; \$2.50 per dozen, postpaid

THE AMBASSADOR—Appropriately referred to as the "Bronze-Leaved President," a wonderfully vigorous free-flowering brilliant cherry red. 5 feet.

APRICOT—A very attractive Canna, apricot in color.

FIREBIRD—The largest and richest of the red-flowering Cannas. The flowers are born in immense trusses on strong stalks, well above the leaves. Of splendid form—uniformly round and shapely. The petals measure and sometimes exceed 2½ inches across—the color is clear, glistening scarlet without any streaks, spots or blemishes.

MRS. PIERRE S. DUPONT—A gorgeously beautiful Canna of a vivid watermelon-pink; the individual flowers are very large in fine massive trusses; 4 feet high.

STATUE OF LIBERTY—An extremely vigorous grower, with bronze foliage and large, orange scarlet flowers. 5 feet high.

YELLOW KING MEDIS—Foliage a very dark green with flowers measuring 5 to 7 inches across; individual petals 3 to 3½ inches diameter. Color a deep yellow, heavily spotted and blotched with orange.

OTHER CANNA ROOTS

15c per root; 3 for 40c; \$1.50 per dozen, postpaid

ALLEMANIA—A gorgeous variety, yellow and blood orange.

ALPHONSE BOUVIER—Rich velvety red; green foliage; 5 feet.

MRS. A. F. CONARD—A favorite pink Canna. Unsurpassed for planting either singly or in large beds. The exquisite salmon-pink flowers are of giant size and are so freely produced as to keep up a superb showing for months.

MRS. KARL KELSEY—Orange scarlet-striped and flaked with golden yellow. Wave-edge petals. Foliage green.

NOKOMIS—Height 5 feet. Large vivid crimson flowers, very attractive, with a rich silky sheen on the petals. Foliage bronze. Superior to any crimson variety yet introduced.

UNCLE SAM—Deep vivid crimson. One of the largest orchid reds. Green foliage. Five to six feet high.

CANNA SPECIAL

6 Strong Roots..... 60c

12 Strong Roots..... \$1.00

Our special selection of the most colorful varieties—a beautiful mixture.

GIANT CROCUS

Extra large flowers in blue, white, yellow, or colorful stripings. Very beautiful as a lawn border, or planted in pots for Winter bloom indoors. For garden culture, plant 2 inches deep and 2 to 3 inches apart. Bulbs 20c doz.; \$2.00 per 100, delivered free.

Visit our Nursery—San Francisco Highway, 1 mile south of Sunnyvale—Thousands of Roses, Shrubs, etc., for your selection.



Bravely the Crocus Lifts its Head at the First Whisper of Spring

The Flowers That Bloom in The Spring

A page of choice beauties, peeping through the cool, moist soil of Spring to greet the challenge of the first inquiring bird

CYCLAMEN

The Cyclamen is noted for its richly colored, fragrant flowers and beautiful variegated foliage. Plant from August to March. Selected bulbs 25c each, 12 for \$2.50.

FREESIAS

Lovely perfumed Freesias are a universal favorite. Planted in September they flower very early, adding to the delight of the early Spring garden. Our choice strains include not only the customary whites and yellows, but a beautiful selection of Freesias in delicate blues, pinks, pale lavender and other colors. Plant bulbs 4 to 6 inches apart, 1 inch below surface.

GOLDEN YELLOW—A large flower of bright golden yellow. Extra strong growth, unusually long stems. Bulbs 60c per doz.; \$4.00 per 100, delivered free.

LAVENDER BEAUTY—A delicate lavender, exceptionally dainty. Bulbs 60c per doz.; \$4.00 per 100, delivered free.

PURITY—A pure white Freesia of exceptional beauty, with a delicate fragrance that rivals mignonette, violet or jasmine. Bulbs 25c per doz.; \$1.50 per 100, delivered free.

SPLENDENS—A lavender-blue of exquisite tint. Bulbs 60c per doz.; \$4.00 per 100, delivered free.

YELLOW PRINCE—A large flowering variety of yellow, suffused with orange. Bulbs 60c per doz.; \$4.00 per 100, delivered free.

RAINBOW MIXTURE

A mixture of the best of the colored Freesias (no white) from our list above. Choice bulbs, 50c doz.; \$3.50 per 100, delivered free.

GRAPE HYACINTH (Muscari)

See Page 7

IXIA

They are much admired for their brilliant colors and graceful flowers, which resemble a miniature Gladiolus. They come in several shades and are fine for cutting, lasting several days in water. 50c per doz.; \$3.00 per 100, postpaid.

MONTBRETIA

A Summer flowering bulb, bearing bright colored flowers on long, graceful spikes; foliage is long and graceful, and resembles that of Gladiolus. Large bulbs 12 for 40c; 100 for \$2.50, postpaid.

RANUNCULUS

Ranunculus grow in popularity year after year, especially prized for their varied colors, in the cheery reds and yellows and for their long season of bloom and easy growth. Plant in partly shaded location, 1 inch deep and 6 inches apart.

NAVLET'S

RAINBOW MIXTURE OF CHOICE RANUNCULUS

A beautiful selection of colors that will give you showy masses of bloom for bedding or borders. Bulbs 50c doz.; \$3.50 per 100, delivered free.



Fragrant Freesias May Be Snowy White or Delicately Tinted

SINGLE FLOWERING, 50c doz.; \$3.50 per 100, delivered free.

DOUBLE FLOWERING, 75c doz.; \$5.00 per 100, delivered free.

SPARAXIS

Bright, cheery blooms on long, graceful stems. Sparaxis are noted for their splashes and blotches of color in contrasting shades. Mixed colors only. 35c doz., \$2.50 per 100, postpaid.

STAR OF BETHLEHEM

A beautiful variety. Grows tall spikes bearing numerous milk-white star-shaped flowers, with black centers. Has a distinct pleasant perfume. They are of very easy culture. 75c doz.; \$5.00 per 100, postpaid.

TRITONIA

Colorful orange-red flowers about 2 inches in diameter, with a blotch of contrasting color at the base of each plant. 50c doz., 100 for \$3.00, postpaid.

WATSONIA

Watsonias resemble Bride Gladiolus and come in white, pink and orange, with 25 to 50 blooms on each long, graceful stem. Plant September to January. Bloom early in Spring.

White	.....	50c doz., 100 for \$3.50
Pink	.....	75c doz., 100 for \$5.00
Orange	.....	75c doz., 100 for \$5.00
Mixed	.....	75c doz., 100 for \$5.00



Ranunculus is Gay with Color

PEONY

Make a gorgeous display when planted in beds on the lawn or planted singly along a walk or herbaceous border. The roots should be placed so that the crown is covered with two inches of soil. Plant from October to June. Choice double-flowering pure white, and rose pink, strong roots, 75c each, postpaid; 12 for \$7.50, delivered free.

SCILLA

(Wood Hyacinth)

See Page 7

SNOWDROPS

Beautiful dwarf white flowers, very early. In cold countries they push up through the snow in the very early spring, a habit from which they acquired their name.

TUNE IN!

Navlet's

"Timely Garden Tips"

K L X

WEDNESDAY

1:00 to 1:15 P.M.

Helpful talks on garden subjects, presented by a leading authority. You'll enjoy them!

Helpful Hints for Healthy Bulbs

Bulb flowers are not only among the most delightful, blooming early in the Spring, for the most part, with delicate formations and captivating colors, but they are among the easiest of cultivation. And with even reasonable care, they are certain to bloom abundantly.

THE BULB PLANTER'S CALENDAR

AgapanthusOct. to April
 Amaryllis (Belladonna).....Sept. to March
 AnemonesSept. to Feb.
 Bleeding HeartNov. to April
 Tuberosus BegoniaFeb. to May
 Calla LilyAug. to Mar.
 Cinnamon VineJan. to June
 CrocusSept. to Feb.
 CyclamenAug. to March
 DaffodilSept. to Feb.
 DahliasJan. to June
 Dielytra (Bleeding Heart)Nov. to April
 FreesiaAug. to June
 GladiolusOct. to June
 Gloxinia (house plant)Jan. to May
 Hollyhock RootsOct. to March
 HyacinthsOct. to Jan.
 Iris, German, Japanese.....Oct. to March
 Iris, SpanishSept. to Feb.
 IxiasSept. to Jan.

JonquilsSept. to Jan.
 Lilies (Japanese variety).....Oct. to March
 St. Joseph LilyAug. to Nov.
 Tiger LilyNov. to March
 Lilies, CallaAug. to March
 Lilies, EasterOct. to March
 Lily of the ValleyDec. to April
 Madeira Vine.....Jan. to June
 MontbretiaOct. to March
 NarcissusSept. to Feb.
 PeoniesOct. to June
 RanunculusOct. to Feb.
 SnowflakesSept. to May
 SparaxisOct. to Feb.
 TritoniaOct. to Feb.
 TuberosesJan. to July
 TulipsSept. to Feb.
 WatsoniaOct. to May



Watsonias Suggest Miniature Clustered Lilies

PEAT FOR BULB CULTURE

We especially recommend Chas. C. Navlet Co.'s Peat to those who are cultivating Bulbs. Light, clean, easy to handle and odorless, it furnishes in an assimilable form all the plant food elements needed by Bulbs. It may be used pure for indoor culture in jardinières or fern dishes, or mixed with soil and rotted manure for outdoor use. It should be thoroughly moistened, the bulbs being planted in it just as in soil. 1 bale will cover approximately 350 sq. ft. 1 in. deep. 5 lbs. 25c, 30c postpaid; Gunnsack full, \$1.00; ¼ bale, \$1.50; 1 bale (approx. 160 lbs.) \$2.50, transportation collect.

PLANTING AND CARE OF BULBS

PLANT EARLY—Outdoor planting should be done early in the fall to secure strong, healthy plants, vigorous foliage, and early Spring blooms.

PREPARATION OF SOIL—Bulbs grow in almost any good garden soil, with a little preparation. During August, give the ground a good coating of well rotted manure, turn soil with a spade to about one foot depth, breaking up lumps and mixing manure well into soil. A dressing of bone meal will also prove valuable.

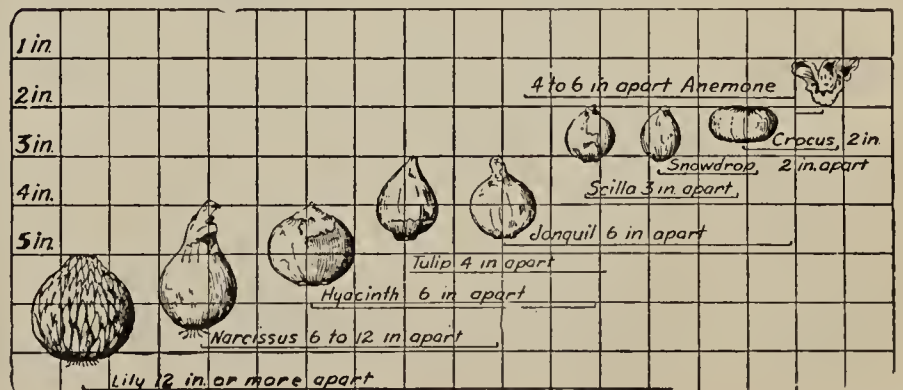
HOW TO PLANT—Set the bulbs so there is earth above them to approximately twice their own depth. Do not overcrowd. See diagram below for planting depths.

FOR SPECIALLY FINE FLOWERS—After the bulbs are well up and the foliage developed, the beds may be watered twice a week with a weak liquid manure. This will insure flowers of extra fine color.

CARE AFTER BLOOMING—If garden space permits, Spring flowering bulbs can be left in the ground after blooming. But if left in beds where other plants are growing, they will not have the proper rest and may rot or fail to bloom the following season. Consequently, if the space is desired for other plants, bulbs should be lifted about three weeks after blooming and transplanted close together in some place where they can remain undisturbed. Water well upon transplanting. Then leave the bulbs untouched until foliage has completely died down. Never cut the foliage when green, as this will weaken the bulb and often prevent bloom. After foliage has died, dig the bulbs and store them in open trays in a cool airy place until their proper planting time.



Montbretias with Their Brilliant Orange Lend a Flash of Fire to the Summer Garden





Navlet's 1933 Seed Bargains

offer thrifty savings to those who choose Vegetable or Flower Seeds from among these carefully selected garden combinations

3 FAVORITE FLOWER SEED COMBINATIONS

COLLECTION No. 1 Annuals

1 packet each of the following:

Asters, Mixed	.....\$ .10
Bachelor Button	......10
Calendula	......10
Calliopsis	......10
Cosmos	......10
Godetia, Double, Mixed	......10
Nasturtiums, Mixed	......10
Pansies	......15
Salpiglossis, Mixed	......10
Stocks, Mixed	......10
Spencer Sweet Peas	......10
Zinnia, Mixed	......15

Regular Price \$1.30

Special Price **\$1.00**
Postpaid.....

COLLECTION No. 2 Perennials

1 packet each of the following:

Canterbury Bells, Mixed	.....\$ .10
Chiffon Daisy	......25
Columbine, Mixed	......15
Coreopsis	......10
Dahlias, Double, Mixed	......15
Daisies, Double, Mixed	......10
Delphinium, Exhibition	......35
Foxglove, Mixed	......10
Hollyhocks, Mixed	......10
Pentstemon, Mixed	......10
Shasta Daisies	......10
Salvia, Farinacea	......10

Regular Price \$1.70

Special Price **\$1.30**
Postpaid.....

COLLECTION No. 3 Annuals and Perennials

1 packet each of the following:

ANNUALS	
Asters	.....\$ .10
Cosmos	......10
Pansies	......15
Salpiglossis	......10
Sweet Peas	......10
Zinnia	......15
PERENNIALS	
Canterbury Bells, Mixed	.....\$ .10
Columbine, Mixed	......15
Foxglove	......10
Coreopsis	......10
Chiffon Daisy	......25
Delphinium, Exhibition	......35

Regular Price \$1.75

Special Price **\$1.35**
Postpaid.....

SPECIAL!

All Vegetable Seed Packets 5^c

Due to favorable market conditions we find, after our Vegetable Seed section is already printed, that we can offer you even bigger and better value in Navlet's Choice Vegetable Seeds. So we are reducing price on ALL VEGETABLE SEED PACKETS to 5c PKT.—the entire listing, pp. 15 to 29. Same quality, same size packet, same superior Seeds—NOW 5c Pkt.

All Seeds listed at 30c, 40c, 45c per ¼ lb., now 15c oz.; all Seeds listed at 50c per ¼ lb. now 20c oz. (New Zealand Spinach, Mustard and Stock Beets excepted).

DISREGARD PRINTED PRICES, pp. 15 to 29 The Entire List, NOW 5c Pkt.

VEGETABLE SEED COMBINATIONS AT SPECIAL PRICES

COLLECTION No. 1

7 Seed Packets, one each of the following:

Beets	Turnips	Regular 35c Special at 30^c Postpaid
Lettuce	Radishes	
Carrots	Pole Beans	
Wax Pod	Bush Beans	

COLLECTION No. 3

Quantities as follows:

¼ lb. Bush Beans	1 oz. Kale	Regular \$1.30 Special Price \$1.10 Postpaid
¼ lb. Pole Beans	1 oz. Lettuce	
1 oz. Beets	1 oz. Radishes	
1 oz. Carrots		

COLLECTION No. 2

14 Seed Packets, one each of the following:

Bush Beans	Kale	Regular 70c Special Price 60^c Postpaid
Pole Beans	Peas	
Beets	Radishes	
Corn	Tomatoes	
Carrots	Spinach	
Lettuce	Cucumbers	
Turnips	Parsley	

COLLECTION No. 4

Navlet's Complete Home Vegetable Garden

¼ lb. Bush Beans	¼ lb. Peas	Regular \$2.10 Special Price \$1.85 Postpaid
¼ lb. Pole Beans	1 oz. Radishes	
1 oz. Beets	1 oz. Turnips	
Pkt. Corn	¼ lb. Spinach	
Pkt. Cucumbers	Pkt. Salsify	
1 oz. Lettuce	Pkt. Muskmelon	
1 oz. Onions	Pkt. Watermelon	
1 oz. Summer Squash	Pkt. Peppers	



Navlet's Choice Vegetables

15 Pages of Our Own Finely Selected Varieties of Vegetable Seeds and Plants, Developed for Home and Market Cultivation

Prices are Postpaid to the 4th Zone on Navlet Vegetable Seeds at the ounce, $\frac{1}{4}$ lb., 1 lb., and 10 lb. prices quoted in this catalogue.

FINEST QUALITY SEEDS

We prize the confidence of our customers too highly to sell any but the highest grade seeds. Therefore, we exercise the greatest care to have all seeds true to name, full of life, and absolutely reliable. We are constantly testing to insure the quality of the seeds we sell. And we give you big, well filled packets—a generous money's worth always at Navlet's.

Non-Warranty. While we exercise great care to have all seeds pure and reliable we cannot control unusual soil conditions, too much or too little water, climatic hazards etc. Therefore we give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, trees or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

SUGGESTIONS FOR ORDERING

Small Orders. If you want only a single packet or two, do not hesitate to order. We welcome small orders as well as large ones.

Large Orders. Dealers, market gardeners, institutions and individuals desiring to buy seeds in large quantities will find it to their advantage to write us for quotations.

Order Early. Don't put off sending for the seeds you want. Order them right away and have them ready when planting time arrives.

ARTICHOKES

Plant from February to May

LARGE GREEN GLOBE—Most popular variety. Highly esteemed for its delicate flavor and large, flowered heads, which are cooked like Asparagus. Pkt. 5c; oz. 90c.

ARTICHOKE ROOTS

LARGE GREEN GLOBE—The most popular variety, delicately flavored. 15c each; 12 for \$1.25, postpaid. Or 12 choice plants for \$1.00, express collect.

ASPARAGUS

Plant from February to May

MARY WASHINGTON—A new variety which has proven to be nearly rust free. The plants form thick, large, heavy shoots, dark green and of fine flavor. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

PALMETTO—Originally from South Carolina, found best adapted for the Pacific Coast. Grown extensively for the markets on the Coast on account of being two weeks earlier than other varieties; sells at higher prices, an average bunch of 12 shoots measuring 12 inches in circumference. Earliness, mammoth size, prolific and regular bearing make it a desirable variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.

ASPARAGUS ROOTS

Ready for immediate delivery. 35c per doz.; \$2.50 per 100, postpaid, or \$2.25 per 100, express collect.

BROCCOLI

Plant in Spring for July-August Crop; in June for Winter Crop

CAULIFLOWER TYPE, Pkt. 5c; oz. 90c; $\frac{1}{4}$ lb. \$3.00.

Early Large White Caps—Large, close, creamy-white heads of excellent flavor. This variety is most generally cultivated.

Early Purple Caps—Fine greenish-purple heads of good flavor. Very hardy.

ITALIAN GREEN SPROUTING TYPE, Pkt. 5c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

A distinctly different type, producing a large, compact bunch of green buds in the center of the plant. After this central bunch is removed, the plant throws out numerous branches, bearing small compact clusters of buds. These are the crop proper, the branches being cut off and tied in bunches like asparagus. Sow in seed bed and transplant like cabbage.

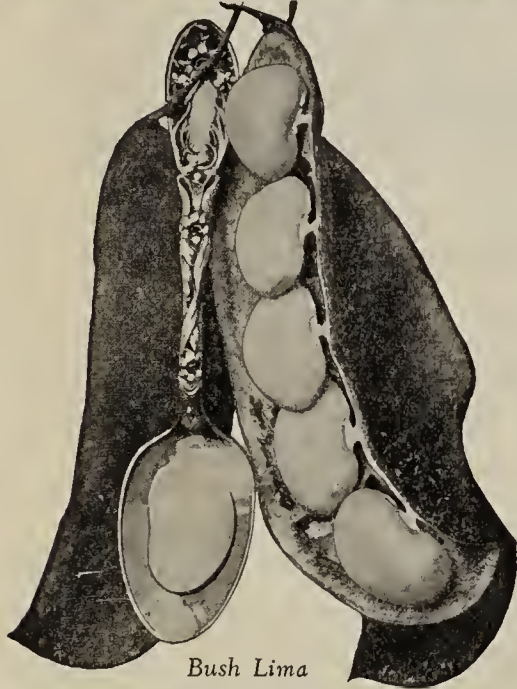
Beans that Snap with Tender Crispness

MARKET GROWERS ARE ASKED TO WRITE FOR SPECIAL QUANTITY PRICES

Plant Beans from March to August



Stringless Green Pod



Bush Lima



Kentucky Wonder

DWARF GREEN PODDED

Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50

BURPEE STRINGLESS GREEN POD—An early maturing, round flesh, podded variety of fine quality. Pods straight, brittle and entirely stringless. Rivals the bush varieties.

DWARF HORTICULTURAL OR CRANBERRY—Absolutely stringless and most desirable for cooking when young. Pods are of medium length and slightly curved. The dry beans are large, oval and nearly covered with splashes of bright red.

EXTRA EARLY REFUGEE, or 1000 to 1—The earliest strain of this popular variety by ten days. The pods are nearly round, pale green in color, 5 inches long, tapering to a slender point. They are quite solidly fleshy, brittle, tender and mild in flavor.

EXTRA EARLY TENDER PODDED RED VALENTINE—America's Standard Dwarf Snap Bean—Fully 10 days earlier than the old popular Valentine Bean. A popular variety; erect vine with dark green leaves. Pods of medium length; fleshy, round and saddle-backed, with only slight strings. Seed pink, marbled with red.

EXTRA LONG YELLOW SIX WEEKS—A very early standard variety, much prized for its productiveness and excellent quality. The green pods are often eight inches long, tender and brittle. Vine vigorous and branching. Beans long kidney-shaped.

FRENCH STRING BEAN—A hardy green-podded variety, with black seed. Is much esteemed by the Italian market gardeners for a very productive string bean and a good shipper.

DWARF WAX PODDED

Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50

DAVIS WHITE WAX—The most hardy and productive wax podded variety. The pods are very long and yellow, and while not stringless, it is a remarkably good bean for shipping; seed white, and on that account is desirable for a sheller bean in Winter.

IMPROVED GERMAN BLACK WAX—An improved stock of the old Black Wax. The pods are beautifully rounded, meaty and deeply saddle-backed. The flesh is brittle, solid, and entirely stringless. Exceedingly early and enormously productive.

IMPROVED GOLDEN WAX—Heavy yielder. Pods thick and stringless. Dark rich golden-yellow color, and of perfect shape. It is of grand quality, showing no string or coarseness. It is of tender, melting flavor at all stages of its growth.

CHOICE POLE BEANS

Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50

BURGER'S POLE—A new Pole variety of great merit. Bears long, brittle, stringless pods of excellent flavor. It rivals all other Pole Beans and is destined to become the most popular.

HORTICULTURAL OR SPECKLED CRANBERRY—A late and very productive sort. It is a very strong grower, bearing a profusion of large, fleshy, dark green pods, which, as they become older, are brightly marked with rich carmine flakes and stripes. It is a "double purpose bean" and will furnish a large supply of delicious Shell Beans to use in the green state during the Summer months or dried for Winter. Pods grow from 6 to 8 inches in length.

KENTUCKY WONDER OR "OLD HOMESTEAD"—A marvel of productiveness from July until frost. King of Pole Beans. The best and most popular Pole Bean in cultivation. It grows luxuriantly and is enormously productive, the pods hanging in great clusters from top to bottom of pole. Color, green; stringless.

KENTUCKY WONDER WAX—An exceedingly productive variety, bearing a large quantity of rich golden-yellow pods which are thick, stringless and very tender.

WHITE CREASEBACK—Of rapid growth and very productive. One of the best early green-podded Beans for snapshoots. The silvery-green pods grow in clusters and are from 3 to 6 inches long, perfectly round, and deeply creased or "saddle-backed." They are solidly round, entirely stringless, and of finest quality. The dry seed is pure white and excellent for Winter use.

SCARLET RUNNER BEAN—Favorite English Climbing Bean. Scarlet blossoms, tender. Also as an ornamental climber. Pkt. 5c; 1 lb. 40c; 10 lbs. \$3.50.

BUSH AND POLE LIMAS

Plant from August to March

BURPEE'S IMPROVED BUSH—This Bean produces magnificent crops of pods, which measure from 5 to 6 inches long, by 1¼ inches wide. The pods and beans are very large, while the beans, either green or dry, are very thick. The dried beans are very handsome, and sometimes show a greenish-white coloring. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

FORDHOOK BUSH LIMA—An improved form of Dreer's Bush Lima, the pods and beans being larger. The plant is of a strong, upright growth, bearing its thick sweet beans in clusters of 2 to 5, well out from the plant, on long spikes. Pkt. 5c; ¼ lb. 15c; 1 lb. 50c; 10 lbs. \$4.50.

HENDERSON'S BUSH LIMA—Extremely early and enormously productive. Ready for the table or market from 2 to 3 weeks ahead of any other Climbing or Bush Beans, and bears continuously throughout the Summer until killed by frost. Immense yielder; handsome, large pods well filled with very large Beans of most luscious flavor. It excels quality, quantity and earliness. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

KING OF THE GARDEN (Pole)—One of the most popular main crop varieties. It is a medium early sort, with well-filled pods, 5 to 6 inches long, filled with 4 to 5 good-sized Beans. The vines are very hardy. Heavy cropper. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

Beets, Crisp and Tender

Plant Beets All Year Round

Beet seed should be planted about two inches deep. The rows for hand cultivation should be 18 inches apart and the plants in the rows, after thinning, about five inches apart. It takes about one ounce of seed for 50 feet. The seed should germinate in about 15 days, depending on conditions.

Best Table Varieties

Pkt. 10c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00

EXTRA EARLY ECLIPSE BLOOD TURNIP—The ideal table Beet—fine grained, rich, red flesh exceedingly tender and delicious. Remarkably early. A grand money maker. Almost round with small leaves and tap root, combining the maximum of edible bulb with the minimum of root and foliage. The color is a very dark blood red and the flesh is delicate, rich and sugary.

DETROIT DARK RED—An excellent variety for either the home or market garden. The medium sized roots are smooth and globe shaped; skin dark red, flesh red slightly zoned with a lighter shade.

IMPROVED BLOOD TURNIP—A selected strain of early Blood Turnip Beet. Flesh is blood red and of excellent quality; remains in good condition for a long time; tops are green.

CROSBY'S EGYPTIAN—An Extremely Handsome and Early Table Beet—Root very dark, rounded on top, but flat beneath, and with very small tap roots, flesh dark red with rings of a lighter hue—hard, crisp and tender.

Best Sugar Beets

Pkt. 10c; ¼ lb. 20c; 1 lb. 60c; 10 lbs. \$5.50

FRENCH WHITE SUGAR—A mammoth variety with crisp, snow-white flesh. Very valuable for stock feeding, and excellent for table use.

KLEIN WANZELBEN SUGAR—This is a wedge-shaped variety and contains a large percentage of saccharine matter; planted more than any other sort for sugar factories; also good for stock feed.

Best Stock Varieties

1 pkt. 10c; ¼ lb. 20c; 1 lb. 60c; 10 lbs. \$5.50

IMPROVED GOLDEN TANKARD—The Best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other.

LONG RED MANGEL WURTZEL—This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best Long Red Mangel. Excellent for stock feeding.

YELLOW GLOBE GIANT MANGEL WURTZEL—Very large and of vigorous growth. The roots have fine necks and very smooth skin. Flesh white, firm, sweet and very nutritious. Grows almost on the surface of the soil, hence is easily harvested and the chunky shape of the roots prevents them from being broken in handling.

BRUSSELS SPROUTS

Plant from January to April and July to October

IMPROVED DWARFS—This variety is of sturdy growth and produces abundantly large, solid sprouts, ready for gathering from June-sown seed the same season. Cook same as cauliflower. Pkt. 10c; oz. 30c; ¼ lb. 90c; 1 lb. \$2.75.

CARDOON

Plant in Spring

LARGE SMOOTH—The best variety, grows about 4 feet tall. The leaves and stems must be blanched like celery to bring out the delicate flavor. Sow in drills 1 inch deep and when one year old transplant into well-manured ground in rows 3 feet apart and 1 foot apart in the row. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

CHARD

Plant the Year Round

Pkt. 10c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00

Much valued as a poultry food. Also greatly superior to the common beet for greens, and better than spinach for summer use.

SEA KALE OR SPINACH BEET—Grows continuously, year after year. For poultry, or table use. Easy to wash and prepare.

WHITE RIB—Chard with large pale green leaves with white rib. Very tender and good.

TWO ORNAMENTAL BEAN NOVELTIES

CELESTIAL BEAN—Sometimes called Yard Long Bean. Of Chinese origin. A good table Bean with a rank growth making it excellent for arbor covering. Pkt. 25c; ¼ lb. 75c.

GUINEA BEAN—As a vegetable, Beans should be picked when about the size of cucumbers, and cooked like Summer squash. If allowed to grow for ornamental purposes, the Bean will grow to 4 or 5 ft. length. Vine grows rapidly, averaging 50 to 75 ft. per season. Pkt. 10c.



The Blood Turnip Beet is the Popular Table Variety



White Rib Chard Offers a Delicious Variety in Table Greens



The Guinea Bean Grows to Enormous Size

PLANT THIS FALL FOR AN EARLY SPRING CROP

No vegetables so crisp and tender as those that mature in the early Spring, and none so appreciated at the family table. November planting will bring you early spring vegetables.

Tender Cabbage and Snowy Cauliflower

More delicate in flavor when they come fresh from your Garden

Fall Planting, July to November; Spring Planting, January to April



Flat Dutch Cabbage Has a Very Compact Head

SECOND EARLY CABBAGES

Pkt. 10c; oz. 30c; 2 ozs. 55c;
¼ lb. 90c

EARLY DRUMHEAD—A leading variety. Sure to head and good to ship. Plant very hardy and compact, with thick, dark green leaves, covered with a dense bloom. Head flat, very solid and of fine quality.

EARLY DWARF FLAT DUTCH—A most valuable second early Cabbage. The plant is short-stemmed, upright and having comparatively few and short leaves, the rows can be set close together. Head large, solid, crisp and tender, maturing with early summer.

GREEN GLOBE SAVOY—or Curled Cabbage—Particularly adapted for private use, where quality rather than quantity is desired. Tender, crisp and finely flavored.



Snowball is a Beautiful Snow-White Cauliflower

CHOICE SNOWY WHITE CAULIFLOWER

CHAS. C. NAVLET CO.'S EARLY DANISH CAULIFLOWER—A very dwarf variety, producing large, solid, snow-white heads. Very tender and fine flavor. One of the earliest. Has proved itself reliable and gardeners can trust it every time. Pkt. 25c; ¼ oz. 75c; oz. \$2.50.

SNOWBALL—The best and most popular variety grown. Heads are pure snowy-white with very close, compact curds of extra fine quality. The plant is of strong growth, with erect, pointed dark green leaves, growing closely about the head. Pkt. 15c; ¼ oz. 75c; oz. \$2.50; 2 ozs. \$4.50.

VEITCHE'S AUTUMN GIANT CAULIFLOWER—Late variety. Large heads, firm and well protected by foliage. Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

Cabbage Plants

Early Flat Dutch, Early Winningstedt, Late Premium Flat Dutch, Late Drumhead—Strong hardy plants in these choicest varieties. 20c doz., postpaid; \$1.00 per 100, postpaid; \$6.00 per 1000, postpaid. Delivery year round.

WONG BOK

(Chinese or Celery Cabbage)

Has mild cabbage flavor, very delicate and delicious. Fine for salads and greens. Culture is the same as for Winter Cabbage. Seed should be sown in July or early August and early in September the plants should be transplanted. Will grow in any good soil. Pkt. 10c; oz. 40c; 2 ozs. 70c; ¼ lb. \$1.25.

Cauliflower Plants

Snowball—Very early snow-white Cauliflower. 20c per doz., postpaid; \$1.00 per 100, postpaid; \$6.00 per 1,000. Ready for delivery year round.

EARLY CABBAGES

Planting Instructions: Use plenty of moisture, but not too much, as this causes rot. One ounce of seed grows 2,000 to 2,500 plants. Plant seed first in boxes, half inch deep; transplant when about 6 inches tall; rows 80 inches apart, with plants 24 inches apart.

COPENHAGEN MARKET—A new early variety producing fine heads weighing 10 to 12 pounds, very solid and of excellent quality. Pkt. 10c; oz. 35c; 2 ozs. 60c; ¼ lb. \$1.00.

EARLY LARGE JERSEY WAKEFIELD—Most gardeners depend upon this variety for the bulk of extra early crop. Head conical, very compact, solid and of excellent quality. The thick, stout leaves and compact habit make it the best sort for wintering over or for very early setting. Pkt. 10c; oz. 30c; 2 ozs. 55c; ¼ lb. 90c.

EARLY WINNINGSTADT—A peerless Cabbage for general use. Very hardy and sure to head. Owing to its compact and upright habit of growth and peculiar texture of short, thick leaf, the variety seems to suffer less from the Cabbage Worm than most other sorts. Heads regular, conical, very hardy. Pkt. 10c; oz. 30c; 2 ozs. 55c; ¼ lb. 90c.

WINTER CABBAGES

Pkt. 10c; oz. 30c; 2 ozs. 55c;
¼ lb. 90c

LARGE LATE DRUMHEAD—Very productive and of the best variety. Produces enormous heads that are as solid as a rock. Can't be beat as a Fall or Winter variety.

PREMIUM FLAT DUTCH—A very productive market variety. Makes a large solid head which keeps long without bursting.

RED CABBAGE

RED DUTCH—A sure bearer. Large, slightly rounded head. Pkt. 10c; oz. 35c; 2 ozs. 60c; ¼ lb. \$1.00.



Savoy Cabbage is a Popular Home-Garden Variety

COLLARDS

Fall Planting, September to November

Spring Planting, February to May

Extensively grown in the South, where it furnishes an abundance of food for the table and for stock. It forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing does not injure, but rather improves the quality. Pkt. 10c; oz. 15c ¼ lb. 35c; 1 lb. \$1.00.

Bright Golden Carrots and Crisp Celery

Navlet's offer the choicest strains, developed for both home and market gardens

CARROTS

Plant All Year Round

Rich deep soil is best for Carrots—soil that has not been recently manured. One ounce sows 50 feet of drill. Sow 2 inches deep, in rows 30 to 40 inches apart. Carrots ready for use about 80 days after planting.

CHANTENAY—The best of the early carrots, about 6 inches long, stump rooted, smooth, fine grained and sweet. A fine variety for bunching, for market, or for home gardens. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

CHAS. C. NAVLET CO.'S ORANGE COLORED CARROT—A tremendous cropper. A wonder for its earliness. This variety is a cross between Long Oranges and Oxheart. It grows about 4 inches across the shoulder, 9 to 11 inches long, and tapers slightly to the bottom and very stump-rooted. The color is of a very bright orange. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

ELY FRENCH FORCING CARROT—Earliest and best variety for forcing. The reddish-orange colored roots are nearly round. When matured they are about two inches in diameter but should be used before they are full grown, when they are tender and delicious. Pkt. 10c; oz. 20c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

EARLY OXHEART OR GUERANDE CARROT—A thick Carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of delicious flavor, and of a deep red color, and is a variety we can recommend to all market gardeners. Pkt. 10c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

HALF LONG TRUE DANVERS CARROT—A handsome cylindrical-shaped Carrot of large size and stump rooted. It is a rich dark orange color, and the flesh is very close in texture with little core. It is a first-class Carrot for all soils, and under good cultivation has yielded from 25 to 30 tons per acre, with the smallest length of root of any now grown. More easily harvested than the larger types. Pkt. 10c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

IMPROVED LONG ORANGE CARROT—Standard Late Sort—Roots 12 to 15 inches long. A good variety for the table and market. Pkt. 10c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

NANTES—A very superior Carrot. It is coreless, brittle, fine-grained and of fine mild sweet flavor. The color is reddish-orange and the skin is smooth. It is 6 inches long, cylindrical and very stump-rooted. Pkt. 10c; oz. 20c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

WHITE BELGIAN CARROT—Grows largely above ground, making it easy to harvest. This Carrot is enormously productive, the roots attaining a surprising size. Pkt. 10c; oz. 15c; ¼ lb. 30c; 1 lb. 90c.



Danvers
Half Long
Carrot

There's Springtime Health
in Fall Planting

At no time of year do our bodies need the life-building vitamins in which fresh Vegetables abound more than in the early Spring. Plant your Vegetable Garden in the Fall—you'll have crisp fresh Vegetables almost before the daffodils bloom!

CELERY PLANTS

GOLDEN SELF-BLANCHING—A very satisfactory variety, golden yellow in color, with thick, crisp stalks, free from stringiness. Ready for delivery the year round. Plants 25c per doz., postpaid; \$1.50 per 100, postpaid.



White Plume Celery

CRISP CELERY

Fall Planting, September to November; Spring Planting, February to May

Celery seed should be planted in a seed bed or box and when about 6 inches tall transplanted in rows 12 to 18 inches apart. The rows should be 18 to 24 inches apart for home garden. For horse cultivation plant rows 3 to 4 feet apart. Seed should not be planted deeper than one-half inch.

WHITE PLUME—Earliest variety. It blanches naturally without banking up. It has no rival for earliness, beauty, flavor and texture. If the stalks are drawn together when the plant is three-fourth grown and the soil is drawn to or pressed around the plant, it will soon be fit for use. Pkt. 10c; oz. 30c; 2 ozs. 50c.

GIANT PASCAL CELERY—This is a green-leaved variety developed from the Golden Yellow Self-Blanching and is an excellent sort for Fall and Winter use. It blanches to a beautiful yellowish-white color, is very solid and crisp and of fine nutty flavor. Pkt. 10c; oz. 30c; 2 ozs. 50c.

GOLDEN PLUME OR WONDERFUL—A yellow Celery, in many respects resembling the Dwarf Golden Self-Blanching. Is about two weeks earlier. Larger bunch and blanches easier and whiter. Full hearted and stocky and of the finest table quality. Especially recommended for home gardens. Pkt. 10c; ½ oz. 45c; oz. 75c; 2 ozs. \$1.25.

GOLDEN SELF-BLANCHING—(Paris Golden)—This grand variety is of French origin. It is not quite as early as White Plume, but is of heavier and more compact growth and possesses the same self-blanching characteristics. The stalks are thick and brittle—the hearts large and solid. Our seed is a very select California grown strain and will give superior results and satisfaction. Pkt. 10c; ½ oz. 35c; oz. 60c; 2 ozs. \$1.00.

LARGE WHITE SOLID—A large, vigorous-growing Celery. The stalks are white round, very crisp, free from stringiness or bitterness, perfectly solid and of superior flavor. Under good cultivation, it grows 3 feet high. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

CELERIAC—(Turnip-Rooted Celery)—Large smooth Pragne. Pkt. 10c; oz. 30c; 2 ozs. 50c.

Corn with Plump Sweet Kernels

and Salad Greens in Refreshing Variety



Golden Bantam

SWEET CORN

Plant March to July

Prices of All Varieties: Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50

Planting Instructions—Seed should be planted where corn is to grow, without transplanting. Plant 1 to 2 inches deep, hills 24 to 30 inches apart, rows 30 to 36 inches apart. 1 lb. of seed is sufficient for 150 hills. See page 89.

ALAMEDA SWEET OR EARLY MAMMOTH—It is remarkably productive, a very strong grower, with large ears, and of excellent flavor. Extensively grown in Alameda County for the San Francisco market.

BANTAM OR GOLDEN EVERGREEN—Large ears, 7½ to 8 in. long, with 14 to 18 rows of deep kernels borne on strong stalks 6 to 7 ft. tall. This variety combines the qualities of Golden Bantam and Stowell's Evergreen in its rich golden cream color and good flavor, and because it remains in table condition for a long while. 95 days.

BLACK MEXICAN—Sweet as honey. The grains when first perfected are pure white, and are then at their best for table use. They soon become dark and almost black, though still retaining their wonderful sweetness.

COUNTRY GENTLEMEN—The finest of all Sweet Corn for the table. The great merit of the Country Gentleman Corn is its delicious sweetness, retaining its delicate tenderness when a little old.

EARLY MINNESOTA—This old and deservedly popular variety is one of the best early sorts for the market and private garden. Stalks about 5 feet high, without suckers, and bearing one or two ears, well covered with husks. Ears long, eight-rowed.

GOLDEN BANTAM—A very early variety. The ears are of medium size but are thickly set with delicious yellow kernels. The quality of this variety is superb, and it has become a general favorite early Sweet Corn with all who have tried it.

GOLDEN SUNSHINE—A comparatively early yellow sweet corn of very good quality. 3 to 4 days earlier than Golden Bantam. The plant is also taller and more vigorous, and the ears, 10 and 12 rowed, are considerably larger. A popular variety for both market and home growers. 80 days.

STOWELL'S EVERGREEN—The standard main crop variety. It is hardy and productive, very tender and sugary, remaining a long time in condition and suitable for boiling. Height about seven and one-half feet.

CHICORY

Plant from February to May

LARGE ROOTS—Fine for salad. The dried roots are used quite extensively as a substitute and an adulterant of coffee. Pkt. 10c; oz. 20c; ¼ lb. 60c.

SMALL ROOTED, OR RADICETTA—Pkt. 10c; oz. 20c; ¼ lb. 60c.

CORN SALAD

Plant March to May, August to October

FETTICUS OR LAMB LETTUCE—Used during the Winter and Spring months as a substitute for Lettuce. Also cooked and used like Spinach. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

DANDELION

Plant from March to August

IMPROVED LARGE LEAVED—The largest leaved and best cutting variety. Pkt. 10c; oz. 75c.

ENDIVE

Plant from March to October

BROAD LEAVED BATAVIAN (Escarolle)—This variety has broad, thick, plain or slightly wrinkled leaves forming a large head, and is desirable for stews and soups. If the outer leaves are gathered and tied at the top, the inner ones will blanch and may be used for salad. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

LARGE GREEN CURLED—A large, strong growing Endive which by tying up can be made to form finely blanched centers of good quality. Other leaves well cut and of a bright deep green. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.



Crisp Curly Endives is a Tempting Salad Green

FIELD CORN

Lb. 20c; 10 lbs. \$1.50

LEAMING—An early tall-growing variety. Kernels are long and deep golden yellow, stalks are leafy and make excellent fodder.

WHITE DENT—Ears are long, with 16 to 18 rows.

GOLDEN BEAUTY—A large, broad-grained and very handsome golden yellow corn. Matures early—hardy—very productive—easy to husk.

TAMALE CORN

The true Tamale Corn. Easy to grow. Lb. 20c; 10 lbs. for \$1.50.

POP CORN

The most popular variety. Short ears, long kernels, rice shape. White in color. ¼ lb. 15c; 1 lb. 30c; 10 lbs. \$2.50.



These are the Full, Even Kernels of Alameda Sweet Corn

WITLOOF

(French Endive)

Plant June to August

Is used as a salad and is most delicious served with French dressing and eaten like lettuce. Seed should be sown in June, July and August in drills 12 to 18 inches apart and the seedlings should be thinned out to stand not closer than 3 inches. Pkt. 10c; oz. 25c; ¼ lb. 75c.

FALL PLANTING MEANS BETTER CROPS

Many Vegetables may be planted in either Fall or Spring. Wherever possible, we recommend Fall planting for finest crops.

Cucumbers for Summer Coolness

and Other Favorite Garden Vegetables

Plant Seed from March to June

One ounce of Cucumber seed is sufficient for 75 hills. The seed should be planted 1 to 2 inches deep and 6 to 8 seeds in each hill, 4 to 6 inches apart. The hills should be 4 to 6 feet apart. In making what is termed a hill, dig down about 2 inches deep in a circle about 12 inches in diameter. Set your seed in this "pan" as mentioned above. After seed has been set, water well, then cover each hill or "pan" with straw or, still better, with manure. Further instructions on page 90.

ARLINGTON WHITE SPINE—The Cucumbers are very regular in outline, uniform in size, averaging 7 to 8 inches in length, straight and of a rich, dark green color—never turn yellow; the light stripes or "white spines" run from blossom end. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

EARLY SHORT GREEN—Early Frame Cucumber—An excellent sort both for table use and pickling. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

GREEN PROLIFIC (Boston Pickling)—A favorite with pickle growers and commercial gardeners. Very productive. Fruit medium size, very smooth, symmetrical and of a beautiful light green. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

IMPROVED LONG GREEN—Vine vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts. Fruit about 12 inches long, firm and crisp. Also excellent for pickles. Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.



Smooth-skinned Clark's Special

JAPANESE CLIMBING—The vine attains nearly twice the length of common varieties. The fruits are 10 to 12 inches in length and of a fine color. The flesh is thick and firm, never bitter, and fine for pickling as well as slicing. Pkt. 10c; oz. 20c; ¼ lb. 50c.

KLONDYKE—A desirable early dark green variety of White Spine Cucumber. Very prolific and a fine shipping sort. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

SMALL GHERKINS—For pickles. A very small, oval, prickly variety, quite distinct from all others, and grown exclusively for pickles. It is the smallest of all varieties and should always be picked when young and tender. Pkt. 10c; oz. 25c; ¼ lb. 75c.

TELEGRAPH—An English cucumber for frames or forcing under glass. The cucumbers are very long, measuring 16 inches or more, contain very few seeds, and of the most excellent quality. Seed quite expensive, therefore only a few seeds to a packet. Pkt. 25c.

CLARK'S SPECIAL CUCUMBER

A special strain developed for critical market garden trade. A good shipper, it will hold its color and firmness when handled over long distances. Attractive deep green color, the darkest on the market today. Of uniform length, running from 8 to 10 inches, smooth in appearance, having very few white spines. On account of its small seed pockets it is of excellent quality for slicing. Pkt. 10c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

LEMON CUCUMBER

The fruit is as large as a lemon, the shape of a lemon, and the color of a lemon. It can be pared and eaten the same as an apple. When sliced and served it is very delicious, the flavor being most refreshing and delightful. The Lemon Cucumber is not injurious to health, as it is free from the acid that all other Cucumbers have. The vines are strong growers and will bear heavily until frost. Per pkt. 10c; oz. 25c; ¼ lb. 75c.

KOHL RABI

Plant from February to June, or September to October

EARLY WHITE VIENNA—Grown for its turnip-shaped bulb, which is formed above ground. The bulb should be used while young and tender. The Early White Vienna is the best variety for table use. Pkt. 10c; oz. 25c; ¼ lb. 75c.

EGG PLANT

Plant from February to April

EARLY LONG PURPLE—Hardy and much earlier than the large New York Purple, succeeding farther north. Fruit is thin skinned and 6 to 10 inches long. Pkt. 10c; oz. 50c; 2 ozs. 85c.

NEW YORK IMPROVED PURPLE—The leading market variety. Plant of strong growth and extremely productive. The fruit is of large size with smooth, glossy, deep purple skin. Pkt. 10c; oz. 50c; 2 ozs. 85c.



Rich Purple Egg Plant

KALE

Plant January to April; July to October

One ounce of Kale (Borecole) seed will give you 1,500 to 2,000 plants. Start seed in boxes, when about four inches tall transplant in rows three feet apart, with plants two feet apart.

DWARF GREEN CURLED SCOTCH—Curly, bright green leaves—tender and of delicate flavor. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

GIANT MARROW—Thick fleshy leaf stalks. Yield large supply of green food. Excellent for chickens. Pkt. 10c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

TALL GREEN CURLED SCOTCH—Finely cut leaves, 2½ feet high. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

TALL JERSEY KALE—A native of Europe, producing tremendous mass of beautifully curled leaves. Eagerly sought by chickens, sheep, horses, cattle. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

EGG PLANT PLANTS

NEW YORK IMPROVED PURPLE—Choice variety, easy to grow. Ready for delivery March to May. 30c per doz... postpaid; \$2.00 per 100, postpaid.

GARLIC SETS

Plant September to December

Garlic gives a flavor all its own to salads and meats. Finest Garlic Sets, 25c lb.; 10 lbs. \$2.00, postpaid.

KALE PLANTS

TALL JERSEY—Green feed for poultry. Ready for delivery the year round. 25c per doz., \$1.00 per 100, postpaid.



WHITE VIENNA KOHL-RABI

Lettuce, Fresh with Morning Dew

Gather it Crisp and Curly in the Cool of the Day

We suggest two plantings of lettuce—one in the Fall for early Spring salad, another in Spring for Summer freshness



Postage
Free to
4th Zone
on all
Vegetable
Seeds
Ordered
in Oz.
¼ lb., 1 lb.
and up to
10 lb. Lots

The Los Angeles
is a Firmly
Headed Lettuce,
Especially
Resistant
to Summer
Heat

PLANTING INSTRUCTIONS

Plant Lettuce the Year Round

Lettuce seed should be covered very lightly to obtain germination. As soon as the plants are well started transplant them to rows 18 to 24 inches apart, with plants 6 to 12 inches apart in the row. In California and in most localities lettuce seed may be planted any month in the year. For best results, plant Chas. C. Navlet Co.'s Choicest Strains.

SIX FAMOUS VARIETIES

HANSON'S IMPROVED—Grows to large size and is uniformly sure heading. Head very solid and beautifully blanched—crisp, mild, tender. One of the finest varieties to grow for market, during the Summer months. Our stock is unexcelled, being of the improved hard-heading strain. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

ICEBERG—Large solid heads, light green, slightly tinged with brown, very tender and crisp. Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

LOS ANGELES—Large—Crisp—Tight-Headed—Unsurpassed for home and market growing. The heart is solid and of light green color and very long-standing; perfect heads may be cut from the same bed for many weeks. It is an extremely hardy variety, rooting deeply, resisting hot weather and thriving when many sorts could hardly exist. For exhibition purposes and for an outdoor all-season Lettuce the Chas. C. Navlet Co.'s special strain of Los Angeles Lettuce is in a class of its own. Buy from us and you will get the very choicest strains of this choicest of all Lettuce. Pkt. 10c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

NEW YORK NO. 12—An early variety which does well in mid-summer and is an even, well-bred selection. It is a trifle lighter in color than other strains of New York, but is popular with shippers. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

WHITE LOS ANGELES—A favorite Summer Lettuce. Produces large, solid heads of superior quality—closely resembling the original Los Angeles variety—with the exception of the leaves, which are a great deal lighter in color. Pkt. 10c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

WHITE PARIS COS (Romaine)—Full-headed, much esteemed by epicures for its crispness, tenderness and flavor, which is different from that of any other Lettuce. The heads are long and conical. The leaves require to be tied up, when they soon form solid heads that quickly bleach to snowy whiteness. Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

The Big Boston is a Solid Tight-Head Lettuce of Excellent Flavor



TIGHT-HEAD LETTUCE

BIG BOSTON—Plant is large, very hardy and vigorous. Color, bright light green tinged with brown. Always finds a ready market. Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

CALIFORNIA CREAM BUTTER (Cabbage Lettuce)—A very popular variety for Autumn and Winter use. Forms a very large head, which is very buttery and of a rich golden yellow inside. The leaves are thick and of bright green, slightly tinged with brown. Grown extensively by San Francisco market gardeners. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

EARLY CURLED SIMPSON—A curled, light green, non-heading variety. Can be grown quite thickly in the row and produces an abundance of crisp, sweet flavored lettuce leaves. For Winter and Spring sowing. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

LOOSE-HEAD LETTUCE

CHICKEN LETTUCE—This variety does not make a head but seeds up to a stout stalk. 3 to 4 feet high, just loaded with leaves which can be pulled off each stem like Jersey Kale, or the plants may be cut down, as new shoots will spring up, and make quick growth. Economical to grow as the yield is extremely heavy. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

PRIZEHEAD—A quick growing variety; does not form a head but has a fine flavor. Leaves are browning red and very early. Easily grown. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

LEEK

Plant February to April

Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50

LARGE AMERICAN FLAG—The favorite variety with market gardeners.

LARGE FLAG (or London)—The sort usually cultivated. Hardy and vigorous.

PLANT IN THE FALL

Wherever two planting seasons are designated, we recommend Fall planting for stronger root growth and earlier crop.

Firm-fleshed Melons, Juicy-Sweet

Sweeter, juicer, more tantalizing when they mellow on the vine to their full sun-ripened flavor

Plant Melons from March to June

For general planting directions, see Planter's Guide, page 90. The directions for making hills are the same as for Cucumbers, (page 21).

CANTALOUPEs or MUSKMELONS

THE MILLIONAIRE, NAVLET'S WONDERFUL INTRODUCTION—Wherever it has been grown it has created a veritable sensation on account of its immense size, delicious flavor, and extraordinary productiveness. Some weigh as high as 9 pounds, and a single Melon is always large enough for an entire family. The flesh is so unusually thick that it leaves only a small hole in the center. It is of a tempting cream color, has a matchless creamy texture, and is as sweet as honey. Fairly melts in your mouth. Pkt. 25c; oz. \$1.00; ¼ lb. \$3.50; 1 lb. \$10.00.

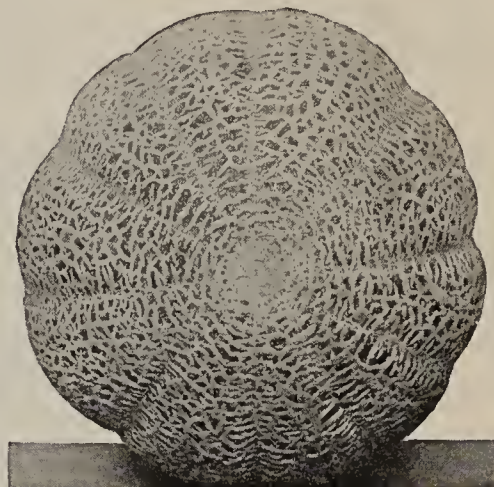
HACKENSACK, or Turk's Cap—One of the most extensively grown Muskmelons. A reliable and beautiful yielder. Extra early. Fruit very large, the diameter being much more than the length. Ribs large, of irregular width and densely covered with coarse netting. Flesh green, thick, coarse, but very sweet and fine flavored. Our stock is true to the "Turk's Cap" type, and after careful comparison with that of other growers we unhesitatingly pronounce it the best in the country. Per pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

HEARTS OF GOLD—A Melon that is becoming very popular. The Melons measure about 5½ inches long and 6 inches in diameter. The salmon flesh is of the finest quality. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

THE HOODOO—Unlike its unpropitious name, this Muskmelon is one of the best. It is early and prolific. The fruit is of medium size; the seed cavity is very small, the rind very thin, indeed, and the edible fleshy part very thick and meaty. It is of orange or salmon color, the type much preferred now. Large pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

PERSIAN MUSKMELON—This Melon is large and heavy for its size. From 8 to 10 inches in diameter. Melon very netted, globular in shape, flesh is firm, color bright orange. Flavor different from other Melons, comes out delightfully when Melons are well ripened. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; 1 lb. \$4.00.

ROCKY FORD, or Netted Gem Muskmelon—A sweet, luscious Melon that has become world-famous for its captivating flavor. The vine is exceedingly healthy and produces an enormous number of Melons during the entire season. Fruit averages 5 to 6 inches in length. The skin is a rich, greenish gold in color and the flesh is of exquisite texture and melting almost to the rind. The seed cavity is very small. Per pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.



Navlet's Millionaire is One of the Choicest Cantaloupes Grown

CASABAS

The Wonderful Winter Muskmelon

GOLDEN BEAUTY—The flesh is thick, of fine texture, and spicy and palatable to within ¼ inches of the skin. The flavor—a combination of pineapple and the finest wild Muskmelon—is delicious beyond description. The fruits are oblong and about 12 inches long—the skin is smooth and finely mottled with dark green and yellow—the seed cavity is small. Seed should not be sown until all danger of frost is over. Pkt. 10c; oz. 20c; ¼ lb. 70c; 1 lb. \$2.00.

HONEY DEW MELON—This Melon has won the highest praise from all. Melon is medium size, weighing 5 to 6 pounds; about 6 inches in diameter and slightly oblong. Skin smooth; color while growing white, when ripe creamy yellow. Flesh thick, light emerald green in color. Melons slip from vines when ripe. Can be stored in cool place and will keep until Christmas. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

SWEET JUICY WATERMELONS



The Kleckley Sweet is a Favorite with All Lovers of Watermelon

KLECKLEY SWEETS—The sweetest of all Watermelons. The fruit is large, oblong in form, with a dark green skin and very thin rind. The flesh, of beautiful bright scarlet, has a broad solid heart, and is crisp, sugary, melting in the highest degree, and entirely free from any stringiness. The average 18 to 20 inches in length by 10 to 12 inches in diameter. Very handsome in appearance and of uniformly superior quality. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

KLONDIKE—One of the most popular shipping varieties in California. Oblong Melon, an even dark green. Flesh brittle, bright red and very solid, with few seeds and these only about half the size of ordinary watermelon seeds. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.

TOM WATSON—Originated near Augusta, Ga., a few years ago. Very prolific, 6 carloads on 10 acres often made. Long shape; dark, deep green, no stripes. Oftentimes 50 to 60 lbs. two Melons to vine; no ends; no necks to rot; better shipper than Rattlesnake; tougher ring; flesh deep red; seeds white; smeared with yellow. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

ANGELINO—A wonderfully popular variety. Deep red flesh, choice flavor, dark green skin. Extremely early. By watching for the yellow to show through the green you can always make certain of ripeness. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

CHILIAN—A remarkably fine Melon. Very brittle, thin-skinned variety of highest quality, especially valuable for the home garden. Slightly oblong. The skin is a deep green, mottled and striped with a still deeper green. The flesh is bright red and the flavor remarkably fine and sweet. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

CITRON—Red Seeded—A small globular variety, striped and marbled with light green. Flesh white and solid. Used exclusively for pickles and preserves. Pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

CUBAN QUEEN—One of the finest varieties. The fruit is large and oblong in form. Skin beautifully striped in dark and light green. Rind quite thin but tough enough for shipping. Flesh right red, remarkably solid, peculiarly luscious, crisp and sugary. A good keeper. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

FLORIDA FAVORITE—A very large variety with large, oblong fruit and dark green skin, mottled with a deeper shade. Thin rind; flesh deep red, of fine quality and excellent flavor. The Melon is well suited for table or market. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

FORDHOOK EARLY—The earliest large-fruited Watermelon in cultivation. Average weight about 35 pounds; rather short and blocky in form. Dark green skin with occasional faint stripes of lighter green. Flesh bright red, crisp, sweet, and of surpassing quality. Rind quite thin but tough, making a first-class shipping variety. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

GEORGIA RATTLESNAKE—Or Gypsy Oblong—An oblong Watermelon of good size and excellent quality. Rind thin, light green with beautiful stripes. Flesh bright scarlet, solid, tender and very sweet. Per pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

GOLDEN HONEY—A delicious Melon with yellow flesh, solid and sweet right up to the rind. Fruit oblong and medium sized. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

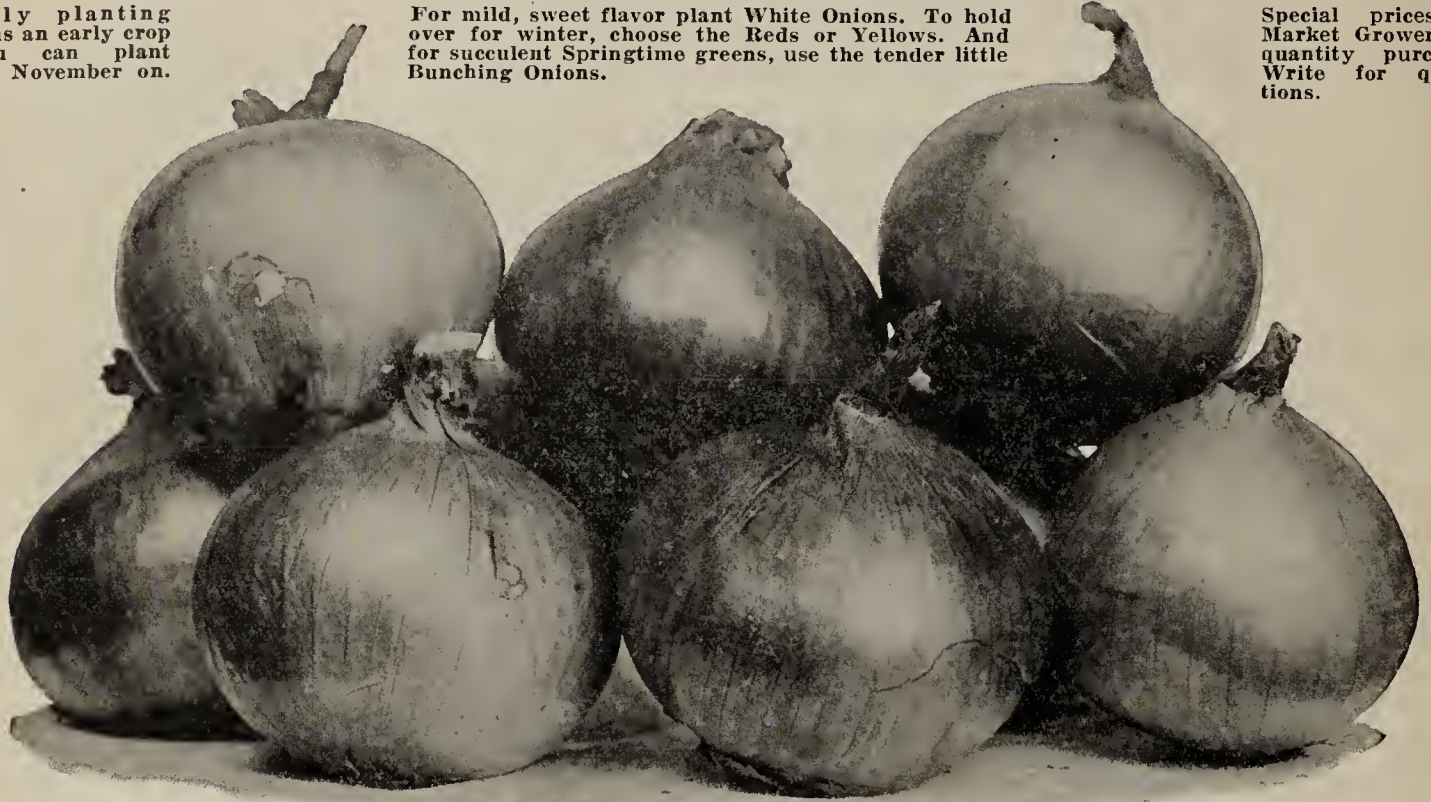
Onions, White, Red and Yellow

Sweet and mild for Summer Salads—firm and long-keeping for Winter flavor

Early planting means an early crop—you can plant from November on.

For mild, sweet flavor plant White Onions. To hold over for winter, choose the Reds or Yellows. And for succulent Springtime greens, use the tender little Bunching Onions.

Special prices to Market Growers on quantity purchase. Write for quotations.



Plant Onion Seed and Onion Sets from November to May

To Develop Large Onions, Thin Out to Two or Three Inches Apart When Shoots Are About Three Inches Long

WHITE BARLETTA—Finest of all for small pickles. The bulbs are pure white and generally very small, averaging about 1 inch in diameter. Extremely early and of very mild, sweet flavor. Pkt. 10c; oz. 30c; ¼ lb. 90c; 1 lb. \$3.00.

WHITE BERMUDA—A very early variety, used largely in the South, and is an early market Onion when the seed is sown in the Fall and the Onions are harvested in the Spring. It is mild and of a particularly fine flavor. Per pkt. 10c; oz. 50c; ¼ lb. \$1.75; 1 lb. \$5.00.

WHITE GLOBE—A very handsome silvery-white bell-shaped Onion of large size. Flesh firm, fine grained, of mild flavor, and an excellent keeper. Its even, regular size and globular form, combined with the clear silvery whiteness of the skin, make it one of the handsomest Onions grown. Per pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

WHITE PORTUGAL—Or Silver Skin. A splendid white Onion for general culture. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.

PRIZE TAKER—The Prize Taker attains the enormous size of the famous Spanish Onion, and its mildness and tenderness are unequalled even by the Bermuda varieties. It attains its colossal size under exactly the same conditions as are necessary to the cultivation of other Onions. Per pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

AUSTRALIAN BROWN—An Onion of Wonderful Keeping Quality. After a thorough test this Onion has proven to be not only the very earliest to ripen, but also the longest keeping variety now cultivated. The bulbs are of medium size with small, hard necks, and a clear, amber brown in color. Per pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

BUNCHING ONIONS—The very best for early small green Onions. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.

Postage free to 4th zone on all Vegetable Seeds ordered in oz., ¼ lb., 1 lb., and up to 10 lb. lots.

NAVLET'S "KING OF THE YELLOWS"

Unsurpassed for home and market growing—One of the handsomest, finest flavored, most prolific, best keeping, all-round home and market Onions ever introduced! Superior to Yellow Globe and Yellow Danvers. Leader of the yellow skins. Flesh is white and fine grained. Uniform in size and shape. Ripens up hard and solid and is a wonderful variety for shipping. A tremendous money maker for the market grower, being an extremely heavy producer and an unrivaled seller. Per pkt. 10c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.75; 1 lb. \$3.00.

EXTRA EARLY FLAT RED—The first to ripen, and one of the handsomest of the red sorts. It yields abundantly, keeps well, is of mild flavor, and the bulbs are very uniform in shape and size. Excellent for boiling, slicing, or pulling young for use in salads. Per pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

RED BOTTLE SHAPED or Long Italian Red—It is light red and is long and narrow. Early and mild in flavor. Very fine for slicing. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

LARGE RED WETHERSFIELD—A leading variety from ocean to ocean. Produces colossal crops of enormous Onions. A sure cropper, a long keeper and a splendid shipper. Though well flattened, the Onions are thick through. The outer skin is a deep rich purplish red, smooth and glossy. The flesh is white, lightly tinged with purple-rose, and is as mild in flavor as many varieties with skin of lighter coloring. Per pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

YELLOW FLAT DANVERS—Many growers prefer this to the Globe Danvers as ordinarily it is a very heavy cropper. It is a fine Onion, one you are sure to be pleased with. A heavy yielder, a splendid keeper of beautiful appearance, and sells rapidly in all markets. Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

YELLOW GLOBE DANVERS—An immensely popular Onion that combines extreme reliability and early ripening with large yield. The shape is round, a little depressed at top and bottom. The color is a rich brownish-yellow, making a most attractive bulb. It is medium in size, but remarkably solid and heavy, producing as much weight per acre as any other variety grown. Per pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

SOUTHPORT YELLOW GLOBE—A popular orange-yellow. Globe shape. Per pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

EARLY SWEET SPANISH—A very large, mild yellow, globe-shaped Onion. One of the best for home garden; also an early market. Spanish type. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.25.

ONION SETS

Plant November to May

The easiest and quickest way to grow Onions is to plant Chas. C. Navlet Co.'s Onion Sets. These are miniature Onions grown from seed. Plant them and you'll have Onions six weeks earlier than if you'd waited for seed to grow. May be used as little green Onions in salads, or allowed to ripen into large Onions. White, 30c lb., postpaid. Yellow, 25c lb.; 5 lbs. \$1.00, postpaid.

Spicy Herbs and Seasoning Plants

A good cook in the kitchen—a little plot of Seasoning in the Garden—and you have a combination that makes for happy husbands!

A "KITCHEN BOUQUET"

is yours for the gathering with these fresh Seasoning Plants in the garden.

Nothing like being able to run out into the garden for a bit of fresh mint, a spicy sprig of sage, fresh young chives for chopping. These kitchen plants take almost no room in the garden, almost no attention, but they are invaluable to the cook who looks to her seasonings!

CHIVES

Fine for seasoning soups, salads and stews. One square foot of ground is enough for the average family, and 15c worth will last many months. Ready for delivery the year round. 15c per clump, postpaid; \$1.25 per doz., postpaid.

HORSERADISH SETS

Will grow any place. Much better when grated fresh as wanted, and a bit of fresh horseradish goes a long way. Ready for delivery December to May. 30c per doz., postpaid; \$2.00 per 100, postpaid.

MINT ROOTS

One of the most valuable seasonings and one of the most difficult to secure in the market. Ready the year round. 10c each, postpaid; \$1.00 per doz., postpaid.

PARSLEY PLANTS

MOSS CURLED—A compact, finely curled variety, excellent for garnish or flowering. 10c per clump; 50c per doz., postpaid.

SAGE PLANTS

Nothing like fresh sage for real seasoning. Plants ready in March. 20c each; \$1.50 per doz., postpaid.

TARRAGON

Sometimes called Estragon. A fine flavoring plant. Ready in March. 25c per plant; \$2.50 per doz., postpaid.

THYME

An old fashioned seasoning plant, excellent for soups, dressing, etc. Ready in March. 6 for 40c; 75c per doz., \$5.50 per 100, postpaid.

OKRA OR GUMBO

Plant from March to June



Per pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00

The young seed pods of this Southern plant are used for the well-known and delicious "Gumbo" soups, alone or with chicken.

TALL, or PERKINS MAMMOTH—The long pods, measuring 4 and 5 inches, are produced in great quantities. The appearance is handsome, of green color and the best quality.

WHITE VELVET—Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-boled.

CULTIVATE THE HABIT OF FALL PLANTING

Many people seem to have the idea that Spring is the only planting season. On the contrary, Fall planting has much in its favor. Shrubs, Roses, Hardy Perennials all develop stronger root systems if planted in the Fall. And Vegetables planted in the autumn months are ripe and on the table before Spring planting begins. Enjoy a double crop this year—plant both Fall and Spring!

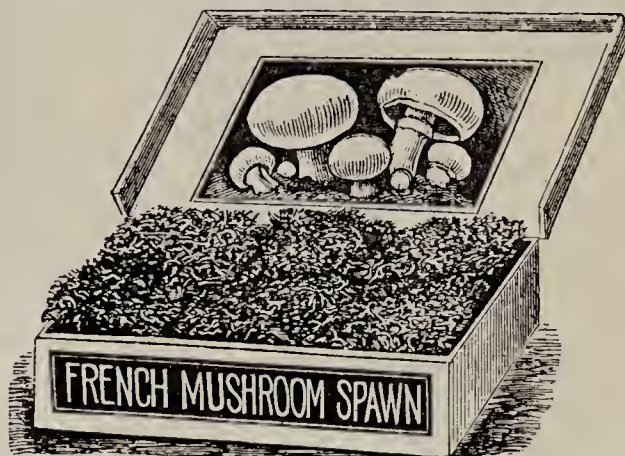
MUSTARD

Plant from February to May

SOUTHERN GIANT CURLED—This is the true curled leaf variety. Is grown largely to furnish an early spring salad. May also be boiled and eaten like spinach. Oz. 10c; ¼ lb. 25c; 1 lb. 75c.

FRENCH MUSHROOM SPAWN

Valuable Pamphlet on Mushroom Culture
Sent Free on Request



Mushrooms may be grown by anyone having a supply of fresh horse manure and shed or cellar—and make a most profitable crop. This new spawn is produced by a new method direct from virgin spores secured from the finest type of healthy large white French mushrooms. Propagating in a sterilized medium insures freedom from inferior types as well as the bacterial enemies so often prevalent in ordinary spawn. Our Mushroom Spawn is sold in bricks of about 1½ pounds and will plant from 8 to 10 square feet of bed. Price 40c per brick; 45c postpaid; 5 bricks, \$1.75, by express.

PARSLEY

Plant All Year Round

Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25

CHOICE MOSS CURLED—A compact-growing, finely-curved and densely-cut variety, of a deep green color. Owing to its fine color and handsome foliage, it is one of the most popular sorts.

FINE TRIPLE CURLED—Distinct in appearance from any other variety. The leaves are beautifully crimped and curled.

PLAIN, OR SINGLE—A very hardy variety. Leaves are flat and not curled.

TURNIP ROOTED, OR HAMBURG—A plain leaved variety, forming a large, thick, edible root.

FAVORITE PARSNIPS

Fall Planting, July to Nov.; Spring Planting, Jan. to June

Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00

HOLLOW CROWN—(Very Popular Sort)—Root white, very tender, with a smooth, clean skin. The variety is easily distinguished by the leaves growing from a depression on the top or crown of the root.

LONG DUTCH SUGAR—(Great Keeper)—Root very long white smooth, tender and of most delicious flavor. Very hardy and will keep through the Winter without protection.



Long Dutch Sugar

Tender Peas and Pungent Peppers

Plant Peas All Year Around

Sow in the Fall for early Peas and plant up to July for successive crops. A light, moderately rich soil is best. One pound will sow 200 feet of drill, with Peas three to six inches apart. Make rows 30 to 36 inches apart.

EARLY PEAS

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

ALASKA, or Earliest of All—A very early, tall variety, vines 2 to 2½ feet, with smooth small Peas, green seeded, of good quality, and short, well-filled pods. Very popular with canners and market gardeners. Will not rot in the ground if planted in very cold, wet soil.

AMERICAN WONDER—Earliest Wrinkled Pea—This variety is unexcelled in flavor and quality. The vine grows 10 to 12 inches high, and is very prolific in pods of striking form and size. It is of the finest flavor. In maturing it is the first of the wrinkled sorts.

DWARF TELEPHONE, or Daisy—Height about 2 feet and vines are exceptionally strong growing and produce freely large, well filled pods. Does extremely well in California.

GRADUS (also called "Prosperity Pea")—This popular large-podded wrinkled Pea of finest quality matures pods only two or three days later than the small-podded round-seeded extra earliest. A very early large podded sort growing 3 to 3½ feet high. Peas are large, of fine quality and light green in color.

LAXTON'S PROGRESS—The largest podded of any extra early dwarf variety. Pods pointed, dark green, well filled and very prolific. A new variety that is rapidly coming to the front for market and shipping.

LANTONIAN—This is an ideal market and home garden Pea, medium dwarf in habit of growth but with very large pods, averaging 5 to 6 inches in length. Laxtonian seldom has any blank spaces in the pods.

PREMIUM GEM, or Little Gem—Very popular dwarf wrinkled variety, with the market gardener. Pods good size and filled with 6 to 8 light sweet flavored Peas. Grows about 15 inches high.

LATER PEAS

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50

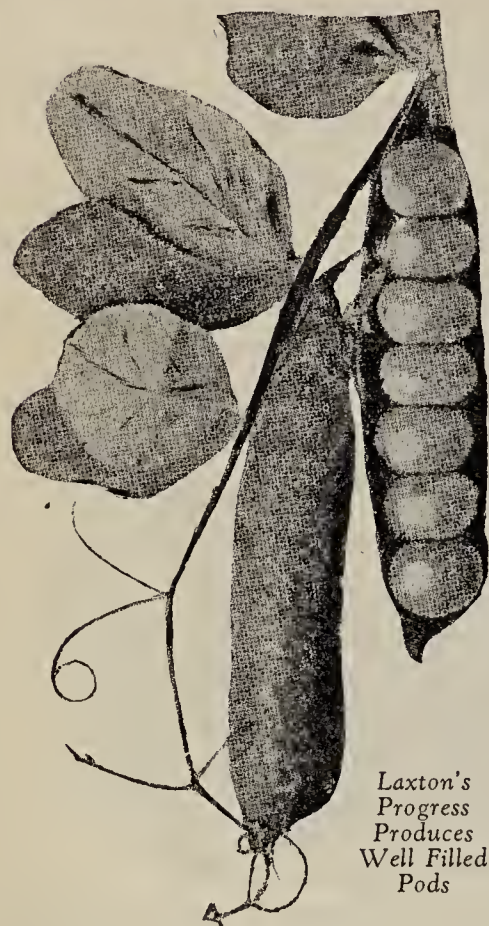
TALL ALDERMAN—The dark green vigorous vines grow to a height of 4½ to 5 ft. and are very productive. Pods are the largest of commercially grown varieties, often 5 to 5½ inches long, broad with tapered end, rich dark green large, wrinkled and pear-shaped.

EDIBLE PODDED PEA—Sweet, delicious, tender—A class of Pea, little known in this country, but very popular abroad. They are used in the same way as Snap or String Beans, and can be made ready for the table in 10 or 15 minutes. The pods are very large, sweet, brittle and extremely tender.

STRATEGEM—Seeds green, wrinkled, middle crop, one of the best Peas ever sent out; grows a vigorous and showy vine of branching habit, heavily laden with immense pods containing 10 to 12 Peas of large size.

TELEPHONE PEA—One of the leading Peas with market gardeners, whose trade appreciates fine appearance and high quality. Vine vigorous and produces an abundance of very large pods filled with immense Peas which are tender, sweet and of excellent flavor. It is one of the best sorts for either home or market.

YORKSHIRE HERO, or Alameda Sweet Pea—(All the Year)—A most popular and extremely productive early and late variety, growing 2½ feet in height. Pods are broad and medium-sized and are well filled with large Peas, which remain in good condition for a long time.



Laxton's
Progress
Produces
Well Filled
Pods

PEPPER PLANTS

CHINESE GIANT, Sweet Spanish, Chili and Bell Peppers—Strong, well rooted plants, ready for delivery in March. Plants 30c doz., postpaid; 100 for \$2.00, postpaid.

CRISP PEPPERS FOR STUFFING AND SALADS

Plant from February to May

ANAHEIM CHILI—The stalks grow from 2 to 3 feet high and support the Peppers well off the ground. Every plant bears 30 to 40 large Peppers from 6 to 10 inches long. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

CALIFORNIA WONDER—Thickness of flesh alone, often ¾ in., places this sweet pepper above all others. Crisp and juicy, without a trace of pungency. Vigorous plants bear a heavy yield of blocky fruits, growing to as much as 5 in. long and 4 in. wide. Unusually good for serving whole. Pkt. 10c; oz. \$1.00; 2 oz. \$1.50; ¼ lb. \$2.50.

CHERRY—A very pungent Pepper, round as a cherry, about 1 inch in diameter, marketed when green. Used largely in pickling and by the foreign trade. There is a profit to the person who will specialize on this and other small pungent Peppers. Pkt. 10c; oz. 45c.

CHILI—A large variety, used in the manufacture of pepper-sauce. Bright, rich, red pods about 2 inches long, one-third to one-half inch in diameter at the base, tapering to a sharp point and exceedingly pungent when ripe. Plants should be started quite early in hot-beds. Pkt. 10c; oz. 45c; ¼ lb. \$1.50.

CHINESE GIANT—Produces stocky, well-branched plants about 2 ft. high, carrying so many Peppers that in some places they seem bunched together. Thick, tender sweet flesh, excellent for salads or stuffing. Ripens to a brilliant glossy scarlet. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

LARGE BELL, or Bull Nose—Plant vigorous, compact, very productive, ripening its crop uniformly and early. Fruit large, cylindrical, with thick, mild flesh. Excellent for salads and pickles. Bright red when ripe. Pkt. 10c; oz. 45c; ¼ lb. \$1.25.

LONG RED CAYENNE—Slim pointed pod about 4 inches long and when ripe of a bright red color. Extremely strong and pungent flesh. Pkt. 10c; oz. 45c; ¼ lb. \$1.50.

PIMIENTO—This is a sweet Pepper, good for salads, either fresh or canned. Used largely by canners and market gardeners. Very thick flesh. Pkt. 10c; oz. 45c; ¼ lb. \$1.25.

SWEET MOUNTAIN—Very smooth and large, often 8 in. long by 2 in. across. Bright deep green color, maturing to rich red. Flesh thick, sweet and mild. Excellent for stuffing and salads. Pkt. 10c; oz. 45c; ¼ lb. \$1.25.



Bell Peppers Are the
Cook's Favorite



Spinach, Turnips and other Favorites

that deserve a place in every Vegetable plot

SALSIFY

Plant July to May

A Healthful Winter Vegetable—One of the most delicious of vegetables, and also one of the most nutritious. The flavor is sweet and highly esteemed whether served boiled with butter or other suitable sauce, or sliced and fried, or used in soup. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

SWEET POTATO PLANTS

Good sweet Potatoes are hard to buy, yet everyone with a little patch of ground can grow all that are needed for ordinary family use. 25c per doz., postpaid; \$1.50 per 100, postpaid. Ready for delivery in April.

RUTABAGAS

Plant All Year Round

Pkt. 10c; Oz. 15c; ¼ lb. 25c; 1 lb. 75c

SWEDE PURPLE TOP—A very large, hardy and productive variety. Flesh yellow, of solid texture, sweet and well flavored. Color deep purple above, bright yellow under the ground. Fine for table use and the best yellow-fleshed sort for stock feeding.

SWEET RUSSIAN (or White Rutabaga)—An immense and heavy yielding sort. Flesh white, solid, brittle, sweet and rich. An excellent keeper. A most desirable variety, for the table or for stock.



Rutabaga

SUMMER AND WINTER SPINACH

Plant from August to June

BLOOMSDALE SAVOY LEAVED—The earliest variety, and one of the best to plant in Autumn for early Spring use. Plant of upright growth with pointed leaves which are crimped like those of Savoy Cabbage. Oz. 10c; ¼ lb. 20c; 1 lb. 60c.

LATE PRICKLY WINTER—An exceedingly hardy variety, and will withstand severe weather with only a slight protection of leaves or straw. The seed is prickly and the leaves are oblong or arrow-shaped. Adapted for Fall sowing. Oz. 10c; ¼ lb. 20c; 1 lb. 60c.

LONG STANDING—Leaves large, thick, fleshy and crumpled. Slow to run to seed. Pkt. 10c; ¼ lb. 20c; 1 lb. 60c.

NEW ZEALAND—A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary Spinach in appearance, but it is used in the same way. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

ROUND SUMMER THICK LEAVED—This variety is generally preferred for early Spring sowing and is the most popular with our market gardeners. The leaves are large, thick and fleshy. It stands exposure very well and possesses the valuable quality of standing a long time before running to seed. Oz. 10c; ¼ lb. 20c; 1 lb. 60c.



Purple Top Turnips

RADISHES

Plant all year round.

Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25

Choice of following well-known varieties:

- Early Half-Long Brightest Scarlet
- Early Long Scarlet
- Early Olive Shaped or Half-Long Scarlet Olive
- Early White Turnip Rooted
- French Breakfast
- Icicle—choice
- Long Black Spanish
- Mammoth White China or California
- Round Black Spanish
- Scarlet Turnip White Tip



CHOICE RHUBARB

Plant February and March

GIANT CRIMSON—This splendid Rhubarb thrives luxuriantly all the year round, and is better during the Winter months than in the Summer. The stems often weight over a pound—and 30 pounds of full-grown stems have been picked at one time from a single plant. An extraordinary producer. Pkt. 10c; oz. \$2.00.

LINNAEUS RHUBARB—A remarkable early Rhubarb. Tender and fine flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

RHUBARB ROOTS

A few roots will serve you well for Rhubarb Sauce and juicy Pies.

GIANT CRIMSON WINTER—(See above)—Small roots 20c each; 12 for \$2.00. Large Roots 35c each, postpaid; 12 for \$2.50. Ready October to May.

STRAWBERRY—Large stalks, very tender and fine. Light pink in color. Of the best quality. Large Roots 20c each, \$2.00 per doz., delivered free.



The Leaves of Summer Spinach Are Smooth and Thick

CHOICE VARIETY OF TURNIPS

Plant April to June

EARLY WHITE FLAT DUTCH—Strap leaved. A most excellent table variety. Very early sweet, tender, and of tempting appearance. Root medium size, flat in shape and of a clear ivory-white in color. Pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

EXTRA EARLY PURPLE TOP MILAN—The earliest of the whole Turnip family. The smooth, flat, symmetrical roots are a beautiful purple-red above ground and a clear white underneath. The flesh is white, crisp and tender. All in all, the Purple Top Milan leaves nothing more to be desired in the way of an extra early table Turnip. Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

LARGE YELLOW, or AMBER GLOBE—One of the best Turnips for general crop. It is a good cropper and keeps well until late in the Spring. The roots are of medium size, smooth skinned and of pale yellow color. Excellent Turnip for table use, equally good for feeding stock. Pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

PURPLE TOP—Strap leaved. An early Turnip that ranks in favor as a table variety. It is flat in shape, but thicker than Purple Top Milan; of medium size. Color, dark purple above ground and white below. Flesh white, fine-grained and tender. Pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

PURPLE TOP FLAT DUTCH—Strap leaf. An early flat variety. White, with purple top. Probably the most popular and generally used garden variety. Large pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

PURPLE TOP WHITE GLOBE—A globular-shaped Turnip of beautiful appearance and excellent quality. Equally desirable for table or stock. It is a good keeper and fine market sort. Pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

WHITE EGG—Very early variety. A small oval-shape with pure white flesh. A handsome turnip. Large pkt. 10c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

"When the Frost is on the Pumpkin"

There's a golden holiday harvest in these sturdy Squash and Pumpkins, coming into prime when early frosts have left your garden bare.

One ounce of early Squash seed will make 50 hills. Plant 1 to 2 inches deep in hills, (see directions under Cucumbers, page 21), with hills and rows 3 to 4 feet apart. Rows of late Squash should be 6 to 7 feet apart. An ounce of Winter Squash seed makes 15 hills.

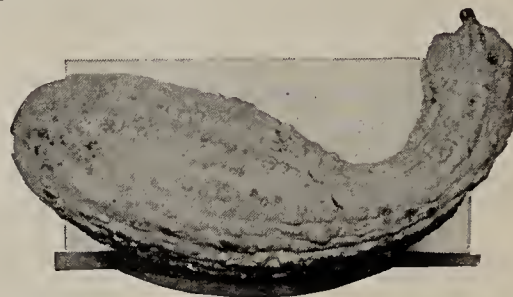
Plant from March to August



WINTER SQUASH

Left—The Hubbard Squash is the favorite winter variety.

Right—The Crookneck cooks to a juicy golden tenderness.



SUMMER SQUASH

BANANA—This Squash grows from one to two feet in length. Flesh firm and solid, of beautiful orange-yellow and excellent quality. It keeps from one season until another. When quite young it is excellent to cook as a marrow. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

BOSTON MARROW—A large fruited Squash for Fall and Winter use. Fruit is of oval form. The skin is thin and when ripe is a bright orange with a netting of light cream color. The flesh is fine-grained and of excellent flavor, but not as dry as the Hubbard. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

HUBBARD—A superior Winter Squash. Flesh bright orange-yellow, fine grained, very dry, sweet and richly flavored. Keeps well throughout the Winter. Boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the Sweet Potato. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

PERFECT GEM, or Cream—A long keeping Winter Squash of small rounded form, 4 to 6 inches in diameter, skin cream colored and distinctly ribbed; fine for baking. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

Navlet's Famous BUG-PROOF SQUASH

The grandest Squash on earth! We guarantee this Squash to be bug-proof. It grows rapidly, producing colossal crops. **KEEPS IN PERFECT CONDITION A WHOLE YEAR.** Squash are oblong with rough, hard shells, with flesh inside a rich yellow, very thick, fine grained, sweet. Of unequalled flavor, roasted, boiled, steamed, baked or in pies. Unexcelled, too, for feeding to stock. Plant March to August. Pkt. 10c; oz. 25c; ¼ lb. 85c; ½ lb. \$1.35; 1 lb. \$2.50.

EARLY WHITE BUSH SCALLOP—The early White Patty Pan or "Cymling" of the South—One of the earliest varieties of Squash and grown almost exclusively for first crop. Of dwarf habit and upright growth. The fruit is a handsome creamy white with faint green tinge, tender and delicately flavored, and from the hard texture of the rind is well suited for shipping. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

IMPROVED GREEN TINT WHITE BUSH SCALLOP—Similar to the well-known White Bush Scallop, but selected for the darker green fruit, which holds its color longer and makes it very desirable for market purposes. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

GOLDEN SUMMER CROOKNECK—Early and prolific—One of the most popular Squashes for the table and market. The fruit is of the Crookneck type, heavily warted and light golden-yellow in color. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25.

ITALIAN SQUASH (Cocozelle)—Earliest of All—Although usually eaten when quite small, still it is good for the table when nearly full grown; has a distinct flavor and is very popular. Dark green color at first, changing to a lighter green later. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

SQUASH FOR STOCK FEED

MAMMOTH—This is the "Jumbo" of the Squash family and attracts great attention wherever grown or placed on exhibition. The Squashes grow from 2½ to 3 feet in length; under good cultivation often attain more than 100 pounds in weight. Pkt. 10c; oz. 20c; 1 lb. \$1.50.

TASTY GOLDEN PUMPKINS

Plant from March to August

"KING OF THE MAMMOTHS" PUMPKIN—(Potiron)—This is the very best genuine strain of the true Mammoth Pumpkin offered under so many various names by different seedsmen. Fruits grow to enormous size, reaching two feet or more in diameter and from 100 to 200 pounds or over in weight. Salmon-orange skin. Very thick, bright yellow flesh, fine-grained tender and of excellent quality for pies. To raise the largest pumpkins, vines should be allowed ample room in which to grow. Pkt. 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.



The Smooth Golden Pumpkin is the King of the Holidays!

CONNECTICUT FIELD, or Pie Pumpkin—Large yellow. The hardiest of all Pumpkins. Produces enormous crops. **CULTIVATED FOR FEEDING STOCK.** Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. \$1.00.

CUSHAW, or Crookneck—This excellent Pumpkin ought to be planted more largely. There is more Pumpkin for its size because of the small seed cavity. It is excellent for pies, and yields enormously. Pkt. 10c; ¼ lb. 45c; 1 lb. \$1.25.

We pay the postage up to the 4th zone on all Vegetable Seeds ordered in lots of 1 oz. ¼ lb., 1 lb. and up to 10 lbs.

We offer several special Vegetable Seed Collections suitable for the average Home Garden, at special group prices. See Page 14 for details.

Luscious Red Tomatoes

With the tang of the sun in their heavy, meaty fullness

Tomatoes are one of the most important Vegetables. Rich in vitamins and important mineral salts, they are as valuable to health as many of the more expensive fruits. They are easily canned, and possess the rare quality of retaining their health-giving vitamins even after cooking. Enjoy them abundantly, fresh or canned. They are the Economy Road to Health!

Plant from February to May

If early plants are desired, sow seed early in the season in hotbeds or boxes, and transplant to the garden as soon as danger of frost is over. One ounce of seed will give 4,000 plants. Tomatoes ripen 150 days after seed is sown.

TWO CHOICE VARIETIES FEATURED BY NAVLET'S

NAVLET'S "EARLIEST OF ALL"

Ripening the earliest of all Tomatoes, Navlet's Earliest of All, is a choice all-around variety. The fruits are invariably of immense size, with firm solid flesh, with smooth flawless skin. The color is a deep attractive red. The flavor is delicious, excellent for Salads or for cooking. Plants are very productive, bearing heavily right through to the frosts. As a canning Tomato the Earliest of All has few equals, and its firm solid flesh makes it an excellent shipper. We grow the seed on our own farms, propagating from only the largest and finest of the fruits. Pkt. 20c; oz. 75c; ¼ lb. \$2.50; 1 lb. \$7.50.

NAVLET'S "SAN JOSE CANNER"

Navlet's San Jose Canner is a Tomato especially developed for the commercial canner. Situated as we are in the heart of the canning industry, we know the needs of canner and grower alike. Our San Jose Canner is a solid, finely flavored Tomato, well colored, with fruits of uniformly large size, highly satisfactory to the canner. A prolific producer, its tremendous crops mean a handsome profit to the grower. It is especially recommended to commercial growers. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

To be sure of getting these two genuine Chas. C. Navlet specialties order direct from us.



We prepay postage up to the 4th zone on all Vegetable Seeds ordered in ounce, ¼ lb., 1 lb., or 10 lb. quantities.

Navlet's San Jose Canner Gives a Fine, Heavy Fruit of Uniform Size

EIGHT OTHER EXCELLENT VARIETIES

BONNY BEST—A very early Tomato, being 10 days earlier than Chalk's Early Jewel. The fruit is round, light scarlet in color. Very productive and of fine quality. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00

EARLIANA—This Tomato is not only extremely early, but of a particularly fine quality, rare in such an early variety. The flesh is remarkably solid, with few seeds. Like other early varieties, the bulk of the fruit grows close to the center of the plant, with an exposure to the sun that produces early ripening. Pkt. 10c; oz. 45c; ¼ lb. \$1.25.

GOLDEN QUEEN—Finest of the large Yellow Tomatoes. The superior flavor of these yellow varieties is bringing them into favor as a table fruit. The Golden Queen has a large fruit, as smooth and well shaped as the best of the red varieties, with a delicious flavor. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

PONDEROSA—A massive, heavy Tomato with solid flesh, meaty as beef-steak. Free from watery cavities, almost seedless, ripening to a glowing crimson clear to the heart. Excellent for slicing or canning. Very prolific, fruit ripening 10 weeks after sowing and continuing until frost. Unaffected by drought, blight or rot. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

RED PEAR SHAPED—A very popular preserving Tomato. As the name implies, the fruit is shaped like a pear, small at the stem and enlarged at the top. It is small, about 2 or 3 inches long. It is bright scarlet in color, with a fine flavor, and makes delicious preserves or salads. Pkt. 10c; ¼ oz. 20c; oz. 60c.

STONE—A very large Tomato, amazingly heavy, with round apple-shaped fruit of a deep red color. It ripens evenly to the stem, does not crack, and is not subject to rot. The vine is vigorous and very productive. We offer especially fine stock, uniform in size, larger and better colored than is usually found. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

TROPHY—The Trophy was the first of the modern improved Tomatoes. Originally it was of superior color, size, and solidity, but lacked smoothness and regularity. By careful breeding and selection an improved strain has been developed, and the Trophy now combines all its original good qualities with smoothness, regularity and symmetry of fruit. Fruit very large, very solid, fine flavored, with a deep, rich red color. Vine is vigorous and productive. Pkt. 10c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

YELLOW PEAR SHAPED—A small fruited golden yellow variety, shaped like a pear, excellent for preserving. Pkt. 10c; ¼ oz. 20c; oz. 60c.

TOMATO PLANTS

All the favorite varieties—Earliest of All, Ponderosa, Stone, San Jose Canner, Trophy and Earliana. 25c doz., postpaid: \$1.25 per 100, postpaid. Ready in March.

GROUND CHERRY OR HUSK

Grows like a Tomato; fruits like a Tomato, but the small fruit is enveloped within a husk. It is good for preserves. Pkt. 10c; ¼ oz. 20c; oz. 60c.

Lawn Seeds Weave a Velvet Carpet

For Instructions on Planting and Care of Lawns, See Planters' Guide, pp. 85-93



Residence of Mr. and Mrs. R. V. Bressani, San Jose, Landscape by Chas. C. Navlet Co.

BENT, RHODE ISLAND (*Agrostis Tenuis*)—Makes a fine close-knit lawn of splendid color. Can well be blended into mixed lawns as it stands wear well and is often used on golf courses. Has not the creeping habit of Seaside and Golf-A-Lawn Bents. Like the other Bent Grasses, thrives best in medium type soil, slightly acid, and is injured by applications of lime. 1 lb., \$1.25; 10 lbs. \$11.50, postpaid.

BENT, SEASIDE (*Agrostis Stolonifera Maritima*)—Often referred to as Cross County Bent, Cocos Bent. A true creeping Bent, stoloniferous in habit. Our seed is hand-harvested with great care and runs over 95% in purity. Once established it improves with age. This Bent is used where an unmixed Bent Lawn is desired. The best suited to light soils. 1 lb. \$1.25; 10 lbs. \$11.50, postpaid.

BENT, GOLF-A-LAWN (*Agrostis Stolonifera Astoriana*)—This strain has a wider range of adaptability and will succeed best on heavier acid type soils. The seed is certified and of 98% purity, especially selected for Putting Greens, Athletic Field Mixtures, and for lawns subject to rough usage. 1 lb. \$1.15; 10 lbs., \$10.50, postpaid.

BLUE GRASS, KENTUCKY (*Poa Pratensis*)—Produces a firm, deep, velvety, elastic turf of beautiful Emerald Green, thriving in open sunny situations away from Summer fogs. It roots deeply, forming a permanent lawn on heavy soils. As it is rather slow in establishing itself, a mixture with Clover or with fine bladed grasses that are faster growing is usually recommended. 1 lb. 40c; 10 lbs. \$3.50. Special Grade, 1 lb. 45c; 10 lbs. \$4.00, postpaid.

CHEWING FESCUE (*Festuca rubra var. fallax*)—A small, hardy, low-growing grass producing very fine dark green leaves which rarely exceed 6 inches in height and in growing has a dense turf-forming habit. A special point in its favor is its durability on the poorer types of gravelly and sandy soils. It is a permanent grass and its turf improves with age. 1 lb. 45c; 10 lbs., \$4.00, postpaid.

RED TOP (*Agrostis Alba*)—Gives a quick growth and succeeds in all soils, doing best on moist soils. Used in blends with other grasses. 1 lb. 35c; 10 lbs. \$3.00, postpaid.

ROUGH STALKED MEADOW (*Poa Trivialis*)—A very fine lawn grass, especially valuable as an ingredient in shady lawn mixtures, as it excels other grasses in the shade. It is a spreading species with narrow, flat, dark green leaves. It is very much like Kentucky Blue Grass, to which it is related, but starts quicker and spreads faster. 1 lb. 45c; 10 lbs. \$4.00, postpaid.

RYE, AUSTRALIAN (*Lolium Perenne*)—An extremely hardy sort requiring less fertile soil and withstanding hardships. Comes up very quickly when cut. Is used mostly where quick results are desired. 1 lb. 30c; 10 lbs. \$2.25, postpaid.

RYE, PACEY'S PACIFIC RYE (*Lolium Perenne*)—Valuable in lawns as a nurse grass and where quick results are desired. Leaves narrow, flat and smooth, the under side being glossy. Is also known in the Bay District as Pacific Rye. It is a short seeded type, more desirable than Australian Red. 1 lb. 30c; 10 lbs. \$2.50, postpaid.

WHITE CLOVER (*Trifolium Repens*)—Of dwarf habit, making an excellent turf that stands constant tramping. Used considerably in mixtures as a nurse crop as it germinates rapidly. 1 lb. 60c; 10 lbs., \$5.50.

LIPPIA—This creeping lawn plant solves the problem of maintaining a beautiful lawn through the dry California Summer. Requires little or no water. Resembles Clover in appearance. Comes in slabs, enough to plant 100 square feet, (plants one foot apart). \$1.25 per slab, shipped at purchaser's expense.

LAWN MIXTURES

There are many advantages in well blended lawn mixtures. Since each grass lives, to a great extent, on different constituents, the season that would completely check the growth of one variety will act as an encouragement to some other, so that the complete failure of a mixture is practically impossible.

A-1 SPECIAL MIXTURE—A combination of grasses mostly of imported stock, all fine leaved, long lived, of fine texture and rich green color. There is a portion of Bent Grass in this mixture, but no Rye or similar short-lived coarse grasses. For those who wish a permanent fine lawn we offer this as the best blend it is possible to obtain. 1 lb. \$1.35; 10 lbs., \$12.50, postpaid.

GOLDEN GATE MIXTURE—A popular mixture of hardy grasses with a little Clover, which grows quickly and stands considerable abuse. Thrives in light soils. 1 lb., 40c; 10 lbs., \$3.50, postpaid.

NAVLET'S EMERALD GREEN MIXTURE—A carefully blended mixture of the permanent fine leaved deep green grasses without Clover or Rye; will remain green the year round. Will stand both a sunny and partially shaded situation. 1 lb., 75c; 10 lbs., \$7.00, postpaid.

PANAMA-PACIFIC LAWN GRASS—Our own carefully blended mixture with Clover of varieties which produce a thick velvety turf, permanent and hardy in most soils. This mixture is one of our best sellers and has proven extremely satisfactory. 1 lb., 60c; 10 lbs., \$5.75, postpaid.

SAN JOSE HIGH SCHOOL LAWN MIXTURE (Chas. C. Navlet Co.'s)—Contains a variety of grasses which keep the lawn green all the year round. Strong tough grass that will always present a velvety appearance. 1 lb. 75c; 10 lbs. \$6.50, postpaid.

SHADY LAWN GRASS—This is a special blend of shade-loving grasses for lawns facing the North without much sunshine and for shady spots under trees and places where there is little direct sunlight. It will quickly produce an abundant and even growth of deep beautiful green grass. 1 lb., 75c; 10 lbs., \$7.00, postpaid.

LAWN MIXTURE—There are many advantages in well blended mixtures. The principal reason for such blends is the fact that each grass lives, to a great extent, on different constituents. The season that would completely check the growth of one variety of grass will act as an encouragement to some other variety, so that the complete failure of a mixture is practically impossible.

Navlet's Famous Farm Seeds

Write for Prices on Larger Quantities.

ALFALFA

As a fertilizing, land-enriching crop it is unequalled. One seeding stands for years. Stands drought and dampness. If possible, sow with oats, 20 pounds to the acre. Don't feed green alfalfa to hungry stock as it has bloating effect when they over-eat. 35c lb.; 45c lb., by mail; 10 lbs. \$3.00, express collect.

HAIKY PERUVIAN—A wonderful alfalfa. Starts to grow while the weather is yet cool and makes at least one additional cutting a season. This gives a much larger tonnage—sometimes 20 per cent more. The leaves and stems are covered with fine downy hairs. Lb. 35c; 45c lb., by mail; 10 lbs. \$3.00, express collect.

BERMUDA GRASS

Valuable for warm climates, as it withstands hot, dry Summers. It germinates slowly. Lb., 50c; 60c, postpaid; 10 lbs., \$4.50, express collect.

CLOVER

BURR CLOVER—The native forage plant of California. Easily cultivated. Grows all Winter and well into the Summer. We offer only "Hulled Seed," which is much easier to grow than in the burr. Lb., 20c; 30c, postpaid; 10 lbs., \$1.50, express collect.

LADINO CLOVER—Mammoth white Clover, a rapid grower, furnishing abundance of tender green feed, desirable for young poultry. Plant 8 lbs. to acre. Lb., 80c; 90c, postpaid; 5 lbs., \$3.75, express collect.

SAPLING CLOVER—Grows much larger and lasts longer than the common Red Clover. Fifteen pounds required for an acre. Lb., 45c; 55c, postpaid; 10 lbs., \$4.00, express collect.

COW PEAS

BLACK EYE—Used largely for green manure. It is also valuable if allowed to mature the seed, when the dry vine can be plowed under and the seed used to grind as feed for stock. If for green manure sow broadcast, using 80 pounds per acre. If for seed for fodder, sow in rows 3 feet apart, using 40 pounds per acre. Lb., 15c; 25c, postpaid; 10 lbs., \$1.00, express collect.

HORSE BEANS

BROAD WINDSOR—Used extensively for stock feed and for cover crops. Lb., 25c, postpaid; 10 lbs., \$1.00, express collect.

SMALL WINDSOR—Preferred by many for green manuring. Because of smallness of seed requires fewer pounds per acre. Lb., 15c; 25c, postpaid; 10 lbs., \$1.25, express collect.

KAFFIR CORN

Especially desirable for planting where the Summers are hot and dry. The stalks and blades cure into good fodder and are also desirable to furnish green forage during the Summer months. Lb., 20c; 10 lbs., \$1.50, express collect.

VETCHES OR TARES

Exceedingly nutritious—much more so than Clover—and may be fed with safety to all kinds of stock. Perfectly hardy and remains green all Winter. It should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in Spring with Oats or Barley. Lb. 20c; 30c by mail; 10 lbs., \$1.50, express collect.

TREE SEEDS

All may be had also in 10c packet, unless packet price is given differently

Acacia—Per ounce 50c.
California Fan—Per ounce 15c.
California Privet—Per ounce 50c, lb. \$5.
Date Palm—100 seeds 50c.
Edulis—Per 10 seeds 15c; 100 seeds \$1.25.
Eucalyptus (Red Gum)—Per ounce \$1.00.
Eucalyptus (Blue Gum)—20c per pkt.; \$1.00 oz., \$10.00 per lb.
Madrone—Per packet 25c.
Manzanita—Pkt. 25c.
Monterey Cypress—Per ounce 50c; \$5.00 lb.
Monterey Pine—Per ounce 50c.
Pepper—Per ounce 20c.
Phoenix Canariensis—Per 10 seeds 15c; 100 seeds 50c.
Sequoia Gigantea—Per packet 25c.
Sequoia Sempervirens—Pkt. 25c; \$2.50 oz.
Washington Robusta—A robust Fan Palm. Per ounce 25c; lb. \$2.50.
Wild Cherry—Per ounce 20c; lb. \$2.00.



Prices Quoted are Subject to Change.

MILLET

HOG—The seed is large for a Millet and makes a rich food. Good for hogs or chickens. The seed ripens while the stem is yet green, so that if cut promptly you can get a crop of seed and also one of fodder or ensilage. Lb., 15c.

RAPE

DWARF ESSEX—A plant of inestimable value to poultry farmers and sheep raisers. Lb., 20c; 30c, postpaid; 10 lbs. \$1.50, express collect.

SESBANIA

Thrives in alkali soils, where other leguminous crops will not grow. Contains abundance of nitrogen-bearing nodules on its heavy taproot. Give plenty of water up to time of maturity and it will produce heavy woody growth in short time. Stalks often 12-14 feet tall and 1 to 3 inches diameter at base. Lb., 20c; 30c postpaid; 10 lbs., \$1.75, express collect.

SUDAN GRASS

Annual forage plant used both for hay and silo. Cut with a mower just after full bloom. Two cuttings are assured, and in some places four. Yields from two to eight tons per acre, depending upon whether irrigated or not. Plant in Spring after frost is past. If drilled in rows 18 inches apart, four to six pounds per acre is required; if in rows 36 inches apart, two to four pounds per acre, and if sown broadcast, 15 pounds per acre. Lb., 20c; 30c postpaid; 10 lbs., \$1.75, express collect.

SUGAR CANE

EARLY AMBER—All kinds of livestock relish it. A heavy crop- per and very nutritious. If cut when two feet high it will give several cuttings during the season. Sow 10 pounds of seed per acre in drills and 25 pounds broadcast. Lb., 15c; 25c postpaid; 10 lbs., \$1.00 express collect.

SUNFLOWER

MAMMOTH RUSSIAN—An excellent and cheap food for fowls. Three pounds of seed will plant an acre. Yields from 50 to 70 bushels per acre. Sow as soon as ground is warm. Lb., 20c; 30c postpaid; 10 lbs., \$1.50 express collect.

TIMOTHY

PHLEUM PRATENSE—Grows in any location, but does best in most deep soils. Exceedingly productive. Relished by all kinds of stock; 15 pounds required for an acre. Lb., 20c; 30c postpaid; 10 lbs., \$1.80 express collect.

MELILOTUS

MELILOTUS ALBA (Sweet Clover)—Biennial legume with deep tap-root penetrating hardpan, which no other plant will. Used also as spring cover crop. Lb. 25c; 35c by mail; 10 lbs., \$2.00, express collect.

MELILOTUS INDICA (Bitter Clover)—Starts very early and makes a good growth during the Winter, being three feet tall when ready to plow under. Use 20 to 25 pounds per acre. Flowers yellow. Lb., 15c; 25c postpaid; 10 lbs., \$2.25 express collect.

AROMATIC AND MEDICINAL HERB SEEDS

ANISE—Used as a cordial and for garnishing and flavoring. Seeds have an agreeable aromatic taste. Pkt. 10c, oz. 30c.
BASIL—Sweet. The leaves are used for flavoring soups, stews and highly-seasoned dishes. Pkt. 10c, oz. 40c.
BORAGE—The leaves are used for flavoring and the flowers furnish bee pasture. Pkt. 10c, oz. 50c.
CARAWAY—Grown for the seeds, which are used extensively for flavoring of bread, pastry, etc. Pkt. 10c, oz. 25c.
CATNIP or Catmint—The leaves are used for seasoning. It also makes an excellent bee pasture. Pkt. 10c.
CHERVIL—Used in soups and salads. Pkt. 10c, oz. 15c.
CORLANDER—The seeds are used in the manufacture of liquors and confectionery. Pkt. 10c, oz. 25c.
ROSEMARY—The aromatic leaves are used for seasoning. Pkt. 10c, oz. \$1.00.

DILL—The seeds have an aromatic odor and warm, pungent taste. They are used as a condiment and also for pickling cucumbers. Pkt. 10c, oz. 20c.
FENNEL—Sweet. The boiled leaves are used in sauces. Pkt. 10c, oz. 30c.
MARJORAM—Sweet. The leaves and the ends of the shoots are esteemed for seasoning in Summer and are also dried for Winter use. Pkt. 10c, oz. 50c.
RUE—For medicinal purposes. Good for the croup. Pkt. 10c.
SAGE—The most extensively used of all herbs as a seasoning for dressing. Pkt. 10c, oz. 50c.
SUMMER SAVORY—A hardy annual. The dried stems, leaves and flowers are extensively used for flavoring—particularly in dressings and soups. Pkt. 10c, oz. 75c.
CHIVES—Leaves have a mild onion flavor and are used in soups and salads; perennial. Pkt. 15c, oz. \$1.00.



The Year's Newest Flower Creations

Superb new varieties, rare creations and importations, to add interest to your garden

ANCHUSA, ANNUAL "Blue Bird"

This improved Anchusa in which the straggly habit of growth has been entirely eliminated grows about 18 inches high, is of compact habit and bears its flowers in a luxuriant bouquet at the top of the plant. The vivid indigo blue flowers make a brilliant effect in any scheme for the decoration of beds and borders. Pkt. 15c.

AGERATUM "Blue Cap"

Undoubtedly the best dwarf Ageratum yet offered. Flowers larger than "Little Blue Star" and of a deeper and richer color. Surpasses "Blue Ball" in dwarfness and compactness of habit and the regular form of its inflorescence. Foliage small, and plants have appearance of miniature domes. The beau ideal for edgings or flower borders. Pkt. 25c.

ANEMONE St. Brigid

See regular listing, page 34.

ASTER "Indian Summer"

A new Aster of distinctly Crego type, the blooms measuring 4½ to 5 inches across. Its color is identical with the favorite Continental color, Cinnabar. Flowers are very double, with attractively curled and twisted petals. Pkt. 25c.

ASTERS—Wilt Resistant Strains

We offer the following varieties of Fusarium wilt-resistant strains of Asters which we believe will be practically immune to this disease that has caused so much disappointment to home gardeners in some districts. As no method has as yet been found to control this disease, these highly-resistant strains offer the only method of combating it. This branching strain produces branching plants of robust habit from 2½ to 3 feet high. Flowers large, double and fine form. Azure Blue or Dark Lavender, Crimson, Purple, Deep Rose; Pkts. 25c each. Collections of four colors 75c. Choice Mixed 25c.

CALCEOLARIA "Albert Kent Hybrids"

Hardy hybrids of indoor and outdoor culture that produce ten to twelve varied colorings, in immense trusses of bloom from May throughout Summer. Flowers are graceful and beautiful, about half way between the Rugosa, or small hardy outdoor variety, and the Grandiflora or large greenhouse variety. Pkt. 75c.

CALENDULA RADIO, "Golden Beam"

A golden counterpart of the popular "Radio," in every respect. Same fine habit of growth, same interesting formation of petals and bloom, but an entirely new shade that harmonizes with almost any color when used for garden beds and borders or for house decoration as a cut flower. Pkt. 25c.

COLUMBINE, LONG SPURRED HYBRID "Crimson Star"

The popular long-spurred Columbines have hitherto been offered practically only in mixture and beautiful as they are individually they fall somewhat to make an effect in mass. This novelty bears flowers of a brilliant dark crimson which, being borne profusely in the plant, form a most attractive subject in the garden. Originator's seed (Imported), pkt. 35c.

CARNATION "Enfant de Nice"

See regular listing, page 36.

ESCHSCHOLTZIA, Double "Salmon Beauty"

See regular listing, page 39.

FELICIA BERGERIANA

Kingfisher Daisy. Brilliant blue daisy-like flowers of a very uncommon shade, the color intensified by the golden-yellow discs. Turf-like foliage with flowers ¾ inch across. Plant grows about 6 inches high, making a very unusual garden subject. This half-hardy annual is very easily raised from seed. Pkt. 25c.

GERANIUM "Diablo"

The sensational new Geranium. Has every desirable feature to recommend it—a brilliant pure Indian Red color, small foliage, compact habit with flowers on long stems standing well above the foliage. Unsurpassed for brilliant massing effect in the garden, as a pot plant, or in window boxes. "Diablo" is a geranium of the first rank, the result of five years of patient selection to obtain this gorgeous color. Plants 25c each, postpaid.

IPOMEA, DOUBLE "Rose Marie"

An early, free flowering double form of Moonflower. Flowers are a beautiful shade of deep rose of double and semi-double form. Ideal for covering walls, trellises, arbors or stumps of trees. Pkt. 20c.

MARIGOLD, CARNATION-FLOWERED "Guinea Gold"

Although we first offered this glorious flower to our customers several years ago, we still believe it one of the most outstanding of the newer garden introductions. Its brilliant orange, carnation-like blooms of a brilliant shade of orange flushed with gold, its graceful pyramidal habit, 2½ feet high, and the lack of the characteristic marigold odor, make it a garden gem of the first rank. Pkt. 25c.

NASTURTIUM, Double, Sweet-Scented "Golden Glean"

Our showing of these gorgeous golden yellow Nasturtiums at the Oakland Third Annual Spring Garden Show vied with the Orchid Exhibit in popularity. Unsurpassed as a bedding plant or even as a pot plant in the window box or conservatory. The long stems lend themselves admirably to cut flower use, and the sweet scented flowers impart a delightful fragrance to the room in which they are used. Pkt. 20c.

PANSIES, NEW ROGGI GIANT (Swiss)

A re-selected strain direct from the originator. Rare combinations of deep, rich colors, of splendid substance. Many new shades of reddish maroon, bronze, blue, purple and yellow. The round blooms will average 3 in. in diameter. **Mont Blanc**, a huge white with violet shading; **Golden Prince**, immense pure golden yellow with black eye; **Berna**, deep, rich violet blue; **Monte Rosa**, gorgeous blood red scarlet. Pkt. 75c; 1,000 seeds, \$1.75.

SAINTPAULIA IONANTHA "African Violet"

Charming and most useful plant for growing in protected spots or for pot culture, easily grown from seed. Flowers when six month old and continues in bloom over a long period. Violet-like flowers of rich deep lavender with contrasting golden anthers. The begonia-like foliage itself is exceedingly beautiful, long after the blooms have passed. Excellent for glass bowl culture also. Pkt. 35c.

TROLLIUS LEDEBOURI

(Globe Flower) "Golden Queen"

A rare and valuable garden plant that should be better known, for it germinates readily from seed. It is a hardy perennial and blooms from June till October. Fine also for cutting. Rich golden yellow globe-like blooms four inches across, with intense orange centers. Plant is extremely floriferous. 4 ft. tall. Pkt. 25c.

VIOLA "Arkwright Beauty"

A new free flowering strain of good hardy constitution, coming remarkably true from seed. Beautiful bright ruby-crimson with terra-cotta shadings and dark central markings. Exquisitely fragrant. Pkt. 35c.



"Guinea Gold" is a Magnificent New Marigold

For regular listings of Flower Seeds, see pages 33-51.

For special Bargain Collections of Flower Seeds, see page 14.

For Planting Tables and General Cultural Directions, see Planter's Guide, page 85-93.



Navlet's Selected Flower Seeds

Here are eighteen pages that will be the delight of every Flower lover—the promise of beauty in every page. For here you'll find listed all the rare and exquisite bits of loveliness for your garden—cool, fragile flowers for shady spots, robust flowers that burst to a blaze of color in the hot sunshine, bouquets of old fashioned loveliness, flowers for a massive sweep of color—you'll find them all in these pages of Navlet Flower Seeds.

Listed in these pages are superior strains of Flower Seeds, the result of years of selection, propagation, improvement. As a result of nearly half a century of experience as Seedsmen, we offer you seeds especially developed for Western Gardens, suited to Pacific Slope soil and climatic conditions. And the true flower lover who seeks the rare and unusual in seeds will find these pages a mine of delight, listing as they do many new and imported strains of surpassing loveliness.

ABRONIA (Sand Verbena)
(HA-R, 6")

UMBELLATA—A pretty trailing annual. Thrives in dry locations. The pink flowers are produced in Verbena-like trusses. Plant from September to May. Large pkt. 10c.

ABUTILON (Flowering Maple)
(HHP, 3 to 4 ft.)

HIBISCUS - FLOWERED HYBRIDS—Sometimes known as Chinese Bell-Flower. Growing into small trees in California. Ornamental leaves—bell-shaped blossoms in white, yellow and rose. Plant from February to May or in September and October. Mixed colors. Large pkt: 10c.

ACHILLEA (Yarrow) (HP, 2 ft.)

THE PEARL—Heads of double white globular flowers throughout the entire season. Fine for cutting. Will flower the first year if sown early. Sow August to March in boxes to transplant. Pkt. 15c.

ACROCLINIUM (Everlasting Flower)
(HA, 15")

DOUBLE ROSEA—Producing rose-colored double Daisy-like flowers. Much used for wreaths and Winter decorations. Flowers should be gathered when young to be preserved. Plant from January to May. Pkt. 10c; ¼ oz. 20c; oz. 60c.

AFRICAN DAISY (See Dimorphotheca)

AFRICAN LILAC DAISY (See Arctotis)

AFRICAN VIOLET (See Saintpaulia, page 32)

AGATHEA COELISTIS (Felicia Amelloides) (HHP, 1½ ft.)

BLUE BORDER DAISY (Blue Marguerite)—Sky-blue Daisy-like flowers with yellow disk. Invaluable for borders. Pkt. 10c; ¼ oz. 50c.

KEY TO ABBREVIATIONS

- A.—Annual:** Plant that naturally completes its life within one year from germination to seeding and death.
- B.—Biennial:** Plant that lives two years from seed, blooming only, or mostly, in the second year.
- P.—Perennial:** Plant that lives more than two years.
- C.—Climber:** Plant that requires support.
- R.—Rock Garden or Edging Plant:** Plants that are dwarf and compact, suited to use in Rock Gardens as single plants, or in borders or edgings for effect.
- H.—Hardy:** Plants that resist average seasonal extremes of low temperature.
- HH.—Half-Hardy:** Plants that require protection in extremes of low temperature;
- T.—Tender:** Plants that will not stand frost or extremes of heat.
- HA.—Hardy Annual.**
- HHA.—Half-hardy Annual.**
- TA.—Tender Annual.**
- HP.—Hardy Perennial.**
- HHP.—Half-hardy Perennial.**
- TP.—Tender Perennial.**
- HB.—Hardy Biennial.**

For Classified Tables and General Planting Information, see Planters Guide, pp. 85-93.

AGERATUM MEXICANUM (Floss Flower) (HHA)

Prized summer blooming plants. They thrive in hot summer weather and remain covered with dense clusters of small feathery flowers all season.

BLUE PERFECTION—9 to 12 in. Compact grower, fine for bedding. Beautiful deep amethyst-blue. Pkt. 10c; ¼ oz. 30c.

BLUE CAP—3 in. (New). (See Page 32.)

AGROSTEMMA (Rose of Heaven)
(HP, 2 ft.)

CORONARIA—An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink; has silvery-white foliage. Sow in Fall or early Spring in boxes to transplant or out of doors. Pkt. 10c.

ALYSSUM (Mad Wart) (HA)

Dainty little flowers especially adapted for use in borders, edgings and as a rock plant. Among the easiest of flowers to grow. Succession of bloom till frost can be had by keeping wilted flowers picked. Sow from September to May.

COMPACTUM ERECTUM—(Lilac Queen Improved), 6 to 9 in.—Light lilac flowers, ideal for bedding or borders. Pkt. 10c; ¼ oz. 25c.

MARITIMUM (Sweet Alyssum), 10 in. Clusters of delicately scented white flowers. Pkt. 10c; 1 oz. 35c; ¼ lb. \$1.00.

PROCUMBENS (Carpet of Snow), 4 in. Best edging variety. Snowy mass of tiny white flowers obscuring the foliage. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.

ALYSSUM SAXATILE COMPACTUM (Gold Dust)
(HP-R 9 in.)

Single plants easily cover a square foot in a year, producing hundreds of golden blossoms. Grayish foliage. Very compact growing. Good rock plant. Pkt. 10c; ¼ oz. 35c.

Summer Lingers in the Glory of Asters

For Explanation of Abbreviations, Turn to Page 33

AMARANTHUS (HHA, 2 to 3 ft.)

Robust plants, related to the Celosias, striking for the brilliant color contrasts in their foliage. Do best in open sunny spots in good soil, but colorings are most brilliant in poorer ground. Plant from February to May.

CAUDATUS (Love Lies Bleeding)—Rapid grower. Long drooping crimson flowers. Pkt. 10c.

TRICOLOR (Joseph's Coat)—Rich scarlet and yellow foliage, with green and white shading. Pkt. 10c.

AMPELOPSIS

Grown as wall, arbor and fence coverings. Not particular as to soil. Cling by tendrils. Plant from February to May.

QUINQUEFOLIA (Virginia Creeper)—(American Ivy)—Leaves turn to crimson and yellow in Autumn. Pkt. 10c.

VEITCHII (Boston Ivy)—Best hardy climber. Young growth dark purplish-green changing to bright tints of scarlet, crimson and orange in Fall. Pkt. 10c; 1 oz. 50c.

ANCHUSA

Anchusas provide some of the few really blue flowers of our gardens. Graceful sprays with clusters of small flowers something like Forget-me-nots. Stalks and foliage somewhat rough and hairy. Sow the annual variety from August to March, the Perennial from May to September.

BLUE BIRD—HP 18 in. (New)—See Novelties, Page 32.

CAPENSIS (Cape Forget-me-not) HA 2 ft. Sprays of azure-blue flowers with white eyes. Sow seed in boxes in Fall or early Spring. Pkt. 10c; ¼ oz. 25c.

ITALICA LISSADELL (New) HP 4 ft. Greatly improved form of the Dropmore variety. Handsome plant, producing an abundance of clear gentian-blue flowers. Does well in a rather dry situation and prefers partial shade. Pkt. 20c.

ANEMONE CORONARIA (Windflower) (HHP, 12")

Seed of these gorgeous bulbous flowers sown from March to July will produce full sized blooms the following Spring. May be sown in the bed where they are to bloom, thinning out to 6 in. apart. Provide shade until plants appear.

ST. BRIGID, extra choice mixture of semi-double and double flowers in brilliant colors. Pkt. 15c.

ANTIRRHINUM (See Snapdragon)

AQUILEGIA (See Columbine)

ARCTOTIS (HA, 1 to 3 ft.)

GRANDIS (African Lilac Daisy)—Large pearly-white, Marguerite-like, sun-loving plant from South Africa. Delicate mauve center surrounded by a narrow golden band. The light lilac backs of the petals make it exceedingly beautiful. Pkt. 10c; ¼ oz. 30c.

HYBRIDA—1 ft. (New)—One of the most beautiful novelties of recent introduction. Warm shades of brilliant orange and yellow with dark disk centers. Leaves are fringed and crested with silvery reverse. Thrives in the driest positions of the garden. Pkt. 25c.

ARMERIA (Sea Pink) (HP, 1 ft.)

FORMOSA HYBRIDA (Giant Thrift)—Rose-colored flowers resembling Common Thrift, but of gigantic size, borne on long stems. Useful in borders and excellent for cutting. Grassy leaves and tufted habit of growth. Pkt. 15c.

ASPARAGUS FERN (HHP)

PLUMOSUS NANUS (Lace Fern)—Lacy fern-like foliage, used for bouquets. Adapted to pot and greenhouse culture. Soak seeds before sowing. Pkt. 10c; 100 seeds 50c.

SPRENGERII (Emerald Feather)—A charming contrast to Plumosus; suitable for hanging baskets. Pkt. 10c; 100 seeds 40c.

ASTERS

ASTERMUM—2 ft.—The largest flowering type of all Asters, with a Chrysanthemum appearance. Flowers are large and double, well formed of the Comet class, and a little earlier than the Crego's. White, Pink, Lavender, 10c per packet. Mixed packet 10c; ¼ oz. 60c.

CALIFORNIA SUNSHINE ASTERS (Anemone Flowered)—12 to 16 in.—Several years' hybridizing and special selection have resulted in an Aster with long, sturdy stems, and blooms of fine size with twisted and quilted petals that are most unusual. All have cushion center of tiny quills in a lighter shade or white. Mixture, Pkt. 25c.

COMET (or Crego)—Giant Branching—A gorgeous Aster of highest perfection, that wins instant enthusiasm. Flowers are of immense size, often 6 inches across, composed of long, wavy twisted petals, gracefully formed into loose, yet densely double half globes. Plants grow luxuriantly, with 20 to 30 flowers on long stems. Excellent for cutting for vases. Carmine, White, Rose Pink, Lavender—Packet 15c; 4 packets 50c. Giant Comet Mixed—Packet 10c; ¼ oz. 75c.

IMPROVED GIANTS OF CALIFORNIA (Double)—3 to 3½ ft.—Truly an aristocrat among Asters. In size of flower and length of stem they vie with the Chrysanthemum! The seed offered this year is from re-selected stock. Your choice of six gorgeous colors—Peach Blossom, Light Blue, Dark Blue, Light Purple, Deep Rose and White. These magnificent Asters combine the well-known Crego or ostrich feathered type of flower with the long, non-lateral sturdy habit of the Beauty Aster. Ideal for cut flowers, with blooms up to six inches across. Separate colors, Pkt. 15c, postpaid; ¼ oz. 85c. Mixture Pkt. 15c.

IMPROVED GIANTS OF CALIFORNIA (Single)—Imagine if you can, a Shasta Daisy measuring 3 to 4 inches across, with petals slightly twisted, adding a piquant touch to their beauty and you will have a slight conception of the white Single Giant of California Aster. Imagine further this same bloom in Rose, Light Blue, Purple Lilac and delicate Flesh tints. Separate colors, Pkt. 15c, postpaid; ¼ oz. 85c. Mixture Pkt. 15c.

POMPON ASTERS (Mignon)—15 in.—These excited tremendous interest in our Cut Flower Department during the past season. Each plant is in itself a bouquet, a compact bush covered with brilliant Rose, fiery Scarlet or Dark Blue blooms. Exceptionally long keepers as cut flowers. Fine for bedding. 15c pkt., postpaid. Mixture, 15c pkt.

SEMPLER, or LATE BRANCHING—3 ft.—A magnificent, strong growing American strain. It forms broad, handsome bushes which are covered with large, long-stemmed and long-petaled flowers that are extremely graceful and feathery in effect. Blooms late in Autumn. White, Pink, Cardinal Rose, Crimson, Purple, Lavender, 10c per packet; ¼ oz. 50c. Collection, seven above separate packets, 50c. Packet mixture colors 10c; ¼ oz. 50c; 1 oz. \$1.50.

HEART OF FRANCE—2 ft. A rich garnet, the best of all red Asters. Wilt-resistant. Free branching habit with flowers about 3½ in. across. Pkt. 15c.

WILT RESISTANT STRAINS (New). See Novelties, Page 32.

INDIAN SUMMER (New). See Novelties, Page 32.

MICHAELMAS DAISY—HP—2 to 4 feet. NEW LARGE FLOWERED MIXED. Sturdy plants, branch-near the top. Produce quantities of daisy-like single flowers in shades of lilac, mauve and blue with contrasting discs of bold orange late in Autumn. Pkt. 15c.

AUBRETIA (HP-R, 6")

NEW LARGE FLOWERING HYBRIDS. Dainty dwarf creeping plant for the rock garden or borders where a mat of close foliage covered with a blanket of color is desired. A wide range of many unusual mauves, purples, lilacs and other shades. Blooms in early spring, and does well in moderately poor soil. Pkt. 15c; ¼ oz. 50c.

AUSTRALIAN PEA VINE (See Dolichos)



The Giant of California is One of the Most Gorgeous Asters

Here are Color and Grace for Your Garden Gay

For Explanation of Abbreviations, See Page 33

- BABY'S BREATH (See Gypsophila)
- BABY BLUE EYES (See Nemophila)
- BACHELOR BUTTON (See Centaurea)
- BALSAM (Lady's Slipper) (TA, 1 to 1½ ft.)

Grow well in partial shade. Plants are profusely covered with large double wax-like flowers in bright color variations. They require plenty of moisture. Set plants 18 in. apart. Plant from February to May.



- ROSE-FLOWERED CHOICE MIXED. Beautiful shades. Pkt. 10c.
- CAMELLIA-FLOWERED CHOICE MIXED. Extraordinary size, perfect camellia form and brilliant colors. Pkt. 10c.
- BALSAM APPLE (See Momordica)

Calendulas Are Cheery, with the Warmth of Glowing Orange

BEGONIA, TUBEROUS-ROOTED, (HHP)

We offer B & L superb strain (awarded more than 120 Gold Medals) carefully hand fertilized and saved from unequalled Gold Medal exhibition varieties. This type of Begonia has been erroneously considered an exhibition pot plant for indoor culture because of its delicate beauty. Thrives outdoors in a sheltered position, blooming the first season from seed sown in light soil in well drained pots or pans. Keep moist in a temperature of 65 to 70 degrees. Gradually harden-off the young plants and set out or pot early in June, to bloom all Summer. The colors run through white, crimson, yellow, scarlet, pink, rose, salmon, and orange. Plant from February to May.

- GOLD MEDAL DOUBLES, MIXED, Pkt. 75c.
- GOLD MEDAL LLOYDI (Hanging Basket Type). Salmon and Pink shades suited for hanging baskets or as pot plants. Flowers are delicately beautiful and distinct from other types. Pkt. 75c.
- GOLD MEDAL SINGLE-CRESTED. The crested growth on each of the four petals giving them a curious and rather fantastic appearance, often of a different tint to the ground color. Many beautiful and varied combinations. Pkt. 75c.
- GOLD MEDAL SINGLE FRILLED MIXED. An extremely beautiful class, the edges of the petals being more or less deeply frilled giving a charm not possessed by smooth petaled varieties. Pkt. 75c.

BEGONIA, FIBROUS-ROOTED (HHP, 9 to 12")

These ever-blooming varieties make very satisfactory plants for beds and borders, doing equally well in full sunlight or partially shaded positions. They flower from May until frost. Plant from February to May.

- GRACILLIS LUMINOSA, glistening reddish brown leaves, scarlet flowers. Pkt. 25c.
- GRACILLIS PRIMA DONNA, large flowers, rose pink, deeper in center, green foliage. Pkt. 25c.
- SEMPERFLORENS ERFORDIA. Light silvery pink flowers, deep in center, green foliage. Pkt. 25c.
- SEMPERFLORENS SALMON QUEEN, bright salmon, foliage brownish-red. Pkt. 25c.
- SEMPERFLORENS VERNON, vivid red blossom with golden stamens, leaves margined bronze-red. Pkt. 15c.

- BLACK-EYED SUSAN (See Thunbergia)
- BLUE BONNET (See Scabiosa Caucasic)
- BLUE LACE FLOWER (See Didiscus)
- BOSTON IVY (See Ampelopsis Veitchii)

CALCEOLARIA (TA, 18")

Bears fantastic pouch-shaped flowers, beautifully varied in coloring and marking, their light backgrounds being curiously splashed or spotted with maroon or brown. Suitable for greenhouse, or outdoor culture where climate is very mild. Sow from May to September in Seed pans.

COVENT GARDEN STRAIN, large flowers in wide range of the most beautiful Calceolaria colors. Pkt. 50c.

CALCEOLARIA (HHP, 1 ft.)

ALBERT KENT HYBRIDS (New)—(See Novelties, Page 32.)
RUGOSA (Rain of Gold). This hardy type bears small spotted flowers in yellows, bronzes and other shades. Suited to outdoor culture in partially shaded position. Plant from August to April. Pkt. 50c.

CALENDULA (English or Pot Marigold) (HA, 1 to 1½ ft.)

The disc-like double flowers borne on bushy plants with dense green leaves, make it the showiest and most desirable annual in the garden. Year-round bloom can be had by sowing in January, May and August. Thrives in poor soil and requires little care.

- BALL'S ORANGE IMPROVED. Larger flower and long stemmed than Orange King, but color slightly lighter and does not stand hot weather quite so well. Light center. Pkt. 15c; ¼ oz. 50c.
- CAMPFIRE (Sensation). Extremely large, very flat flowers of brilliant orange with a scarlet sheen. Long, stout, stems. Disbud for full development. Yellow centers. Pkt. 15c.
- DOUBLE MIXED, orange and yellow shades. Pkt. 10c.
- LEMON QUEEN, an admirable companion to Orange King. Large blossoms of clear lemon yellow. Pkt. 10c; 1 oz. 40c.
- ORANGE KING, magnificent flowers of deep orange-red with dark center. Flowers abundantly borne on sturdy compact plants. Stands heat better than other types. Pkt. 10c; 1 oz. 40c.
- RADIO, a novel development of form. Flowers hemispherical in shape with unique quilled petals, curled and twisted. Medium-sized, rich glowing deep orange. Pkt. 15c; ¼ oz. 50c.
- RADIO GOLDEN BEAM (New). (See Novelties, Page 32.)

CALIFORNIA NATIVE FLOWERS MIXED

Ideal as gift packets for out-of-state garden enthusiasts, also for broadcasting in unused spaces, vacant lots, summer homes, etc. Contains about 25 hardy California Native annuals and perennials. Pkt. 10c; 1 oz. 50c; ¼ lb. \$1.50; 1 lb. \$4.50.



The Colorings of Calliopsis Rival the Rainbow in Variety

CALLIOPSIS (Tickseed) (HA)

Showy and beautiful free-flowering Coreopsis-like annuals producing a wealth of brilliant flowers 1½ inches across; excellent for cutting and massing. A sun-loving plant. Sow from February to June, where they are to bloom.

ATROSANGUINEA, 2½ ft. Velvety maroon. Pkt. 10c; ¼ oz. 25c.

- DWARF DRUMMONDI (Golden Wave), 9 in. Large-flowering light golden yellow flowers with maroon eye. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.
- HYBRIDA SEMI-PLENA MIXED, 2½ ft. Semi-double garnet and yellow shades. Pkt. 10c; ¼ oz. 25c.

CAMPANULA (Bellflower) (HP, 6 in. to 6 ft.)

Delightfully graceful subjects for borders and beds. Can be grown with the greatest ease in all gardens. Attractive bell-shaped flowers, thriving in light, rich soil, either in sun or half-shady spots. Sow seed from August to April.

- CARPATICA (Harebell) R. 6 to 9 in. A gem for rockeries and borders. Dainty blue bells all summer long. Compact plant. Pkt. 10c.
- PERSICIFOLIA (Peach Bell) 3 ft. Long spikes profusely adorned with broad, shallow blooms. Blue, White, Mixed, Pkt. 10c each.
- PYRAMIDALIS (Chimney Bellflower), 5 to 6 ft. Extremely long spikes packed with starry bells; does well in warm dry situation. Blue, White, Mixed, Pkt. 10c each.



Carnations Lend a Spicy Fragrance

For Explanation of Abbreviations, Turn to Page 33

CANTERBURY BELLS (Campanula Medium) (HB, 3 ft.)



Canterbury Bells Are Among the Loveliest of Old Fashioned Favorites

Branching plants heavily loaded with large pendant bells; extremely showy among shrubs and in mixed tall borders. Plant from August to April.

SINGLE, in Blue, White, Lavender, Rose, Mixed, Pkt. 10c.

CALYCANTHEMA (Cup and Saucer). Distinctive, popular type; each cup-shaped bell surrounded by a corolla-like calyx of similar color, resembling a saucer. **Dark Blue, White, Rose, Lavender**, Pkt. 15c; **Choice Mixed**, Pkt. 10c.

CANARY BIRD VINE (See *Trapoleolum Canariensis*)

CANDYTUFT

(HA, 6" to 18")

Popular annuals for masses of color during the summer months. Seed may be sown in March, April or May where the plants are intended to stand. The clumps must be thinned to attain robust proportions and produce fine heads of bloom.

GIANT HYACINTH FLOWERED WHITE, extra select. 18 in. A superior strain with enormous trusses of blooms. Best on the market. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.

UMBELLATA. 1 ft. Compact growing varieties, broad tops liberally sprinkled with flat tight clusters of small florets. Desirable for massing in beds and picking. **Carmine, Lavender, White, Rose Cardinal, Choice Mixed**. Pkt. 10c; ½ oz. 30c; 1 oz. 50c.

UMBELLATA HYBRIDA NANA, 6 in. Dwarf. Compact growth in full range of colors. Sow in late Spring or Summer for best results. **Mixed Hybrids**; Pkt. 10c; ¼ oz. 25c.

CANDYTUFT (*Iberis Gibraltarica*) Perennial (HP-R, 8")

Early-blooming hardy plant, valuable for rockeries. Spreading habit, covered with large flat clusters of small lilac flowers shading white toward centers. Very easy of culture. Dies down in winter, but sends up new growth early in Spring. Plant from May to September. Pkt. 10c; ¼ oz. 35c.

CANNA (Indian Shot) (HP, 2½ to 7 ft.)

CROZY'S HYBRIDS CHOICE MIXED. "The King of Bedding Plants." Broad leaves of green or bronze, topped by a cluster of large flowers of varied and vivid colors. The hard seeds should be notched or filed, and soaked before planting, from February to June. Pkt. 10c; 1 oz. 40c.

CARNATION (*Dianthus Caryophyllus*) (HP, 1½ to 2 ft.)

Raised from seed with the greatest ease, the plants are more floriferous than those grown from divisions. Valuable for masses of color and great wealth of bloom for cutting during the summer months. Sow seed in boxes in Fall or early Spring.

CHABAUD'S GIANT IMPROVED. Bloom 5 months from time seed is planted. Robust and upright habit; they form 10 to 20 stalks, bearing huge flowers of fine form; come about 90% double, are quite true to color and highly clover-scented. Should not be confused with the old Chabaud Everblooming group. **Choice Mixed**; Pkt. 15c; ¼ oz. 40c.

CHABAUD'S "ENFANT DE NICE," (New). Cross between Chabaud's Giant Improved and Carnation Perpetual. Plants produce long, strong stalks bearing flowers 2½ to 3 in. in diameter. A magnificent strain, and is so far, the last word in Carnations. May be treated as an annual. Comes true. **Red, Rose, Salmon, White, Choice Mixed**; Pkt. 25c; ¼ oz. \$1.25.

NEW HYBRID CARNATION CROSS (See *Dianthus Allwoodii*)

CARDINAL CLIMBER (See *Ipomea*)

CASTOR BEAN (*Ricinus*) (HHP, 10 to 15 ft.)

ZANZIBARENSIS CHOICE MIXED. Grows in any well-drained soil. Sow where plants are to stand, from March to May. Remarkable growth in single season, depending on richness of soil and amount of water given. Huge leaves often 2 feet across, from brilliant green to lustrous bronze. Seed pods are interesting. Pkt. 10c; 1 oz. 25c; ¼ lb. 60c.

CELOSIA (Cockscomb) (HHA)

Form the oddest and most picturesque decoration in beds and borders, retaining their brilliant coloring until frost. Plant from February to May.

CHRISTATA DWARF IMPROVED (Coxcomb), 6-8 in. Glasgow Prize or Pres. Theirs. Large ruffled velvety crimson crest on central stem above green foliage. Plant from February to May. Pkt. 10c.

CHILDSII (Chinese Wool Flower), 2 ft. Vivid crimson, Pink Yellow terminal clusters like balls of yarn. Plant from February to May. **Mixed**, Pkt. 15c.

PLUMOSA IMPROVED MIXED (Feathered), 2-3 ft. Impressive and stately feathery plumes of brilliant colors. Plant from February to May. Pkt. 10c; ¼ oz. 40c.

CINERARIA (HHA, 1 to 2 ft.)

Produce immense trusses of daisy-like flowers in gorgeous hues, large velvety leaves. Unmatched outdoors in California for shaded spots. Ideal pot plants for growing in a cool place indoors. Rich and varied vivid colors in all shades of blue, purple, crimson and white with colorful markings. Sow in boxes in Summer or Spring.

NAVLET'S PRIZE STRAIN, 1½ ft. Gorgeous blooms of immense size. In addition to blues, purples, crimsons and whites, there are charming shades of rose and pink. The plants are compact growing with giant foliage making each a specimen plant. **Prize Mixed**. Pkt. 35c.

GRANDIFLORA, SEMI-DWARF STRAIN, 1 ft. Slightly smaller flowers than our "Prize Strain," ideal for massing, as they give a brilliant color effect. **Mixed**. Pkt. 25c.

STELLATA (Star-flowering), 2 ft. Loose clusters of small graceful, star-like flowers. Very floriferous. **Mixed**. Pkt. 25c.

CHRYSANTHEMUM (Summer Blooming Annual)

(HA 1½ to 2½ ft.)

Robust, easy-to-grow plants with single and double 2 in. daisy-like flowers, not to be confused with the large fall varieties. Plants have finely cut foliage; petal markings make them very attractive and unusual. Sow from January to April.

CARINATUM Single Mixed. Unusual color combinations consisting of dark copper with yellow zone; white, scarlet zone; golden chamois, scarlet zone; white, yellow zone; deep purple, yellow zone, etc. Pkt. 10c; ¼ oz. 20c; 1 oz. 50c.

CARINATUM Double Mixed. Produces a diversity of colors, including shades of purple, scarlet, white and yellow. Pkt. 10c.

SEGETUM SINGLE, "Evening Star" (Annual Golden Marguerite), 20 in. Fine for cutting. Pure golden yellow flowers 3 in. in diameter. Pkt. 10c; ¼ oz. 25c.

SEGETUM SINGLE FINEST MIXED, 20 in. Contains such varieties as "Eastern Star," "Evening Star," "Morning Star," "Gloria," etc. Pkt. 10c; ¼ oz. 25c.

JAPANESE MINIATURE (New) HP. From the mountains of Japan. Bears clusters of small single flowers; easily grown. Pkt. 25c.



Carnations, Spicy as Cloves



Cineraria and Columbine Love Cool Shadows

For Explanation of Abbreviations, Turn to Page 33

CHRYSANTHEMUM LEUCANTHEMUM MAXIMUM

(HP, 2 ft.)

SHASTA DAISY "ALASKA". Very large pure white flowers with small yellow centers. Excellent for cutting and for bedding. Soak seed in warm water overnight then sow in box from September to December. Pkt. 10c; ¼ oz. 35c.

CHIFFON DAISY (New). Our own hybrid. Growth and culture identical to "Alaska." Unusual and unique pure white fluffy blooms. The narrow, slender petals are slightly twisted and the tips curled and cut. A free bloomer; fine cut flower. Pkt. 25c.

CHEIRANTHUS (HB-R)

ALLIONI (Siberian Wallflower), 1 ft. An unusual and uncommon, easy-to-grow plant for the rock garden or low border. Upright spikes bear numerous four-petaled flowers of dazzling rich orange. Thrive in the sun. Continue in bloom the whole season if wilted blooms are removed. Fine in succession to Wallflowers. Sow from August to March. Pkt. 10c; ¼ oz. 40c.

LINIFOLIUM (Alpine Wallflower), 9 in. Produces freely, clear mauve flowers on a compact plant, making it very desirable for rockeries and low borders. Pkt. 25c.

CHELONE BARBATUS (See Penstemon Barbatus)

CHIFFON DAISY (See Chrysanthemum Leucanthemum)

CHINESE BELL FLOWER (See Abutilon)

CHINESE LANTERN PLANT (See Physalis Franchetti)

CHINESE WOOL FLOWER (See Celosia Childsii)

CENTAUREA (HA, 2 to 3 ft)

CYANUS (Bachelor Button or Cornflower). Easy to grow. Broadcast seed in Spring at intervals of 3 weeks for continuous bloom. Fall sown seed should be started in boxes to transplant. Rich soil produces larger and longer stems. Plant from February to May. **Double Blue, Double Rose, Double Ruby, Double Mixed**; Pkt. 10c; ¼ oz. 25c.

IMPERIALIS (Royal Sweet Sultan), 3 ft. Large thistle-like blooms, graceful in form and delicately scented. Long stems and good keeping qualities make them especially desirable for cutting. Sow in Fall or Early Spring to bloom before very hot weather. **Brilliant Rose, Deep Lavender, Amaranth Red, Formula Mixed**; Pkt. 10c; ¼ oz. 30c.

ODORATA SUAVEOLENS (Yellow Sweet Sultan), 3 ft. Also known as "Grecian Cornflower". Identical to Centaurea Imperialis except for sweet-scented yellow flowers. Plant from February to May. Pkt. 10c.

CENTAUREA CANDIDISSIMA (Dusty Miller) (HPR, 1 ft.)

Hardy, ornamental border or rock garden plant used for its silvery gray foliage. Fine contrast with masses of green foliage. Plant from September to November, February to May. Pkt. 10c; ¼ oz. 75c.

CLARKIA ELEGANS (HA, 2 to 2½ ft.)

The enormous improvements in range of really beautiful colors, has brought Clarkias much into favor. Sow from March to May, or in September. They can be used in masses in the garden for colorful effect and also for cutting, as they will open in water. Delicately colored double flowers set along the stems.

Dorothy, brilliant Dorothy Perkins Rose shade. Pkt. 10c.

Purple Prince, fine rich purple, very double. Pkt. 10c.

Queen Mary, lovely rose-carminé, very bright. Pkt. 10c.

Salmon Queen, pleasing Salmon-pink. Pkt. 10c.

Vesuvius, very double orange-scarlet, shaded salmon. Pkt. 10c.

Formula Mixture of Above Double Varieties, Pkt. 10c; ¼ oz. 30c.

COEBEA SCANDENS (Cathedral Bells) (HHP, 20 to 30 ft.)

Elegant rapid growing climber for sunny walls or arbors. Bears large bell-shaped deep violet blue flowers on graceful stems. Spiral tendrils prefer wire netting or rough surface for support. Seed sown in February, or March will give blooming plants the same year. Pkt. 10c.

COLEUS (TP, 1 to 2 ft.)

Popular ornamental foliage plants. Keep indoors during cold weather, but may be set outdoors in warm weather. Rich salmon in superb combinations. Sow from March to May. Pkt. 25c.

COLUMBINE (Aquilegia) (HP, 2 to 4 ft.)

All varieties are exquisite. The delicate and refined beauty of the new shades, their graceful form and hardiness, combine to make them one of the most popular of garden flowers. They thrive in almost every situation, but are happiest in semi-shaded positions. Sow seed September to November, February to April.

CHRYSANTHA (Golden Spurred) 3-4 ft. Pale yellow long-spurred flowers, which contrast admirably with "Coerulea." Pkt. 10c.

COERULEA (Rocky Mountain Columbine) 1-2 ft. Vigorous-growing variety with long-spurred pale blue and white blooms. Pkt. 15c.

CRIMSON STAR (New). See Novelties, Page 32.

COLUMBINE (Continued)

LONG-SPURRED

HYBRIDS, 3 to

4 ft. Superb improved variety, unsurpassed for beauty and size of flower. Remarkably long spurs. **Blue Shades, Orange and Scarlet Shades, Pink and Rose Shades**. Pkt. 25c; Choice Mixed, Pkt. 15c; ¼ oz. 50c.

MRS. SCOTT

ELLIOTT'S

STRAIN, 3 to 4

ft. A popular prize-winning strain. Wide range of all colors with many different and distinct ones. Unexcelled for habit of growth and size of blooms. Pkt. 25c.

B & L SPECIAL

EXHIBITION

STRAIN, 3 to 4

ft. Direct importation of lovely color selections from England. Gorgeous, long-spurred white, pink, salmon, pale and deep blues, rose, bronze, ruby, orange, yellow and contrasts of these shades. An exclusive specialty. Mixed Shades. Pkt. 50c.



Delicacy of Form and Color Belie the Sturdiness of Cosmos

CONVOLVULUS (See Morning Glory)

CORAL BELLS (See Heuchera)

COREOPSIS (HP, 2 to 2½ ft.)

Unsurpassed for its light graceful foliage. Long stems and 3 in. daisy-like flowers with broad fluted petals. One of the most satisfying and brilliant golden flowers for garden and cutting. Sow in boxes from August to May.

MAYFIELD GIANT, (New). Taller and more vigorous, longer and firmer stems, giant blooms of intense golden yellow. Pkt. 15c.

GRANDIFLORA LANCEOLATA, Golden yellow. Pkt. 10c; ¼ oz. 25c.

GRANDIFLORA FLORA PLENA (New). The extra petallage increases the charm of this semi-double form, which is just as easy to grow as the single. Produces a high percentage of golden yellow flowers. Pkt. 15c; ¼ oz. 50c.

CORNFLOWER (See Centaurea Cyanus)

COSMOS (HHA, 3½ to 6 ft.)

Showy late flowering plants with feathery light green foliage. Flowers of a delicate texture with broad petals and attractive centers, on long stems. The plants do well in any sunny spot, but bloom more profusely in poor soil. Of the easiest possible culture. Sown from February to June, they will bloom till frost cuts them down.

EARLY EXPRESS, 3½ to 4 ft. An extra early large flowering improved type. Produces pink, white and crimson blooms in from 45 to 60 days from seed. Choice Mixed, Pkt. 10c; ¼ oz. 20c; 1 oz. 60c.

LATE PERFECTION GIANT FLOWERING MIXED, 5 to 6 ft. Giant single flowers, lasting at least 2 weeks later than the Early Express. Pkt. 10c; 1 oz. 50c.

HYBRIDA KLONDYKE, 3½ to 4 ft. Orange-yellow. Pkt. 15c; ¼ oz. 50c.

DOUBLE CRESTED OR ANEMONE-FLOWERED, 3½ to 4 ft. A late blooming variety with an attractive, raised, central crest of small petals which completely cover the disc. Some come single. **Pink Beauty, Crimson King, Mixed**, Pkt. 15c; ¼ oz. 60c.

COCKSCOMB (See Celosia Cristata)

CYNOGLOSSUM AMABILE (Chinese Forget-me-not)

(HP, 1½ ft.)

A valuable addition to the garden border from China. Large Forget-me-not blossoms of rich turquoise blue and pink. Will stand full sunshine. Very easy to grow from seed sown in Fall or Spring. **Blue**, Pkt. 10c; ¼ oz. 25c; **Pink (New)** Pkt. 25c.

CYPRESS VINE (See Ipomea)

Stately Delphinium and Garden Pinks

For Explanation of Abbreviations, Turn to Page 33

DAHLIA (HHP, 3 to 5 ft.)

An ornamental favorite. They are remarkably easy to germinate, and from the very seed leaf the plants are stocky and sturdy. Seed sown in the house in February or March will produce flowering plants the following Summer. Some of the finest, largest Dahlias and the richest colors we have ever seen were among the seedlings.

SINGLE VARIETIES MIXED—Very large flowers in a rainbow variety of colors. Pkt. 20c.

DOUBLE VARIETIES MIXED—Will produce large flowered varieties of great beauty. Pkt. 25c.

SELECTED HYBRID—Seeds collected from very choice varieties. Mixed colors. Per pkt. 25 seeds, 75c; 100 seeds \$2.50.

IMPERIAL CACTUS—Will produce large, double, fantastic flowers in very brilliant colors. Pkt. 15c. Plant from February to May.

SEA DAHLIA (See *Leptosyne*).

DELPHINIUM (Perennial Larkspur)

(HP, 2 to 6 ft.)

A choice Perennial with towering spires of lavender, blue, mauve, to violet; easily grown from seed. After Spring crop of flowers is over, old spikes should be cut to the ground before they go to seed, to insure further crops. They are happy in deep, rich soil with plenty of water while they are growing rapidly. Plant in groups for the best effect. Sow seed in boxes in Autumn, or very early Spring.

B & L GOLD MEDAL HYBRIDS, 4½ to 6 ft. The World Famous English Strain credited with having won 7 Gold Medals, 17 Awards of Merit from the Royal Horticultural Society. We offer this choice seed saved only from Gold Medal varieties in mixed packets at 75c each.

BELLADONNA, 2 to 3 ft. The type generally grown by Florists. Shorter, thinner stems, and open spacing of the turquoise blue flowers and branching habit make them desirable for bouquet arrangement with other flowers. Pkt. 20c.

BELLAMOSUM, 2 to 3 ft. Dark blue, of the Belladonna type. Pkt. 20c.

NAVLET'S EXHIBITION STRAIN, 4½ to 6 ft. Careful selections from only the most vigorous growing and most beautiful plants with graceful open pip formation; large semi-double, single and double florets. Only the richest of shades prevail, in the mixture. Pkt. 50c. Separate shades; Deep Blues; Light Blues; Lavenders and Mauves; Purples and Mauves. Pkt. 75c.

WREXHAM HYBRIDS (Hollyhock), 4 to 6 ft. Massive, rugged, towering spikes very broad at base and tapering to a rather blunt tip, with florets closely set, hiding the spike stem. This type in its boldness, lacks the grace and elegance of the Exhibition and Gold Medal Strains, but is nevertheless considered among the choicest of strains. Pkt. 75c.

DIANTHUS (Pinks) (HA-R)

These everblooming, charming little garden pinks brighten beds and edgings. They sometimes live several years. The brilliant singles are prized by some even more than the doubles; both make dainty cut flowers. Sow in boxes in Fall, or outdoors in Spring, where they are to remain.

CHINENSIS (China or Indian Pinks), 1 ft. Clusters of singularly rich double flowers in brilliant colors with attractive fringed edges. Resemble small carnations. Double Mixed, Pkt. 10c.

HEDDEWIGII LACINIATUS (Japanese Pinks), 10 in. Large, finely marked varieties with lacinated or fringed flowers in intensely interesting colors. Single Mixed, Pkt. 10c; ¼ oz. 30c.

SWEET WIVELSFIELD (New), 1 to 1½ ft. Interesting cross between D. Allwoodii and Sweet William (D. *Barbatus*). Fringed blooms larger, flower heads loose and graceful. Many new shades of red, pink, crimson with contrasting markings. Brilliant bedding plant. Fine for cutting. Few plants compare with it for wealth of color and length of flowering season. Seed sown in boxes in Fall to bloom in Spring. That sown outdoors in spring will bloom in late summer. Pkt. 25c.



These Spicy Garden Pinks Are Exquisite in the Rock Garden

DIANTHUS PLUMARIUS (Grass or Clove Pinks) (HP-R, 3 to 12")

The exquisitely scented favorite old English garden flower. Loved for its contrasting, distinctive eye and wealth of bloom. Evergreen foliage makes it one of the best edging and rock plants. Easily raised from seed sown in boxes from May to September to bloom the following year.

CYCLOPS (Single Perpetual Pink), 12 in. Large, single fringed sort in shades of rose and red with blood-red eyes. Pkt. 10c.

HIGHLAND QUEEN (New) 9 in. Most brilliant hardy Pink in cultivation. Profusion of lustrous scarlet-vermillion blooms with deep center. Vigorous growth and compact habit make it ideal for bedding, borders and rockeries. Pkt. 25c.

LARGE FLOWERING DOUBLE CLOVE PINKS, 12 in. Brilliant mixture of the choicest sweet-scented semi-doubles and doubles. Pkt. 10c.

(Hardy varieties of special interest)

ALLWOODII, 1½ ft. Entirely new race, half pink, half carnation, producing 75% double flowers. New and beautiful colors. This phenomenal, deliciously clove-scented type can be grown from seed sown outdoors in Spring and Summer; and in boxes indoors in Autumn and Winter. Pkt. 35c.

ALLWOODII ALPINUS (New), 3 to 5 in. A gem for rockeries. Ultra-beautiful perpetual-flowering cross of D. Allwoodii with D. *Deltoides*, D. *Caesius*, and D. *Alpinus*. Adapted ideally to all forms of Wall, Alpine and Terrace gardening. Blooms from Spring to Winter. Retains its silvery, moss-like foliage all year. A 2 yr. old plant spreads only 6 in. in diameter. Flowers the first year from seed like D. Allwoodii. Pkt. 35c.

CAESIUS (Cheddar Pink), 4 to 6 in. Pretty, mat-forming, fragrant. Showy bright pink blooms in May and June. Petals bearded and toothed. Ideal for borders and rockeries. Pkt. 15c.

ROCK GARDEN HYBRIDS, 3 to 6 in. A formula mixture of rare hardy, dwarf Dianthus Species specially for rockery use. Interesting forms, brilliant colors. Pkt. 25c.

DAISY (Bellis Perennis) (English Daisy) (HP-R, 4" to 8")

Double Daisies rank as one of the most valuable plants for beds, lawns or borders. Plants will bloom the first summer and continue to flower for years if given slight winter protection. Not very particular as to soil, but should be in a partially shaded spot. Sow in boxes, August to March.

DOUBLE MONSTROUS. Enormous full double flowers which might be mistaken for firmly shaped Asters rather than a form of common Daisy. *Idylle (Radiata)*, (New). Unique half-quilled dark red; *Gigantea Alba*, (New), Giant of White Daisies, long, upright stems 10 to 12 in. long; *Dark Rose*, (New), Giant dark rose blooms; *Tubulosa Lutea*, (New), large light yellow flowers with quilled petals; *Giant Chevreuse*, dark red. Pkt. 25c. *Long-fellow*, *Dark Rose*; *Snowball*, clear white; *Mixed* Pkt. 10c; ¼ oz. 50c.

SINGLE LAWN DAISY, for sowing in lawns. Pkt. 10c; ¼ oz. 25c.

OTHER DAISY SORTS

AFRICAN LILAC DAISY. (See *Arctotis*.)

AFRICAN ORANGE DAISY. (See *Dimorphotheca*.)

BLUE BORDER DAISY. (See *Agatheia*.)

CHIFFON DAISY. (See *Chrysanthemum Leucanthemum*.)

KINGFISHER DAISY. (See *Felicia*.)

MICHAELMAS DAISY. (See *Perennial Aster*.)

PAINTED DAISY. (See *Pyrethrum Roseum*.)

SHASTA DAISY. (See *Chrysanthemum Leucanthemum*.)

SOUTH AFRICAN DAISY NOVELTIES. (See *Ursinia* and *Venidium*.)

TURFING DAISY. (See *Pyrethrum*.)

DIDISCUS (Blue Lace Flower)

(HHA, 1½ ft.)

COERULEUS. Exquisitely delicate, lacy, flat heads of clear blue similar in shape to Wild Parsley. Sow in boxes from February to June for transplanting to sunny spots where plants will be moderately dry. Resents over-watering. Pkt. 15c; ¼ oz. 50c.



Delphinium Carries Us Back to the Lovely Gardens of old Old England

Old Fashioned Foxglove and Forget-Me-Not

DIGITALIS, (See Foxglove)
DIMORPHOTHECA (African Daisy)
 (Star of the Veldt) (HHA, 12-15")

AURANTIACA (African Golden Orange Daisy), 15 in. Neat branching habit exceedingly profuse in flowering. Marguerite-like blooms of rich, glossy-orange gold, 2½ in. in diameter. Sow early in spring in boxes, later, outdoors. Pkt. 10c; ¼ oz. 40c.

AURANTIACA MIXED HYBRIDS, 12 to 15 in. Various-colored hybrids of the type, including a range of shades of primrose, apricot, buff, salmon and white. Thrive in full sun. A blaze of glory along the garden path. Sow outdoors where they are to grow in Spring after frost has passed. Pkt. 10c; ¼ oz. 40c.

DOLICHOS (C 10 to 12 ft.)

LIGNOSUS (Australian Pea Vine) **HIIP**—Rapid growing evergreen, ideal for covering arbors, trellises, etc. Small leaved, with large clusters of rose blossoms. Seed may be sown March to May, where plants are to stand, or indoors, in boxes, in the Fall. Pkt. 10c; 1 oz. \$1.00.

LABLAB (Hyacinth or Jack Beans), **TA**—Fast growing climber. Flowers in erect racemes, white and purple, followed by ornamental seed pods. Sow in Spring outdoors. Pkt. 10c; oz. 25c.

DUSTY MILLER (See *Centaurea Candidissima*)

ECHIUM (Tower of Jewels) (New) (HB, 6 ft.)

An unusual introduction from the Canary Islands. Grows easily from seed sown outdoors in Spring, in poor soil. Towering spikes tapering from 12 in. at base surrounded by thousands of small rose pink flowers in spirals. Leaves are silvery white. Pkt. 50c.

ESCHSCHOLTZIA (California Poppy) (HA, 1 to 1½ ft.)

The fast-disappearing, beloved, glorious Native California Poppy. Only those who have used them for summer bedding can realize the gorgeous effect produced by them. The extremely beautiful hybrid varieties show a distinct range of most brilliant coloring. Really a perennial, although treated as an annual, for they re-seed themselves under favorable conditions and sometimes even live over winter after blooming. In mild climates sow seed outdoors before Fall rains, otherwise broadcast in open ground in Spring. Does not transplant.

AURANTIACA (True Calif. Poppy). Reselected rich orange. Award of Merit, RHS. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50

SALMON BEAUTY, New double. A delicate shade of creamy salmon, inside and out. Award of Merit, RHS. Pkt. 10c.

SCARLET BEAUTY, very fine deep scarlet, Pkt. 10c; ¼ oz. 40c.

SALMON BEAUTY DOUBLE (New). See Novelties, Page 32.

THE GEISHA, Inside of fluted petals brilliant gold, outside orange crimson. A very showy variety. Pkt. 10c; ¼ oz. 25c.

VESUVIUS, rich glistening wallflower red. Pkt. 10c; ¼ oz. 50c.

BRILLIANT MIXED, rich in shades of crimson, pink and orange-scarlet. Pkt. 10c; 1 oz. 40c; ¼ lb. \$1.25; 1 lb. \$4.00.

HYBRIDA MIXED, (New). Large-flowering mixture of dwarf, erect varieties, containing new colors, including soft pink, scarlet, chrome, copper red, claret, royal purple. Pkt. 10c; oz. \$1.00.

BUSH ESCHSCHOLTZIA (See *Hunnemannia*).

EUPHORBIA (HHA, 2ft.)

Interesting foliage plants, oddly colorful, used for their contrasting and unusual foliage, in borders. Thrive in any good soil. Sow seed from February to May.

HETEROPHYLLA (Mexican Fire Plant or Annual Poinsettia). Smooth glossy green leaves, turn bright scarlet in Summer. Pkt. 15c.

MARGINATA (E. Variegata) (Snow on the Mountain). White veined and margined foliage. flowers in umbels, with white petal-like appendages. Pkt. 10c; ¼ oz. 25c.



Didiscus is Rightly Called "Blue Lace Flower"

EVENING GLORY (See *Ipomea*)

EVENING PRIMROSE (See *Oenothera*)

EVENING SCENTED STOCK (See *Matthiola*)

EVERLASTING (Straw Flowers) (See *Acrolinium, Helichrysum, Rhod-anthe, Statice*)

FALSE DRAGON HEAD (See *Physostegia*)

FELICIA AMELLOIDES (See *Agathea Coelestis*)

FELICIA BERGERIANA (Kingfisher Daisy) (New) (See *Novelties*)

FEVERFEW (See *Pyrethrum*)

FLAG OF SPAIN (See *Mina Lobata*)

FLAX (See *Linum*)

FLOSS FLOWER (See *Ageratum*)

FLOWERING MAPLE (See *Abutilon*)

FLOWERING SAGE (See *Salvia*)

FORGET-ME-NOT (*Myosotis*) (HP, 6" to 9")

This charming spring flower, treated as a biennial sown in Summer or Fall in a shady, or cool moist spot will prove a source of delight the following Spring. They should be used more for carpeting beds and borders in which Daffodils, Tulips and Hyacinths are grown. The small star-like flowers, mostly in blue shades have a sentimental beauty unmatched by any other flower.

ALPESTRIS BLUE—9 in. Rich blue, floriferous. Pkt. 10c; ¼ oz. 35c.

ALPESTRIS MIXED—9 in. Blue, pink, white. Pkt. 10c.

ISOLDE KROTZ (New), 6 in. Extra large flowered, dwarf growing. Bright forget-me-not blue. Superior to the older well known sort Ruth Fischer, in every respect. Pkt. 25c.

CHINESE FORGET-ME-NOT. (See *Cynoglossum Amabile*.)

CAPE FORGET-ME-NOT. (See *Anchusa Capensis*.)

FOXGLOVE (**DIGITALIS**) (HP, 4 to 7 ft.)

Magestic, stately plants that thrive in semi-shaded, moist, rich soil, at the back of the border, under trees, or among Fuchsias or Ferns on the cooler side of the house. Tall clusters of tubular two-lipped flowers beautifully spotted on the exposed interior surfaces. Easily grown from seed sown in boxes in summer to bloom the following season. Perpetuate themselves in congenial surroundings.

GLOXINIOIDES (Spotted Flowers). 4 ft. Improved strain selected for the interesting spotting of the thimble-like flowers. Rose, Purple White, Mixed; pkt. 10c; ¼ oz. 30c.

GIANT SHIRLEY—5-7 ft. (New). A strain of giants raised by the late Rev. W. Wilks; flowers of great size, ranging in color from white to dark rose; flower spikes are 3 to 4 ft. long. Handsomely spotted cream, maroon and chocolate. Pkt. 15c.

SHELL PINK—5 ft. (New). A unique introduction, tall and stately; warm pleasing tones found in Sea Shells. Awarded RHS Medal for best introduction in two years by an Amateur. Pkt. 25c.



California's Native Poppy



Sturdy, Rugged Seeds, Hardy as Pioneers

For Explanation of Abbreviations, Turn to Page 33

GAILLARDIA (Blanket Flower)

Both the Annual and Perennial varieties are valuable for garden decoration because of their gorgeous shades of orange, yellow, red and maroon, often beautifully combined in a single blossom. They are perhaps the easiest of all hardy garden plants to grow, being especially happy in a warm, sunny place. The large solitary heads measure from 2 to 3 in. across, and are frequently toothed, spotted or dotted with rays of yellow and red, making a striking contrast to their disc centers. They bloom continuously through the year. Very showy when planted with Shasta or Chiffon Daisies. Sow seed indoors from August to November, or outdoors from February to May. Excellent for cutting.

PICATA SINGLE MIXED—HA.—1½ ft. Large daisy-like blooms of yellow, bronze, red shades, with bright centers. Pkt. 10c.

PICATA LORENZIANA DOUBLE MIXED.—HA—1½ ft. Dome-like heads of tubular florals in sulphur, orange and claret. Pkt. 10c.

GRANDIFLORA BURGUNDY (New)—HP—2 ft. Shiny coppery-scarlet self color coming 60 to 70% true. Blooms about 2½ in. across. Pkt. 25c.

GRANDIFLORA DAZZLER (New)—HP—2 ft. Glorious combination of intense maroon red and golden yellow. Pkt. 25c.

GRANDIFLORA TANGERINE IMPROVED (New)—HP—2 ft. Distinct orange overlaid red, greatly improved over the original. Pkt. 25c.

GRANDIFLORA PORTOLA HYBRIDA IMPROVED, (New)—HP—2 ft. A marvelous improvement in the strain, flowers better in every way, glorious shades of bronzy red, tipped with gold. Pkt. 20c.

GERBERA (Transvaal Daisy) (HHP, 1½ to 2 ft.)

South African flower of unusual beauty and daintiness. Long-stemmed blooms, 3 to 5 in. across, with slender gracefully curved petals. Prefers full sun; rich, soil, deeply dug and well drained. Crown of plant must not be covered with soil. Sow seed in boxes in Fall or Spring for transplanting.

JAMESONII HYBRIDS—Beautiful color range, from white to cream to yellow and orange, and from flesh pink to rich crimson and salmon shades. *Formula Mixed* Pkt. 50c. Separate colors: Pinks, Reds, Yellows, Salmons, Orange Shades; Pkt. 75c each. *Choice Mixed*, Pkt. 25c.

GEUM (HP, 2 ft.)

An indispensable garden plant, blooming from early summer to late autumn. Almost the equal of the Carnation in size when given rich soil and kept well watered and cultivated. Sow seed in boxes from September to March.

MRS. BRADSHAW—Large brilliant double scarlet flowers. Pkt. 15c.

LADY STRATHEDEN—Rich golden-yellow flowers. Pkt. 15c.

ORANGE QUEEN, (New). Bright orange-scarlet flowers. Pkt. 25c.

GILIA (HA)

Attractive California native flower, easy of culture. Scatter seed and rake in when first rains come.

CAPITATA (Queen Ann's Thimble) 1½ ft. Compact, globular heads of light blue flowers, finely cut foliage. Pkt. 10c; oz. 40c.

TRICOLOR (Bird's Eyes), 1 ft. Clusters of delicate cup-shaped, faintly perfumed, little blooms of delicate lilac, blending to white, five purple spots on throat. Pkt. 10c; oz. 40c.

GLOBE FLOWER (Trollius)

(see Novelties)



There's a Stately Dignity in Transvaal Daisy

GLOXINIA (TP, 10 in.)

Large trumpet shaped flowers of velvety texture. Sow seed in January or February, in temperature of 65-70 degrees. Shade lightly from bright sun. Transplant to pots indoors, in rich moist soil, protected from sun. Do not wet leaves when watering. Will flower in 6 months from seed, forming a bulb which can be rested and re-planted.

B & L GOLD MEDAL STRAIN MIXED—A selection from the choicest named varieties—deep wine red, crimson, royal purple, spotted and netted hybrids, and types with edgings of white, mauve, pink, etc. Pkt. 50c.

GODETIA (Satin Flower) (HA, 1 to 2 ft.)

Very hardy, extremely easy to grow plant with satiny blooms, suited to partial shade, even in poor soil. Sow seed in open ground in fall or spring, or in boxes for transplanting. Make handsome decoration for vases. Can be used in full sun when well watered. Both single and double varieties, dwarf and tall are profuse bloomers, colorings and markings are exquisite.

DWARF SINGLE, BRILLIANT MIXED, 1 ft. Cup-shaped, broad-petaled open flowers of rich satiny texture. Pkt. 10c; ¼ oz. 25c.

DWARF DOUBLE, AZALEA FLOWERED MIXED, 1 ft. Glorious brilliant pinks, crimson, salmon, rosy-mauve, very double. Pkt. 15c.

TALL DOUBLE GRANDIFLORA FINEST MIXED, 2 ft. Produces fine gladiola-like flowers in long trusses, fine for cutting in wide range of striking colors. Pkt. 10c.

TALL DOUBLE, AZALEA FLOWERED (Schamini Type) Mixed, 2 ft. Tall type, same beautiful colors as the dwarf; fine for cutting. Pkt. 15c.

GOLDEN FEATHER (See Pyrethrum)

GOURDS (Ornamental) MIXED (TA, 12 ft.)

The dense foliage of these vigorous climbers makes splendid coverings for arbors, fences, slopes, or unsightly places. The odd-shaped fruits often resemble dipper, clubs, eggs, etc. They are very decorative and make artistic groups for Console Bowls when shellacked. Sow where they are to remain after frost is passed in spring.

LARGE SORTS MIXED, including such as Pipe, Dipper, Dish Cloth, Club, Sugar Trough, etc. Pkt. 10c; 1 oz. 25c.

SMALL SORTS MIXED, including such as Apple, Bottle, Egg, Orange, Pear, Spoon, Warted, etc. Pkt. 10c; 1 oz. 25c.

GYPSOPHILA (Baby's Breath)

Indispensable for the lightness and grace it adds to bouquets, edgings and beds. The annuals produce larger flowers; they must be sown successively for continuous bloom as their season is short. The perennials when established make an attractive mass of thousands of tiny white flowers. Both are easy to grow and will thrive anywhere.

ELEGANS GRANDIFLORA ALBA—HA—2 ft. True Covent Garden Strain, very large single pure white flowers. Sow in Fall and Spring where they are to grow. Best for bouquets. Pkt. 10c; oz. 25c.

ELEGANS GRANDIFLORA ROSEA—HA—2 ft. Charming rose-pink flowers. A pretty companion to Alba. Plant February to April. Pkt. 10c; oz. 35c.

PANICULATA ALBA DOUBLE, HP—3 ft. Greatly improved over the single type and everlasting. Flowers form miniature balls of white petals. If cut before flowers fully open, sprays can be dried for winter bouquets. Sow from September to November; February to April. Pkt. 10c.



Helioopsis is a Sturdy Peasant Bloom



Here's Hollyhock and Fragrant Heliotrope

HELIANTHUS (Sunflower) (TA, 3 to 6 ft.)



This Double Chrysanthemum Type is a Far Cry from the Lowly Sunflower

Plants of majestic growth and immense showy flowers for backgrounds or tall divisions. Except in the miniature type, each has a single robust stalk, bearing large sun-like blooms. Sow seed in open from April to June, in full sun, on light ground.

DOUBLE CHRYSANTHEMUM FLOWERED, 6 ft. Densely double bright golden flowers. Branching habit. Fine for cutting. Pkt. 10c.

TALL SINGLE RED, 4 to 8 ft. Large-flowered, variable hybrids. Colors similar to Gaillardia with red centers and crimson and yellow shaded petals. Pkt. 10c; ¼ oz. 20c; oz. 50c.

SINGLE STELLA, 3 ft. Dwarf, branching type with 3 in. blooms of orange-yellow with black center. Pkt. 10c; ¼ oz. 20c; oz. 50c.

MEXICAN SUNFLOWER. (See *Tithonia Speciosa*.)

ORANGE SUNFLOWER. (See *Heliopsis*.)

HELICHRYSUM (Everlasting Flower) (HA, 3 ft.)

MONSTROSUM FLORA PLENA CHOICE MIXED. The best of the straw-flowers, very ornamental in the garden. Centers of the double pompon-like flowers are nearly covered by stiff overlapping petals. Cut when partially opened and dry slowly, heads downward to keep the long stems straight. Shades of yellow, crimson, rose-carmine, scarlet, pink and gold. Sow from February to May. Pkt. 10c; ¼ oz. 25c; oz. 75c.

HELIOPSIS (Orange Sunflower) (HHP, 3 to 4 ft.)

PITCHERIANA, (Lemoine Strain). Brilliant border plant, resembling a double, golden-yellow sunflower. Its 2 in. blooms come all summer. Long wiry stems make it fine for cutting. Pkt. 10c.

HELIOTROPE (Cherry Pie) (HHP, 2 ft.)

A universal favorite on account of its delightful fragrance and duration of bloom. In comparatively frostless places it will persist in a sunny situation, in rich, light soil; requires plenty of water in summer. A splendid pot plant for indoor decoration. Grows as easily as *Verbena*. Sow in boxes from February to May and transplant.

MME. BRUANT (Dwarf Giant Flowered), 1 ft. Immense flower heads 6-8 in. across. Violet-blue flowers with white eyes. Pkt. 25c.

GIANT MIXED, 2 ft. Many interesting new varieties. Pkt. 10c.

HEUCHERA (Coral Bells or Alum Root) (HP-R, 8 to 12")

Graceful slender stalks are adorned with airy clusters of tiny bell-like flowers. Make a remarkably fine show when massed in the border, also in rockeries. Easy to grow. Make exquisite bouquets. Sow in boxes from September to November, February to May. Hardy and drought-resistant. Will stand some shade.

SANGUINEA SPLENDENS, Best of all vivid coral-reds. Pkt. 25c.

HOP VINE (Humulus Japonicus) (Japanese Hop)

(HA-C, 15 to 30 ft.)

The fastest growing and most satisfactory of climbers for covering or shade. Large deeply lobed leaves with toothed edges and hairy surfaces. Sow in open from March to May. Pkt 10c.

HUNNEMANNIA (Bush Eschscholtzia) (Santa Barbara or Mexican Tulip Poppy) (HA, 1½ ft.)

Bloom similar to California Poppy. Buttercup yellow. Blooms till frost. Keeps well as cut flower. Bushy in habit. Sow outdoors from February to May. Pkt. 10c.

HYACINTH BEAN (See Dolichos)

HOLLYHOCK (HP 6 to 8 ft.)

Dignified stalks, richly adorned with wide-open flowers near the top. Most effective in a group of tall shrubs or against a fence or high background. Easily grown from seed sown in boxes to transplant from August to October, or where they are to stand from March to May. Usually dies after blooming. so re-sow every 2 years. Indifferent to culture.

ALAMEDA PINK (Allegheny Semi-Double Type), 5 ft. Different from other sorts because it will bloom the same year from seed sown in boxes, early in spring. Light pink shades. Pkt. 15c.

ALLEGHENY MIXED, 8 ft. Huge semi-double flowers, deeply fringed and frilled at the edges, in art shades. Pkt. 10c.

IMPERATOR DOUBLE MIXED, 8 ft. Striking and sensational sort; the giant fringed and frilled flowers 6 in. across have double rosette centers, resembling a crested Tuberous-rooted Begonia or Peony. The tints are of unusual beauty, through all shades of cerise-salmon, delicate pink, light yellow; with cream, rosy-yellow, and canary rosettes 3 in. across. MIXED Pkt. 25c.

TRIUMPH (New), 4-5 ft. Blooms 10 days ahead of others. Branching habit like *Imperator*, with waved and fringed flowers of crimson, scarlet, carmine, rose, flesh, white, cream, yellow, lilac, violet, purple. Mixed pkt. 25c.

IBERIS (See Candytuft Perennial)

INCARVILLEA VARIABILIS HYBRIDS (Hardy Gloxinia)

(HP, 2ft.)

Tubular flowers with broad five-lobed brim. Rich salmon to pink shades with yellow throats. One of China's treasures. Happy in a sunny border. Sow September to November, February to May. Pkt. 25c.

IPOMEA (HHA-C 12 to 20 ft.)

All vines of the Morning-Glory form included under this classification. Mostly rapid growing climbers in wide range of colors with dense foliage, ideal for covering walls, fences, trellises, arbors, stumps, etc. These summer flowering vines should be sown from March to May, after frost is over. Seed soaked overnight germinates best and file notches in pods.

BONA NOX (Evening Glory). Delightful violet-hued blooms; open on dull days and in the evening. Pkt. 10c; oz. 35c.

TRICOLOR (Rubro-Coerulea), (Heavenly Blue). Purplish-blue blooms, white tube and limb, red before opening. 4 in. across. Pkt. 15c.

ROSE MARIE (New) (See Novelties, Page 32.)

IMPERIALIS (Japanese Morning Glory). Giant snow-white to carmine, shades of blue and purple to nearly black, marbled, striped and splashed sorts. Pkt. 10c; oz. 25c.

NOCTIFLORA (Moonflower). Large, pure white, sweet-scented blooms 5-6 in. across that open at night and during dull days. Surpasses all others in size and beauty. Pkt. 10c; ½ oz. 30c.

Quamoclit

QUAMOCLIT LOBATA (Mina Lobata) (Flag of Spain). Large

heart-shaped leaves deeply lobed, bearing handsome sprays in pairs, of tubular flowers with scarlet buds that expand from brilliant orange to primrose. Pkt. 10c; ¼ oz. 75c.

QUAMOCLIT

PENNATA (Cypress Vine). Dainty vine with soft deep green feathery foliage. Slender little scarlet trumpets with star-shaped rims. Will twine on a stretched cord. Pkt. 10c.

QUAMOCLIT

SLOTTERI HYBRIDA (Cardinal Climber.) Fiery-red clusters of tubular blooms 2 in. long and ½ in. across, somewhat star-shaped. Sow in rich soil in warm, sunny place. Pkt. 15c.



Double Hollyhock is Like a Cluster of Old-Fashioned Nosegays

Brown Seeds Bursting to Bombs of Color

We Prepay Postage on All Flower Seed Orders

- JACK-AND-THE-BEAN-STALK** (See Kudzu Vine)
JAPANESE BELL FLOWER (See Plaiycodon)
JOSEPH'S COAT (See Amaranthus)
KENILWORTH IVY (See Linaria)
KOCHIA TRICHOPHYLLA CHILDSII (Summer Cypress)
 (HA, 2½ ft.)

Also known as Mexican Fire Bush. Rapid-growing plant with finely cut, moss-like foliage which changes from green to a rich russet-crimson in Autumn. Seed sown thinly in Spring where plants are to stand; quickly forms a cypress-like hedge. Pkt. 10c.

- KUDZU VINE** (Jack-and-the-Bean-Stalk) (HP-C 10 to 50 ft.)
 Surpasses all vines for strength and extent of growth. Large, bright leaves afford excellent shade. Racemes or clusters of rosy pea-shaped flowers. Thrives in poorest soil. Pkt. 10c.
- LANTANA** (TP, 2 to 3 ft.)

Verbena-like clusters of orange, rose, and lavender blooms all Summer. Becomes shrubby in mild climates. Blooms are followed by green berries that turn to deep blue. Sow seed from August to October or February to May in boxes. Pkt. 10c.

- LARKSPUR** (Annual Delphinium) (HA, 2½ to 5 ft.)

This very satisfactory plant is often overlooked, by those who associate it with the old type which was a scraggly grower. The new types vie with the Delphinium in glory and compactness of the double flower spikes. The taller varieties are suited to shrubberies and borders, and the dwarfier ones to beds. Seed can be sown indoors in Fall, and outdoors in Spring.

GIANT IMPERIAL (New), 4-5 ft. The improved form of the popular double stock-flowered type. Base branching, throwing up many fine cutting stalks, 3-4 ft., long. Upright and compact habit. **Blue Spire**, intense deep Oxford Blue; **Carmin King**, deep carmine rose; **Lilac Spire**, lilac; Pkt. 20c; ¼ oz. 75c. **Exquisite Pink Improved**, soft pink salmon; **Exquisite Rose**, rose pink; **La France**, salmon pink; **Los Angeles**, rose on Salmon ground; **Superb Mixed** of above select colors; Pkt. 15c; ¼ oz. 40c; oz. \$1.25.

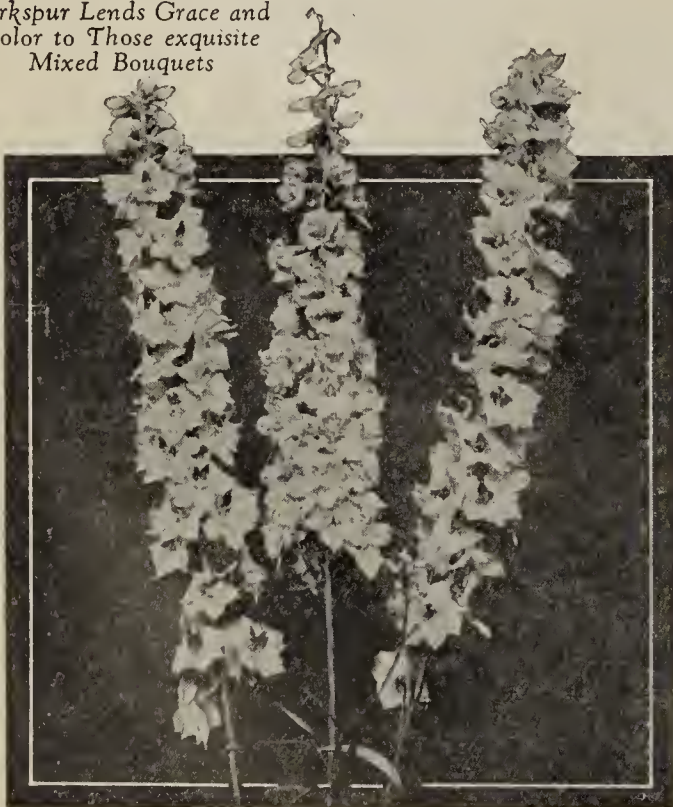
EARLY GIANT HYACINTH-FLOWERED IMPROVED, 2½ to 3 ft. Ideal for bedding and cutting. Full double spikes in the following brilliant colors: **Dark Blue**, **Lilac**, **Pink**, **Purple**, **Choice Mixed**; Pkt. 15c; ¼ oz. 40c; oz. \$1.25.

- PERENNIAL LARKSPUR** (See Delphinium)

- LATHYRUS LATIFOLIUS** (Everlasting Sweet Pea)
 (HP-C, 5 to 6 ft.)

A sturdy vine that may be trained upon a support, or left to ramble over uneven, rugged places. Similar to the Sweet Pea in appearance, but blooms are thick and waxy, and lack fragrance. Sow seed from October to November, January to April. **White Pearl**, **Crimson**, **Pink Beauty**, **Mixed**; 10c pkt.

Larkspur Lends Grace and Color to Those exquisite Mixed Bouquets



- LAVATERA** (Mallow)
 (3 to 10 ft.)

Very showy plant subjects for tall borders and backgrounds, large beds, and groups. Leaves often maple-like and downy. Large cup-shaped blooms, 2-3 in. across borne on short stems in axils of leaves or in terminal racemes. Bloom profusely all summer. Sow seed in open ground from March to May.

ASSURGENTIFLORA (California Windbreak)—HP, 10 ft. Planted for windbreaks and ornamental hedges. Rosy-crimson, cup-shaped blooms. Pkt. 10c.

SPLENDENS "SUNSET," HA—3-4 ft. The bedding sort. Brilliant rosy-carmine cup-shaped blooms. Good cut flowers. Pkt. 10c.

- LAVENDER** (*Lavandula Vera*)
 (HP, 2 ft.)

The one Grandmother grew and dried to make sachet bags for placing among linens. The feathery delicate gray foliage, the little lavender blue flowers and dainty fragrance make it an ideal garden plant. Grows in any soil. Sow from September to November, March to May. Pkt. 10c; ¼ oz. 25c.

- LEPTOSYNE MARITIMA GRANDIFLORA** (Sea Dahlia) (HHA, 1½ to 2 ft.)

Large Coreopsis-like bright lemon yellow flowers with golden disc. Long stems make it fine for cutting. Will bloom in about 6 weeks from seed sown in February to June where plants are to grow. Pkt. 10c; ¼ oz. 40c.

- LILIUM REGALE** (The Regal Lily) (3 to 4 ft.)

25 to 30 flaring white flowers with golden throats and anthers, and on the back, a colorful rosy penciling. Luxuriantly fragrant. Wiry stems. Seed sown in Fall or early Spring like grass, and flowers the second or third year. Plant so blooms are in full sun, and roots partially shaded by other plants. Pkt. 15c.

- LINARIA MAROCCANA HYBRIDA EXCELSIOR MIXED** (Toad Flax) (HA-R, 10")

Interesting flowers resembling miniature Snapdragons. Fine for edgings and rockeries, and massing in beds. Flowers two months from seed sown in Fall or Spring, in the open. Pretty shades of crimson, orange and blue with contrasting white lip. Fine ground cover around Tulips and Lilies. Pkt. 10c; ¼ oz. 25c.

- LINARIA CYMBALARIA** (Kenilworth Ivy) (HP-C 3 ft.)

Dainty shade-loving creeper with miniature Ivy-Shaped leaves and lilac-blue, yellow-throated flowers. Suited for window boxes, moist spots, hanging baskets and pots, low walls. Sow seed from September to November, March to May. Pkt. 15c; ¼ oz. 50c.

- LUPIN** (*Lupinus*)

Very ornamental. Bear pea-shaped blooms compactly placed on upright tapering spikes. Foliage is lance-like. Easy of culture. Sow seed in Fall or Spring outdoors.

HARTWEGII CHOICE MIXED—HA—2 ft. Forms beautiful, large flowered spikes, splendid for cutting, in shades of Dark Blue, Rose, Sky-Blue, White. This flower is much overlooked. Pkt. 10c.

NANUS (California Native Lupin)—HA—10-15 in. Flowers rich blue with white markings. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

POLYPHYLLUS—HP—3-4 ft. This stately sort is tremendously popular abroad and will be seen at most of the flower shows. Produce in abundance, long spikes of delicately scented flowers. Pinks, blues, salmons, etc. Treat as an annual. Pkt. 10c.

- LOVE-IN-A-MIST** (See *Nigelia*)

- LOVE-LIES-BLEEDING** (See *Amaranthus Caudatus*)



Lupin Responds to Garden Care with Blooms of Amazing Beauty

Fragrance and Beauty, All For a Dime!

For Explanation of Abbreviations, Turn to Page 33

LINUM (Flax)

GRANDIFLORUM RUBRUM (Scarlet Flax) HA—1½ ft. Bright red clusters of saucer-shaped flowers with dark centers. Sow successively outdoors from February to June for continuous bloom, in a sunny spot. Pkt. 10c; oz. 30c.

PERENNE, SIBIRICUM—HP—18 in. Graceful form with arching stems carrying small sky-blue blossoms veined darker blue with light centers. Sow from May to September. Plants must be in full sun. Drought-resistant. Pkt. 10c; ¼ oz. 25c.

LOBELIA (HHA)

Dainty flowers somewhat like tiny butterflies in form, in bloom all summer. Indispensable for edgings because of their dwarf compact growth. The trailing form adapts itself for use in hanging pots or baskets, over low walls, and in the rockery. Sow seed in boxes in spring for transplanting later.

CRYSTAL PALACE COMPACTA—6 in. Continuous blooming deep blue flowers. Foliage and stems tinged reddish brown. Pkt. 10c.

CELESTIAL BLUE—6 in. Bright blue flowers with tiny white throats. Free flowering. Green foliage. Pkt. 10c.

HYBRIDA SAPPHIRE—Superb pendulous or trailing type. Large deep blue flowers with white eye. Pkt. 15c.

LYCHNIS ARKWRIGHTII (New) (HP, 2½ ft.)

A hardy hybrid that is a great acquisition. Interesting cross between *L. Chalcedonica* (Maltese Cross Flower) and *L. Haageana*. Clusters of large flowers from orange-scarlet to soft salmon pink. Plant September to November, February to April. Pkt. 25c.

LYTHRUM ROSEM SUPERBUM (HP, 4 ft.)

Immense spikes of bright rosy purple flowers; free blooming, in moist places. Sow seed September to November, February to April. Pkt. 10c.

MALLOW (See Lavatera)

MARIGOLDS (Tagetes) (See Calendula for Pot Marigolds) (HA)

Add a wealth of color in Summer and Autumn when many plants are past their prime. African varieties make effective garden feature planted against dark hedges. The French sorts have smaller flowers but the variety of colors and interesting markings make them equally desirable. The tall French are fine for large budding or background work, the dwarf for borders and edgings as they bloom longer than the African. Both sorts withstand drought well, are not very particular as to soil and bloom more profusely when not overfed. Sow in boxes from February to May and transplant later.

DWARF FRENCH DOUBLE, FINEST MIXED, 10 in. Includes choice named varieties in gold, brown, orange maroon, etc., spotted and striped. A superior strain. Pkt. 10c; ¼ oz. 25c; oz. 75c.

TALL FRENCH DOUBLE, FINEST MIXED, 2½ ft. Includes dark brown, lemon, orange, gold striped, spotted, etc. Pkt. 10c; ¼ oz. 30c.

TAGETES, SIGNATA PUMILA, 8 in. Very dwarf, bright orange blooms, fine for borders. Pkt. 15c; ¼ oz. 40c; ½ oz. 70c; oz. \$1.25.

TALL AFRICAN DOUBLE, 2½ ft. Especially fine tall branching strain, enormous quilled flowers. Lemon Queen, Orange Prince; Pkt. 15c; ¼ oz. 50c. Finest Mixed: Pkt. 10c; ¼ oz. 25c.

TALL AFRICAN ALL DOUBLE (New). 2½ ft. Large, closely quilled double heads, and small percentage of loosely formed heads which are equally beautiful and useful for cutting. Singles have been practically eliminated. All Double Orange; All Double Lemon; Pkt. 25c; 5 pkts. \$1.00.

AUSTRALIAN GIANT (Grendon Tree)—4-6 ft. Late blooming, large double French type blooms of brownish yellow with hardly any marigold odor. Pkt. 15c.

CARNATION-FLOWERED, GUINEA GOLD (New), 2½ ft. An entirely distinct type, different from all others and undoubtedly the most beautiful and satisfactory. Graceful, pyramidal habit, producing 30 to 40 flowers, 2 to 2½ in. across of a brilliant shade of golden,

MARIGOLDS (Continued)

flushed orange. The double and semi-double flowers resemble carnations in size and form. And, the characteristic marigold odor is practically eliminated. Unmatched in the garden, unequalled for cutting. Pkt. 25c; 5 pkts \$1.00.

MATTHIOLA BICORNIS (Evening Scented Stock) (HA, 12")

Purplish-lilac flowers on long spikes, grown for the fragrance it emits in the evening. Sow seed March to May. Pkt. 10c; ¼ oz. 20c; oz. 50c.

MEADOW RUE (See Thalictrum)

MECONOPSIS BAILEYII (Blue Poppy of Thibet) (New) (HP, 3 ft.)

Very rare, graceful plant with downy pale green leaves, and brilliant Cambridge-blue four-petalled blooms, enhanced by a central zone of golden anthers. Sow in seed pans or thumb pots in Spring in light soil. Germinates from 25 days to several months. Plants must be kept in complete shade close to the north side of the house, and watered freely. Thread-like tap roots must not be disturbed in transplanting. Fussy to grow, but well worth the trouble. Pkt. 35c.

MEXICAN FIRE BUSH (See Kochia)

MEXICAN SHELL FLOWER (See Tigridia)

MEXICAN SUNFLOWER (See Tithonia)

MIGNONETTE (Reseda) (Little Darling) (HA, 12")

Cone-shaped spikes of unassuming blooms. Many grow it solely for its perfume. Makes a good ground cover under shrubs. Enjoys rich soil, and prefers a cool moist place rather than a dry and sunny one. Sow seed in open all year.

RESEDA ODORATA GRANDIFLORA IMPROVED, the old fashioned garden variety. Very free flowering. Strongly sweet scented. Pkt. 10c.

GIANT MACHET SPECIAL MIXED, including golden yellow, intense red, orange shades. Broad, closely set spikes. Pkt. 10c.

MIMULUS (HHP)

TIGRINUS (Mottled Monkey-flower), 10 in. Large, brilliantly colored, spotted flowers, in shades of yellow, orange and coppery red. Out-spread petals give an interesting appearance, hence the name. A valuable plant for the semi-shaded and moist spots. Sow in boxes from September to March. Queen's Prize Mixed, Pkt. 15c.

MOSCHATUS (Musk Plant)—6-9 in. Musky scent of this variety perfumes the surrounding air. Small tubular yellow flowers, lightly spotted. Sow seed March to April. Pkt. 15c.

MINA LOBATA (See Ipomea Quamoclit Lobata)

MOMORDICA BALSAMINA (Balsam Apple) (HA-C 10 ft.)

Lacy foliage; yellow flowers followed by peculiar dangling warty fruit which turns brilliant yellow then opens to disclose blood red seeds. Fine for trellises. Sow in Spring outdoors. Pkt. 10c.

MONKEY FLOWER (See Mimulus Tigrinus)

MOONFLOWER (See Ipomea)

MORNING GLORY (Convolvulus Major) (See Ipomea also) (HA-C, 10 ft.)

Fine for covering wire trellises, arbors, fences and verandas. Trumpet-shaped flowers in all beautiful clear colors. Attractive heart-shaped green leaves. Close at nightfall, open in early morning in full splendor. Sow seed February to March. Choice Mixed, Pkt. 10c.

MYSOTIS (See Forget-me not)



The Blue Poppy of Thibet
(*Meconopsis Baileyi*)

Nasturtiums for Gaiety, Pansies for Thoughts

MOSS ROSE (See Portulaca)

MUSK PLANT (See Mimulus Moschatus)

NEMESIA (HA, 8" to 12")

Too few gardeners know this bushy little plant which sends up countless slender stalks with dainty and fairy-like blooms, somewhat like the Schizanthus, excepting for the contrasting color on the lower lip. Sow indoors in Fall, and outdoors from February to May.

NANA COMPACTA (Blue Gem Improved), 8 in. Pretty forget-me-not blue; dwarf and compact; for borders and rockeries. Pkt. 20c.

NANA COMPACTA TRIUMPH MIXED, 8 in. A charming mixture of little gems in brilliant colors: habit that of Blue Gem. Pkt. 20c.

STRUMOSA GRANDIFLORA SUTTONI CHOICE MIXED, 12 in. Choicest large-flowered sort, glorified in English Gardens; shades of Blue, Cherry Red, Orange, Rose, Scarlet. Pkt. 15c.

NASTURTIUM (*Tropaeolum*) (TA)

Any old place, any old time after frosts, any old soil, they are always bright and cheery and abundant. Dwarfs are fine for window boxes, pots, edging or borders. Tall ones ramble over banks rockeries, fences, walls, or up trellises. Sow seed in the open after frosts are over. If you want more blooms than foliage, do not over-water or over-feed them. Striking in bowl arrangements.

TALL OR TRAILING VARIETIES, (Lobb's), 5 ft. The following are the best in each group and cover the full color ranges: **Butterfly**, sunflower yellow, spotted salmon pink; **Cloth of Gold**, fiery red, golden foliage; **Edward Otto**, lilac brown; **Jupiter**, large flowered golden yellow; **King Theodore** (Black Prince), Purple-garnet, dark leaved; **Regelianum**, purplish crimson; **Scarlet** (Spitfire), rosy-scarlet; **Shillingi**, yellow, potted maroon; **Vesuvius** or **Salmon Queen** (Regina) salmon rose; **Chamelon** (Coquette), choice mixture of rare colors; **Madam Gunther's Hybrids** in brilliant colors mixed. **Variegated Mixed** (Lobb's Queen Type), yellow, white and green variegated foliage. Pkt. 10c; oz. 20c; ¼ lb. 50c; 6 pkts. your choice, 45c. **Choice Mixture of all Tall Sorts**; Pkt. 10c; oz. 15c; ¼ lb. 40c.

DWARF (Indian Cress) (Tom Thumb) 12-16 in. The best of the compact growing types: **Aurora**, terra cotta; **Crystal Palace Gem**, sunflower yellow, spotted purple maroon; **Cloth of Gold**, scarlet yellow foliage; **Empress of India**, deep scarlet, dark leaved; **Golden King**, Indian yellow, dark leaved; **King of Tom Thumbs**, bright scarlet, dark leaved; **Vesuvius** or **Salmon Queen**, salmon rose; **Queen of Tom Thumbs**, variegated leaved choicest mixed. Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75. Six packets your choice of color, 45c. **Choice Mixture**, pkt. 10c; 4 ozs. 40c; 1 lb. \$1.25.

DOUBLE SWEET-SCENTED GOLDEN GLEAM (New), 1½-3 ft. The floral sensation of the year, the world over. No one has ever dreamed that the lowly Nasturtium could bask in the sunlight of fame. Large, double flowers of purest and most brilliant golden yellow. 2½ to 3 in. across, borne on stiff stems 6 in. long which stand well above the foliage. Plant forms a large, vigorous bush, throwing out runners averaging 18 in. And, not the least of its glory is the delicious fragrance it emits. Pkt. 20c.

NEMOPHILA INSIGNIS (Baby Blue Eyes) (HA, 6")
A California Native flower beloved for its sky-blue cup-shaped blooms with white eyes, about 1 in. across. Fine for low beds or as a ground cover in patches. Sow in the open in Fall or Spring. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

NICOTIANA (Flowering Tobacco) (HHA, 3 ft.)
Sweet-scented, tubular flowers, emitting fragrance morning and evening. Sow from February to May. Give plenty of room to spread.

AFFINIS HYBRIDA GRANDIFLORA MIXED (Tuberose-Flowered). Very fragrant. Bright colored blooms. Pkt. 10c; ¼ oz. 25c.

SANDERAE HYBRIDA MIXED. Rich crimson and other pleasing shades. Open all day. Pkt. 10c; ¼ oz. 30c.

NIGELLA DAMASCENA (Love-in-a-Mist) (HA, 1½ ft.)
Delicate ruff of petals form a rosette with tooth edges, dome-shaped pistil, surrounded by delicate wreath of needle-like fibres.

MISS JEKYLL, lovely corn-flower blue, coquettish flowers on long stems, fine for cutting. Sow in Fall outdoors. Pkt. 10c.

OENOTHERA LAMARCKIANA (Evening Primrose)

(HP, 2½ ft.)

Showy and attractive twilight blooming plant. Native of California. Brilliant yellow flowers on erect stalks, 3-4 in. across. Prefers light warm soil and requires little water. Thrive in sun or partial shade. Sow in Fall or Spring. Pkt. 10c.

PAINTED DAISY (See Pyrethrum)

PANSY (*Heartsease*) (HA, 6 to 8")

We have combed the world in search of the finest strains of these garden gems, therefore, in the list below will be found Pansies beyond compare. The very best strains will produce ordinary pansies unless their cultural requirements are taken into consideration. Seed must be sown in boxes, in composted soil that is loose and friable; well firmed and covered slightly, and kept in a cool dark place. Watch germination moisture carefully. Cover the newly sown seed with a newspaper or piece of burlap until it germinates. Plants must be transplanted to a sheltered bed or box about 1 in. apart, then again to the bed where they are intended to bloom. Soil must be enriched and deeply dug. Fertilize frequently during the growing period for giant blooms. Pansies do best when planted early in Fall to bloom in the cool of Spring. Hot weather reduces their size. Keep wilted blooms plucked to prolong their flowering season. (Seed sown in the early spring months will bloom in late spring and summer.) Viola culture is identical to that of pansies.

GIANT RUFFLED PANSIES—A remarkable strain of Pansies of unusually large size, with gorgeous ruffled petals like fluted velvet. Flowers are borne on strong stems well above the foliage and include new tints and blendings. Chas. C. Navlet Co.'s Mixture—Pkt. 35c.

NAVLET'S RAINBOW GIANTS. Prize winners everywhere shown. We believe this strain surpasses all others in range of color, enormous flowers, vigorous growth, massive foliage and thick stems. The texture of the flowers is velvety and thick, and under good culture will produce blooms from 3 to 4 in. across. Colors are superb, including highly prized rich blues, bronzes, golds, yellows, lavenders, reds, and interesting new combinations and shades; beautifully spotted, ruffled and blotched. Pkt. of 575 seeds, 75c; pkt. of 275 seeds, 50c.

JUMBO STRAIN. The largest blooms grown from this strain measured 4½ in. across. Under good culture they average 3½ in. across. Stems are thick and long; foliage large. Differing from the Rainbow Giants in that the thick, velvety texture, roundness of bloom, and the rich markings are absent. The colors, too, are decidedly different. Pkt. of 575 seeds, 75c; pkt. of 275 seeds, 50c.

NAVLET'S INTERNATIONAL MIXTURE. Magnificent 3 and 5 spotted blooms selected from Swiss Giants, Non Plus Ultra, Giant Cassier and Bugnot strains in gorgeous color combinations. Pkt. 35c; 1,000 seeds for \$1.50.

MASTERPIECE GIANTS. Selected for their frilled, curled and waved petals, and predominating rich, dark, velvety shades. Pkt. 25c; 1,000 seeds for 75c.

PARISIAN STAINED MIXED. Showy strain selected from Giant Trimardeous. Normally, the upper two petals are of one color, contrasting with another shade in the three lower beautifully blotched petals. Pkt. 15c; 1,000 seeds for 50c.

SWISS ROGGLI GIANTS. Separate Colors. The finest named varieties in pansies, mostly all five-blotched. Original strain. **Alpenglow**, striking bright garnet-red shades. Pkt. 50c.

Berna, (New). Rich shades of deep violet blue. Pkt. 75c.
Golden Prince (New). Pure golden yellow with black eye. Pkt. 75c.

Lake of Thun (Ullswater) (Thuner Sea Blue). Magnificent dark blue with blue-black spots. Pkt. 50c.

Mont Blanc (New). Clear white, lilac shading. Pkt. 75c.
Monte Rosa (New). Rich blood red and scarlet shades. Pkt. 50c.

Pure Gold (New). Pure golden yellow self. Pkt. 50c.
Formula Mixture. All Roggli colors. Pkt. of 575 seeds, 75c; pkt. of 275 seeds 50c.

TUFTED AND BEDDING PANSIES. (See Viola).



*Pansies Lift Up
Friendly Velvet
Faces*

A Page of Packets - A Garden of Dreams

PASSIFLORA (Passion Flower) (TP-C, 15 ft.)

Rapid, luxuriant climber for sunny spots. Five-lobed pointed leaves of rich green. Flower 2 in. across, is a ten-pointed star with central fringed ruff; pistil and stamens of delicate sky-blue, followed by decorative egg-shaped fruits. Sow seed February to March. Blue. Pkt. 10c.

PHACELIA CAMPANULARIA

(California Blue Bell) (HA, 8")

Clusters of bell-shaped vivid gentian-blue flowers with white anthers. Fine for edges. Sow in open, Fall or Spring. Pkt. 10c.

PENSTEMON (Beard Tongue) (HP, 1-4 ft.)

Bright colored two-lipped tubular flowers often with light colored or beautifully spotted throats. Many are using them like Snapdragons because they are not susceptible to rust. Should face the sun. Seed sown in boxes from January to March will give blooming plants in Spring and Summer.

BLUE GEM, 1-2 ft. Quite different from the large-flowered varieties. Plant slender with narrow foliage, but brilliant metallic blue stones for its size. Fine for rockeries. Pkt. 15c.

HYBRID GLOXINIOIDES, 3-4 ft. Giant, gloxinia-like type, best for the garden and cutting. Glorious carmine, red, rose, and violet shades. Mixed (Sensation) Pkt. 25c; 1/8 oz. \$1.00.

GRANDIFLORA CHOICE MIXED, 2-3 ft. Pleasing colors. Pkt. 10c.

BARBATUS NEW HYBRIDS (Chelone Barbatus) HP, 3 ft. Very hardy, Penstemon-like habit, producing long racemes of pretty pink and cerise flowers of various shades. Plant from May to September in boxes. Plants thrive in partial shade and soil not too dry, as they are natives of sunny places and damp woods. Pkt. 10c.

PETUNA (HHA)

Our best summer bedding plant. Unmatched for brightness of color, long blooming season, ease of culture, adaptability to dry spots. Sow early in spring indoors, or late in spring outdoors. Double ruffled and fringed varieties do not come entirely true, the weaker seedlings usually give the finest double flowers.

HYBRIDA NANA ERECTA, 18 in. Low-growing, profuse and long blooming type used for edgings, borders and massing. Small, single blooms of exquisite beauty. **Rosy Mora**, extra select soft rosy-pink with white throat; **Viola**, the best deep violet; **Fine Mixed** of all colors; Pkt. 10c; 1/8 oz. 50c.

HYBRIDA PANDULA (Balcony Type), 15 in. Best for trailing over terraces and window boxes. Spreading instead of bushy. Rose, red, deep blue, and white. **Choice Mixed**. Pkt. 15c.

GRANDIFLORA FIMBRIATA (Single Giant Ruffled and Fringed), 12 in. Largest singles, 3 to 4 in. across, fringed or ruffled edges, unusually veined throats. Gorgeous, rich colorings. **Pride of Portland**, deep rose, Pkt. 35c; **Romany Lass**, coppery crimson, dark throat, Pkt. 50c; **Theodosia**, rosy pink with gold throat, Pkt. 50c; **Best Mixed**, Pkt. 35c.

RUFFLED GIANTS OF CALIFORNIA, 12 in. Incomparable in size, beauty and luxuriance. Deep fluted blooms 4 to 5 in. across, with blotchings, stripings and veinings of yellow, white, black and maroon. Well balanced mixture of light and dark shades, including pinks and rose. Pkt. 25c; 1/64 oz. \$1.25.

RUFFLED DWARF GIANTS OF CALIFORNIA (Ramona Strain), 6-9 in. Selection of half-dwarf Ruffled Giants, with wide open, shallow throats, in desirable red and dark shades, richly marked and veined. Pkt. 35c.

SUPER GIANT DOUBLE FRINGED MIXED, 12 in.

(New.) The last word in gorgeous double fringed petunias. This strain by actual count has given 62% of large full fringed doubles, 21% semi-doubles, and the balance carnation-flowered and singles—a total of 83% of double and semi-double flowers. Pkt. 75c.

GIANT DOUBLE FRINGED MIXED, 12 in. This strain produces a good percentage of true, perfectly double fringed flowers in a wide variety of colors and shades. Pkt. 50c.

PHYSALIS FRANCHETTI

(Chinese Lantern Plant)

(HP, 1 1/2 ft.)

Suggestive of the Orient. Flaming lanterns, unique in form arranged along stiff stems. Pods do not usually develop until second year. Sow in boxes from February to April. Pkt. 10c.



Phlox is Developed in Magnificent New Varieties

PHYSOSTEGIA VIRGINICA

(False Dragon Head) (HP, 3 ft.)

Wand-like stems with narrow pointed leaves; tapering floral spikes 6 to 8 in. long bearing rows of small rosy-lilac tubular florets set on four sides. Fine for the border and cutting. Sow in boxes from September to November, January to April. Pkt. 15c.

PHLOX DRUMMONDI (HA, 1 ft.)

Most beautiful of all annuals for beds and massing. Broad clusters of five-petaled flowers, in brilliant colors; flowers freely all Summer. An excellent follow-up to the spring flowering bulbs. Sow in Fall or Spring. Thin to 6 in.

NAVLET'S PRIZE STRAIN. An imported French Strain, unequalled for size, and brilliant colorings. Pkt. 15c; 1/4 oz. 50c.

GRANDIFLORA. Fine, large-flowered varieties, profuse blooming, bright colors. **Yellow; Lilac; Rose; Rose, dark eye; Scarlet;** Pkt. 10c; 1/4 oz. 50c. **Fine Mixed**, Pkt. 10c; 1/4 oz. 40c; oz. \$1.25.

CUSPIDATA (Star Shaped). Petals have fringed or toothed edges, dark centers, and margins of different shade, like twinkling stars. Otherwise, same as Grandiflora. Pkt. 10c; 1/4 oz. 40c.

PHLOX DECUSSATA (HP, 3 ft.)

Individual blooms same as the annual, but arranged in panicles instead of clusters. Bright colored flowers of white, salmon, scarlet, lilac, purple, etc. Sow seed in boxes indoors in fall. Erratic and slow in germination. **Choice Mixed**, Pkt. 15c.

PIN CUSHION (See Scabiosa)

PINKS (See Dianthus).

POORMAN'S ORCHID (See Schizanthus)

POPPY (Annual Varieties)

Sow in the open ground any time from January to April, as they do not stand transplanting. Mix seed with sand to avoid sowing it too thick. Firm seed into soil and cover lightly. Thin plants 3 to 4 in. apart.

SHIRLEY, SINGLE, HA—1 1/2 ft. The original of this strain is the Flanders Field Poppy of the World War. Deeply cut foliage; slender hairy stems; silky petaled, often fluted, blossoms. **American Legion**, Dazzling scarlet with white cross at center. **Improved wild Flanders Poppy**. Pkt. 10c; 1/2 oz. 25c. **Choice Mixture** of single Shirleys. Pkt. 10c; 1 oz. 30c.

DOUBLE SHIRLEY, BEGONIA FLOWERED, HA—1 1/2 ft. Habit same as the single, but charming double and semi-doubles in lovely colors. **Eldorado Double Mixed**, Pkt. 10c; 1/2 oz. 25c. **Sweet Briar (New)**. Delightful shade of deep Rose-pink, full double blooms resembling large double begonias. Pkt. 25c.

POPPY (Perennial Varieties)

Their gorgeous coloring comes to the help of the garden at a time when the spring burst of flowers is waning. Sow in Fall in boxes, or outdoors in early spring.

ICELAND (Nudicaule) HP 1 1/2 ft. Neat tuft of finely cut leaves, with bare wiry stems



These Ruffled Giants of California Are Petunias of Unrivalled Beauty

and cup-shaped single, crush-satin-like blooms in unceasing succession from June to October. Fine for cutting. Shades of yellow to chamolis, orange, and salmon. **Coonara Pinks (New)** shades of glorious pink, Pkt. 25c; **El Monte**, deep tangerine shades, Pkt. 15c; **Sunbeam Mixture** of all shades, Pkt. 15c.

ORIENTALE, 2-3 ft. The majestic member of the Poppy Family, magnificent foliage, sturdy stems, huge cup-shaped flowers, 6 in. across with crinkled petals, and large decorative pods. **Scarlet** with conspicuous black blotches. Pkt. 10c; **Hybrids Mixed**, scarlet, rose, lavender, orange, etc., Pkt. 10c.

MISCELLANEOUS: BLUE POPPY OF THIBET (See Mecynopsis); **CALIFORNIA POPPY** (See Eschscholtzia); **MEXICAN TULIP POPPY** (See Hunnemannia); **SANTA BARBARA POPPY** (See Hunnemannia).

Shy Little Primrose and Flaming Salvia

PORTULACA (Moss Rose) (Sun Plant) (HA-R, 6 in.)

A garden gem for a dry sunny spot, rockery, or bank. Fleshy stems often tinged red. Small needle-like leaves give a mossy appearance. Glossy single and rose-like double flowers, 1 in. across in yellow, scarlet, white and rose. Mix with sand and broadcast in Spring. Single Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c; Double Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 75c.

PRIMULA (Primrose) (HA, 10-12 in)

MALACOIDES (Fairly Primrose). A dainty plant in the open border. Small, light-lilac blooms, early and profuse. Sow in boxes from August to February. Do not force with heat. Fine for bouquets. Lilac, Pkt. 15c; Superba (New) improved variety with deep rosy pink blooms. Pkt. 25c.

PRIMULA (Primrose) (P)

Some are tender house plants; others are hardy and do well in rich soil and partial shade in the open.

CHINENSIS FIMBRIATA (Chinese Fringed) TP, 10 in. Make beautiful pot plants for winter blooming. Heart-shaped leaves with toothed edges. Fringed petals of white-lavender, salmon, and rose to crimson. Sow from April to June in seed pans in light soil. Shift pots as they grow. Pkt. 35c.

OBCONICA GIGANTEA TP, 9-12 in. Magnificent hybrids, eclipsing the old grandiflora, splendid large flowers of white, rose, crimson and blue. Extremely free-flowering. Sow seed from February to July for Autumn and Winter Bloom in a porous loam without peat or leaf mould. Flowers, from $1\frac{1}{4}$ to $1\frac{1}{2}$ in. across borne in clusters up to 4 in. across. Fine in the open border during Summer. Pkt. 25c.

VULGARIS COERULEA (Blue Primrose) HP, 4 in. A rare variety. Delights in a cool rich soil in semi-shaded position. Shades of blue range from pale, to medium, to deep, becoming purplish the second year. Treat the same as the Polyanthus. B & L Strain in Originators' packets, 40c.

EVENING PRIMROSE (See Oenothera)

PRIMROSE, POLYANTHUS (Primula Veris) (HP-R, 6-9")

Produce handsome rosettes of leaves with lovely velvety flowers in rich assortment of colors. Treasures in the rockery or in a low permanent border. Among the earliest of spring flowers to bloom. Sow seed in boxes in Spring and keep cool and moist. Transplant to partially shaded position. Very hardy. Mixed Pkt. 15c. B & L's Superb Strain Choice Mixed, Pkt. 40c; B & L's Superb Flame, from orange to vivid scarlet, Pkt. 40c. (Note: We offer these world-famous B & L strains in Originator's sealed packets.)

PYRETHRUM (HP, 10 in. to 2 ft.)

A cousin to the Chrysanthemum. Very hardy and deserving of a place in every garden.

AUREUM (Golden Feather) (Feverfew) 10 in. Golden leaved bedding plant with small white blossoms, used mostly for the contrasting effect of foliage. Sow in boxes from September to March. Pkt. 10c.

ROSEUM (Painted Daisy) (Painted Lady) 2 ft. Large daisy or cosmos-like blooms with golden centers on long stems above fern-like foliage. Beautiful in the garden and fine for cutting. Shades range through tones of pink, rose and red. Usually supplies two crops of flowers. Sow seed in boxes to transplant from September to March. Choice Single Mixed, Pkt. 15c.

RANUNCULUS ASIATICUS (Buttercup) (10-15 in.)

Flowers of silky texture 2 in. across on erect stems. Glorious for Spring bedding and cutting. Shades of yellow, orange, and red. Easily grown from seed sown outdoors from March to June, September to November for bloom next Spring.

SUPERBISSIMUS, FRENCH MIXED, good percentage of semi-doubles and doubles. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

RAGIONERI STRAIN (New). The best and most glorious of all; very large double flowers in beautiful colors. Pkt. 25c.

REHMANNIA ANGULATA (HHP, 3 ft.)

PINK PERFECTION, beautiful large rosy-mauve tubular flowers with spotted throats. Glossy, bronzy-green foliage very attractive. Easy to grow from seed sown in boxes from June to November. Likes Partial shade. Pkt. 25c.



This Gorgeous Bloom is the New Scabiosa Columbaria

RHODANTHE (Everlasting) (HA, 2 ft.)

MACULATA CHOICE MIXED. Among the best of everlastings. Gather the rose and white blooms before fully open and hang by stems in shade to dry. Sow from February to May. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

RICINUS (See Castor Bean)

SAINTPAULIA IONANTHA (African Violet) (See Novelties Page 32)

SALVIA (Flowering Sage) (1½ to 4 ft.)

Showy, hardy plants of medium growth and easy culture. Flowers are borne in spikes, racemes, or panicles and are very attractive during the summer months. They may be treated as annuals as they bloom the first season from seed started in boxes from June to November; or February to May outdoors.

AZUREA GRANDIFLORA (Azure Sage) HP, 3-4 ft. Blooms from September to October. Stately willow-like growth, spikes of pale blue flowers in profusion. Fine for massing in sun. Pkt. 15c.

BONFIRE (Clara Bedman) HHP, 2 ft. Extra early type of scarlet sage. Makes dazzling masses and low hedges. Pkt. 10c.

FARINACEA (Mealy-cup Sage) HP, 2-3 ft. Slender spikes ringed at intervals with small tubular light blue florets. Pkt. 10c.

SPLENDENS "HARBINGER". HHP, 16 in. (New). Seed sown in February will produce dazzling bright scarlet blooms from June, till frost. Plants dwarf and compact. Pkt. 20c.

SALPIGLOSSIS (Velvet Flower) (Painted Tongue) (HHA 3-4 ft.)

Lily-like trumpet-shaped blooms in shades of blue, brown, red, purple, rose, violet with gold veinings in the throats, rise on slender wiry stalks. Fine for cutting. Of easy culture. Sow from February to May.

SUPERBISSIMA (Emperor Strain). Prolific blooming large-flowered strain in all colors mixed. Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

GLOXINIAFLORA (Veined). Selections from the Emperor Strain of the most beautiful veined varieties. Pkt. 15c; $\frac{1}{4}$ oz. 40c.

SAND VERBENA (See Abronia)

SATIN FLOWER (See Godetia)

SCARLET RUNNER BEAN, (HA, 10 ft.) (See "Pole Beans" Page 16)

SEA DAHLIA (See Leptosyne)

SEA LAVENDER (See Statice)

SEA PINK (See Armeria)

SHASTA DAISY (See Chrysanthemum Leucanthemum)

SIBERIAN WALL FLOWER (See Cheiranthus)

Summer and Winter, Here's Garden Bloom

SCABIOSA GRANDIFLORA (Sweet Scabious) (Pin Cushion) (HA, 3 ft.)

The terminal blooms, 2 in. across, are composed of compactly set tubular florets with dome-shaped centers, with long stamens much as though pins were stuck into a cushion. Fragrant flowers in abundance, prized for garden effect and cutting. Sow in Fall in boxes and outdoors in Spring. **Ageratum Blue; Fire King, rich rosy crimson; Choice Mixed of all colors; Pkts. 10c; ¼ oz. 30c. Loveliness (New), gorgeous salmon rose shades. Pkt. 25c. Peach Blossom, peach blossom pink; Shasta, enormous pure white. Pkts. 15c; ¼ oz. 40c.**

SCABIOSA (HP)

CAUCASICA (Blue Bonnet), 3 ft. The best new strain. Longer and stouter stems; flowers 1/3 larger; more vigorous in growth generally. Shades of very light lavender to dark blue. Bloom is made up of an outer row of ruffled and fringed petaled florets and centers of tubular petals. Sow seed in boxes from September to November, February to April. **Isaac House Giant Hybrids Mixed, Pkt. 25c.**

COLUMBARIA (Anthemifolia) 2 ft. The new South African form of Scabiosa. Distinct in type, hardy, low-growing with fine, light-green foliage; rosy-lavender blooms 2 to 2½ in. across, with short, compact petals, borne on long, strong stems. Beautiful in the garden, glorious in the vase. Blooms all summer long. Treat same as Caucasica. **Pkt. 20c.**

SNAPDRAGON (Antirrhinum) (HA 2-3½ ft.)

A justly popular flower which can be used in so many garden situations. Excellent for cut flowers, too. Nip off faded spikes to prolong blooming season. Sow in boxes, fall or spring. Early blooms usually escape rust infection.

MAXIMUM (Super Giants) 3½ ft. A marked advance, surpassing all strains in height, with long spikes of gigantic flowers, closely set. Magnificent for cutting. Seven colors: **Apple Blossom, soft rosy pink with white tube; Canary Bird, canary yellow, golden yellow center; Copper King (Indian Summer), velvety bronzy copper-scarlet; Old Gold, rose on deep golden yellow; Purple King, deep garnet, dark foliage; Snowflake, dazzling white, yellow lip; The Rose, rich begonia rose; Formula Mixed, blend of the above colors. Collection of 7 named varieties, 85c. Separate colors, 15c each.**

TWO LOVELY NEW GIANT VARIETIES

Autumn Glow, lovely old rose, shaded terra cotta, with golden lip. Superior or "Harmony," the old favorite. General effect soft autumn tones. Fine flower spikes, vigorous grower. Pkt. 25c.

Salmon Rose, most beautiful shade of salmon combined with the begonia rose shade that made "The Rose" so popular. Vigorous habit; immense flowers, closely set on spikes. Pkt. 20c.

MAJESTIC STRAIN (Half Dwarf) 2 ft. Sensational English introduction; imported seed. A new race, not too tall, for bedding and forming bold groups in large borders. Massive, closely set spikes of elegant shape, flowers often 2 in. across at top. Exquisite new colorings, gorgeous for cutting: **Eldorado, deep golden yellow, very rich; Golden Dawn, golden buff overlaid with salmon. Great improvement over Majestic Orange King in every respect; Red Chief, a rich, deep scarlet, bright and large; Rose Marie, light salmon rose, golden center; Sunset, exquisite combination of bright terra cotta, gradually shading downwards into rosy salmon; Twilight, delicate apricot, old gold and salmon; Majestic Formula Mixed, blend of the above gems. Collection of the above 6 named varieties for \$1.00; Separate Pkts. 20c.**

ta, gradually shading downwards into rosy salmon; Twilight, delicate apricot, old gold and salmon; Majestic Formula Mixed, blend of the above gems. Collection of the above 6 named varieties for \$1.00; Separate Pkts. 20c.

THREE EXQUISITE MAJESTIC VARIETIES

Majestic Avalanche, snowy pure white blooms. Pkt. 25c.

Majestic Delight, delicate salmon pink, shading to apricot with golden yellow center. Perfect specimen. Pkt. 25c.

Majestic Rose Beauty, a brilliant rose pink self. Pkt. 25c.

SNAPDRAGON, Perennial (See Linaria)

SNOW ON THE MOUNTAIN (See Euphorbia)

STOCKS, DOUBLE (Gilliflower)

We list only the strains producing highest percentage of doubles. Very fragrant handsome spikes of rosette-like blooms on strong stems, in vivid and delicate shades to suit every taste for decorating the garden, or for bouquets. By a selection from the varieties below, it is possible to have them in bloom almost continuously from seed sown in boxes. Discard the strong seedlings and plant the weaker ones close enough so occasional singles may be pulled unnoticed in the mass.



Stocks Will Flower the Year Round

DWARF TEN WEEKS (Summer Blooming), HA, 12 to 15 in. Compact habit makes them fine for edgings or low beds. Flower quickest; very profuse blooming. Sow seed in boxes in Spring for Summer bloom. **Blood Red; Bright Pink; Canary Yellow; Deep Rose; Flesh; Lavender; Purple; White. Collection of 8 pkts. 70c; Separate 10c. Choice Mixed of all colors; Pkt. 10c; ¼ oz. 40c.**

MAMMOTH BEAUTY OF NICE (Summer and Winter) HA, 18 in. Percentage of giant double flowers is very large and flowering season very long. Branching habit and immense flower spikes. This magnificent class was developed in the French Riviera. Sow seed in boxes, from June to September for Winter bloom or from February to May for Summer bloom. The Improved Strain we offer is now recognized as one of the most valuable of Stocks for cutting and for general use. **Canary Yellow (Monte Carlo); Carmine Rose (Abundance); Crimson (Souv. de Monaco); Deep Blue (Summer Night); Flesh Pink (Beauty of Nice); Old Rose (Belle de Naples); Pale Violet or Lavender (Parma Violet); White (Mont Blanc). Collection of 8 pkts. \$1.00. Separate 15c. Formula Mixed of the above sorts, Pkt. 15c. Fine Mixed, Pkt. 10c.**

GIANT PERFECTION CUT-AND-COME-AGAIN (Summer and Winter) HA, 24 in. Splendid perpetual blooming class, slightly later than the Improved Double Mammoth Beauty of Nice Stocks, and a bit taller. Sow June to August for Winter and January to April for Summer bloom. Superbly double and branching. * Indicates RHS Award of Merit. **Canary Yellow (Creole*); Rose Pink (Rose*); Rose shaded terra cotta (Heathen Beauty); Silvery Lilac (Empress Augusta Victoria*); Formula, all colors, Pkt. 15c; ¼ oz. 50c.**

EARLY GIANT IMPERIAL (Improved Bismark) Summer Blooming) HA 24 to 30 in. Very early Giants of branching habit, with long stems and impossible spikes, unsurpassed in percentage of fragrant doubles. Less spreading and considerably taller than the Nice or Perfection sorts, but as early as the Nice. Seed sown in boxes from January to April will bloom from mid-summer till frost. **Canary Yellow (Golden Ball); Chamois, ivory tinted old rose; Dark Blue; Fiery Blood Red; Flesh; Lavender; Rose, deep rose pink; White; Choice Mixed. Pkts. 15c; ¼ oz. 60c. 8 pkts. \$1.00.**

FOUR SUPERB NEW GIANT IMPERIAL STOCKS

Antique Copper, rich Hellebore red, overlaid copper. Pkt. 25c. Elk's Pride, Intense royal purple, sweet-scented. Pkt. 25c. Golden Rose, rich light rose with golden centers. Pkt. 25c. Old Rose, A beautiful shade of the popular old rose. Pkt. 25c.

DOUBLE EMPEROR OR BROMPTON (Winter Blooming) HHB, 20 in. Late blooming sort, short massive spikes for bedding effects and cutting. Winter-hardy on light, well-drained soils. Sow in boxes from June to October. **Crimson King, deep crimson; Egyptian, rose; Empress Elizabeth, bright carmine; White Lady, very double, pure white; Formula Mixed. Pkts. 15c; ¼ oz. \$1.00.**

EVENING-SCENTED STOCK (See Matthiola Bicornis).

VIRGINIAN STOCKS (See Page 51).



Salvia Harbinger is a Brilliant New Variety



Sweet Peas, Exquisite as Orchids

Delicately frilled, delightfully fragrant, with a subtle blending of color that fills house and garden with a harmony of beauty



Sweet Peas, Cut for Vases, Fill the Home with Delicate Fragrance

Every garden, every tiny plot of home, has somewhere a spot for Sweet Peas. They are so easy to grow, they flower so abundantly, they return such a rich reward of beauty and fragrance for the little attention they require that every flower lover will want to include them in the garden ensemble. In nearly 50 years as Seedsmen, we have developed many choice strains of unusual beauty which we offer in a wealth of separate colors or in mixed packets of rainbow harmony.

PLANTING SEASONS

Early Flowering Sweet Peas: Sow from August to November for Winter and early Spring bloom. Planted at the same time as the Summer Flowering varieties, they will bloom from four to six weeks earlier, thus insuring a longer flowering season.

Summer Flowering Sweet Peas: Sow in succession from October to April for Spring and Summer bloom.

CULTURAL DIRECTIONS

Sweet Peas can be planted in the same spot only if the soil is heavily enriched each year, since they exhaust the average soil of its natural plant food in one growing season. Deep digging, at least 10 inches, and thorough mixing in of a liberal amount of *Gro-Zit Pulverized Sheep Manure*, *Bonemeal* and *Calcium Sulphate* is essential. The soil must be thoroughly pulverized when plant food is mixed with it, and then thoroughly soaked. As soon as the soil has dried sufficiently so as not to be sticky or wet, the seed may be sown in the trench, covered with not more than one or two inches of soil which must be firmed. At this stage, two fatal mistakes are frequently made: Seed sown in wet soil will rot; watering during period while seed is coming through, will often rot it. Heavy drenching rains immediately after sowing have the same effect as over watering and will frequently rot the seed. (The blues, reds, and lavenders have harder seed coats than the other shades and therefore are slower in germination. Some nick the seed coats with a file or knife to hasten germination, others soak them overnight before planting.) Thin plants from 6 to 8 inches apart; and provide wire netting, string or other support when they have reached 6 in. in height. In the early stages of growth, protect the plants against *Aphis*, soil pests and birds. Increase watering during growing and blooming period. If you want long-stemmed, large-flowered Sweet Peas, apply liquid manure weekly, or *Loma* or *Ammo-Phos* every two weeks on appearance of the first buds. The blooming season can only be prolonged by daily picking. Never permit the surface soil to form a crust.

Summer Flowering Spencers

A kaleidoscope of color in these pure Spencer strains

Those marked (*) are considered the best in their color group

Price of all varieties listed below, Pkt. 10c; oz. 35c; ¼ lb. \$1.00

- BLUE:** *Blue Bird**, a pure blue.
Mrs. Tom Jones, a large, clear blue.
 (Dark)—*Fortune**, rich dark blue.
- BLUSH:** (Pink)—*Valentine**, delicate shell pink.
- CARMINE:** *Doreen**.
- CERISE:** (Rose)—*Charming**.
 (Salmon)—*Mrs. A. Searles**.
 (Scarlet)—*Flamingo**, cerise shading to scarlet.
*Grenadier**, geranium red.
- CREAM:** *What Joy**.
- CREAM PINK:** (Light)—*Mary Pickford**, pink, suffused with salmon.
 (Deep)—*Picture*, giant cream pink.
- CRIMSON:** *Crimson King**, rich glowing crimson, largest of all reds.
King Edward, large blood red.
- LAVENDER:** (Rosy)—*Austin Frederick Improved*, finest pure lavender.
Asta Ohn, mauve-lavender.
 (Light)—*Wembley**, lavender suffused with plum-bago blue.
 (Lilac)—*Powerscourt**, lilac-lavender.
- MAROON:** *The Sultan**, rich velvety maroon.
Warrior, rich chocolate maroon, flushed with bronze.
- ORANGE:** (Deep)—*Prince of Orange*.
*Pirate Gold** (Novelty), See Page 49.
 (Pink)—*Royal Pink**, orange-pink.
George Shawyer, giant salmon-rose.
 (Scarlet)—*Manmoth**, blazing orange-scarlet.
Defiance, orange-scarlet, absolutely burnless.
- PICOTEE:** (Light Ground)—*Sunkist**, large cream, picotee rose.
Youth, large white with pink picotee edge.
- PINK:** (Pale)—*Supreme**, pale pink.
 (Deep Rose)—*Pinkie*, deep rose pink.
*Rosie** (Novelty) See Page 49.
Countess Spencer, clear pink.
 (Deep Salmon)—*Del Monte**, salmon-cerise pink.
Hawlmart Pink, pelargonium pink.
- PURPLE:** *Olympia**, deep rich purple.
Royal Purple, rich royal purple.
- ROSE:** *Sunset**, bright rose, amber ground.
- SCARLET:** *Ruddigore**.
Huntsman, bright scarlet.
Campfire, brightest sunproof scarlet.
- WHITE:** *Avalanche**.
King White, giant pure white.
Constance Hinton, large white, black seeded.
 (Tinted) *Model**.

For Summer Flowering Novelties and Special Package Collection, See Opposite Page



All The Colors of the Rainbow Here

Separate colors, mixed packets, and choice collections

THREE BEAUTIFUL NOVELTIES IN SUMMER FLOWERING SPENCERS

BON-BON—Rich pink with a glorious shading of amber combined with great vigor of growth, tremendous length of stem and flowers of enormous size. Pkt. 25c; 5 pkts. \$1.00.

PIRATE GOLD—Golden Orange; quite a new shade, lighter than Prince of Orange. Withstands hot California sun better than any other variety in this color class. A strong vigorous grower, the flowers well formed. Pkt. 25c; 5 pkts. \$1.00.

ROSIE—Deep rose-pink; richer and deeper in color than Pinkie, with all the vigor and robustness necessary to make it superior to all others in the rose-pink class. Pkt. 25c; 5 pkts. \$1.00.

CHOICE MIXED PACKETS

EARLY FLOWERING SPENCERS. We list only the finest varieties, therefore our mixture is the best obtainable, regardless of price. It is carefully blended to give the correct proportions of the various colors for the most brilliant and pleasing mass effect. Large Garden Packet, 10c; Mammoth Garden Packet 25c; 1 oz. 40c; ¼ lb. \$1.20, postpaid.

"HARMONY MIXED" GIANT SUMMER FLOWERING SPENCERS. A formula blend for the discriminating fancier of the finest in flowers. All of the heavier colors have been eliminated and only the nicely frilled named varieties in delicate and scintillating pastel shades which produce the longest, stoutest stems and a high percentage of fours, are included. Mammoth Garden Pkt. 50c.

SUMMER FLOWERING SPENCERS. We have chosen only the largest and choicest varieties—magnificently edged, mottled, blotched, blended and flaked types in a wonderful range of colors. Large Garden Packet, 10c; Mammoth Garden Packet 25c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50. Postpaid.

"50 FEET FOR 50". See below.

EARLY FLOWERING SPENCERS

Plant in September, and they'll bloom by Christmas in Mild Districts. Here are three glorious new varieties.

EARLY FASCINATION. A child of two famous parents, Early Jeanne Mamitsch plus Late Hawlmark Pink. A combination of color, vigor and stems bred for the Salmon Rose-Pink of Hawlmark Pink plus the long, strong stems that make Jeanne Mamitsch so popular. Better in every way than its parents. Pkt. 25c; 5 pkts. \$1.00.

EARLY MISS ANNIE LAURIE—Constitutes the richest tone of pure Rose-Pink ever produced in a Sweet Pea. Several shades richer than Majestic Rose or Zvolanek's Rose. A marvelous improvement over these two. Long stems throughout the blooming period, and fours of course, and it is an abundant, prolific and continuous bloomer. Pkt. 25c; 5 pkts. \$1.00.

EARLY SATIN ROSE—Cross between Imperial Pink plus Late Venus. Flowers are large and beautifully shaped and the wings are in perfect proportion to the standard. Color is an exquisite blend of Rose and Amber with quite a strong touch of Salmon. Perfect in form, long stems. Pkt. 25c; 5 pkts. \$1.00.

OTHER POPULAR EARLY FLOWERING VARIETIES

EARLY APOLLO: Soft salmon cerise, long stemmed. Pkt. 15c.

EARLY AVIATOR: Dazzling crimson scarlet. Pkt. 10c.

EARLY BRIGHT LIGHT: Flaming scarlet. Pkt. 10c.

EARLY BURPEE'S ORANGE: deep orange. Pkt. 10c.

EARLY FANDANGO (Duplex): Bright rose. Pkt. 15c.

EARLY GIANT ROSE: Rose Pink. Pkt. 10c.

EARLY GLITTERS: Cerise. Pkt. 10c.

EARLY HARMONY: Clear lavender. Pkt. 10c.

EARLY IMPERIAL PINK: Large clear pink. Pkt. 10c.

EARLY JEANNE MAMITSCH: Rose pink, long stems. Pkt. 10c.

EARLY PAL: Rosy crimson, long stems. Pkt. 15c.

EARLY SNOWSTORM IMPROVED: Pure white. Pkt. 10c.

EARLY SPRINGSONG: Salmon pink, on cream. Pkt. 10c.

EARLY WHITE HARMONY: White, black seeded. Pkt. 15c.

EARLY ZVOLANEK'S ROSE: Giant rose pink. Pkt. 10c.

EARLY MAJESTIC ROSE: Brilliant rose pink. Pkt. 20c.

Ten packets of the 10c sorts for 75c, postpaid. Eighteen packets of the 10c sorts for \$1.25, postpaid. All 10c sorts: 60c oz.; ¼ lb. \$1.75; All 15c sorts: 75c oz.; ¼ lb. \$2.25. 20c sorts; 90c oz.; ¼ lb. \$2.70.

SPECIAL PACKAGE COLLECTION

Choose your own favorite from among the varieties of Summer Flowering Spencers listed on the opposite page. Full size packets, your own selection of colors, at the following special group prices:

- 10 Varieties, separate pkts.....\$.75
- 15 Varieties, separate pkts..... 1.00
- 35 Varieties, separate pkts..... 2.50

"50 FEET FOR 50c"

A famous collection of seven Large Garden Packets of distinct shades, each variety being in our judgment among the best in its particular color group. No two alike. Enough seeds to give you 50 feet of Sweet Pea loveliness. Ideal for the Sweet Pea enthusiast who wishes separate colors.

7 packets, all different, 50c



Standing Erect on Their Tall, Strong Stems, the Spencers Lift up Heads of Ruffled Beauty

Flowers, Like Frocks, Follow the Fashion

SCHIZANTHUS (Poor Man's Orchid) (Butterfly Flower) (TA, 18")

Myriads of dainty blossoms like butterflies or tiny orchids completely obscure the fern-like foliage, making a veritable pyramid of the most delicate, airy and charming bloom. Decorative in the garden, exquisite as a pot plant. Comes into bloom in a few weeks from seed sown from February to June for garden bedding, and, from July to September for pot culture.

WISETONENSIS EXCELSIOR STRAIN. New and bright colorings, from white through bluish and pink to carmine-brown, upper lip mostly suffused yellow. Pkt. 25c; ¼ oz. \$1.00.

GRANDIFLORA HYBRIDS MIXED. A splendid mixture in bewildering range of color. Pkt. 10c; ¼ oz. 30c.

STATICE (Sea Lavender) (Everlasting) (HP, 2 ft.)

Very good for the garden border; and for cutting, either in the green or dried state. Thrives in poor soil, in sun. Sow seed from September to April in boxes.

CASPIA (Bigleaf Statice). Large branching heads of delicate pale lavender flowers; for perennial border and cutting. Pkt. 15c.

SINUATA (Florists' Type). Stiff stalks, with blossoms graduated in rows. Blues, lavender, rose, yellow, white, Mixed Pkt. 10c.

SOKESIA CYANEA (Stoke's or Cornflower Aster) (HP, 24")

Some plants bearing 20 to 30 lavender-like blooms that appear to be a cross between a china aster and a giant cornflower. Sow from September to November, February to April in boxes. Pkt. 10c.

SUNFLOWER (See Helianthus)

SWEET SULTAN (See Centaurea)

SWEET WIVELSFIELD (See Dianthus)

SWEET WILLIAM (Dianthus Barbatum) (HP, 2 ft.)

Equals the Snapdragon and Wallflower as an attractive bedding plant. Rich, brilliant colorings. Handsome broad clusters of blossoms like little Pinks with delicately fringed petals. Sow seed September to November, January to April for bloom the following year.

GIANT SINGLE MIXED. Clusters 3 to 4 in. across of gayly colored, fringed, disc-like blooms. Crimson, maroons, scarlets, salmon-rose, white. Pkt. 10c; ¼ oz. 25c.

GIANT DOUBLE FLOWERING MIXED. Similar in habit and form to the singles, but flower longer. Pkt. 10c; ¼ oz. 50c.

HOLBORN GLORY MIXED (Auricula Eyed). The beautiful, and most admired of all sorts. Individual flower trusses are immense. White-eyed flowers in rich light shades. Pkt. 10c; ¼ oz. 30c.



Venidium Fastuosum
Strikes a Bold Note
of Color Daringly
Modern
See Page 51

TAGETES, SIGNATA PUMILA (See Marigold)

THALICTRUM DIPTERIOCARPUM (Meadow Rue) (HP, 4 to 5 ft.)

Hardy garden gem. A lightness and elegance prevails in this plant; fern-like dainty foliage; and charming violet-mauve blooms with just a touch of yellow. Thrives in poor soil in sun. Sow seed in boxes from January to April, September to November. Pkt. 25c.

THUNBERGIA CHOICE MIXED (Black-eyed Susan) (HA-C, 4 ft.)

Ornamental creeper. Fine triangular leaves and quantities of tubular flowers 1 in. across in buff, deep orange with black centers. A fine ground cover in sunny spots, banks, etc. Pkt. 10c.

TIGRIDIA PAVONIA (Mexican Shell Flower) (HP, 2 ft.)

Brilliant lily-like blooms of striking and unusual beauty. Three petalled cup-shaped blooms, with tiger spotted throats, from salmon to pink. Blooms continuously during summer. Sow seed from August to November, January to April. Bulbs 20c each; \$2.00 doz. Seed 25c pkt.

TITHONIA (Mexican Sunflower) (HHA, 5 ft.)

Dazzling orange-vermillion single blooms on tall branching stalks. A sensationally beautiful flower much overlooked. Thrives in hot sun. Sow seed after frost in boxes and transplant. Pkt. 15c.

TRANSVAAL DAISY (See Gerbera)

TROPAEOLUM CANARIENSIS (Canary Bird Vine)

TA-C, 15 to 20 ft.)

Unique rapid growing climber with delicately cut leaves. Curious bird-like blooms with long fringed wings of pure yellow, in profusion. Likes sun. Sow seed after frost. Pkt. 10c.

TOWER OF JEWELS (See Echium)

TROLLIUS LEDEBOURI (Globe Flower) (See Page 32)

URSINIA ANETHOIDES (New) Dwarf (HA, 1 ft.)

Brilliant orange-colored Daisy-like annual, with finely cut foliage. The 2 in. blooms have striking purple zones around centers. Long wiry stems make it fine for cutting. Sow in boxes from February to April. Transplant to a warm sunny spot. Pkt. 25c.

VALERIAN (Garden Heliotrope) (HP, 2 ft.)

Vigorous plants that require little attention, doing well in sun or partial shade. Feathery clusters of sweet-scented rose, red, and white florets. Sow from February to April, September to November. Choice Mixed, Pkt. 10c.

VELVET FLOWER (See Salpiglossis)

VERBENA HYBRIDA (Vervain) (HHP, 8")

These ever popular dwarf creeping plants produce fine clusters of star-shaped blossoms with rounded, lobed petals. Colors are refreshing in their brilliancy, adding a dash of color to sunny bare spots. Sow from August to September and February to May in boxes.

MAMMOTH FLOWERED. Improved bedding type, very floriferous, producing clusters of fine blossoms of excellent size. Choice Mixed, Pkt. 10c; ¼ oz. 60c.

GRANDIFLORA (Gigantea). A magnificent new strain, robust compact habit and free blooming. Trusses are immense, the individual florets measuring 1 in. across. **Giant Blue**, white eye; **Etna**, Paul Campbell geranium red with creamy yellow eye; **Lucifer**, vivid scarlet; **Luminosa**, luminous flame pink shading to salmon; **Rosea Stellata**, rose pink, white eye; **Royale**, royal blue, creamy yellow eye; or **Giant Mixed** of above varieties. Pkt. 15c; ¼ oz. 75c.

VENOSA (Hardy Garden Verbena), 1 ft. Strong, thrifty grower largely for bedding. Makes a fine ground cover with Alyssum. Bright purple and heliotrope flowers. Pkt. 10c.

VERBENA, SAND (See Abronia)

Two Gorgeous Verbena Novelties

GOLDEN QUEEN—Deep yellow flowers of medium size on vigorous, everbearing plants. One of the earliest. Pkt. 20c.

LAVENDER GLORY—Immense true lavender with creamy white eye accentuating the lovely lavender tone. Color runs quite even, and individual florets will cover a fifty-cent piece. Distinctly and sweetly fragrant. Pkt. 25c.



A Garden Spells Beauty, From A to Zinnia

For Explanation of Abbreviations, See Page 33

VIOLA (Tufted Pansy) (HP-R, 6")

These hardy little garden gems are gradually working their way back to deserved popularity. Masses of them are ideal for beds, borders, and rock gardens. Violas persist if faded blooms are nipped off. Culture identical to the Pansy.

BEDDING. Resemble Pansies in miniature with round faces. **Apricot**, rich apricot shade, tinged with orange towards the center. Unusually beautiful planted with Blues. Pkt. 25c. **Apricot Queen (New)**. Intense apricot shaded yellow, with golden brown center and dark eye. Very striking. Pkt. 25c. **Arkwright Beauty (New)**. See Novelties, Page 32.

CORNUTA. Perpetual-flowering; charming for their dainty starry flowers produced in greatest abundance. Stands drought. **Blue Perfection**, charming pale blue flowers, Pkt. 10c. **Jersey Gem**, long-season deep violet-blue. Pkt. 25c. **Lord Nelson (New)**, glowing violet-purple, Pkt. 25c. **Lavender Gem (New)**, soft deep shades of lavender, not unlike "Maggie Mott," drought-resisting; profuse bloomer, Pkt. 35c. **Scotch Strains Mixed (New)**, all of the choicest bedding plants in one grand assortment; many new shades, Pkt. 25c.

VIRGINIA CREEPER (See Ampelopsis)

VIRGINIA STOCKS (French Forget-me-nots) (HA, 6")

Dainty and most useful dwarf plant which produces myriads of four-petaled single flowers in shades of lavender, rose, white, and red. Just the thing for a ground cover, against rockeries, etc. Mix seed with sand and sow like lawn grass seed. Sow three times a year in mild districts. Nothing equals it for rapidity of growth and long blooming season. Use it to glorify open spots in the garden. Blooms from 60 to 75 days after sowing. Plant after frost.

COMPACT CRIMSON GEM, erect bright crimson, Pkt. 10c; oz. 40c. **Compact Rose**, soft rose pink, Pkt. 10c; oz. 35c. **Compact Choice Mixed**, all shades, Pkt. 10c; oz. 25c; 4 ozs. 75c.

VENIDIUM FASTUOSUM (New) (HHA, 2 to 3 ft.)

This magnificent novelty from South Africa thrives in full sun. Unusual grayish hairy foliage. The gorgeous rich orange, daisy-like blooms enhanced by striking jet black centers, surrounded by a purple-black zone at base of petals, average 4 to 5 in. across. Sow in boxes from February to April for bloom in summer. Pkt. 35c.

VERBASCUM PHOENICIAN HYBRIDS (HP, 6 ft.)

Stately growing plants of the Foxglove order with cushions of large woolly leaves. Flower-spikes of white, mauve, pink, blue and purple. Sow from February to April, September to November in partial shade. Choice Mixed, Pkt. 25c.

VISCARIA OCLATA (Rose of Heaven) (HA, 1 ft.)

Neat tufted plants. A wealth of tiny single wild rose-like blooms in shades of red, white and blue with dark centers. Very effective in mass. An old favorite for the new generations. Beautiful and easy to grow. Sow seed in the open in Fall or Spring. Choice Mixed. Pkts. 10c; ¼ oz. 25c.

WALLFLOWER (HB)

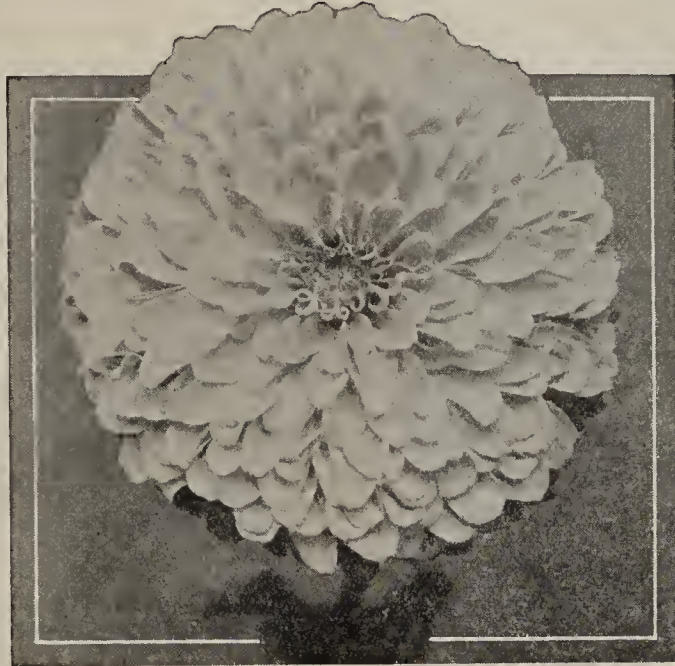
A garden treasure in Europe. The velvety texture of the wonderfully rich tones of red, yellow and brown, add warmth and brilliance to the garden bed. Resemble stocks in formation of flower trusses. Very fragrant. Sow in boxes from February to May and transplant. **Giant Blood Red**, 18 in. Exceptionally gorgeous colors. **Cloth of Gold**, 18 in. Makes wonderfully rich effect. **Fire King**, 15 in. Vivid orange, scarlet. **Orange Bedder**, 12 in. Rich orange to apricot-yellow. **Formula Mixture (Imported Seed)**, Single varieties. **Extra Choice Double Mixed**. All Varieties, 15c pkt.

ALPINE WALLFLOWER (See Cheiranthus).

SIBERIAN WALLFLOWER (See Cheiranthus).

ZINNIA (HHA, 2½ ft.)

Our beloved hot weather plant. Superb colors make a gorgeous show when massed and are exquisite for cutting. The tendency is toward the large double flowered sorts, but we believe every Gardener should include some of the new Scabiosa-flowered and Lilliput types for garden display and home decoration. Robust plants and gorgeous flowers can be grown only in rich, well fertilized soil with moderate watering. Sow from February to June in boxes, or in the open bed after frost is passed. Sow seed very shallow.



The Gigantic Dahlia-Flowered Zinnias Come in a Wealth of Gorgeous Color

GOLD MEDAL DAHLIA FLOWERED. This superior strain produces enormous double flowers on robust branching plants. The large size, from 6 to 8 in. across, extraordinary color range, and good keeping qualities contribute to its popularity. We offer only reselected improved stock. **Luminosa (New)**—charming entirely new shade of bright deep pink with light suffusion of salmon. **El Dorado (New)**—Fascinating shade of rose on deep salmon. **Old Gold (New)**—Glowing, deep and lighter shades of old gold. **Exquisite**—The ever-popular light rose with deep-rose center. **Crimson Monarch**—Largest and best red, often 8 in. across. **Golden Dawn**—Immense golden yellow. Fine form. Very attractive. **Oriole**—Giant orange and good bicolor. Best of its class. **Dream**—A fine, deep lavender, turning to purple. **Scarlet Flame**—Bright scarlet with orange blending. **Meteor**—Rich, glowing deep red, darkest of all. **Lemon Beauty**—Golden yellow on brown. Decidedly a pastel shade. Pkts. 15c each; (Your choice of any six, 75c); ¼ oz. 75c. **Special Gold Medal Mixture**—A blend of above novelties. Pkt. 15c; ¼ oz. 60c; 1 oz. \$2.00.

CROWN O'GOLD MIXTURE (New). Aristocrat of Zinnias. Petals overlaid with deep golden yellow at the base, carrying out the individual color at the tip. Range from old rose, cream, yellow, carmine red, pink etc. Pkt. 20c; ¼ oz. 75c; 1 oz. \$3.00.

DOUBLE LILLIPUT OR POMPOM, 15 in. A little gem for bedding and cutting. The densely double small flowers are 1½ in. across. **Crimson Gem**; **Golden Gem**; **Salmon Rose**; **Scarlet Gem (Red Riding Hood)**; **Canary Yellow**; Pkts. 10c; ¼ oz. 40c; Collection of 5 pkts. 40c; **Rosebud (New)**, rose pink, pkt. 15c. **Finest Mixed** of all Pompom colors. Pkt. 10c; ¼ oz. 30c.

SCABIOUS FLOWERED (New), 3 ft. Entirely distinct and attractive new strain. Exquisite form, reminding one of Scabiosa (Pincushion) or the Double Crested Cosmos. Medium sized flowers with collar of petals surmounted by a full double crest of the same tone. Free flowering; range from rose, crimson, scarlet, golden and purple. Comes about 75% true. Unexcelled for cutting and bedding. Choice Mixed of all colors. Pkt. 25c.

WILD GARDEN SEED MIXTURE

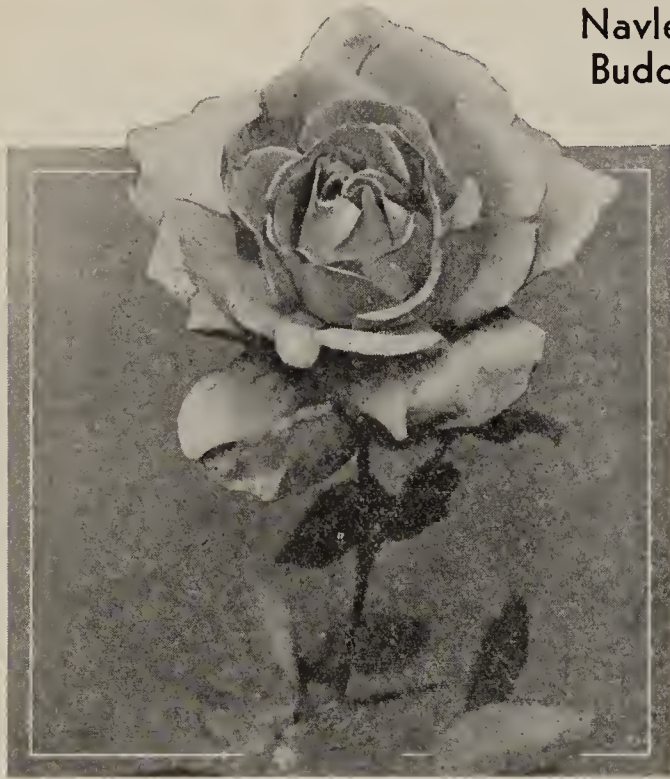
A well balanced mixture of hardy annuals, suitable for planting in odd corners and vacant lots also for beautifying the summer home. Excellent for gift packets. Sow seed broadcast and rake in, Fall or Spring. Pkt. 10c; 1 oz. 25c; 4 ozs. 75c; 1 lb. \$2.25.

WILD GARDEN CUT FLOWER MIXTURE

For those who wish a profusion of flowers in continuous succession for cut flowers from early summer until late Fall. Sow seed broadcast and rake in, Fall or Spring. Pkt. 10c; oz. 35c; 4 ozs. \$1.00; 1 lb. \$3.00.

Roses in Choicest Varieties

Navlet's Own Selected Stock of 2-year-old Beauties
Budded—Field-grown—Guaranteed True to Name



*The Rich Golden Yellow Blooms of Feu Joseph
Looymans Are Delightfully Fragrant*

THIS GROUP OF RARE BEAUTIES

60c
Each

\$3.00
For 6

\$4.50
For 8

(We pay transportation charges)

- DUCHESS OF YORK**—(H. T.)—Flowers large, very full, bud deep golden yellow, opening to a shrimp pink center and gold base.
- E. G. HILL**—(New)—Great massive blooms of deep maroon, velvety on inside and glistening outside; very perfumed with old rose fragrance.
- FEU JOSEPH LOOYMANS**—(H. T.)—Stiff erect plants with splendid glossy foliage, and extremely long pointed buds of glowing apricot and old gold, opening to large, richly tinted yellow blooms of splendid form and fragrance. One of the finest new Roses.
- MAUD CUMMINGS**—(H. T.)—A vigorous bushy grower. The buds are long and tapering. Flowers are a rich peach-pink shaded coral. A very heavy bloomer.
- PRESIDENT HERBERT HOOVER**—(H. T.)—It is remarkable for its vigorous growth, healthy, hybrid tea foliage, rigid stems, long pointed buds, and productiveness. Color—A blend of orange and pink, varying from coppery-red in the bud, to glowing orange-yellow at the base of the petals, suffused with vivid rose-pink. At all stages is very attractive. Was awarded the American Rose Society's Gold Medal; Massachusetts Horticultural Society Silver Medal; Award of Merit, Royal Horticultural Society.
- SOUVENIR DE MME. BOULLET**—(H. T.)—A full deep yellow rose, almost orange in the center of the bud. Buds are long and open into a cup-shaped flower. A very beautiful rose.
- TALISMAN**—(H. T.)—The most astounding novelty in Roses produced in many a year. Its brilliant orange-red buds open to a large, fragrant, high pointed bloom of glowing golden yellow stained with copper-red and orange-rose on the inside of the petal. It is the most magnificently colored flower we have ever seen and arouses astonishment and admiration everywhere. The plants have proved vigorous and healthy outdoors and have withstood severe Winters unprotected. It is especially good in Spring and late Autumn.
- VILLE DE PARIS**—(H. T.)—A clear sunflower yellow rose which won a Gold Medal at Paris. It does not fade. Very long stems, almost thornless. The plant is a very vigorous erect grower, with glossy reddish green foliage.

Here are 5 pages that will be the delight of every Rose lover, listing nearly a hundred of the most beautiful Roses grown. And everyone with experience in growing Roses will appreciate the importance of the fact that these are all strong, sturdy, field-grown stock, grown in our own Rose fields, two years old, ready to glorify your garden with color and fragrance the very first season you set them out.

EVERY ROSE GUARANTEED TRUE TO NAME, OR YOUR MONEY REFUNDED. If for any reason any Rose should arrive unsatisfactory in quality, return it at our expense and we will promptly refund the purchase cost.

CLASSIFICATION OF ROSES

In the following pages, the abbreviations T., H. T., H. P., etc., have been used. These refer to the various classifications of Roses, as follows:

- H. T.—(Hybrid Tea)**—A class of recent origin, which has become the most important of all. Perpetual blooming, with delicate blending of colors, vigor and great hardiness. Many have tea scent very strongly.
- H. P.—(Hybrid Perpetual)**—Hardy, very resistant to cold. Growth vigorous and upright, with long, unbranched canes. Stems long; flowers borne erect; foliage rough; fragrance very distinct.
- T.—(Tea)**—As a general rule the growth is slender and not very vigorous. Foliage always very glossy. They bloom continuously. Require considerable pruning, good soil, and proper care, for which this variety will well repay you.
- Pern.—(Pernetiana)**—A very recent class, the result of a cross between Persian Yellow and Hybrid Perpetual. A wonderful group with startling color effects.
- Pol.—(Polyantha)**—Small flowers borne in large clusters. Very rampant growth and bloom only in the Spring.
- D. P.—(Dwarf Polyantha)**—Low-growing, the flowers in clusters, blooming all Summer.
- Cher.—(Cherokee)**—Climbers, very glossy evergreen foliage, mainly single flowered. Often used for hedges if trained on wire.
- W.—(Wichuriana)**—A trailing Rose. Has long pliable shoots which are easily trained. Very hardy and an exceptionally heavy bloomer in the Spring months.

FIVE EXQUISITE VARIETIES

75c
Each

\$3.15
For 5

(We pay transportation charges)

- ABIEL**—Bud and flower large, globular, very lasting, semi-double, orange-copper, darker at the outer edge, borne singly on long stem. Very hardy.
- AUTUMN**—(New)—Bud medium size, ovoid, burnt-orange, flower medium size, double, cupped, lasting, fragrant, burnt-orange outside, inside buff and gold, streaked with red; borne singly on medium-length stem. Very free bloomer.
- DAZLA**—(New)—Long-pointed buds; flowers extra large, semi-double, with waving petals of brilliant brownish-orange and a large golden circle around stamens at base. Fine for bedding.
- MISS ROWENA THOM**—A striking novelty with gigantic blooms of brilliant satiny pink, shaded with orange flame at center. It has met enthusiastic approval of all who have seen it. Will unquestionably gain great popularity.
- ROSLYN**—(New)—A beautiful, distinct, new yellow Hybrid Tea that has proven especially good for garden planting. Its large double flowers are borne singly on long, strong stems. The orange-colored bud opens to a full golden yellow bloom deeper in center with orange splashings on back of petals. Growth most vigorous and compact; very free bloomer. Lustrous foliage.

Rare Beauties From Our Own Rose Fields

Strong, vigorous bushes with years of beauty before them

EIGHTEEN CHOICE VARIETIES

50c \$2.50 \$5.00

Each For 6 For 12

(All Roses Delivered Free)

- BETTY**—(H. T.)—Copper Rose, shaded to golden yellow at the base. Buds long and pointed. Flowers large, partially double; deliciously perfumed.
- CUBA**—(H. T.)—A very strong growing plant with excellent foliage. Cuba produces enormous semi-double blooms of blazing red-orange.
- DAME EDITH HELEN**—(H. T.)—One of the largest and most perfectly shaped bright pink Roses known. Blooms abundantly, with long, strong stems. One of the most perfumed of all pink Roses. Has attracted admiration everywhere.
- ETOILE DE HOLLAND**—(H. T.)—Very floriferous and vigorous. Flowers are gigantic in size and of a rich velvety crimson which are produced with great freedom throughout the season. Unquestionably one of the best reds of the Hybrid Tea group.
- GOLDEN EMBLEM**—(H. T.)—A most beautiful clear yellow, occasionally flaked with coppery orange on the outer petals, wonderfully well-shaped buds and flowers on long stems, with rich glossy green foliage.
- IMPERIAL POTENTATE**—(H. T.)—One of the finest new brilliant pink Roses. Very vigorous grower of free-flowering habit.
- JOHN RUSSELL**—(H. T.)—A vigorous grower with large flowers, borne singly on top of long stems. A rich crimson-scarlet, shaded with black, and one of the most perfectly formed flowers we have ever seen at all stages of the bloom. It blooms continuously from June until frost.
- LADY MARGARET STEWART**—(H. T.)—Plants are strong and erect, with immense copper orange buds, opening to bright golden yellow, flowers are of wonderful shape and luscious color. This rose will become very popular.
- MARGARET MCGREY**—(H. T.)—Much was expected of Margaret McGredy—she won everywhere with flying colors. Brilliant red petals on hinges of deep gold. Buds upright. Seldom out of bloom.



Long Clean Stems, Slender Buds, and a Clear, Pure Yellow Bloom Characterize the Ville de Paris



Margaret McGredy is One of the Loveliest of the Newer Roses, with Brilliant Red Petals on Golden Hinges

- MME. ABEL CHATENAY**—(H. T.)—Light pink shaded salmon. A very heavy bloomer. Habit of growth of bush is spreading, buds medium in size.
- MRS. HENRY BOWLES**—(H. T.)—Magnificent flowers are bright pink with silvery shadings. Bushes low branching habit. Very large and artistic buds. Rapidly becoming very popular.
- MRS. HENRY MORSE**—(H. T.)—Flowers bright pink with silvery shadings, incessantly produced on low branching bushes. Buds very attractive. Is rapidly becoming very popular.
- MRS. HERBERT NASH**—(H. T.)—Beautiful dark red flowers borne on strong stems, the flowers resembling the Hoosier Beauty in color. Good foliage. Growth of bush strong.
- MRS. LOVELL SWISHER**—(H. T.)—One of the latest varieties. Immense in size, flowers very heavy and of a pale flesh-pink, fine grower, with strong erect stems.
- QUEEN ALEXANDRIA**—(H. T.)—A remarkable flower. Petals vermilion, reverse side old gold. Base of flower golden yellow. Glossy foliage. Low growing plant.
- REV. F. PAGE ROBERTS**—(H. T.)—Marvelously colored flowers of golden yellow stained with copper and reddish buff on the outside. One of the most popular roses, and planted in great quantities each year.
- SOUV. DE CLAUDIUS PERNET**—(Pern.)—Large, elongated and beautifully formed buds. Clear brilliant yellow, shaded warmer in the center.
- THERESA LANDBAD**—Strong robust growing bush. The flowers are a striking salmon-pink. Very charming when in bud.

For Explanation of Classification Abbreviations, See Opposite Page

For Special Rose Bargains, See Page 55

For Special Instructions on Care of Roses, See Planters' Guide, Page 86



Two Pages of Exquisite Roses

Sturdy two year old Bushes, Grown in our own Big Rose Fields



Red Radiance



Madame Edouard Herriott



Premier



General Jacqueminot

As you study the list of more than 40 beautiful Roses on this and the opposite page,—all sturdy, field-grown bushes, two years old—you will appreciate how Navlet's makes it possible for you to select a gorgeous rose garden at a minimum cost. Only because we grow our own Roses are we able to offer you these choice varieties at this very reasonable pricing. And remember, we pay the transportation charges, too.

Your Choice of Any Varieties on This and the Opposite Page

40c

Each

\$2.00

For 6

\$4.00

For 12

(All Roses Delivered Free)

MRS. AARON WARD—(H. T.)—Long buds on erect stems; flowers large and full; color coppery-orange, golden yellow when partly developed, pinkish fawn of lovely shade when fully opened.

AMERICAN BEAUTY—(H. P.)—A magnificent perpetual bloomer. Largest, sweetest and most popular of all hardy Roses. Color a deep, brilliant rosy carmine, exquisitely shaded.

AUSTRIAN COPPER—(Hybrid Brier)—Bright coppery red, reverse of petals golden-yellow. Very attractive. Good bloomer.

BETTY UPRICHARD—(H. T.)—Buds are coppery red and as the flowers open the outside of the petals is orange carmine, inside a delicate salmon pink, flowers semi-double and very fragrant. The colors are sufficient reason why this Rose should be in every garden.

CECILE BRUNNER—(D. P.)—The Baby Rose, the smallest of all Roses. The compact, fairy-like, rose-pink flowers are very double and very fragrant.

CHATEAU DE CLOS VOUGERT—(H. T.)—Beautiful rich brilliant scarlet shaded fiery red, changing to dark velvety crimson. Perpetual bloomer. Very double and intensely fragrant.

COLUMBIA—(H. T.)—The open flower measures six inches across. Color true pink, deepening as it opens to glowing pink. The shades all become more intense until full maturity of the open flower is reached, and its color is enduring.

EDWARD MAWLEY—(H. T.)—One of the best dark velvety crimson Roses. Flowers large and double.

ELDORADO—(H. P.)—Splendid, vigorous plants, large, solid, golden-yellow buds, opening to very double handsome, bright yellow blooms. One of the most perfumed of the yellow Roses.

GENERAL JACQUEMINOT—(H. P.)—It is of vigorous growth and an abundant bloomer—literally a mass of bloom when at its best. The flowers are of grand size—rare beauty—and an intense crimson in color. One of the most satisfactory Roses to grow.

GENERAL McARTHUR—(H. T.)—Strong, vigorous, healthy growth, branching freely, it produces its wonderful crimson scarlet blooms profusely from May until October. Every shoot carries a large, double, well-formed flower of exquisite fragrance.

GORGEOUS—(H. T.)—Very large, full and exquisitely formed, produced in endless profusion. Deep orange flushed copper-yellow, and heavily veined with reddish copper.

HADLEY—(H. T.)—This matchless Rose is a strong, rapid grower and a most profuse bloomer. The deep velvety-crimson flowers are very double and very fragrant. Begins to flower early in the Spring.

HENRY V. MACHIN—(H. T.)—Intense rich scarlet-crimson. Gorgeous large size flowers, carried on rigid steady stems, with ideal foliage. A vigorous, strong grower.

HOOSIER BEAUTY—(H. T.)—A dark, rich velvety crimson. Flowers double and pointed. Long stems; heavy bloomer; sweetly scented.

INDEPENDENCE DAY—(H. T.)—Buds are sunflower yellow overlaid with orange apricot, with colors blending as the bud develops into full bloom. Buds are a graceful oval shape and the flowers are well formed. Glossy, dark green foliage.

IRISH ELEGANCE—(H. T.)—A single Rose of apricot color, shading to bronzy orange and pink. Buds particularly handsome and of little deeper shade than the open flower. Always in bloom.

IRISH FIREFLAME—(H. T.)—A very large, single flower of maddery orange, passing to rich satiny, old gold veined with crimson.

JULIET—(Hybrid Brier)—Pretty combination of scarlet, gold and salmon. Blooms best in early Spring and late Autumn. The colorings make this variety a very attractive Rose.

KAISERIN AUGUSTA VICTORIA—(H. T.)—Pure white, very often tinted with cream at the centers. Strong, healthy grower. Well formed buds with splendid foliage.

LADY HILLINGDON—(T.)—A beautiful Tea Rose which has created quite a sensation. Bright saffron-yellow with coppery-orange shades. One of the most attractive in its color. Buds long and pointed.

LA FRANCE—(H. T.)—Satiny silver-rose. Very well known, one of the old favorites. Very popular for its fragrance.

LOS ANGELES—(H. T.)—A wonderful Rose. The growth is very vigorous and produces a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals.

LOUISE CATHERINE BRESLAU—(H. P.)—Low spreading plants with brilliant orange-pink, double flowers. Very attractive.

MADAME EDOUARD HERRIOTT—(H. T.)—Or Daily Mail—The beautiful French Rose which won the \$5,000 offered by the London Daily Mail. Long, pointed buds, of a deep coral red shaded with yellow at the base. Opens into a flower of a beautiful shade of rosy scarlet tinged and flushed with yellow. The wonderful coloring is a revelation to all who first see it.



More Than 40 Glorious Roses

Listed on this and the opposite page, shipped direct from grower to you

If you want a real thrill, visit the Navlet Rose Fields in blooming season. You'll find acres upon acres of wonderful Roses—masses of glorious color, each rose perfect of its kind, and yet thoroughly hardy despite its fragile grace. The Navlet Rose Fields are at our Highway Nursery, on the San Francisco Highway between Santa Clara and Sunnyvale. The first blooming season is about May 1st.

Roses on This and the Opposite Page Are Offered for the 1933 Season at

40c
Each

\$2.00
For 6

\$4.00
For 12

(All Roses Delivered Free)

MISS LOLITA ARMOUR—(H. P.)—Double, globular blooms of orange-pink shading to coppery-yellow at the base. Very fragrant.

MME. BUTTERFLY—(H. T.)—A new and splendid sport of Ophelia with all its good characteristics. Flowers are a brilliant pink suffused apricot and gold.

MRS. CHAS. RUSSELL—(H. T.)—A brilliant rosy carmine with a beautiful scarlet center. The blooms are very large and wonderfully formed, the petals being of unusual substance. The stems are long and slender, but very stiff and strong.

MRS. S. K. RINDGE—(H. P.)—Buds are well shaped and the flowers when open are semi-double. Flowers open a soft yellow, turning to a soft pink very rapidly.

OPHELIA—(H. T.)—Salmon flesh shaded Rose with chamois center. The buds and flowers are beautifully formed and colored, enhanced by a rich veining on the petals. Profuse bloomer.

PADRE—(H. T.)—There is a charm of coloring in this Rose, being a brilliant coppery-red flushed with yellow at the base. A strong upright grower and exceedingly free flowering. One of the most novel bedding Roses of recent introduction.

PAUL NEYRON—(H. P.)—Color, a beautiful pink that no other Rose excels. Immense and superbly formed flowers—very double and of great depth and substance. Hardy, perpetually in bloom, very showy and somewhat fragrant.

PREMIER—(H. T.)—Rose-pink. Very fragrant. Flowers are borne on stiff, thornless stems; very strong grower and free bloomer.

RED RADIANCE—(H. T.)—Clear cerise-red. The flowers are well formed and full. Very large. An exceptional garden variety.

ROSE MARIE—(H. T.)—A grand Rose of very high type. Very rich pink (like watermelon), that will be a favorite for a long time.

SHOT SILK—(H. T.)—Orange cerise suffused with gold. Flowers of medium size. Free producer, very fragrant. A very charming Rose with a color that is hard to describe.

SOUV. DE GEORGES PERNET—(H. T.)—Stout, branching plants with large, brick-red buds opening to pink flowers of gigantic size. A splendid bedding Rose.

ULRICH BRUNNER—(H. P.)—Rich, glowing. Large, highly perfumed flowers globular shaped. The blooms are produced on long stems—two or three feet in length. This is one of the most prolific varieties known to the Rose world.

WHITE AMERICAN BEAUTY—(H. P.)—This Rose is the largest and best white Rose grown. It is an extra free grower and branches freely with the vigor and hardness of an oak.

WM. F. DREER—(H. T.)—Soft, silvery shell pink, base of petals golden yellow, beautiful in all stages, foliage robust and unique, growth vigorous and free flowering; a good garden Rose.



Hoosier Beauty



Souv. de Georges Pernet



Mme. Butterfly



Golden Ophelia

Navlet's 1933 Rose Bargains

Two wonderful special values for those who buy by the dozen

BARGAIN No. 1

Strong, 2-year-old Rose Bushes

6 Rose Bushes..... \$1.60

12 Rose Bushes..... \$2.95

Our selection, delivered free

A dandy buy in two-year-old, field-grown rose bushes, with strong roots and sturdy canes. Every bush will come to you labeled as to variety. We know you will be delighted with our selection. If you wish some Climbers included, specify how many. Otherwise we will send you all Bush roses.

BARGAIN No. 2

12 Magnificent Rose Bushes at..... \$3.75

Named Varieties, Delivered Free

Twelve of the most beautiful Roses grown—Dame Edith Helen, Etoile de Holland, Feu Joseph Looymans, Golden Emblem, Hadley, Lady Margaret Stewart, Margaret McGredy, Souv. de Mme. Boulet, Talisman, Ville de Paris—all strong, sturdy two-year-old, field grown bushes—and we even pay the transportation charges!

Climbing Roses, Like Glorious Vagabonds

Go Adventuring Where They Will in a Careless Riot of Beauty

Over the wall and along the fence—up the trellis and over the roof, the Climbing Roses wend their way like gay Gypsies on the open road. But wherever they go, they leave a trail of beauty behind them. Drab walls burst into glorious color, unsightly fences disappear behind a veil of loveliness. And austere pillars and porches take on a gracious informality with the Climbing Roses twined gracefully about them. We are listing below more than 20 Climbing Roses—old fashioned favorites and the newer climbers developed from the more exotic bush roses. We invite your selection.

TWO BEAUTIFUL IMPORTED CLIMBERS

SCHORCHER—An Australian introduction that has created a world sensation. Very vigorous and hardy, with handsome vermilion flowers covering the plant with great profusion and a fair repetition in Autumn. \$1.00 each, postpaid.

STRAEHELIN—This most unique climber was discovered in Spain, and has recently been awarded the John Cook Medal for the most outstanding climber. Hardy, vigorous grower, with crimson buds opening to large, perfumed pale pink flowers. \$1.00 each, postpaid.

MORE THAN 20 CLIMBING BEAUTIES

Our own field-grown stock, two years old, ready to bloom this Spring.

35c

Each

\$1.75

For 6

\$3.50

Per Dozen

(We pay transportation costs)

BEAUTY OF GLAZENWOOD (San Rafael Banksia)—A charming combination of copper, crimson and salmon yellow. Fascinatingly beautiful. A grand climber.

BELLE OF PORTUGAL—(H. G.)—Originated at the Botanical Gardens at Lisbon, Portugal. Foliage glossy, buds are truly remarkable, sometimes attaining a length of four inches, soft salmon-pink and borne usually singly on such long lateral shoots that stems two feet long can often be cut.

CHEROKEE PINK—(Cher.)—Large sized single pink flowers. An early bloomer, bearing profusely during the Spring months.

CLIMBING AMERICAN BEAUTY—A strong, healthy, vigorous grower, frequently making shoots 10 to 12 feet long, blooming freely with good sized flowers. Color a rich rosy crimson, of splendid form and good substance.

CLIMBING CECILE BRUNNER—(Poly)—Color rosy-pink, rich creamy white ground.

CLIMBING GOLDEN EMBLEM—(H. T.)—Flowers identical with those of the bush type. Produces a profusion of red and gold buds that open to the much admired blooms of the Golden Emblem bush type.

CLIMBING HADLEY—(H. T.)—A true sport of the bush variety, color of flower and foliage same as the Bush Hadley. Beautiful deep velvety crimson, retaining its color all season. Flowers large and full.

CLIMBING HOOSIER BEAUTY—(H. T.)—Like the bush form in all respects, it is a vigorous climber with rich, velvety scarlet blooms.

CLIMBING HUGH DICKSON—(H. P.)—Color, brilliant crimson, shaded scarlet. Flowers are large and fine form, opening well in all weathers. Very sweetly scented.

CLIMBING LOS ANGELES—(H. T.)—Exactly the same rose as the bush Los Angeles. A strong, vigorous climber. The glorious flame pink color and the freedom of bloom are just as marked as in the bush.

CLIMBING MARECHAL NEIL—(T.)—Deep golden-yellow, immense flowers sweetly scented. Conceded to be the best Rose of its color in existence. Particularly attractive when in bud.



Climbing Roses Lift Their Banners High, Extending the Beauty of the Garden Upward as Their Penants Unfurl

CLIMBING MME. EDOUARD HERRIOTT—(H. T.)—A climbing rose with the sensational copper colorings of the bush variety. The flowers are produced in profusion all during the Summer, and are just as bright in color and even better in shape than the bush. The plant is a true climber, with long, vigorous shoots.

CLIMBING OPHELIA—(H. T.)—A little lighter in color than the bush Ophelia, being a pinkish cream, but with the same exquisite form of bud.

CLIMBING PAPA GONTIER—(T.)—After discarding this favorite climber for a time, popular demand has led us to grow it again. It is a long lived and satisfactory climber, with well formed, cherry red blooms.

EXCELSA—Known as the Red Dorothy Perkins. A rapid grower, bearing flowers in clusters of a pleasing red shade.

LEMON PILLAR—One of the best of the lemon climbers. Flowers a pale lemon color. A rapid grower, blooming prolifically.

PAUL'S SCARLET CLIMBER—(W.)—The flowers of this superb Rose are vivid scarlet, shaded with bright crimson, and are produced in the greatest profusion in large clusters of medium sized semi-double blossoms. This variety surpasses in brilliancy of color any other Climbing Rose and the flowers remain unusually long in good condition.

PRIMROSE—(H. W.)—Vigorous climber. Flowers very double, of a canary yellow, borne in clusters. In springtime it is a mass of blooms. Hardy.

RAMONA—The new red single Cherokee—a sport of the famous Pink Cherokee. The color is one unusual in Roses; rich carmine overlaid with a lustrous sheen which is impossible of reproduction with the artist's brush. During the Spring months the plants are literally covered with blooms.

SINGLE CHEROKEE—Large, clear white, single flowers, full of bright yellow stamens in the center. Very odd. Dark rich carmine foliage.

SUNBURST—(H. T.)—The flowers are of a rich orange-yellow with touches of golden and coppery yellow. The beautiful petals lighten toward the tip.

For Special Rose Bargains, See Page 52

Magnificent Giant Chrysanthemums

Plant your Garden to glorious Autumn beauty with these gorgeous varieties



*The Massive Turners with Their Beautifully Curved Petals
Are the Monarchs of the Chrysanthemum World*

THE FAMOUS "TURNERS" FAVORITE OF FLORISTS

Colossal in Size—Perfect in Form

20c EACH
POSTPAID

75c FOR FOUR
POSTPAID

BRONZE TURNER—Same characteristic as the other Turners. Large beautiful flowers of an indescribably rich golden bronze hue that never fails to elicit admiration. Long, stiff stems. A true exhibition variety.

MRS. WM. TURNER—World's Largest Chrysanthemum—White—The largest Chrysanthemum in the world. Prize winner of the Panama-Pacific Exposition at San Francisco in 1915. Measures 10 inches in diameter, ball shaped—keeps 15 days after cutting, with proper care. It is one of the strongest of growers and the flowers are supported on cane-like stems 4 to 5 feet long.

PINK TURNER—One of the world's best—It is one of the strongest of growers. Exceptionally large flowers, supported on cane-like stems 4 to 5 feet long. Will last 2 or 3 weeks after cutting in water. Color of a most pleasing pink. Deserves a place in every garden.

YELLOW TURNER—A Magnificent Yellow—This superb new Yellow Turner defies description. In size, form and habit resembles the Mrs. Wm. Turner. Instead of being white it is a beautiful bright canary-yellow. The blooms are borne on long strong stems and keep for days without losing their freshness.

NAVLET'S LARGE FLOWERING CHRYSANTHEMUM BEAUTIES

15c EACH
POSTPAID

\$1.50 DOZEN
POSTPAID

WHITE

JEANNE NONIN—Fine incurved variety. Globular white flowers. Without a rival for November and December blooming. Silver cup winner. Grand exhibition or commercial variety.

OCTOBER QUEEN—Purest white. Very early. Large size flowers. Very good exhibition variety.

WHITE BONAFFON—A prolific bloomer, strong stems, large, incurved pure white flowers.

PINK

PINK CHIEFTAIN—Of the same habit as the White Chieftain. The flowers are very large and incurved. Very good commercial variety.

ROSE PERFECTION—Seedling of Chieftain. A very rich pink in color. Excellent exhibition variety.

SMITH'S SUBLIME—Soft shade of pink, maturing in September. Takes an early bud in August.

RED

HARVARD—Dark crimson reflex. Take bud about September 5th. Mature November 15th on.

MINNESOTA (Single)—A blood red single Chrysanthemum, wonderfully effective. Grown in hedge form or massed, it cannot be surpassed.

YELLOW

COL. D. APPLETON—Mammoth incurved. Wonderful shade of yellow. Long stems. Thousands used each year by football rooters. Gigantic in size and at their fullest beauty in November.

MAJOR BONAFFON—A rich incurved canary-yellow. An abundant bloomer. The flowers grow to an immense size, with long stems.

MARIGOLD—A monster flower. Matures October 5th on. The wonderful yellow is used for commercial purposes or exhibition.

MRS. WM. DUCKHAM—Large reflex yellow. One of the old favorites. A wonderful exhibition variety.

BRONZE

EDGAR SAUNDERS—Latest deep bronze we have. This variety is a wonderful bronze and deserves a place in every garden where a bronze is desired.

POMPON VARIETIES

15c each; 6 for 75c; 12 for \$1.25

Delivered Free

The Pompoms, or Button Chrysanthemums, grow in clusters on long stems, and the blooms are about the size of a carnation.

LITTLE BOB—Hardy small red flowered, button type.

ROMAINE WARREN—Deep orange-bronze. Free bloomer. We consider this one of the best market bronze Pompom types.

MAID OF KENT—Very beautiful Pompom type. The flowers are white, tinted with rose. Make the most artistic sprays.

CHRYSANTHEMUM BARGAIN

6 Plants
Postpaid

60c

12 Plants
Postpaid

\$1.00

Twelve wonderful Chrysanthemums—our selection—and every one a beauty! Some are exhibition varieties—all will be a joy in your garden. Good assortment of colors.

Glowing Dahlias for the Autumn Garden

Rich with color, they close the year in a blaze of beauty



Jane Cowl is One of the Most Spectacular of the Decorative Dahlias

PLANTING SUGGESTIONS

Dahlias are easy to grow, and will reward you generously for the little care they require. Tubers should be set out as soon after frost as possible. For mass planting, place them 4 feet apart. In rows, plant them 2½ to 3 feet apart. Lay the tuber on the side in a hole about six inches deep, and cover with about five inches of soil, patting gently. Fill the hole gradually as the shoot grows. If tubers seem shriveled, soak in water for a short time before planting.

NAVLET'S THREE DAHLIA BARGAINS

DAHLIA BULBS

6 Choice Bulbs..... \$1.50 12 Choice Bulbs..... \$2.50
Delivered Free

This collection includes the best types of Decorative, Cactus and Paeony Dahlias. If you will leave the selection to us, we will guarantee to please you.

DAHLIA ROOTS

6 Strong Roots..... 85c 12 Strong Roots..... \$1.50
Postpaid Postpaid

Our selection—12 choice roots from our big stock of beautiful Dahlias. We know you will be pleased.

POMPON DAHLIAS

6 Choice Bulbs..... \$1.25 12 Choice Bulbs..... \$2.00
Delivered Free

Our selection of Pompoms, from the varieties listed on the opposite page. You are sure to be pleased.

NAVLET'S DECORATIVE DAHLIAS

A. L. KORAN—Immense golden yellow with a slight wave in each petal, which adds grace to the flower. Excellent stems. This is a recent prize winner. 75c each, postpaid.

ANDY GUMP—A bright red flower on fine stems. Very free flowering. 50c each.

AMUN RA—Large exhibition variety with gorgeous shades of copper and orange, shading to gold and amber. Very attractive and a good keeper when cut. 75c each, postpaid.

AURORA B.—Beautiful royal purple and white. Flowers are very large and double, a combination of the decorative and collarette types. The larger petals are purple, while the smaller ones between them are white. \$1.00 each, postpaid.

CHAMPAGNE—Beautiful decorative Dahlia, flowers a burnished copper, golden champagne and chamois in color. Borne on long, erect stems. 60c each, postpaid.

DR. TEVIS—Largest decorative Dahlia in existence, blooms average nine to eleven inches across. A beautiful shade of salmon-rose suffused with old gold shading to golden apricot. 35c each, postpaid.

EL CAMINO REAL—This Dahlia, one of the richest colored, is giant in size. Really an exceptional flower, deep velvety crimson. 75c each, postpaid.

ELINOR VANDERVEER—A persistent prize winner everywhere. Immense rose pink blooms held high above the foliage. Stems very long and strong. 75c each, postpaid.

JANE COWL—One of the sensations of the New York show, and justly so. It is an immense glistening bronzy buff and old gold, with just enough twist to the broad petals to make it graceful. Strong stems, free blooming and excellent for cutting and show purposes. \$1.50 each, postpaid.

MRS. CARL SALBACK—One of the prettiest decorative Dahlias in existence. Flowers are a lovely lavender pink and are very deep and full. Blooms average nine inches across, and are held on long stiff stems. 50c each, postpaid.

MRS. I. DE VER WARNER—A monster flower on long stiff stems; deep mauve pink or orchid color; free bloomer, 60c each, postpaid.

PRIDE OF CALIFORNIA—Giant on long, strong stems; color deep rich crimson. 35c each.

PRIDE OF SAN FRANCISCO—Giant blooms on stout stems; brilliant, golden salmon pink. 50c each.

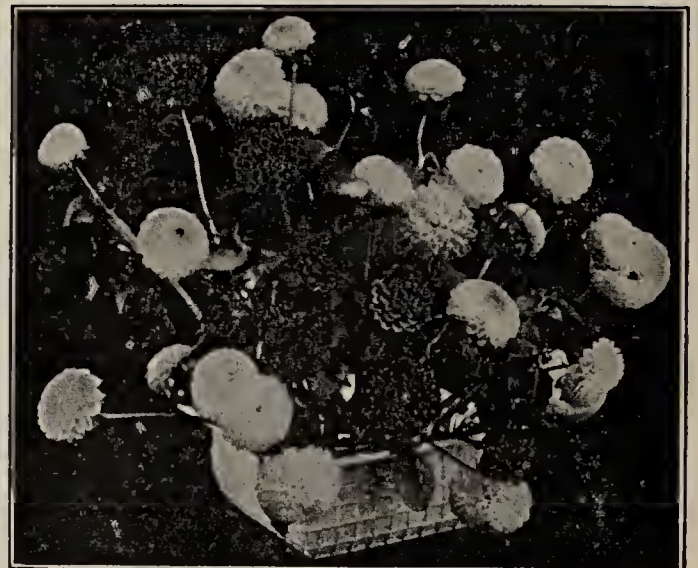
RADIO—Giant flowers on erect stems. Blood red, edged and tipped with gold. 60c each.

ROSA NELL—An attractive dahlia. Large flowers in an unusual color of clear bright rose; strong stems. A good keeper and excellent for basket work. 60c each, postpaid.

SEQUOIA GIGANTEA—Gigantic blooms on good stems; deep yellow. 35c each.

SUSAN G. TEVIS—Immense flowers on long, erect stems; deep lilac with bluish sheen. 50c each.

Special Discount: You may deduct a discount of 10% on orders for 6 tubers, and of 15% on orders for 12 or more



The Sturdy Little Pompoms Are Most Attractive as Cut Flowers

Special Dahlia Types

Shaggy Cactus Dahlias, Fat Little Pompoms and great fluffy Paeony Dahlias—all add beauty and interest to your Autumn garden

POMPOM DAHLIAS

The diminutive Pompom Dahlias are among the sturdiest of the tribe, forming even, compact blooms on strong stiff stems. Coming as they do in a profusion of rich colorings, they are especially popular as cut flowers for the house, retaining their vigor longer than some of the more exotic varieties whose slender stems can hardly support the weight of their heavy heads.

All Varieties: 25c each; \$2.50 doz., delivered free

- ACE OF DIAMONDS**—Small bright red flowers. Very perfect with good stems.
ACHILLES—Base petals flesh color, tipped with pink. Fine stems.
AMBER QUEEN—Amber suffused with Apricot. Good stems.
BERNICE—Pretty shade of soft salmon. Somewhat large but perfect.
FLORIST GUN—Deep golden yellow, tipped and suffused with orange red.
GANYMEDE—Beautiful fawn suffused pink. Splendid cut flowers.
LITTLE DAVID—Small, perfect blooms of deepest orange. Ideal cut flower.
LITTLE DONALD—Neat little flowers of rich garnet. Full double flowers on erect stems.
LITTLE IRENE—A clear canary yellow on a perfect stem.
SNOWCLAD—A splendid pure white. Extra fine stems.
VIVID—Rich, bright scarlet. A perfect flower well suited for cutting.



The Gay Little Pompoms Are As Perfect as They Are Cheery

PAEONY DAHLIAS

Paeony Dahlias are by nature large, with a fluffiness that gives them the effect of even greater size. The outer petals are semi-double, while the inner petals are short, usually curling gracefully around a central yellow disc.

- CITY OF PORTLAND**—Giant canary yellow on long erect stems. One of the finest. 50c each.
MME VON BYSTEIN—Lovely lilac blue, large size; long erect stems. 35c each.
MRS. IRENE TAFF—Giant in size. Petals broad, long and pointed; also incurved. Rich wine red, toned yellow deepening to golden zone at center. 50c each.
SUPREME—Giant blooms on long, erect stems. Clear lavender pink. \$1.00 each.



See Opposite Page for Navlet's 1933 Dahlia Bargains.

For Special Plant and Shrub Bargains, see Inside Front Cover.

For Special Seed Collections at Group Prices, see Page 14.

The Dr. Tevis is a Gigantic Decorative Type, the Blooms Often Averaging 9 to 11 Inches in Diameter

HYBRID CACTUS DAHLIAS

Cactus Dahlias are shaggy in appearance, their long petals curved to give the effect of slender quills. Although many of the varieties attain gigantic size, this curving characteristic gives them an effect of open gracefulness that makes a delightful contrast with the full-bodied decorative types.

- CALIFORNIA ENCHANTRESS**—Large flowers on erect stems. Beautiful pink. 60c each.
DADDY BUTLER—Giant on long stems. American Beauty shades with lighter reverse. 60c each.
ETHEL BURNHAM—Giant flowers on erect stems. Pleasing rose salmon shade. 50c each.
MARY MUIR—Extra fine cut flower, large ivory white flowers, erect stems. 35c each.
GOLDEN WEST—Large flowers, erect stems, deep rich yellow overlaid with orange. 50c each.

READ OUR PLANTERS GUIDE Pages 85-93

We have tried to make this 1933 book not merely an index of what we have to sell, a listing of varieties and prices, but a helpful Garden Book that will be of year-round interest to flower lovers. To that end we have devoted nine pages (85 to 93) to helpful planting suggestions, planting calendars, suggestions on soil correctives, elimination of garden pests, and other valuable garden information. Read them—you'll find them practical and helpful.



The Cactus Dahlia Lifts its Shaggy Mane

Carnations, Spicy as Cloves

Perfume your Home and Garden with their rare, old fashioned fragrance

PLANTING SUGGESTIONS

A sunny location is preferable. The ground should be worked at least 12 inches deep. If the soil is heavy, burnt ashes will improve the conditions considerably, and if possible a little sand mixed in will be of additional help. If, on the other hand, the ground is sandy or light, add loam and well-rotted manure and mix well to a depth of at least 12 inches.

DO NOT, when planting, bury the plants any deeper in the ground than they were in the pots, or they may die from "stem rot." Do not plant them any nearer than 18 inches, and carefully stake the plants when sufficient growth warrants staking.

Water frequently. When taking off dead blooms, cut the stems off as far back as possible, which will induce new growths and help to keep the plants bushy. If large blooms are desired, only one or two buds should be allowed to each stem.

Carnation plants may be left in the open throughout the Winter, having been cut back to within 6 to 8 inches of the soil.

SEVEN CHOICE VARIETIES

25c Each \$2.00 For 12
Postpaid Postpaid

(6 may be purchased at the dozen rate)

CHAS. C. NAVLET CO.'S NEW SCARLET—A perfectly formed large flowering scarlet Carnation, with strong sturdy stems. It has a vigorous growth, and is a prolific bloomer.

FAIRY QUEEN—A salmon-pink Carnation deeper in color than Laddies. Its flowers are enormous in size, borne on very stiff stems. This Carnation is very popular with the florists.

GOLDEN GLOW—A pleasing yellow with red stripes! Very showy, with flowers growing on long stems.

LADDIE—A gorgeous glistening salmon pink Carnation with stems that average from 2 to 3 feet. Laddie has been thoroughly tested for hardiness, rapidity of growth, certainty and abundance of bloom, size, uniformity of color, fragrance and all-around merit.

MAIN SUNSHINE—This Carnation is a prize-winner. Large flowers of a clear golden yellow borne on long stiff stems. A very free bloomer. The best yellow to date.

MATCHLESS (The Matchless White)—A sensation winner of two Gold Medals. This pure white beauty has large, fragrant blooms borne on long stems. A great commercial favorite, because of its free blooming, and fine keeping qualities.

ROYAL PURPLE—A very beautiful Carnation, out of the ordinary because of its rich color. Plant in semi-shade.



Chas. C. Navlet Co.'s New Scarlet is a Beautiful Large Carnation

THESE BEAUTIFUL CARNATIONS

20c Each, 12 for \$1.50, Postpaid

(6 may be purchased at the dozen rate)

BENORA (White—Penciled with bright red)—Narrow foliage, long stems, flowers large, freely produced. Very clear-cut and beautiful, keeps like an everlasting flower; ships better than any other variety. Even growers who have been prejudiced against "flaked" varieties admire and grow the Benora, because it pays handsomely for its keep, and is a pleasure to handle.

BETTY LOW—This variety is a beautiful cerise-pink. The stems are long, stiff and very heavy. The flowers are large. Grown for the florist trade very extensively.

C. W. WARD (Pink)—A perfectly formed Carnation with full center. Immense size, beautiful pink shade, free-blooming.

DONALD—Another prize-winner. Best glossy dark crimson Carnation grown. Flowers are borne on long stiff stems. A very free bloomer.

MORNING GLOW—This beautiful light pink flower, shading to a lighter pink, has won a place in the Carnation world. Stems long and very strong.

ROSELIND—A mammoth flowering variety. Flowers bright cerise color. This Carnation deserves a place in every garden. Its color is beautiful. A free bloomer and a very strong grower.

SPECTRUM—Spectrum is one of the very best scarlet Carnations to be placed on the market. We are positive if you are partial to this color you will be more than delighted.

SUNSET (Variegated)—A superb novelty. The broad, saw-edged golden yellow petals have wide carmine stripes running through the center, and are also flaked with carmine. The flowers—of mammoth size—are borne on long, stiff stems, and will last from 10 to 15 days after cutting. A wonderfully free bloomer.



The Salmon-Pink Blooms of Laddie Often Measure 4 to 5 Inches Across

CARNATION BARGAIN

6 Strong Plants 60c 12 Strong Plants \$1.00 Postpaid

This collection is made up from the varieties listed on this page. We grow no others. The colors in this bargain will be well balanced.

Vines, Cool and Shady or Exquisitely Perfumed

AMPELOPSIS

QUINQUEFOLIA (Virginia Creeper)—Luxuriant five-leaved foliage, turning to flaming scarlet in Autumn. 3 in. pot, 20c each; \$2.00 per doz.; large plants, 50c each; \$5.00 per doz., delivered free.

VEITCHII (Boston Ivy)—Rapid grower. Dense glossy foliage, turning red in Autumn. Excellent climber. 3 in pot, 20c each; \$2.00 per doz. Large plants, 35c each; \$3.50 per doz., delivered free.

BIGNONIA TWEEDIANA (Trumpet Vine)

Beautiful evergreen vine with broad, lemon-yellow trumpet-shaped flowers. 25c each, \$2.50 per doz., delivered free.

BOUGAINVILLEA

CRIMSON LAKE—A gorgeous new variety with glowing red flowers, produced in great profusion along the branches. Strong Roots, \$1.00 each, delivered free.

SANDERIANA—Flowers a beautiful Magenta, growing in great profusion. Leaves small, a beautiful bright olive green color. Strong Roots from 4 in. pots, 75c each; from 5 in. pots, \$1.00 each; from 6 in. pots, \$2.00 each. Delivered free.

CLEMATIS PANICULATA (Japanese Virgin Flower)

Pure white flowers borne in great clusters, making the vine a mass of fleecy white. 2 yr. old vines, 50c each, delivered free.

COBEA SCANDENS

Rapid climber. Prolific bloomer, with large bell shaped blue flowers. 25c each, \$2.50 doz., delivered free.

DOLICHOS LIGNOSUS (Australian Pea Vine)

Graceful, everblooming vine of rapid growth. Foliage fine-leaved like Smilax, with pea-shaped rosy lilac flowers. 20c each, \$2.00 per doz., delivered free.

FICUS REPENS (Climbing Fig)

Small, dark green, heart-shaped leaves. Clings to stone or wood. 2½ in. pots, 25c; 4 in. pots, 50c, delivered free.

HEDERA (Ivy)

All Varieties 20c each; \$2.00 per doz., Delivered Free

HARDY ENGLISH—Dark, handsome leaves, green the year round.

KENILWORTH—Drooping sprays of exquisite foliage, thickly set with lovely flowers.

VARIEGATED—Foliage mottled with creamy white.

HUMMULUS LUPULUS (Hop Vine)

A common but very useful climber. 15c each, \$1.00 per doz., delivered free.

IPOMEA (Moonflower)

BONA NEX (Pure White)—Flowers a beautiful silvery white, delightfully perfumed, opening in greatest profusion in evening or on cloudy days. 15c each, \$1.50 per doz., delivered free.

LEARII (Heavenly Blue) — Exquisite clear satiny blue flowers. Beautiful planted with the white variety. 15c each, \$1.50 per doz., delivered free.

JASMINE

1½ to 2 feet, 75c each; \$7.50 per doz., delivered free.

OFFICINALIS—Long and slender requiring support. Glossy foliage and fragrant white Summer - blooming flowers.

PRIMULINUM—Primrose-yellow flowers with a darker eye. Rambling and free-flowering. Large leaves and flowers.



Boston Ivy Weaves a Cloak of Rich Dignity

KUDZU VINE

PUERARIA THUMBERGIANA—Large foliage; blossoms rosy purple, pea shaped on racemes. 25c each; \$2.50 per doz., delivered free.

LONICERA (Honeysuckle)

2 to 2½ feet, 35c each; \$3.50 per doz., delivered free.

CHINESE—Strong grower, back of leaves reddish-purple; fragrant flowers, white and pink.

HALLEANA (Japan)—Fragrant white flowers changing to yellow.

MADEIRA VINE

Climbing Mignonette with fragrant feathery-white flowers. Plant from January to April. 15c each; 75c per doz., delivered free.

MANDEVILLA

SAUVEOLENS—Deciduous climber with clusters of sweet-scented flowers in the Summer. 25c each; \$2.50 per doz., delivered free.

MEDEOLA ASPARAGOIDES (Smilax)

Indispensable for decoration. 15c each; \$1.50 per doz.,

MUEHLENBECKIA COMPLEXA (Maidenhair Vine)

Dark wiry stems and tiny leaves. 20c each; \$1.50 per doz.

PASSIFLORA (Passion Vine)

BLUE—Flowers of extra large size. Shell Pink—Large flowers and very handsome dark green foliage. **White**—Tinted with lilac, light purple corolla. 50c each; extra large plants, 75c each, delivered free.

PLUMBAGO

CAPENSIS—Bush or climber; sky-blue flowers. 35c each; \$2.50 per doz., delivered free.

ALBA—Pure white. 35c each; \$3.50 per doz., delivered free.

PHASEOLUS CARACALLA (Snail Flower)

Bluish-lilac flowers. Climber, but must be protected in Winter where climate is severely cold. 75c each, delivered free.

SOLLYA (Australian Blue Bell)

HETHEROPHILA—Blue flowers, leaves narrow and smooth. Slender twining evergreen. 1½ to 2 feet, 75c each; \$7.50 per doz., delivered free; 3 in. pots, 25c; \$2.50 per doz., delivered free.

TECOMA RADICANS

Coppery yellow trumpet shaped flowers produced freely on this climber. 35c each; \$3.50 per doz., delivered free.

VINCA

Perennial trailer with abundance of blue flowers. Variegated leaf. 75c each, delivered free.

WISTERIA

Masses of drooping, fragrant blossoms, very graceful. Blue or white. \$1.00 each, delivered free.



Wisteria, Flowering to a Fragile Delicate Beauty

Plants for the Perennial Garden

Old fashioned favorites and superb new varieties, bringing beauty and fragrance to your garden through a continuous cycle of years.

More and more real garden lovers are turning to the Perennial Garden as a constant source of beauty and satisfaction. The Perennials have an average life of three years or more, propagating readily from seed or off-sets, almost without attention from the gardener. We have devoted special care to the development of fine strains of Perennials. You will find listed here sturdy Perennial Plants grown in our own extensive Nurseries—plants that we know will bring you the satisfaction of lasting beauty.

For Planting Suggestions, see Planters Guide, pp. 85 to 93

ACANTHUS MOLLIS

A handsome, stately plant for planting as single specimens or for grouping with other plants for sub-tropical effect. Deeply toothed, heart-shaped leaves, 2 feet long by 1 foot wide. Produces 3-foot spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian column is said to have been suggested by the leaf of this plant. Plants 25c each, 3 for 65c; \$2.50 per doz., delivered free.

ACHILLEA (Yarrow)

For Seeds, See Page 33

FILIPENDULINA—Flat heads of brilliant yellow flowers; finely cut foliage. Plants suitable for dry, sunny places. Bloom all Summer. Plants 25c each; 3 for 65c; \$2.50 per doz., delivered free.

AGAPANTHUS

UMBELLEATAS—For centerpieces for the lawn the Agapanthus cannot be excelled. In a season it grows 2½ feet high. The foliage is somewhat like Amaryllis; it never dies, and is in bloom nearly all the year round. Plants 25c each; \$2.50 doz., delivered free.

AGATHEA COELESTIS (Blue Daisy)

For Seeds, See Page 33

A favorite pot plant and useful for bedding protected places. Leaves alternate, entire or dentate. Heads usually long-peduncled, the corolla blue or white, the disk yellow. Plants 20c; 3 for 55c; \$2.00 per doz., delivered free.

ALYSSUM (Saxatile)

For Seeds, See Page 33

An ideal hardy plant excellent for rock work. Flowers in May; showy, golden-yellow flowers. Plants 20c each; 3 for 55c; \$2.00 per doz., delivered free.

ANCHUSA (Italica)

For Seeds, See Page 34

The rich blue tones of its flowers are much in demand during their flowering period of May and June. It forms much branched specimens, 3 to 5 feet high, each branch terminating in a large pyramidal graceful spike. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border. Plants 15c each; 3 for 40c; \$1.50 per doz., delivered free.

ANEMONE (Windflower)

For Seeds, See Page 34

A pleasing perennial, producing large pink flowers. Few plants compare with them in beauty; fine for bouquets. Plants 20c each; 3 for 55c; \$2.00 per doz., delivered free.

ARMERIA MARTIMA (Sea Pink)

For Seeds, See Page 34

An evergreen border requiring no trimming. The flowers are lilac-pink and are borne on stems about 12 inches high above the plant. Plants 6 for 30c; 50c per doz.; \$3.50 per 100, delivered free.



The Graceful Columbine Prefers a Partly Shaded Garden Spot

We Guarantee Satisfactory Delivery of Mail Orders

AQUILEGIA (Columbine)

For Seeds, See Page 37

No other plant has so airy a grace as the Columbine, is more generous of bloom, or more effectively adapted for cut flowers. Columbines are among the most beautiful and popular of all hardy plants. Large showy flowers blooming in Spring or early Summer. 2-year-old plants 20c each; \$2.00 per doz., delivered free.

ASCLEPIA

CURASSAVICA—Very tall growing, mostly of a hardy herbaceous character. Remarkable for their curious flowers and the silky substance which fills the seed pods. Orange-scarlet flowers. Useful for mixed borders in Summer. Strong clump 25c each; 3 for 65c; \$2.50 per doz., delivered free.

ASPIDESTRA

A popular house plant, grown for its stiff, shining, beautiful foliage, which is sometimes striped. Leaves are irregular, long and gradually narrow to the end. Plants with 2 to 3 leaves, 50c each; 4 to 6 leaves, \$1.50 each, delivered free.

ASTILBE

DAVIDII—Hardy herbaceous plant. The dark green cut leaf foliage forms a handsome tuft, from which rise crowded panicles of feathery violet-blue flowers. Fine for cutting. Plants 35c each; \$3.50 per doz., delivered free.

BEGONIA VERNON

For Seeds, See Page 35

Ready for immediate delivery. Both varieties; 15c per plant; \$1.00 per doz.; 100 for \$6.00, delivered free.

SINGLE BEGONIA VERNON—Of cheerful appearance and perpetually blooming, it is one of the most popular and charming plants. Colors: Delicate pink, pure white, and bright red. Strong plants.

SEMPERFLORUM HYBRIDA—A charming variety distinguished by the splendid coloring of its foliage and flowers. The latter are bright orange-carmine and contrast beautifully with the foliage, which, when exposed to the sun, changes into a deep olive-green, shaded and edged with bronze. Grows to a height of 18 inches. Splendid for bedding and pot culture. Strong plants.



Alyssum, with its Compact Golden Flowers, is Ideal for Rock Gardens

CHIFFON DAISY

For Seeds, See Page 38

The Chiffon Daisy has pure white flowers with a multitude of twisted petals that give it a very fluffy appearance. Plants grow about eight inches high and bloom continuously from early Spring until Fall. Flowers are held on long stems high above the foliage. Showy in borders, also excellent as a cut flower. Plants 20c each; 3 for 55c; \$2.00 per doz., delivered free.

PLANT PERENNIALS IN THE FALL

Like Shrubs and Roses, Perennials develop a stronger, sturdier growth if you plant them in the Fall. And you have the added delight of early Spring blooms.

Plant Perennials in Fall

And enjoy the delight of masses of bloom in the early Spring

Except for a few of the more tender Perennials, we strongly recommend Fall planting. The plants take a stronger rooting, there is better opportunity for mulching and fertilization, and the garden lover has the delight of sturdier plants with earlier and larger flowering when Springtime comes. For best location and time of planting, we refer you to the tables in our **Planters Guide**, pp 85-93, suggesting that you select the Fall planting periods whenever possible.

Canterbury Bells Ring Out
a Song of Beauty

CANTERBURY BELLS

For Seeds, See Page 36

A fine perennial of lovely colors; particularly glorious when planted in large groups. White, pink, blue or assorted colors. Plants 2 for 20c; 75c per doz.; 2-year-old plants 20c each; 3 for 55c; \$2.00 per doz., delivered free.

COREOPSIS

For Seeds, See Page 37

This is one of the finest hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. 15c per plant; 6 for 40c; 75c per doz.; \$3.00 per 100, delivered free.

CORAL BELLS

See Heuchera, Page 64

DAISY

For Seeds, See Page 34

MICHAELMAS (Aster Alpinus)—Makes a compact little bush covered with star-shaped flowers; very free blooming. Sometimes called "Hardy Asters." Plants 15c each; 3 for 30c; 75c per doz., delivered free.

DUSTY MILLER (Centaurea Candissima)

For Seeds, See Page 36

Its beautiful silvery leaves, which grow in masses, are very effective in the garden and the leaves are almost indispensable for bouquets. This plant is largely used for borders on drives and in groups. 15c per plant; 6 for 60c; \$1.00 per doz, delivered free.

NAVLET'S EXHIBITION

DELPHINIUM

For Seeds, See Page 38

These flowers run in every shade of light blue and delicate pastel shades. The spikes grow from 6 to 10 feet; flowers semi-double. This Exhibition Mixture has been the admiration of all the visitors at our Nursery on the San Francisco Highway this past Summer. Two-year-old roots 25c each; 3 for 65c; \$2.50 per doz., delivered free. Seedlings 2 for 25c; \$1.25 per doz., delivered free.

HARDY LARKSPUR (Delphinium)—These plants produce stocks from 4 to 10 feet high, which are covered with hundreds of dark blue blooms from early Summer until late Fall. Plants, 2 for 20c; 6 for 60c; \$1.00 per doz., delivered free.

GEUM

For Seeds, See Page 40

A showy hardy perennial with large brilliant scarlet or yellow flowers, borne on long stems. Plants, 15c each; 75c per doz.; 100 for \$4.50, delivered free.

FOXGLOVE (Digitalis)

Foxglove is Quaintly
Old Fashioned

For Seeds, See Page 39

GLOXINIA FLOWERED—Red, white, pink or assorted colors. These improved flowers are very showy, hardy plants for the garden, massed beds, or very effective for borders in driveways and parks. Plants 2 for 20c; 75c per doz.; two-year-old plants, 15c each; 3 for 40c; \$1.50 per doz., delivered free.

GAILLARDIA

For Seeds, See Page 40

GRANDIFLORA—Very showy flowers, 3 inches in diameter. Flower freely from early Summer until frost. Plants 6 for 40c; 75c per doz.; \$4.50 per 100, delivered free.

SUNSET—A variety that should be in every garden! Its beautiful semi-double flowers, which are very massive, are borne on long stiff stems. The petals are thick and leathery. Flowers measure 3 inches in diameter. Each flower runs from bright shades of bronze to scarlet and gold on the ends of each petal. One of the best cut flowers in the San Francisco market. 20c per plant; 3 for 40c; \$1.50 per doz., delivered free.

GERANIUMS

15c per plant; \$1.00 per doz., \$7.50 per 100, delivered free

SINGLE FLOWERING VARIETIES

SHELL PINK—Large, well-formed truss. Elegant flowers.
BRIGHT CARMINE—Magnificent truss—very large flowers.
BRIGHT ORANGE—Massive truss. Beautiful.
MADAME BRUANT—Very showy and novel. Center of flowers is white, veined with carmine lake and each petal is bordered with bright solferino.

DOUBLE FLOWERING VARIETIES

PURE WHITE—Giant flowers of perfect form.
SHELL PINK—Very double, long-stemmed flowers. Exquisite and dainty.
CARMINE—Very double flowers in mammoth clusters. Bright green foliage.
BRILLIANT RED—Immense flowers. Very double.
SALMON PINK—Flowers semi-double, borne in mammoth clusters. One of the grandest Geraniums grown.

Ivy Leaf Geraniums

15c per plant; \$1.50 per doz.; \$10 per 100, delivered free

COL. BADEN POWELL—A beautiful Ivy Geranium. Flowers of the largest size, semi-double; abundantly produced and borne on long stems; pearl white shading to a soft blush; dark blotches on upper petals.

GUY LEWIS—A grand rosy carmine. Large flowers of fine substance.

JOAN D'ARC—Perfectly double pure white flowers. Literally covered with blossoms when in full bloom.

MAD. THIBAUT—A deep pink, clear, lustrous and satiny. Extra fine large flower.

ROYCROFT SURPRISE—A clear, bright rose, with slight maroon blotches on outer petals.

Leopard Ivy-Leaf Geranium

Plants 15c each; \$1.50 doz., delivered free

One of the most vivid-colored Ivy Geraniums known. Size of flower and coloring resemble a Lady Washington Geranium. Beautiful cerise pink, blazed with fiery crimson. Flowers semi-double, borne on long stiff stems, in immense clusters.



The Tall Spikes of Delphinium Grace
Every Perennial Garden

Hollyhocks and Old Fashioned Favorites

We suggest Fall planting for the charm of early Spring bloom

GAZANIA

Plants 6 for 40c; 75c doz.; \$5.00 per 100, delivered free.

Ready for Immediate Delivery

ORANGE—Plants very dwarf; grow close to the ground, 6 to 10 inches; produced in the greatest abundance in the Spring and early Summer. Excellent for borders where there is a lack of water.

CANARY YELLOW—A new Gazania. Large flowers.

GOLDEN GLOW (Rudbeckia)

This glorious yellow-flowering plant. Grows 6 to 8 feet high. If set out in the Spring will produce hundreds of flowers during July and August. The flowers are perfectly double like Roses. 20c per large clump; 6 for 60c; \$1.00 per doz., delivered free.

GOLDEN ROD (Solidago)

Our National Flower. Grows 4 to 5 feet high and produces handsome spikes of golden-yellow flowers from the end of July until September. 15c per root; 6 for 60c; \$1.00 per doz., delivered free.

GYPSOPHILIA

For Seeds, See Page 40

Pretty, free-flowering plants succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. Plants 20c each; 3 for 40c; \$1.50 per doz., delivered free.

HELENIUM (Riverton Gem)

A strong growing perennial 3 to 5 feet high, bearing in late Summer and Fall masses of large, daisy-like flowers, which are old gold, changing to wall-flower-red as they mature. Plants 15c each; 3 for 40c; \$1.50 doz., delivered free.

HELIANTHUS (Hardy Sunflower)

For Seeds, See Page 41

MAXIMILIANI—One of the latest. Golden yellow flowers in graceful sprays. Fine for cutting. Grows 6 feet. Blooms late Summer and early Fall. Plants 20c each; 3 for 55c; 12 for \$2.00, delivered free.

HELIOTROPE

For Seeds, See Page 41

Delightfully fragrant flowers. Pure white, dark purple, lavender. An old fashioned favorite. 20c per plant; 3 for 55c; \$2.00 per doz., delivered free.

MAMMOTH FLOWERED—(Mad. Bruant)—A giant flowered dwarf variety. The blue flowers grow 10 inches across, richly perfumed. We have measured flowers as big as 12 inches in diameter. Plants 25c each; 3 for 65c; \$2.50 per doz., delivered free.

HOLLYHOCK ROOTS

For Seeds, See Page 41

Strong Roots, Single or Double Mixed Colors—Ready for Immediate Delivery.

For backgrounds and screens—for planting in lines or clumps—they are simply invaluable. The flowers—which measure from 3 to 4 inches across and are as elegant in shape as the Camellia—form perfect rosettes of the most lovely shades of crimson, yellow, pink and white as well as charming combinations. Strong plants, 15c per root; 3 for 40c; \$1.50 per doz., post-paid.

Hollyhocks Against a Garden Wall—What Wealth of Color and Beauty



Plant Marguerites in Drifted Masses

HEUCHERA SANGUINEA (Coral Bells)

For Seeds, See Page 41

A very handsome perennial, low growing. The leaves are heart-shaped, and from the centers the flower scape rises from 1 to 3 feet high, bearing loose graceful sprays of coral-red flowers. Plants 15c each; 3 for 40c; \$1.50 doz., delivered free.

LANTANA

For Seeds, See Page 42

Constant bloomers. Very easily grown in any climate, soil or situation. Produce Verbena-like clusters of flowers in bright orange—pink with mottled centers—lavender with orange centers. 20c per plant; 3 for 40c; \$1.50 doz., delivered free.

LAVENDER

For Seeds, See Page 42

A hardy shrub, well known and esteemed for its delicious fragrance. Blue flowers are borne on long stems. Stems are used for fancy work, flowers are dried in sachet bags. 20c per plant; large plants 35c each, delivered free.

LINUM (Flax)

For Seeds, See Page 43

PERENNE—Bright blue flowers; hardy; 18 inches. One of the most effective and showy bedding plants of long duration, having fine foliage and delicate stems. 6 for 40c; 75c per doz.; 2-year-old plants 20c each; 3 for 55c; \$2.00 doz., delivered free.

LYTHRUM ROSEUM SUPERBUM

For Seeds, See Page 43

Strong growing, 3 to 4 feet high thriving in almost any position, producing large spikes of rose-colored flowers from July to September. Plants 20c each; \$2.00 doz., delivered free.

MARGUERITE

SINGLE GIANT FLOWERING—These are the showiest of plants and require almost no care. Superb for solid beds, clumps and edges. White, yellow or blue. 15c per plant; 3 for 40c; \$1.50 per doz., delivered free. Ready for immediate delivery.

MARGUERITE CARNATIONS

Perennial—They remain in blossom throughout the year, and the calyx never bursts. The plant is of dwarf, compact, and pretty habit, branching closely above the ground and producing vigorous stalks; thrives equally well in pots or gardens. Plants 6 for 40c; 75c per doz.; \$4.50 per 100, delivered free.

Poppies, Primrose and Phlox

Weave a circle of beauty that reaches almost the year around



The Oriental Poppy is Like a Scarlet Blaze

PHYSOSTEGIA

For Seeds, See Page 45

A very fine perennial for cool locations. Will do best in rich light soil. Very pretty tubular pink flowers, borne on erect spikes. Useful for borders, wild gardens and for cutting. Grow to about 3 feet. Plants 25c each; 3 for 65c; \$2.50 doz., delivered free.

REHMANNIA

For Seeds, See Page 46

A very handsome dwarf growing perennial. Produces large tubular flowers of a purplish color striped with a darker hue. Succeeds in a moist, shady border, and requires protection in Winter. Plants 20c each; 3 for 55c; \$2.00 per doz., delivered free.

The Dainty Primrose is as Fresh as Spring Itself



SALVIA (Scarlet Sage)

For Seeds, See Page 46

Salvia is one of the most popular and effective bedding plants on account of its glossy foliage and fiery red or bright blue spikes of flowers which bloom in masses. The plants grow from 2 to 3 feet high, blooming from early Spring until late in the Fall. We recommend setting out plants if you desire early blooms. In protected locations in your garden, Salvia will grow from 2 to 3 years. Plants ready for immediate delivery.

AUZUREA GRANDIFLORA—A Rocky Mountain species. Pretty sky-blue flowers. 20c per plant; 3 for 50c; \$1.50 doz., delivered free.

FARINACEA—Grows 2 to 3 feet high, producing long spikes of attractive light blue flowers from July to frost. 20c per plant; 3 for 50c; \$1.50 per doz., delivered free.

GREGGI—Makes a shapely, bushy plant about 2 feet high, and from July to late October bears masses of rich and luminous carmine red flowers; requires protection in Winter. 20c per plant; 3 for 50c; \$1.50 per doz., delivered free.

LEUCANTHA—A shrubby perennial type. The flowers are violet-purple tipped with white and are produced on long branches 1½ to 2 feet long. The flowers grow very close to the end of the stems, compact and 6 to 10 inches long. Plants 20c each; 3 for 50c; \$1.50 per doz., delivered free.

PATENS—In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennial; 2 feet. 20c per plant; 3 for 50c; \$1.50 per doz., delivered free.

MATILIA POPPY (Romneya or Tree Poppy)

Hardy herbaceous plant, deserving of a place in your garden. A native plant of California, and one of its finest. A perennial shrub, leaves of a grayish or sage green; makes a large bush, branching out from the roots. Flowers are pure white, single, with orange-colored center, measuring 6 inches across. Plants 8 to 10 inches high, \$1.00 each, delivered free.

MESEMBRYANTHEMUM (Ice Plant)

Dwarf trailers of great beauty. Bright rose flowers—dark green foliage. Plants 50c doz; \$3.50 per 100, delivered free.

OENOTHERA (Evening Primrose)

For Seeds, See Page 44

MACROCARPA—A low species with prostrate branches. Yellow flowers often 5 inches across. Bloom profusely from June to August; grows 10 inches high. Good for rock garden or border. Plants 25c each; 3 for 65c; \$2.50 doz., delivered free.

ORIENTAL POPPY

For Seeds, See Page 44

For a gorgeous display of bright scarlet flowers nothing can equal the Oriental Poppy. Their flashing scarlet flowers with black blotch on each petal make a gorgeous display during the Summer months, at which time they are at their best. Plants 15c each; 6 for 80c; \$1.50 per doz., delivered free.

PENTSTEMON

For Seeds, See Page 45

Garden Perennials, producing Foxglove flowers of various brilliant colors. Plants 6 for 40c; 75c per doz.; \$5.50 per 100, delivered free.

POLYANTHUS (Garden Primrose)

For Seeds, See Page 46

COWSLIP or Garden Primrose—A truly grand Spring flowering plant for the garden or house. The flowers are daintily edged and come in a fine range of beautiful colors. Strong plants, grown from a selected strain of imported seed for Winter and Spring blooming. 15c each; 6 for 60c; \$1.00 per doz.; \$6.00 per 100, delivered free.

PHLOX (Assorted Colors)

For Seeds, See Page 45

Among the hardy perennial plants, no class is of more importance or is more in public favor today than the Hardy Phlox, embracing as they do a wider range of attractive colors than can be found in any other hardy plant, while their gorgeous masses of color are unrivaled by any other Summer flower. Many varieties which heretofore have been scarce and high-priced are now offered in our choice collection. 25c per plant; 3 for 65c; \$2.50 per doz., delivered free. Ready for immediate delivery.

PYRETHRUM (Golden Feather—Feverfew)

For Seeds, See Page 46

AUREUM—Sometimes called Golden Feather. Very largely used in the gardens for edgings, borders and bedding. Plants 50c doz.; \$1.50 per 100, delivered free.

ROSEUM—They are easy to grow. Very showy, hardy and invaluable as a cut flower during Summer and Autumn. Flowers range from rose to carmine. This species is the basis for the well-known insect powder being manufactured from the dried flowers. Plants 15c each; 6 for 60c; \$1.00 per doz., delivered free.



Sturdy Phlox Paints Your Garden in Delicate Pastels

These Popular Perennials

Bid for a place in your old-fashioned Garden

SANTOLINA

A low-growing plant of gray color, very largely used for edging and ribbon work; trims well and has a narrow leaf; a half-hardy perennial. Plants 50c per doz.; \$3.00 per 100, delivered free.

SAXIFRAGA

CRASSIFOLIA—A low-growing plant with large leaves, adapted for shady places. Flowers are large size—pink in color—growing in large panicles rising about one foot above plant. Blooms in Fall and throughout Winter. Plants 25c each; \$2.50 per doz., delivered free.

SCABIOSA CAUCASICA

For Seeds, See Page 47

Scabiosa, known to many as the old fashioned Pincushion flower, now comes in improved varieties, offering flowers of very large size and beautiful coloring. A hardy perennial.

BLUE BONNET—Scabiosa with large light-blue flowers borne on long stems, fine for cutting. Grows three feet high. Seedlings, 15c each, \$1.25 per doz. Two-year-old, plants, 20c each; 3 for 55c; \$2.00 doz., delivered free.

COLUMBARIA—The deep rosy-mauve flowers measure 2 to 2½ inches across. The delightful rosy color makes this Scabiosa unique. Ideal for cutting. Plants from 3-inch pots, 25c each; 3 for 65c; 12 for \$2.50, delivered free.



Scabiosa, "Grandmother's Pincushion"

SHASTA DAISY (Alaska)

For Seeds, See Page 37

"Luther Burbank's New Shasta"—This grand, large flowering Daisy originated with our friend, Luther Burbank. The flowers measure fully four inches across and have one or more rows of long, slender, snowy-white petals surrounding a small golden-yellow center or eye. As the extra large flowers come singly on a stiff slender stem nearly two feet in length, they are especially useful as cut flowers to arrange in tall vases. Hardy as oak trees. Plants 6 for 40c; 75c per doz.; \$4.50 per 100, delivered free. Ready for immediate delivery.

SNAPDRAGON

(Antirrhinum)

For Seeds, See Page 47

Whether grown for cutting, or for show in the garden, Snapdragons are one of the most valuable flowers. Begin flowering early and continue until hard frosts. Large bright scarlet or delicate pink flowers. Plants 6 for 40c; 75c doz.; \$4.50 per 100, delivered free. Ready for immediate delivery.



Snapdragons Bloom Abundantly to the Very Edge of Winter

STATICE

For Seeds, See Page 50

CASPIA—Foliage very compact and close to the ground, flowers small and of a rosy-lilac color. Very useful and charming for borders. Plants 25c each; 3 for 65c; \$2.50 per doz., delivered free.

PEREZII—The leaves are very large. The flowers stand well above the leaves on long stiff stems. Very large and of a beautiful blue color. Plants 25c each; 3 for 65c; \$2.50 per doz., delivered free.

SINUATA—Blooms from mid-Summer until late Fall. Very hardy. The stalks are covered with minute blue flowers, which can be dried and used in vases in the Winter. Leaves grow very compact and close to the ground. Plants 2 for 20c; 6 for 60c; \$1.00 doz., delivered free.

STOKESIA (Stoke's Aster)

For Seeds, See Page 50

Stokesia with its lavender-blue cornflower-like blossoms is much used for hardy borders. Plants grow about 24 inches high, each bearing from 20 to 30 handsome flowers, much used for cutting. Blooms from July till frost. Plants 20c each; 3 for 50c; \$1.50 per doz., delivered free.

SWEET WILLIAM

For Seeds, See Page 50

MAMMOTH FLOWERING—A great variety of brilliant colors, including crimson, salmon pink, white and cerise—many with large white eyes. All are sweetly scented. This old favorite is of easy culture and thrives in any good soil. Plants form fine clumps, lasting for years. Plants 6 for 40c; 75c per doz.; \$5.50 per 100, delivered free.

THALICTRUM

(Meadow Rue)

For Seeds, See Page 50

Hardy perennial. Growth very vigorous, 4 to 5 feet. Flowers rosy purple, with yellow stamens, produced in graceful sprays. Plants 25c each; 3 for 65c; \$2.50 per doz.; delivered free.

THYME

For fragrant, hardy little edging plant, Thyme is ideal. Navlet's selected plants give you the very best variety. Plants 6 for 40c; 75c per doz.; \$5.50 per 100, delivered free.

TRACHELIUM

Very pretty, half-hardy, biennial plants, with showy, bell-shaped flowers, varying from very dark blue to nearly white. It is an excellent plant for vases and like purposes. Plants 25c each; 3 for 65c; \$2.50 per doz., delivered free.

TRANSVAAL DAISY (Gerbera)

For Seeds, See Page 40

This hardy perennial is now offered in a host of other colors as well as bright red. Flowers are large and held on tall stems. A favorite wherever grown. Plants 20c each; 6 for \$1.10; \$2.00 per doz., delivered free. Two-year-old roots, 50c each; 6 for \$2.75; \$5.00 per doz., delivered free.

TRITOMA (Kniphofia) (Red Hot Poker)

VARIA—Very hardy. Leaves grass-like at the base. Flowers borne on end of a long stiff stem, resembling a red-hot poker. Plants 15c each; 6 for 65c; \$1.25 per doz., delivered free.



Sweet William, of Stalwart Growth, but Delicately Patterned

VALERIAN

For Seeds, See Page 50

Valerian gives a border of large, fragrant flowers, resembling heliotrope in perfume. This hardy perennial grows two to three feet high. Plants 15c each; 6 for 40c; 75c per doz., delivered free.

VERBENAS

For Seeds, See Page 51

MAMMOTH FLOWERING—Gorgeous colors—For abundance of bloom, size of flower and truss, beauty of form, richness of color and vigorous growth, our Mammoth Flowering Verbenas are unsurpassed. They begin to spread immediately, and soon cover the ground with a carpet of bloom. Ideal for borders or strips in sunny places. Mixed colors, 6 for 30c; 50c per doz.; 100 for \$3.50. Plants: Separate colors—Pink, scarlet, purple, or white. 6 for 40c; 75c per doz., 100 for \$5.50, delivered free. Ready for immediate delivery.

Violets and Verbenas

VIOLET PLANTS—(3 Wonderful Species)

MARIE LOUISE—A magnificent double violet. It is a prolific bloomer and will thrive in shady places where most plants will not do well. The foliage is extremely luxuriant and of a pleasing glossy green. The large double blooms are exquisitely perfumed and are borne on long, strong stems. Plants: 6 for 40c; 75c doz.; \$5.00 per 100, delivered free.

PRINCESS OF WALES—A glorious and very fragrant variety of fine habit. Sturdy growth and justly famous for its early and continuous blooming and the immense number of flowers it bears. It is a distinct type of the California Violet—being a lighter purple. The flowers average larger than a silver dollar, and are borne on gracefully poised stems from 12 to 14 inches long. Plants: 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.

PURPLE KING—For size, order Princess of Wales—for profusion of flowers, order the Purple King. You have never seen a Violet bear so abundantly as this. It is a perfect marvel. And while the blooms are of only medium size, they are perfect in form with a soft velvety sheen that is undescribably attractive. One of the chief features is the fact that they will keep a week after picking. 6 choice plants 30c; 50c doz.; \$3.50 per 100, delivered free.

VIOLA (Tufted Pansy)

For Seeds, See Page 51

JERSEY GEM—A variety with pure violet-blue flowers. Plant compact, sturdy habit of growth with flower borne on good stems. Ideal for cutting. Desirable plant for rockery. Plants: 20c each; 3 for 55c; \$2.00 doz., delivered free.



YUCCA (Spanish Bayonet)

YUCCA FILAMENTOSA—(Adams Needle)—Forms a clump of bold, stiff sword-shaped leaves, 3 to 4 feet high, surmounted in Spring with a large flower stalk. Plants: 35c each; 6 for \$2.00; \$3.50 per doz., delivered free.

YUCCA WHIPPLEI—(Spanish Bayonet)—The finest of all yuccas, the magnificent flower stalks bearing thousands of waxy white flowers, rising 10 to 15 feet above the low rosetts of narrow leaves at the base. Plants: 50c each; \$5.00 per doz., delivered free.

WALLFLOWER

For Seeds, See Page 51

Well known and popular old-fashioned flower. Very fragrant. Plants: 6 for 35c; 60c per doz.; \$4.00 per 100, delivered free. Ready for immediate delivery.

Navlet's Choice Annual Plants

A condensed list of some of our most popular Flowering Annuals—strong, thrifty plants, ready to burst into showers of exquisite bloom. For seeds of these annuals, See FLOWER SEEDS, pp. 34-51.

ARCTOTIS (African Lilac Daisy)—Pure white, reverse of petals lilac-blue. Plants 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.

ASTERS—Mammoth Flowering—Bright pink, crimson, white, lavender, blue. Plants 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.

CALENDULA—Deep orange or lemon, very large. Plants 6 for 20c; 35c doz.; \$2.50 per 100, delivered free.

COSMOS—Red, pink, white or assorted. Plants 35c doz. \$2.50 per 100, delivered free.

CINERARIA—White, blue, violet, crimson. Usually two or more colors in each flower. Plants 15c each; 6 for 40c; 75c doz., delivered free.

ENGLISH DAISY—Mammoth double flowering, white, pink, or assorted. Plants 6 for 30c; 50c doz.; \$3.00 per 100, delivered free.

LOBELIA—Dwarf—Dark blue. Plants 35c doz.; \$2.50 per 100, delivered free.

Double Dwarf—Intense blue—Plants 10c each; 3 for 25c; \$1.00 per doz., delivered free.

Trailing—Light blue—Plants, 6 for 30c; 50c per doz.; \$3.50 per 100, delivered free.

MARIGOLD—African—Orange King or Lemon Queen. Plants 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.

French—Plants 35c doz.; \$2.50 per 100, delivered free.

PANSIES—Giant Ruffled—Very large, in beautiful colors. Plants 35c doz.; \$1.25 for 50; \$2.25 per 100, delivered free.

PETUNIAS—

Ruffled Giants of California. (Single)—Huge size, in tremendous variety of colorings and markings. Plants 4 for 30c; 75c doz.; \$5.50 per 100, delivered free.

Royal Purple (Single)—Plants 15c each; 6 for 80c; \$1.50 doz.; \$10 per 100, delivered free.

Mammoth Fluted Giants of California (Double)—Tremendous size and heavily double, ruffled and fluted. Self colors and multi-colored. Plants 15c each; 6 for 80c; \$1.50 doz.; \$10 per 100, delivered free.

SALPIGLOSSIS—Veined in rich colorings. Plants 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.

SALVIA (Scarlet Sage)—Choice of Splendens, a long spiked variety, or Zurich, a dwarf type. Plants 6 for 40c; 75c doz.; \$5.50 per 100, delivered free.

SCABIOSA (Mourning Bride)—White, carmine, lilac, maroon. Plants 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.

STOCK (Gilliflower)—Assorted colors. Plants 6 for 30c; 50c doz.; \$3.50 per 100. Separate colors, white, red, purple, crimson, yellow. Plants, 75c doz.; \$4.00 per 100, delivered free.

ZINNIAS—Immense, double blooms White, golden yellow, scarlet, purple. Plants 6 for 30c; 50c doz.; \$3.50 per 100, delivered free.



Casa Bella, the Saratoga estate of Mr. and Mrs. H. Ray Fry, combines a rich planting of Palms, Broad-leaf Evergreens, and Conifers, enlivened by the flash of color from Roses, Flowering Shrubs, and sumptuous Vines. —Planting by Chas. C. Navlet Co.

Shrubs and Ornamental Trees

Glossy Broad-leaf Evergreens, Deep-shadowed Conifers, the Delicate Grace of the Flowering Shrubs and Trees—You'll Find Them All in These Pages Listing Navlet's Own Choice Nursery Stock

Every dollar invested in well chosen Shrubbery comes back to you two-fold in the enhanced value of your property. And in the meantime, it pays you dividends every day in cool, refreshing greenness, in the dappled play of sunshine and shadow, in the flash of color from blossoms and berries. By all means, plant Shrubbery. It's not a Home until it's planted.

KEY TO ABBREVIATIONS

Used in the following pages:

- T—Tree.
- DT—Deciduous Tree.
- ET—Evergreen Tree.
- Con. T.—Coniferous Tree.
- S—Shrub.
- DS—Deciduous Shrub.
- ES—Evergreen Shrub.

PLANT THIS FALL

While California conditions permit a year-round planting for almost all Shrubs, we urge you, if possible, to set out your Shrubs this Fall. Fall-planted Shrubs develop a stronger root system over the winter months, and gain the advantage of early Spring growth. They derive the benefit of the winter rains and the cooler temperatures, and invariably result in stronger, sturdier specimens. Plant this Fall.

VISIT OUR NURSERIES

We have endeavored to give you in the following pages as complete a picture as possible of our offerings in Shrubs and Ornamentals. It is always an inspiration and a satisfaction, however, to visit the Nursery in person, where you can view the thousands of Shrubs, Trees, Roses, Perennial Plants, etc., and make your own selection of stock. We extend you a cordial invitation to visit either of our big Nurseries—one on the San Francisco Highway, 1 mile south of Sunnyvale, the other in San Jose, at 497 Prevost Street, between Grant and Auzeais. Visitors are welcome daily.

FREE DELIVERY

Shrubs, with few exceptions, are delivered free up to and including the 4th Zone (200 miles by airline from San Jose). In a few cases where items are not marked "Delivered Free," purchaser pays the transportation. This free delivery service, combined with the low prices prevailing throughout our Nursery stock, means a substantial saving to the buyer.

NAVLET'S 1933 SHRUB BARGAINS

INDEX TO NAMES (A-J)

A handy reference guide, giving the Botanical names of various popular Shrubs as you will find them listed on the following pages.

- ARBOR VITAE—Thuya
- AUSTRALIAN TEA TREE—
Leptospermum
- BARBERRY—Berberis
- BEEFWOOD—Casuriana Stricta
- BOTTLE BRUSH—Callistemon
- BOTTLE TREE—Sterculea
- BOXWOOD—Buxus
- BREATH OF HEAVEN—
Diosma
- BROOM—Genista
- BURNING BUSH—Pyracantha
- BUTTERFLY BUSH—Buddleia
- CAMPHOR TREE—
Cinnamomum
- CEDAR—Cedrus
- CHERRY—Prunus
- CRAPE MYRTLE—
Lagerstroemia
- CYPRESS—Cupressus
- DOGWOOD—Cornus
- ENGLISH HOLLY—Ilex
- FLOWERING MAPLE—
Abutilon
- GOLD FLOWER—Hypericum
- GUAVA—Feijoa
- HEATHER—Erica
- JAPONICA—Aralia

STAR SHRUB SPECIAL

Your choice of any 12 Shrubs in this catalogue (pp. 68 to 75) marked with a star (*).

12 SHRUBS—
Your Choice..... \$1.50
(Sent Postpaid)

All shrubs market (*) can also be furnished in 2½ in. pots, ready to set out. 25c each, delivered free.

SUPER SHRUB SPECIAL

Your choice of any 12 Shrubs in this catalogue (pp. 68 to 75) priced at 75c or less—

12 SHRUBS—
Your Choice..... \$5.00
(Express Collect)

For other Bargain Collections, see page 14 and Inside Front Cover.

INDEX TO NAMES (K-Y)

A handy reference guide, giving the Botanical names of various popular Shrubs as you will find them listed on the following pages.

- KERRIA—Corchorus
- LAWSON CYPRESS—
Chamaecyparis
- LION'S TAIL—Leonatus
- MEXICAN ORANGE—Choisya
- MOCK ORANGE—
Philadelphus
- MOCK PRIVET—Phillyrea
- MYRTUS—Myrtle
- PEPPER TREE—Shinus
- PINE—Pinus
- PRIVET—Ligustrum
- ROSEMARY—Rosemarinus
- ST. JOHN'S BREAD—Carob
- SEA OAK—Casuriana Stricta
- SILVERBERRY—Elaegnus
- SNOWBALL—Viburnum
- SNOWBERRY—
Symphoricarpos
- SPRUCE—Picea
- STRAWBERRY TREE—
Arbutus
- THORN—Crataegus
- TOYON—Photinia Arbutifolia
- VIBURNUM—Laurustinus
- WEIGELIA—Diervilla
- YEW—Taxus



Acacia, with its Puffs of Gold

And old-fashioned Barberry, bright with berries

For Explanation of Abbreviations, See Opposite Page

ABELIA (ES)

GRANDIFLORA—Foliage bright glossy green; flowers tubular, an inch long, white flushed with pink, continuing throughout the Summer; handsome shrub as a single plant or planted in groups. 18 inches, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.50 each.

ABUTILON (Flowering Maple) (ES)

Sometimes known as Chinese Bellflower. 1 to 1½ feet, gallon cans, 60c, delivered free.

ACACIA

A beautiful group of evergreen trees and shrubs with fern-like foliage and masses of yellow bloom in late Winter and early Spring. Used extensively throughout California as street trees, as well as for landscape planting singly or in masses.

***ARMATA (Kangaroo Thorn)**—(E. S.)—Spreading shrub, long slender branches, deep green foliage, small, undivided; flowers light yellow borne along branches. 2 to 3 feet, gallon cans, 60c each, delivered free.

***BAILEYANA (Cootamundra Wattle)**—(T.)—Handsome silver blue foliage tree. Golden yellow flowers cover tree in Winter months. 2 to 3 feet, gallon cans, 75c each; \$7.50 per 10, delivered free.

***CULTRIFORMIS (Knife Leaved)**—(E. S.)—Dwarf growing variety, bluish foliage; small peculiarly shaped triangular leaves. Bright yellow flowers. 2 feet, gallon cans, 60c each delivered free; \$5.50 for 10.

***FLORABUNDA**—(T.)—Heavy bloomer. 4 to 6 feet, gallon cans, 60c each; \$5.50 per 10, delivered free.

***LATIFOLIA (Golden Wattle)**—(S. T.)—Slender habit. Leaves long. Glossy yellow flowers at axil of very leaf. 4 to 6 feet, gallon cans, 60c each, delivered free; \$5.50 for 10; 6 to 7 feet, \$1.00 each; \$9.00 for 10.

***MELANOXYLON (Blackwood)**—(T.)—4 to 6 feet, gallon cans, 60c each; \$5.50 per 10, delivered free.

***VERTICILLATA (Star Acacia)**—(S. or T.)—Bushy, spreading habit, leaves linear and lance-shaped; flowers bright yellow. Fine for home grounds and parks. 2 to 3 feet, gallon cans, 60c each, delivered free.

ARALIA (Japonica)

A massive plant of tropical appearance with very large, shining green, deeply lobed leaves. A splendid porch plant, also suitable for outdoors in the shade. 2½ inch pots, 25c each, postpaid; 1 to 1½ feet, gallon cans, 60c each; \$5.50 for 10, delivered free.

ARBUTUS (Strawberry Tree) (ES)

UNEEDO—A very handsome shrub with dark green foliage. Flowers urn shaped, very desirable as tub plant. 1 to 1½ feet, gallon cans, 60c; 2 to 3 feet, field grown, \$1.50, delivered free.

AUCUBA (ES)

JAPONICA—Sometimes called the "Gold Dust Tree" because of its large glossy foliage marked with yellow spots. Fine for porch decoration. Does best in partial shade. 1 foot, gallon cans, 60c, delivered free.

BERBERIS (Barberry)

DARWINI—(E. S.)—Has leaves shaped like those of the Holly and bears an abundance of yellow flowers and blue berries during the Winter and Spring. 1 to 1½ feet, gallon cans, 60c each, delivered free; 2½ to 3 feet, field grown, \$1.50.

***THUNBERGI (Thunberg's Japanese Barberry)**—(D. S.)—An attractive small shrub of arching growth. Flowers are yellow; berries red. The foliage assumes a brilliant and beautiful coloring in the Fall. 1 to 1½ feet, 60c each; 12, \$6.50, delivered free; 2½ to 3 feet, field grown, \$1.50 each.

***VULGARIS**—(E. S.)—Handsome in Spring with its golden yellow flowers and light green foliage, and in the Fall, with its bright scarlet berries. 1½ to 2 feet, gallon cans, 60c each, \$6.50 per doz., delivered free; 2 to 3 feet, balled, \$1.50 each.

***WILSONI**—(E. S.)—An introduction from western China of very dwarf habit, small glossy green leaves and long spines. The foliage in the Fall assumes beautiful red tints; has attractive yellow flowers followed by red berries in the Winter. 1 to 1½ feet, gallon cans, 60c each, delivered free; p to 3 feet, field grown, \$1.50.

BUDDLEIA (Butterfly Bush) (ES)

***MAGNIFICA**—(E. S.)—Fast growing shrub. Flowers lilac-pink. Generally called Summer Lilac. 3 to 4 feet, gallon cans, 60c each, delivered free.

BUXUS (Boxwood) (ES)

Boxwoods have become almost indispensable to complete the landscape of every home. They can be trained either square, globe, pyramid, tall or short. Pyramid shaped, 14 to 20 in., \$5.00 each; globe shaped, 10 to 14 in. diameter, \$3.50 each; 14 to 20 in. diameter, \$5.00 each. Purchaser pays transportation.

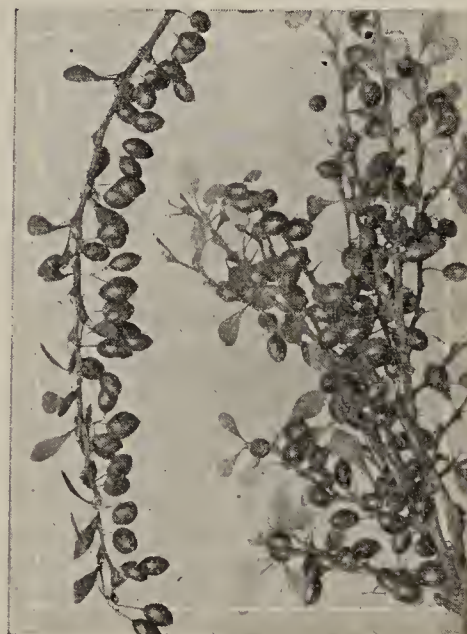
DWARF—(E. S.)—For borders. 4 to 6 in., \$1.00 per 10; \$8.00 per 100, delivered free.



Feathery Acacia is the First Harbinger of Spring



A Sturdy Boxwood, Balled for Shipping



The Barberry Massed with Brilliant Berries

Cedars Massed Against the Winter Skyline

With Delicate Dogwood for Spring, and the Blaze of Cotoneaster in Autumn

CALLISTEMON (Bottle Brush) (ES)

***RIGIDUS**—(E. S.)—A very attractive flowering shrub. The flowers are red and the exact shape of a bottle brush, which gives the common name. 1½ to 2 feet, gallon cans, 75c, delivered free.

CAMELIA (ES)

This well-known shrub needs no description. We have them in either double pink or double white flowers. 12 to 15 inches high, \$1.50 each, delivered free.

CAROB (St. John's Bread) (ET)

CERATONIA SILIQUA—A tree admirably adapted for avenue planting or single specimen. Long-lived, deep-rooted; does not become too large or straggly. 1 to 1½ feet, gallon cans, 85c; 12 for \$8.50, delivered free.

*CASURIANA STRICTA (Beefwood, Sea Oak) (ET)

Fine street tree for all locations. Grows very fast; has bunchy reed-like foliage resembling a Pine. 4 to 5 feet, gallon cans, 60c, delivered free.



Cedrus Deodara is a Magnificent Single Specimen Tree

CASSIA (ES)

Winter blooming shrubs, with a profusion of yellow flowers.

ARTEMISOIDES—Very attractive finely cut, silver gray foliage, forming a lacy bush. Flowers clear yellow, sweetly scented. Very hardy and drought resistant, and a great addition to a shrubby group. 1½ to 2 feet, gallon cans, 60c, delivered free.

TOMENTOSA—Partially evergreen, with yellow flowers in Winter. We do not recommend planting where temperature falls below 27 degrees. 2 to 3 feet, 75c, delivered free.

CEDRUS (Cedar) (Con. ET)

The Cedars are among the most beautiful evergreen trees and are adapted to all the Pacific Coast.

***ATLANTICA** ("Mt. Atlas Cedar")—Resembles the C. Leban; the foliage is a lighter bluish green. 1 to 1½ feet, gallon cans, 75c; \$7.50 per doz., delivered free; 2 to 3 feet, field grown, \$1.50; 4 to 6 feet, balled, \$4.50.

DEODARA ("Deodar")—A magnificent, stately evergreen conifer of pyramidal form. Foliage beautiful silver green. Most rapid grower of all Cedars. 1 foot, gallon cans, 75c; \$7.50 per doz., delivered free; 2 to 3 feet, \$1.50; 3 to 4 feet, \$3.00 each; 5 to 6 feet, balled, \$6.00.

***LEBANI** ("Cedar of Lebanon")—Native of West Asia. Makes a tall pyramidal tree resembling the Deodara, when it has attained a large size. Foliage darker and more irregular and open habit. 1 to 1½ feet, gallon cans, 75c each; \$7.50 per doz., delivered free; 3 to 4 feet, \$1.50, balled; 4 to 6 feet, \$3.00, field grown; 6 to 8 feet, \$5.00, field grown.

CRYPTOMERIA ("Fine-leaved Japan Cedar")—Very ornamental, fine feathery foliage, turning to reddish brown in winter. Excellent for lawn planting. 1 to 1½ feet, gallon cans, 75c, delivered free.

CHAMAECYPARIS (Lawson Cypress) (Con. ET)

A hardy coniferous evergreen, much used in landscape effects. Also known as Flat-branched Cypress.

LAWSONIANA ALUMNI ("Blue Lawson Cypress")—The most popular Lawson Cypress. Color is a metallic silver blue foliage and habit of growth is symmetrical. The branchlets are flattened, very close together, plant forms an upright pointed column. Very slow grower; will ultimately reach a height of 12 to 15 feet, which will take many years. 2 to 3 feet, balled, \$3.00 each; 3 to 4 feet, balled, \$3.50.

***LAWSONIANA VIRIDIS** ("Green Column Cypress")—Ornamental and distinct. Similar to Cy. Lawsoniana Alumni. A compact symmetrical, pyramidal plant, very rich green in color. 1 to 2 feet, seedlings, 75c, delivered free; 2 to 3 feet, balled, \$3.00 each; 3 to 4 feet, \$4.50 each.

***PISIFERA PLUMOSA**—Small tree of conical outline with deep green, fern-like foliage. 1½ to 2 feet, gallon cans, 60c, delivered free.

CHOISYA (Mexican Orange) (ES)

TERNATA—A useful shrub with bright green, clean-cut foliage; flowers white, fragrant, and borne in clusters. Thrives in most any situation. 1 to 1½ feet, gallon cans, 60c, delivered free.

CINNAMOMUM (Camphor Tree) (ET)

CAMPORA AFFICINALIS—Fine in groups or for street planting. Foliage is very dense, compact, light green. 2 to 3 feet, gallon cans, 75c, delivered free.

COPROSMA (ES)

BAUERI—Fine as a bushy border against a wall or porch. Round, glossy foliage. Flowers small and followed by showy yellow berries. 1½ to 2 feet, gallon cans, 60c, delivered free.

CORCHORUS (Kerria) (S)

***JAPONICA**—A graceful slender shrub bearing numerous golden yellow flowers similar to small roses from April to October. Fine for dry situations. 2 to 3 feet, gallon cans, 60c each, delivered free; 3 to 4 feet, gallon cans, \$1.00.

CORNUS (Dogwood) (DS)

CAPITATA—Medium size shrub with lovely cream color blooms; berries blue. 2½ inch pot, 25c each, delivered free.

CORONILLA (ES)

GLAUCA—A beautiful blooming shrub with fine, gray-green foliage. Flowers pea-like, deep golden yellow, intensely fragrant by day but scentless at night. 1 to 1½ feet, gallon cans, 60c each, delivered free.

COTONEASTER (ES)

An exceedingly desirable shrub largely used for its foliage effect in banking and massing, also for its brightly colored orange or red berries, borne in Fall and Winter. Very hardy and fast growing, ranging from small to medium in height.

***ACUMINATA** (Himalayas)—Six feet. Grows erect; medium size pointed leaves; pinkish-white flowers; large showy red berries. 1½ to 2 feet, gallon cans, 60c, delivered free; 2½ to 3 feet, field grown, \$1.00 each.

***FRANCHETTI**—(China)—Six feet. This is a fast growing, spreading variety with upright arching branches. Leaves medium size, dark green on top and silvery beneath. Many orange-red berries scattered on the branches in Winter. 2 to 3 feet, gallon cans, 60c each, delivered free; 2½ to 3 feet, field grown, \$1.00.

***HARROVIANA**—New variety, of tall, graceful branching habit. White flowers, with berries a rosy red, borne in large masses. 1 to 1½ feet, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00 each.

***HORIZONTALIS** ("Rock Cotoneaster")—Two feet. One of the very best trailing shrubs, growing flat on the ground. Very small, dark green leaves. The great quantities of small bright red berries produce a beautiful effect. 1 foot, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00.

***MICROPHYLLIA** ("Rockspray")—(Himalayas)—Four feet. A low-growing dense shrub with small round leaves, dark green in color. Berries borne along the stem are bright red. 1 to 1½ feet, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00 each.

***PANNOSA** ("Silverleaf Cotoneaster")—(Himalayas)—Eight feet. One of the best and most useful. Foliage soft gray-green. Under sides of the leaves silvery in color. Flowers are white and bloom in the Spring, followed by great masses of silvery red berries which remain all Fall and Winter. Fast growing and of a loose growing habit. 2 to 3 feet, gallon cans, 60c each, delivered free; 3 to 4 feet, field grown, \$1.00.

***SALICIFOLIA** ("Willowleaf Cotoneaster")—(China)—Two feet. A fast growing creeping variety with dark green leaf; branches horizontal and drooping. Flowers are white, followed by many red berries. 1 to 1½ feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.00.

***THYMIFOLIA** (Rockspray)—A low-growing dense shrub with small round leaves, shining dark green in color. Berries bright red, borne along the stem. 1 to 1½ feet, gallon cans, 60c, delivered free; 1½ to 2 feet, field grown, \$1.00.

Cypress for the Formal Landscape

And Bonny Heather from the Misty Moors of Scotland

CRATAEGUS (Thorn) (DT)

HAWTHORN—Double Pink, Double Red and Double White—Dormant. 5 to 6 feet, \$1.00 each; 6 to 8 feet, \$1.50 each.

CORDATA (Washington Thorn)—A handsome small tree. Leaves triangular lobed, deep glossy green; flowers white, followed by intensely red berries. Bare root, 5 to 6 feet, \$1.00 each.

CUPRESSUS (Cypress) (ET)

The more symmetrical varieties are much used in formal landscape planting, either massed or as individual specimens. Other types with heavy growth are excellent as windbreaks, or for hedge growth.

***ARIZONICA (Arizona Cypress)**—Handsome tree, with brilliant silvery blue foliage. Growth rather compact, with somewhat stout branches. Bark red. 2 to 3 feet, gallon cans, 60c each, delivered free. 3 to 4 feet, field grown, \$1.50.

***MACROCARPA (Monterey Cypress)**—The well-known Cypress tree of California. Valuable for hedges, windbreaks, and as a shelter along the sandy seashore. Does well in all sections of the Pacific Coast. Gallon cans, 2 to 3½ feet, 75c each; \$7.50 doz., delivered free; 4 to 5 feet, balled, \$1.50 each.

***SEMPERVIRENS FASTIGIATA (Italian Cypress)**—Tall, tapering, branches erect, growing parallel with trunk; branches frond-like, of a rich deep green. Used generally on each side of entrance or on outside corners of homes. 1½ to 2 feet, gallon cans, 60c, delivered free; 3 to 4 feet, \$1.00; 4 to 6 feet, field grown, \$2.50.

DAPHNE (ES)

A low growing shrub, fine for grouping and borders. Fragrant white or pink flowers. 6 to 8 inches, \$1.00 each, delivered free; 1 to 1½ feet, balled, \$3.00 each; 2 to 3 feet, balled, \$5.00 each.

DASYLIRION

A highly ornamental plant for isolated specimens on lawns, staircases and similar uses in formal style of landscaping. The leaves are very narrow, in countless numbers, forming a dome or globe shape. They have an individuality all their own. The flower stalks grow 8 to 10 feet high, giving a strong impression of the desert. 1 to 2 feet, gallon cans, 60c each, delivered free; 3 to 4 feet, balled, \$3.50 each.

DEUTZIA (DS)

CRENATA—Graceful shrubs with slender branches and effective foliage, blooming in great profusion. The flowers are produced on long racemes, like Lily of the Valley; fine for cutting, requiring severe pruning immediately after flowering. 2 to 3 feet, gallon cans, 60c each, delivered free.

DIERVILLA (Weigelia) (S)

VAN HOUTTEI—A wonderful free-flowering shrub. Has beautiful pink and red trumpet-shaped flowers. Grows about 6 feet. Deciduous. 2 to 3 feet, \$1.00 each, delivered free.



Heather is Massed with Cheery Little Blossoms

ERICA

(Heather) (ES)

One of the most useful and beautiful of shrubs for landscape planting, either in masses or as single specimens. Many varieties bloom abundantly during the winter, when other flowers are scarce.

***MEDITERRANEAN**—One of the most popular and hardy Heaths. Forms densely branched perfectly globular shrub, with dark green leaves. In Winter it is covered with tiny pink flowers. 1 to 1½ feet, gallon cans, 60c, delivered free.

***CARNEA**—Dwarf growing Heather, flowers bright rose, bell-shaped. Very dainty. 1 foot, gallon cans, 60c each, delivered free.

DIOSMA (Breath of Heaven) (ES)

***ERICOIDES**—An old favorite. Foliage very fine and delightfully scented. Flowers pure white, small and borne in profusion. 2½ inch pots, 25c each, delivered free; 1 to 1½ feet, gallon cans, 60c, delivered free.

ELAEGNUS (Silverberry) (ES)

PUNGENS—Of spreading habit, foliage large with wavy margin. Flowers small and inconspicuous. 1 foot, gallon cans, 60c; 2 to 3 feet, field grown, \$1.50, delivered free.

ESCALLONIA (ES)

Hardy evergreen shrubs with rounded dark glossy green foliage, producing flowers in white, red and pink in large terminal panicles during the entire Summer.

***BERTERIANA**—A compact, quick growing shrub of erect habit, 8 to 10 feet tall. Dark glossy foliage. A continuous bloomer and one of the best shrubs for grouping. 1½ to 2 feet, gallon cans, 60c each, delivered free; 4 to 6 feet, field grown, \$1.25.

***MONTEVIDENSIS**—Most handsome of the white flowering varieties. Flowers borne in large terminal cymes in Fall and early Winter. Leaves notched. 1½ to 2 feet, gallon cans, 60c, delivered free.

***ROSEA**—Growth strong and upright. Leaves rough, serrate and with resinous glands beneath. Flowers pink, in inconspicuous terminal racemes. Very handsome species. 2 to 3 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, balled, \$1.50.

***RUBRA**—Hardy evergreen shrubs with rounded dark, glossy green foliage, producing flowers in red in large terminal panicles during the entire Summer. Of compact growth. 1½ to 2 feet, gallon cans, 60c, delivered free; 3 to 4 feet, balled, \$1.25.

EUGENIA (ES)

HOOKERIANA—Very dark green leaves. Inclined to spread. If trimmed occasionally will make a very compact and beautiful shrub. Fast growing, slightly tender. 2½ inch pots, 25c each, delivered free.

EUONYMUS (ES)

Ornamental evergreen shrubs, very desirable for hedges, also very effective when planted alone.

***ALBA MARGINATUS**—Upright growth. Foliage narrow, margined silvery white. 1 foot, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00.

***AUREA ARGENTEA**—("Golden Margined")—Leaves are marked and edged with gold. Grows tall. 2 to 3 feet, field grown, \$1.00.

AUREA MARGINATUS—Compact dwarf variety. Foliage yellow towards the ends, and mottled with dark and light green in center. 1 to 1½ feet, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00.

***DUC D'ANJOU**—Dark green leaves, striped with light green and yellow in center. Very hardy. 1½ to 2 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.00.

JAPONICUS—Ornamental evergreen shrub, desirable for hedges as they stand pruning well; also very effective when planted alone. Dark lustrous green leaves of dense upright habit. 1½ to 2 feet, gallon cans, 60c, delivered free.

PRESIDENT GAUTHIER—Of upright growth, foliage silvery, margined pink. 1 to 1½ feet, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00.

***PULLCHELLUS**—("Small Leaved")—A dwarf form with small dark green foliage, growing 1 foot high; fine for low edging. 1 foot, gallon cans, 60c each, delivered free; 1 to 1½ feet, field grown, \$1.00.



The Cypress is Reminiscent of old Italian Gardens

Dainty Flowering Shrubs and Prickly Holly



*Hydrangea Combines Massy Shrub
with Mammoth Blossoms*

has few equals for jams and jellies. Quite hardy, and easily grown. 1 to 2 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.50.

FEIJOA

(Guava) (S)

PINEAPPLE—Attractive free or large shrub. Will grow 15 feet high, but can be made into a small shrub by pruning. Leaves glossy green, under side, silvery-gray. Flowers white - purple with red stamens. The oval fruit is delicious to eat, and has a delightful aroma. 2 to 3 feet, gallon cans, 60c, delivered free; 2½ to 3 feet, field grown, balled, \$2.00.

***STRAWBERRY GUAVA**—A fine glossy leaved shrub or small tree, producing an abundance of luscious fruit about the size of a strawberry, round and deep reddish - brown color. The fruit is highly prized for table use when fresh, and

HAKEA (ES)

LAURENA—Ten feet. A Winter blooming shrub, with foliage similar to the blackwood Acacia, bearing curious heads of crimson flowers with white stamens. 2 to 3 feet, gallon cans, 60c each, delivered free.

SALIGNA—Eight feet. Flower-clusters white, small but numerous; leaves pale green, a good drought resistant. 2 to 3 feet, gallon cans, 60c each, delivered free.

SUAVEOLENS—A large rounded bush with curious needle-like leaves bearing white flowers exhaling a sweet fragrance. Easily grown. Wants very little water, hence excellent for dry grounds. 1 foot, gallon cans, 60c, delivered free.

HYDRANGEA (DS)

HYDRANGEA HORTENSIS—8 feet. A popular garden plant or shrub with large foliage and immense heads of light pink flowers, having a tinge of blue when grown in soils containing iron. Strong plants, 75c, \$1.00 and \$1.50 each, delivered free.

HYPERICUM (Gold Flower) (S)

***HENRYI**—Tall, bushy shrub; foliage blue-green; flowers golden yellow, flat, 2 inches in diameter. 1 to 2 feet, gallon cans, 60c each, delivered free.

ILEX (English Holly) (ES)

AQUIFOLIUM—Ideal Christmas Holly. Foliage dark green and prickly. Flowers small, followed by an abundance of bright red berries. Seedling to 1½ feet, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.50.

JUNIPER

Slow growing evergreens, widely adaptable in planting. Some types are of horizontal habit, suitable for rock gardens, and foreground planting, while others attain the height of small trees. Very hardy.

CHINENSIS MASCULA (Pyramidal Chinese Juniper)—(E. T.)—Fine, medium sized, fast-growing tree, attains height of about 20 feet. Similar to above, but more dense and compact with darker blue-green foliage. Field grown, 2 to 3 feet, \$1.25.

***CHINENSIS PFITZEBIANA (Pfitzer's Juniper)**—One of the finest Junipers in cultivation. Bushy widespread horizontal branches forming an immense flat irregular head of bluish green foliage very graceful in outline. Field grown, 1½ to 2 feet, \$1.50; 2 to 3 feet, \$2.00.

***COMMUNIS HIBERNICA (Irish Juniper)**—Slender, erect, dense columnar growth. Needle-like, very glaucous foliage. Valuable where small columnar tree is desired. 2½ inch pots, 25c, delivered free.

***EXCELSA STRICTA (Spiny Greek Juniper)**—Slow growing, small conical of regular form. Silvery needle-like foliage. Suitable for foundation planting. 2 to 3 feet, \$1.50; 3 to 4 feet, balled, \$2.50.

***SABINA TAMARISCIFOLIA (Con. S.)**—Low growing, densely branched, trailing bright feathery foliage. Fine for rock work, banks, etc. Field grown, 1 to 1½ feet, \$1.00; 1½ to 2 feet, \$1.50 each.

LAGERSTROEMIA (Crape Myrtle)

***INDICA ROSEA**—"Pink Crape Myrtle," grows 10 to 20 feet. One of the best flowering shrubs or small trees. During July, August and September they are a mass of crinkled flowers resembling crape, in a beautiful pastel shade of pink. 1½ to 2 feet, gallon cans, 60c, delivered free; 2 to 2½ feet, balled, field grown, \$1.00.

LAUREL (ES)

ENGLISH LAUREL—Fine, large glossy leaves that are never attacked by insects. Effective Summer and Winter. Excellent for hedges, group planting for screening, and as individual specimens. Responds to trimming extremely well. 1 to 1½ feet balled, \$1.50; 2½ to 3 feet, \$2.50.



Junipers Vary from Spreading Dwarfs to Tall Trees

FLAX

PHORMIUM TENAX (New Zealand Flax)—Clear green foliage, attaining a length of six feet or more, with flower stalks in proportion. 1½ to 2 feet, gallon cans, 60c, delivered free.

FREMONTIA (DT)

CALIFORNICA—Named after General Fremont, who discovered it in '46. Ornamental, beautiful, golden yellow flowers. Grows 10 to 20 feet high. 2 to 3 feet, gallon cans, \$1.00, delivered free.

FUCHSIA (ES)

A shade-loving shrub characterized by graceful drooping flowers in a wide variety of beautiful color combinations. Most varieties bloom freely throughout the entire summer. Plant in shady places and water copiously during hot weather.

BALLET GIRL—Sepals pure white, with vivid carmine corolla. 20c each; \$1.50 per doz., delivered free.

BLACK PRINCE—Very large, double, beautiful flowers. Sepals bright waxy-carmine, corolla pink. 20c each; \$1.50 per doz., delivered free.

MRS. E. G. HILL—Sepals bright crimson; large, white corolla. Perfectly double. 20c each; \$1.50 per doz., delivered free.

PHENOMENAL—Double flowers. Tube and petals bright carmine—corolla rich crimson-purple. 20c each; \$1.50 per doz., delivered free.

STORM KING—Of dwarf habit. Sepals dark carmine—corolla white, shaded rose. 20c each; \$1.50 per doz., delivered free.

GENISTA (Broom) (ES)

A rapid growing shrub with an abundance of large, pea-shaped yellow flowers, blooming in early Spring. Some varieties are sometimes classed under the species *CYTISUS*, but as the alliance is very close, we have grouped all under *GENISTA*.

***HISPANICA (Spanish)**—Very ornamental, free flowering upright, growing shrub; will succeed in almost any soil or situation. Flowers yellow, produced very freely in the Spring and Summer, on long, pendulous round leafless branches. 2 to 3 feet, gallon cans, 60c each, delivered free.

***CANARIENSIS**—A dense growing shrub. Flowers bright yellow, foliage small. 2 to 3 feet, gallon cans, 60c each, delivered free.

RACEMOSUS—Very desirable for its free-blooming quality; grows to a medium size. Flowers yellow and fragrant. 2 to 3 feet, 90c each, delivered free.

SCOPARIUS (Scotch)—Shrub with rigid branches; flowers large and clear yellow; seed pods almost black. 1 to 2 feet, 60c each, delivered free.

GREVILLEA (ET)

***ROBUSTA**—A very large tree with fern-like foliage. Covered with orange colored flowers late in Spring. The flowers are a great source of honey for bees. Does well in all parts of California. One of the most stately trees for avenue planting. Thrives with scarcely any water. 3 to 4 feet, gallon cans, 60c each, delivered free.

Palms That Glitter Like Flashing Swords

LAURUSTINUS (Viburnum) (ES)

***TINUS**—A shrub with rather small, wavy margined leaves. Flowers in broad clusters, pinkish in bud, white when fully open. 1 to 2 feet, gallon cans, 60c, delivered free; 2 to 2½ feet, field grown, \$1.00; 2½ to 3 feet, field grown, \$1.25 each.

***TINUS VARIEGATUM (Variegated Laurustinus)**—Foliage with decided yellow markings. Otherwise true to type above. 1 to 1½ feet, gallon cans, 60c, delivered free; 1½ to 2 feet, field grown, \$1.00.

LEMON VERBENA (ES)

***LIPPIA CITRIODORA**—A fast growing shrub with delightfully fragrant foliage. Bears minute flowers in delicate pyramidal spikes. 2½ inch pots, 25c, delivered free; 1½ to 2 feet, gallon cans, 60c, delivered free.

*LEONATUS (Lion's Tail) (ES)

A soft shrub with hairy stems; flowers brilliant orange tassel-like at each joint of the stem. Very distinctive, fast grower. 1½ to 2 feet, 60c each, delivered free.

LEPTOSPERMUM (Australian Tea Tree) (ES)

***LAEVIGATUM**—Large shrub with graceful arching branches, foliage grayish-green, white flowers. Rapid grower. 2 to 3 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.00 each; 3 to 4 feet, field grown, \$1.25.

***SCOPARIUM**—Of spreading habit; flowers delicate pink. 2½ inch pot 25c, delivered free.

LIBROCEDRUS (ET)

***DECURRENS (Incense Cedar)**—Native to California and Oregon. Vigorous habit, close growth, with conical outline. Fine as a specimen or planted in groups. 1 to 1½ feet, gallon cans, 60c each, delivered free.

LIGUSTRUM (Privet) (ES)

Widely used as a hedge plant, or allowed to grow unclipped for mass or individual planting. The many varieties differ materially in color, type of leaf, general form, etc.

CALIFORNIA (Ovalifolium)—The most popular hedge plant. Never troubled by insects. 2 to 3 feet, 75c for 10; \$5.00 for 100; 3 to 4 feet, 10 plants for \$1.25; 100 for \$10.00; 4 to 6 feet, per 10, \$1.50; per 100, \$12.50; ten rate on California limit delivered free.

***GOLDEN**—A golden yellow shrub of compact growth. Very showy. Well branched. 2 to 3 feet, gallon cans, 60c each, delivered free; 2½ to 3 feet, field grown, \$1.00 each; 3 to 4 feet, \$1.25 each; 2 feet, field grown, ball shaped, 1½ to 2 feet diameter, \$2.00 each.

***JAPONICUM**—Japanese Privet, large shrub, very hardy, makes fast growth. Dark glossy green leaves, white flowers. Can be pruned ball or pyramid shape. 4 to 5 feet, gallon cans, 60c, delivered free.

LILAC (DT)

Purple, white French varieties. 3 to 4 feet, \$1.00, transportation collect.

LONICERA (ES)

***NITIDA**—A handsome shrub with closely set, dark green leaves about a half inch long. Stands trimming well. 1½ to 2 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.00.

LOQUAT (ET)

A beautiful green and creamy white foliage. Does best in the shade. Our stock is grown in 5-gallon cans. 5 to 6 feet, \$4.00, transportation charges collect.



Washingtonia Gracilis is at Once Stalwart and Graceful



California Privet Makes a Compact Well Massed Hedge

MAGNOLIA (ET)

GRANDIFLORA—A handsome tree. Foliage bright, glossy green. Flowers pure white. 3 to 4 feet, gallon cans, \$1.00 each, delivered free.

MYRTLE (Myrtus) (ES)

***COMMUNIS (English)**—A beautiful shrub with small glossy aromatic foliage and white spicy-scented flowers. Grows about 10 feet. 1½ to 2 feet, gallon cans, 60c, delivered free; 2 to 3 feet, field grown, \$1.00.

***COMMUNIS VARIEGATA**—Foliage marked and striped. Very free fruiting and flowering. 2 feet, field grown, \$1.00 each.

***COMMUNIS MICROPHYLLA (Small Leaved Myrtle)**—Foliage exceptionally small and closely set; of spreading habit. 2½ in pots, 25c each, delivered free.

MELALEUCA (ES)

A very effective group of Shrubs, closely related to the Bottle Brushes. Fast growers and resistant to drought, making them adaptable to dry places as well as to sea coast. Excellent when planted for mass effect.

***ARMILLARIES**—Large shrub; foliage needle-like and light green in color. Flowers white, borne in spikes. A rapid grower. 3 to 4 feet, gallon cans, 60c each, delivered free.

***DECUSSATA**—A tall shrub with grayish leaves, adorned with lilac colored flowers on short spikes. Easily grown. 1½ to 2 feet, gallon cans, 60c each, delivered free.

***DIOSMAFOLIA**—Resembles Armillaries very much, except for the leaves, which are much broader. 3 to 4 feet, gallon cans, 60c each, delivered free.

***HYPERICIFOLIA**—Flowers of good size and orange-scarlet in color; foliage oval flat, opposite and slender. 1½ to 2 feet, gallon cans, 60c each, delivered free.

NESOPHILA—Shrub of bushy habit; foliage a pleasing shade of green; oblong flat; flowers lavender-purple. 2½-inch pot 25c each, delivered free.

NANDINA (ES)

***DOMESTICA**—A leafy shrub resembling a dwarf bamboo in looks; foliage pink-tipped in Summer, in Winter a bronzy-red; berries scarlet-red. Fine as a tub plant and in the garden. 1 to 1½ feet, gallon cans, 60c each, delivered free.

OLEANDER (ES)

NERIUM—Pink-salmon or white. Large bushy shrubs, free bloomer, foliage bright green. All parts of the plant are poisonous if eaten. 2 to 3 feet, 75c each, delivered free.

PALMS (ET)

With California's reversion to the Spanish motif in architecture there comes an increasing demand for the planting of Palms, Dracaenas, and kindred semi-tropical types. Effective as single specimens in small plantings or massed for the broad landscape.

***DRACAENA—Indivisa**—Strong, slender trunk, foliage narrow and drooping, varying from green to bronze. 1½ to 2 feet, 75c each, delivered free; 4 to 5 feet, \$4.00 each.

PHOENIX CANARIENSIS—"Ornamental Date Palm"—Easily the best and most popular for general planting in California and the Southwest. Thrives under all sorts of conditions. Quite hardy and grows very rapidly. Dense, immense crown of beautiful curving leaves, each 15 feet long and of pleasing dark green color. Very stately. 1 to 1½ feet, gallon cans, 75c each, delivered free.

WASHINGTONIA GRACILIS—(W. Robusta)—Very tall, stout trunks, surmounted with large fan-shaped leaves, with very few of the thread-like filaments characteristic of other varieties. 1 foot, gallon cans, 75c, delivered free.

Massive Pines and a Blaze of Berries



The Colorado Spruce Makes
a Delightful Living
Christmas Tree

PAMPAS GRASS (ES)

CORTADERIA ARGENTEA (White or Silver-leaf)—The Pampas Grass of Argentine plains, appreciated for its beautiful silvery plumes. In 2½-inch pots, 25c, delivered free.

ROI DES ROSES—Similar to the above except for plumes, rosy-purple when first open, fading to faint lavender pink. In gallon cans, 60c, delivered free.

PARKINSONIA (ET)

ACULEATA — (Jerusalem Thorn)—Interesting shrub; foliage double pinnate, small thorns on leaf stalks; flowers yellow, fragrant, and borne in racemes. Drought resistant and hardy. 2 to 3 feet, gallon cans, 60c each, delivered free.

PHILADELPHUS (Mock Orange) (DS)

A vigorous growing shrub with handsome foliage and fragrant showy white flowers. Deciduous. 2 to 3 feet, gallon cans, 60c each, delivered free.

PHILLYREA (Mock Privet) (ES)

Ornamental, compact-growing, hardy, evergreen shrub. Strikingly handsome bright green leaves with aviliary clusters of white flowers, which are followed in the Autumn by olive-shaped reddish purple fruit. Is valuable for its adaptation to seaside planting, and is specially recommended for planting in the cities. 3 to 4 feet, gallon cans, 60c, delivered free.

PHOTINIA ARBUTIFOLIA (Toyon) (ES)

Christmas Berry. Evergreen shrub, native of California, bearing brilliant red berries in Winter. 1 to 1½ ft. 60c each, delivered free; 1½ to 2 ft. gallon cans, 75c, delivered free.

PICEA (Spruce) (ES)

One of the most decorative of evergreens, growing straight and symmetrical and affording effective contrast with other shrubby groups. Especially desirable as living Christmas Trees.

***CANADENSIS ALBERTIANA** (Black Hill Spruce)—Remarkably bright in color, the foliage varying from green to bluish-green. Forms a symmetrical, compact tree. 2½ in. Pots, 25c, delivered free.

***PUNGENS** (Colorado Spruce)—Tree regular, compact, and pyramidal in form. Foliage rigid, acute, and varying from green to silvery white. Beautiful as a specimen or planted in groups. 2½ in. Pots, 25c; 10 in. to 1 ft. \$1.00, delivered free.

***SITCHENSIS** (Sitka Blue Spruce)—Silvery blue. Most rapid grower, especially adapted for backgrounds in large plantings, for large screen plantings, or windbreaks and hedges. 2½ in. Pots, 25c, delivered free.

POMEGRANATE (ES)

***GRANATUM NANA** (Evergreen Pomegranate)—Very showy shrub with glossy green foliage. Flaming scarlet blossoms and bronze-red fruit. Excellent for small specimens. 1 to 1½ feet, gallon cans, 75c, delivered free.

PINUS (Pine) (Con. T)

***CANARIENSIS** (Canary Island Pine)—One of the finest. Very striking appearance. Leaves in tufts all over the tree. 2 to 2½ feet, 60c, delivered free; 3 to 4 feet, \$1.50, balled, field grown.

***HALEPENSIS** (Aleppo Pine)—Rapid grower. Habit spreading. Leaves medium length, yellow-green. Does well any place in California. 1½ to 2 feet, 60c, delivered free; 2 to 3 feet, field grown, \$1.75 each.

See Page 68 for Abbreviations and Star Specials

PINASTER (Cluster Pine)—Grows to 100 feet high, branches sometimes pendulous forming pyramidal head. Clusters of short cones. 2 to 3 feet, gallon can, 75c each; 10 for \$7.00, delivered free.

***RADIATA** (Monterey Pine)—Handsome and picturesque tree, growth upright. Very rapid grower. For windbreaks, reforesting, shelter and shade, the Pine has few equals. 2 to 2½ feet, 75c, delivered free; 4 to 5 feet, field grown, \$1.50 each.

PITTIOSPORUM (ES)

Hardy, long-lived Shrubs or more than average size, with a compact and vigorous growth. Varieties differ greatly in combination planting.

CRASSIFOLIUM—Fast growing variety, glaucous foliage, leaves dark green on one side and pale green on the other. 1½ to 2 feet, gallon cans, 60c each, delivered.

***EUGENOIDES**—A large upright growing shrub with glossy yellowish-green leaves; a very effective shrub. Very desirable for hedges. 1 to 1½ feet, gallon cans, 60c each, delivered free.

NIGRICANS—A very handsome upright growing shrub. Leaves silvery color and black stems. A very good hedge plant as well as an individual. 2 to 2½ feet, gallon cans, 60c each, delivered free; 2 to 3 feet, field grown, \$1.00.

***TOBIRA**—A low-growing shrub with dark green leaves which broaden toward the end; flowers white, fragrant. 1 to 1½ feet, gallon can, 60c each, delivered free.

TOBIRA VARIEGATED—Variegated form of the Tobira variety. 1 to 1½ feet, gallon can, 60c each, delivered free.

***UNDULATUM**—Small tree, often called a shrub. Deep green, glossy leaves. Fragrant yellowish white flowers. Used very much for tall hedges. 1 to 1½ feet, gallon can, 60c each, delivered free.

PYRACANTHA (Burning Bush) (ES)

One of the most popular evergreens for home planting, affording great masses of brilliant red and orange berries in the Fall and Winter when the garden is devoid of color. Foliage a rich, glossy green. Hardy, and of sturdy growth.

***AUGUSTIFOLIA**—Sometimes known as "Cotoneaster Augustifolia." Growth is very spreading. Leaves are narrow. The berries borne in great abundance, are lemon at first, deepening later to ruddy-orange. 1½ to 2 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, \$1.00, field grown.

***FORMOSIANA**—A compact low growing shrub; foliage quite small and of a good shade of green; berries a bright scarlet red. 1 to 1½ feet, gallon cans, 60c, delivered free; 2 to 3 feet, field grown, \$1.00.

***LALANDI**—Variety of stronger growth, making longer shoots that can be trained against a wall if desired. Leaves a little longer. Berries orange-yellow. 1 to 2 feet, gallon cans, 60c delivered free; 2½ to 3 feet, field grown, \$1.00.

***CRENULATA** (Chinese Evergreen Hawthorn)—Very distinct from other sorts. Growth is more compact, branches slender, leaves longer, narrow and glossy. New growth very ruddy. Flowers about the same, but berries clear, bright red. It is about the earliest red berry-bearing shrub, as color is fully developed by August. Will endure considerable shade. 2 to 2½ feet, gallon cans, 60c each, delivered free; 2½ to 3 feet, field grown, \$1.00.

***YUNNANENSIS**—A vigorous growing variety of recent introduction. Bright glossy foliage and beautiful display of bright coral red berries. 1½ to 2 feet, gallon cans, 60c each delivered free; 2 to 3 feet, \$1.00, field grown.



Pyracantha Affords a Blaze of
Winter Berries



Snowberry is Charming

Shrubs and Early Flowering Fruits

See Page 68 for Explanation of Abbreviations and Star Shrub Specials

PRUNUS (Cherry) (DT)

CAROLIENSIS—A large glossy leaved shrub. Flowers are white, followed by black fruit. 1 to 1½ feet, gallon cans, 75c each, delivered free; 2 to 2½ feet, balled, \$1.00.

INTEGRIFOLIA (Catalina Cherry)—A native tree of Catalina Island. Foliage large pointed and glossy deep green. Fine for hedges or singly. 1 to 1½ feet, gallon cans, 75c each, delivered free; 3 to 4 feet, balled, \$1.00 each.

ILICIFOLIA (California Wild Cherry)—The small tree or large bush, is a native of California. Its holly-like leaves used a great deal for holiday decorations. Wonderfully effective for hedge, masses, or background planting. 1 to 1½ feet, gallon cans, 75c each, delivered free; 2 to 2½ feet, balled, \$1.00 each.

RAPHIOLEPSIS (ES)

RAPHIOLEPSIS OVATA—Japan, 8 feet. Ornamental shrub with stout upright branches and dark green, lustrous foliage. Leaves thick and bush beautifully compact. Covered in Summer with white flowers, followed by clusters of purple berries in the Autumn. Growth slow. 1 to 1½ feet, gallon cans, 60c each, delivered free; 1 to 2 feet, field grown, \$1.00 each.

ROSEMARINUS (Rosemary) (ES)

Small irregular shrub; the foliage is linear. Flowers lavender color. Thrives very well in dry soil. 2 to 3 feet, \$1.50, delivered free.

SEQUOIA (Cont. T.)

SEMPERVIRENS (California Redwood)—1 to 1½ feet, gallon cans, 75c each, delivered free; 3 to 4 feet; field grown, \$2.00; 4 to 6 feet, \$4.00.

GIGANTEA—Giant Sequoia, famous big tree of the Sierras. Grows rapidly, is beautiful at all stages. 1½ to 2 feet, gallon cans, 75c, delivered free; 2½ to 3 feet, field grown, \$2.00 each.

*SHINUS (Pepper Tree) (ET)

A popular shade and ornamental tree, with fine, feathery foliage, producing clusters of reddish berries in the Fall; fine for street or avenue planting. 2 to 3 feet, gallon cans 60c; 3 to 4 feet, gallon cans, 75c, delivered free.

SPIRAEA (DS)

***PRUNIFOLIO** (Double Bridal Wreath)—Beautiful flowering shrub. Pure white double flowers—strong plants. 1 to 2 feet, 75c each, delivered free.

BILLARDI—Flowers pink; 25 to 40 florets make up the racemes. Compact variety, fine for grouping and borders. 1 to 2 feet, 75c, delivered free.

STERCULEA (Bottle Tree) (ET)

Has very large trunk at the base for so small a tree. Will stand extreme heat or cold. Has spotted cream colored leaves. 2 to 3 feet, gallon cans, 60c each, delivered free; 2 to 3 feet, balled, \$1.00 each.

SYMPHORICARPOS (Snowberry) (DT)

RACEMOSA—Native shrub of spreading, arching growth, bearing small pink flowers and showy clusters of very large clear white berries at ends of branches. Bare roots, 3 to 4 feet, well branched, \$1.00 each.

VULGARIS—Red Fruited Snowberry, also known as the Indian Currant. A slender shrub growing 4 feet tall; loaded during the Fall and Winter with small dark red berries in dense clusters. Bare roots, 3 to 4 feet, well branched, \$1.00 each.

TAMARIX (DS)

AFRICANA—A tall slender, strong irregular shrub, with feathery foliage, and small, delicate flowers. Flowers are pink and very attractive, borne profusely on graceful bending branches. 2 to 3 feet, gallon cans, 60c, delivered free.



TAXUS

(Yew) (Con. T)

BACCATA (English Yew) — Tree or shrub with bushy head densely branched, and covered with somber green leaves; a rather slow grower. Field grown, 1 to 2 feet, \$1.00; 2 to 3 feet, \$3.00; 3 to 4 feet, balled, \$5.00 each.

Spirea is Heavily Massed with Dainty White Flowers

THUYA (Arbor Vitae) (Con. ES)

A group of evergreens characterized by unusual compactness and symmetry, the branches flattened and overlapping like scales. Used for formal landscape effects, or as ornamental tub shrubs.

GOLDEN — Dwarf, compact shrub; foliage a bright lustrous permanent yellow. Fine as a garden plant and for porch decorations. 1 foot, field grown, \$1.25 each, delivered free.

GREEN—Compact and symmetrical in shape. Branchlets flattened, leaves overlapping like scale. 1 to 1½ feet, 75c each; \$6.50 per 10, delivered free.

BEVERLEYENSIS — "Golden Column" Arboritae—Grows 15 to 20 feet. Tallest and stately of Chinese varieties. A narrow column of golden, green foliage, a noble and beautiful conifer. 1½ to 2 feet, balled, 75c; 2 to 3 feet, field grown, \$1.50.



Thuya Beverleyensis is One of the Most Popular Ornamentals

***THUYOPSIS DOLOBRATA VARIEGATA** (Variegated Arborvitae)—Dwarf plant with flattened frond-like branchlets, a mixture of light green and cream in color. Requires full or partial shade, with plenty of moisture. A beautiful small plant. 1 to 1½ feet, gallon cans, 60c each, delivered free.

VERONICA (ES)

Handsome dwarf shrubs, useful for grouping, borders, foregrounds and for massing at the base of buildings.

ANDERSONI VARIEGATA—Long foliage and fast growing. Variegated with white; flowers blue, in spikes. 2 to 3 feet, gallon cans, 60c, delivered free.

***BUXIFOLIA**—(Box Leaved Veronica)—Compact dwarf; foliage small and a glossy green; flowers in spikes one inch long and white. 10-inch spread, gallon cans, 60c, delivered free; 1 to 1½ feet, field grown, \$1.00.

***CUPRESSOIDES**—Globular shrub with numerous slender branches clothed with scale-like leaves which give it the appearance of Cypress. Resembles globular Boxwood. 1 to 2 feet, gallon cans, 60c each, delivered free; 1½ to 2 feet, field grown, \$1.00 each.

DECUSSATA—Flowers large, violet blue. Leaves medium sized and closely set. Rather dwarf. 2 to 3 feet, gallon cans, 60c each, delivered free; 1 to 1½ feet, field grown, \$1.00.

DECUSSATA VARIEGATED—One of the best evergreen flowering shrubs. Flowers violet-like-blue, leaves glossy green margined silvery white. 1 to 1½ feet, gallon cans, 60c each, delivered free.

GLAUCYPHILLA—A variety with bluish-green leaves. Flowers white. 1½ to 2 feet, gallon cans, 60c each, delivered free; 1 to 1½ feet, field grown, \$1.00.

IMPERIALIS—Compact shrub. Foliage large and tinged with red. Flowers pinkish purple. Hardy and free blooming. 1 to 1½ feet, gallon cans, 60c each, delivered free; 1 to 2 feet, field grown, \$1.00 each.

VIBURNUM (Snowball) (DS)

Well-known shrub, bearing large, globular clusters of white, flowers during the late Spring. Foliage colors brilliantly in Fall. 3 to 4 feet, \$1.00.

FLOWERING FRUITS

FLOWERING PEACH—Blooms in April and the branches are covered with a mass of beautiful double Pink, dark Pink and Rose Pink flowers as large as Camellias, long before the leaves appear. Dormant. 3 to 4 feet, 75c each, delivered free.

***FLOWERING QUINCE**—This is the first shrub to bloom in Spring, and the bright, scarlet flowers appear in great profusion, covering every branch and twig before the leaves appear; of dwarf habit and well adapted for single plants on the lawn or for borders of groups of trees. Dormant. 1½ to 2 feet, gallon cans, 75c each, delivered free.

FLOWERING POMEGRANATE—Flowers like red carnations, which combine very well with their dark foliage. Can be kept low or trained into a large tree. Blooms all Summer. Dormant. Dwarfs, 1 to 1½ feet, balled, \$1.00 each; Tall, 1 to 1½ feet, balled, \$1.50 each.

FLOWERING PLUM—One of the earliest flowering trees. Has beautiful reddish leaves that keep their color from early-Spring until late Fall. Dormant. 4 to 6 feet, \$1.00 each, delivered free.

Berries, Grapes, and Citrus Trees

Bring a welcome harvest of ripe, luscious fruits

Plant an abundance of Berries. You'll enjoy them fresh from the vine, sparkling with morning dew, ripened to heavy fruity fullness. And you'll want plenty for delicious jams and preserves. The fresher the berries the finer-flavored the jam!

Plant Berries November to March

STRAWBERRIES

(We Recommend Fall Planting Wherever Possible)

BANNER—The Pacific Coast's most popular Strawberry, producing berries of uniformly good size, finely shaped, of a rich, red color. Vines are vigorous and produce abundantly, making them preferred by commercial growers, while their fine flavor makes them popular for home gardens. 35c for 12; \$2.00 per 100; \$15 per 1,000, delivered free.

ETTERBERG—This berry has a wild strawberry flavor. Very large, firm, dark red berries produced on strong, stiff stems, well off the ground. A leader for market or canning. 12 for 35c; 100 for \$2.00, postpaid.

MAGOON—This self-fertilizing Strawberry is a leader in hardiness and possesses many desirable features. The berries are large and of fine form. They are bright red in color, and have a very rich, full flavor. The Magoon is especially good where hard Winters are the rule—as it will stand the most trying weather. 12 for 35c; 100 for \$2.50, delivered free.

MARSHALL—Large size, very sweet with excellent flavor. Heavy producer. Good market variety. 12 for 25c; 100 for \$1.50, postpaid.

MASTODON EVERBEARING (New)—The largest and most productive strawberry. Berries are large, firm, glossy, brilliant red, sweet and juicy with exquisite aroma. Vigorous, well crowned and deep rooted. Excellent shipper. Unexcelled for home and commercial use. 12 for 75c; 100 for \$5.00, postpaid.

PROGRESSIVE EVERBEARING—Foliage strong and healthy. Bears first year from Spring set plants and bears continuously over a long season. Berries medium size; color deep red inside and out, firm quality rich and sweet. 12 for 35c; \$2.50 per 100, delivered free.



Here is the Banner, with its massive glazed perfection and delicious flavor.

BLACKBERRIES

MAMMOTH (or Black Logan)—It is a rapid grower, trailing upon trellises. Canes are large and strong. Foliage large, healthy, thick and a deep green color. Fruit enormously large often reaching 2½ inches in length. Seed small and soft. 25c each; 5 for \$1.00, postpaid.

THORNLESS—(Cory's)—Perfectly Thornless—The Cory Thornless Blackberry grows like the Mammoth Blackberry. It is a rapid grower; canes are large and strong; foliage large, thick and deep green in color; fruit enormously large, very early. Plants 25c each, postpaid; 5 for \$1.00, postpaid.

HIMALAYA GIANT—A late Blackberry, coming after the other berries are gone and ripening over a period of several weeks. Especially desirable for family use. In northern California they are seldom injured by frost, as they blossom after all frosts are over. Must be grown on a trellis—the vines under favorable conditions growing 15 to 20 feet. Berries grow in bunches, are of excellent flavor and the yield is tremendously large. 25c per plant; 5 for \$1.00, postpaid.

CURRANTS

CHERRY—The largest Red Currant in existence. The berries grow in immense clusters, resembling bunches of red grapes. 30c per plant, postpaid; 5 for \$1.25, postpaid.

WHITE GRAPE—This is the hardiest white Currant ever introduced. 30c per plant, postpaid; 5 for \$1.25, postpaid.

DEWBERRIES

LUCRETIA—The Dewberry is a wonderful berry, ripening an immense crop of fruit early. 25c per plant, postpaid; 5 for \$1.00.

GOOSEBERRIES

DOWNING—Fruit pale green, large and juicy. 30c each, 5 for \$1.25, postpaid.

CHAMPION—Berries large and brownish red. 30c each; 5 for \$1.25, postpaid.

LOGANBERRIES

The Wonderful Blackberry-Raspberry—Roots, 25c each; 5 for \$1.00.

YOUNGBERRIES

Mammoth berries, cross between the Loganberry and the Dewberry. Ideal for jelling and canning. Set the plants 4 to 6 feet apart in rows 8 feet apart. 20c each, postpaid; \$1.50 per 10, postpaid; 100 for \$10.00, by express.

Write for special quotations on large quantity orders.

RASPBERRIES

RENAREE—Superior to any other Raspberry. The berries are a deep, rich crimson in color, delicious flavor and firm. Renaree is the heaviest bearer and bears a fair crop the first year. 20c each, \$1.00 per 10, postpaid.

CUTHBERT—"The Queen of the Market"—A standard hardy, variety that endures northern Winters and southern Summers equally well. The berries—a deep, rich crimson in color. 15c per plant, postpaid; \$1.00 per 10, postpaid.

GREGG—Best Black Variety—The canes grow strongly and vigorously and under good culture are very productive. Berries are large, covered with heavy bloom, firm, meaty and of fine flavor. 25c each, postpaid; 10 for \$1.50, postpaid.

GRAPE VINES

All strong, well-rooted vines that should give an abundance of delicious fruit wherever planted. Vines, 25c each, postpaid; \$2.00 per 10; \$15.00 per 100, by express.

ALICANTE-BOUSCHET—Black berries, sweet bright red juice.

BLACK MUSCAT—Skin thin and tough, dark reddish purple with thin blue bloom.

EMPEROR—Clusters large, with large, oval rose colored berries.

FLAME-COLORED TOKAY—Berries large. Skin thick, pale red.

MALAGA—Berries oval, yellowish-green. Skin thick and fleshy.

THOMPSON'S SEEDLESS—Greenish-yellow and entirely seedless.

ZINFANDEL—Black grapes. Planted extensively as a juice grape.

THESE VARIETIES 40c each, postpaid; \$3.00 per 10, postpaid

CONCORD—Berries large, globular, almost black.

NIAGARA—Large round greenish-white berries, ambered in sun.

PIERCE—(Isabella Begls)—Berries very large, black.

CITRUS TREES

LEMON—4 to 5 feet, \$3.50 each

Eureka—Favorite shipping commercial variety.

Villa Franca—Oblong, thin rind, juicy, nearly seedless.

Stanwick—Very large. Pale skin. White flesh.

ORANGE TREES—4 to 5 feet, \$3.50 each

"The Washington Navel"—Rapid grower, early, prolific cropper.

POMELOS—4 to 5 feet, \$3.50 each

Marsh Seedless—Nearly seedless, very juicy. Commonly known as Grape Fruit. Lifted with ball of soil.

Pet Foods, Remedies and Supplies

CAT SUPPLIES

CALIFORNIA CAT FOOD—Ground biscuits, a complete food for cats. Carton 30c, by mail 40c.
CATNIP MICE—Catnip is medicinal for all cats and should be kept on hand at all times. Our Catnip Mice are wonderful replicas of mice and a most popular plaything among cats. 15c, 20c by mail.
SPRATT'S CATNIP LEAVES—Suitable for both long and short breeds. Kittens as soon as they leave their mothers, should be fed on it. Per package 15c; 20c by mail.
SPRATT'S CAT FOOD—Ground biscuits with Fish. Carton, 30c; by mail, 40c.

DOG FOODS

"California" Dog Foods are scientifically prepared to give your dog the perfect diet. All foods are ready for immediate use, without any bother on your part. Every week we sell hundreds of pounds of these perfect dog foods. Guaranteed fresh and good.

"CALIFORNIA" PUPPY BISCUITS

These small biscuits are the favorite food for puppies. 1 lb. 15c, by mail 25c; 10 lbs. \$1.25, by mail \$1.60; 100 lbs. \$10.00, charges collect.



"CALIFORNIA" PUP-O

The food for dogs of delicate appetite or recovering from sickness. 1 lb. 15c, by mail 25c; 10 lbs. \$1.35, by mail \$1.70; 100 lbs., \$11.00, charges collect.



"CALIFORNIA" DOG BISCUIT

This is the big seller among leading kennel owners and breeders, the best meatbone biscuit on the market. 1 lb. 15c, by mail 25c; 10 lbs. \$1.25, by mail \$1.60; 100 lbs. \$10.00, charges collect.

"CALO" DOG FOOD

A cooked food, consisting of meat, oils and vegetables. 1 lb. can 15c; by mail 25c.

"CALIFORNIA" KIBBLED BISCUITS

Meat-bone biscuits, broken up in small pieces, very popular seller. 1 lb. 15c, by mail 25c; 10 lbs. \$1.25, by mail \$1.60; 100 lbs. \$10.00, charges collect.



"CALIFORNIA" CIRCLES

1 lb. 15c, by mail 25c; 10 lbs. \$1.35, by mail \$1.70; 100 lbs. \$11.00, charges collect.

FISH SUPPLIES

AQUARIUM CASTLES—20c up to 60c, postpaid.
SEA SHELLS—For fish bowls. Net weight 11 ounces. 40c; by mail 45c, postpaid. Net weight, 4 ounces, 20c; by mail 25c, postpaid.
NATURAL FISH FOOD—A healthful and nutritious food. Net weight 1 ounce. 15c, by mail 20c, postpaid.
SPRATT'S AQUARIUM FISH FOOD—Net weight 3/4 ounce. 10c; by mail 15c, postpaid.
SPRATT'S TURTLE FOOD—This is a most admirable food for Turtles. Net weight 1/2 oz. Per package 10c; 15c by mail.
GRASSYFORK FUNGUS REMEDY—A preparation for the conditioning of Gold-Fish suffering from Fungus, Tailrot, Parasites and overfeeding. Per package 25c; 35c by mail.

POULTRY SUPPLIES

CHICKEN SPIR-OL LEG BANDS—Come in green or red, enabling you to keep a record of your chicken and find which ones are the steady layers. 15c doz., 25 for 25c, postpaid.
GOLD-LEAF TOBACCO DUST—Used in poultry food to control ground worms. 2 lbs. 25c, by mail 30c; 10 lbs. 90c, by mail \$1.05; 100 lbs., \$7.50, charges collect.
TALBOT'S CHICKEN LICE POWDER—30c pkg., by mail 35c.
PULVEX—The odorless flea and lice powder. Kills fleas and lice on Dogs, Cats, Foxes, Poultry and Birds. Net weight, 2 oz., per can 50c; by mail 60c.



BIRD FEED CUPS

Besides the three styles illustrated, we have the Shell Feed and Water Cup, which is entirely enclosed and is attached to the side of the cage with small knobs. These knobs will fit any cage. Also the Tulip Feed and Water Cup. This cup is attached the same as Shell Cup—is not entirely closed, the top being scalloped and open. All cups, 15c each; 2 for 25c; by mail, 2 for 35c, postpaid.

BIRD SUPPLIES

BIRD MANNA, keeps the bird in health and song. Cures nearly all diseases. 15c each, by mail 20c.
BIRD NESTLING FOOD—4 oz., 15c; 20c, by mail.
SPRATT'S BIRD LICE POWDER, for dusting the feathers. Blower included. 25c; by mail 30c.
SPRATT'S SING SONG, appetizing food and pick-me-up for all songsters. 15c; by mail 20c.
SPRATT'S SONG RESTORER—as a general tonic it is unequalled. Fed during moulting season hastens the moult and restores the song. 25c can; by mail 30c.
SPRATT'S BIRD TONIC, for prevention and cure of all diseases which cage birds are subject to. Small size 15c, by mail 20c; large size 25c, by mail 30c.



BIRD REMEDIES

SPRATT'S COD LIVER OIL AND NESTLING FOOD, a substitute for egg food. 4-oz. 20c; by mail 25c.
SPRATT'S BIRD COLORING, feed in conjunction with bread crumbs, eggs, etc. Full directions on can. Orange color. 25c can, by mail 30c.
CUTTLEBONE, fishbone, acts as tonic and bill cleanser. 3 small sizes, 10c, postpaid.
CUTTLEBONE, HOLDER, 10c, postpaid.
BIRD BATH DISHES, of porcelain or crystal; will last indefinitely. Ideal for use as open air bath in a warm room. 20c each, by mail 25c.
BIRD LEG BANDS, made of aluminium and numbered. 25c doz., postpaid.
CAGE BRACKETS, stationery, Japanned, 35c each, by mail 40c. Swinging brass, 25c each, by mail 30c.



BIRD SEED

20c lb.; 10 lbs. \$1.50, Postpaid

BIRD SEED MIXED—This is our own mixture and guaranteed to give satisfaction. If not satisfied upon opening the package, return to us and your money will be cheerfully refunded.

PLAIN CANARY SEED.

HEMP SEED—This is the small, round, black seed found in Mixed Bird Seed. Your mixture should have some Hemp, but in the right proportion.

MILLET SEED—This is the small, round, yellow seed found in Mixed Bird Seed.

IMPORTED RAPE SEED—Larger than ordinary small, round, black Rape Seed found in the Bird Seed Mixture.

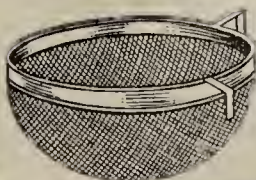
PARROT FOOD—35c pkg., postpaid.

CAGE SPRING AND CHAIN

Wire cage springs 15c each, by mail 20c.

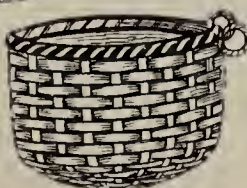
Brass cage springs with chain, 2 ft. long, for use in high ceiling rooms, 25c each, by mail 35c.

BIRD NESTS



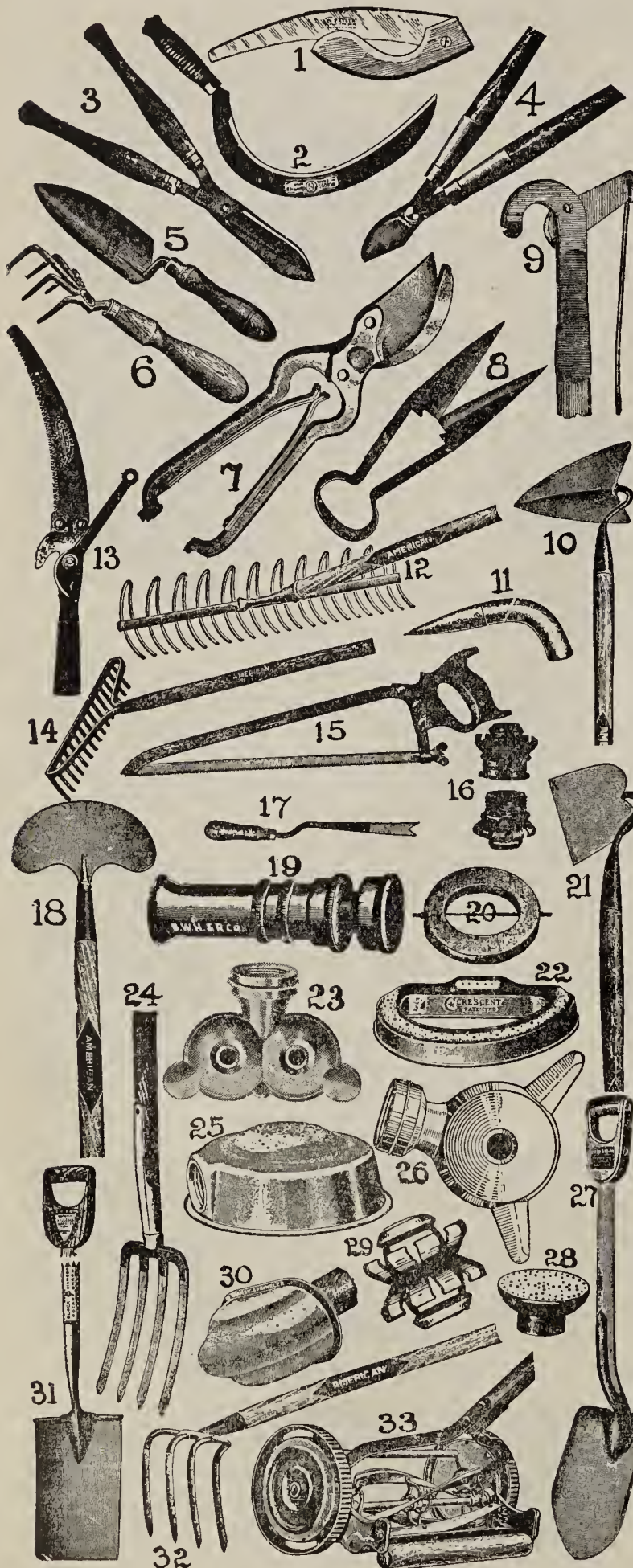
Wire Nests, easy to clean. 20c each, postpaid.

Wicker Nests, fit all cages. 20c each, postpaid.



Lawn and Garden Tools

Room here to list just a few of the hundreds of items we carry in the way of time-saving, labor-saving lawn and garden requisites. If you don't find here just what you want, write for prices on whatever you need.



- No. 1. Pruning Saw, folding handle, \$1.50, postpaid.
- No. 2. Grass Hooks, 75c and \$1.00, postpaid.
- No. 3. Hedge Shears, \$2.00 to \$3.50, postpaid.
- No. 4. Tree Pruner, \$3.75, postpaid.
- No. 5. Garden Trowel, 30c, postpaid.
- No. 6. Excelsior Weeder, 25c, postpaid.
- No. 7. Pruning Shears, \$1.25, \$2.00, \$2.50, \$3.50, postpaid.
- No. 8. Grass Shears, \$1.00, \$1.25, \$1.50, \$1.75, postpaid.
- *No. 9. Waters' Tree Pruners, 8-foot, \$2.00; 10-foot, \$2.25; 12-foot, \$2.50, by express collect.
- *No. 10. Warren Hoe, short handle, 85c, postpaid; long handle, \$1.75.
- No. 11. Dibble, 75c, postpaid.
- *No. 12. Lawn Rakes, wire, \$1.50.
- No. 13. Pruning Saw, \$3.50, postpaid.
- *No. 14. Garden Rake, 12-tooth, \$1.40; 14-tooth, \$1.50; 16-tooth, \$1.60, by express collect.
- *No. 15. Pruning Saw, \$2.50.
- No. 16. Perfect Clinching Hose Couplings, 40c, postpaid.
- No. 17. Asparagus Knife, 60c, postpaid.
- *No. 18. Turf Edger, \$1.50, by express, collect.
- No. 19. Boston Nozzle, 90c, postpaid.
- No. 20. Secure Garden Hose Washers, $\frac{3}{4}$ and 1 inch. Impossible to lose on account of pin. 20c doz., postpaid.
- No. 21. Garden Hoe, 4-inch blade, 90c; 5-inch blade, \$1.35; 6-inch blade, \$1.65, postpaid.
- No. 22. Crescent Fountain Sprinkler, \$1.00, postpaid.
- No. 23. Twin Sprinkler, 45c, postpaid.
- *No. 24. Spading Fork, D handle or long handle, \$2.50, postpaid.
- No. 25. Square Fountain Sprinkler, 70c, postpaid.
- No. 26. Wilgus Sprayer, No. 2, 50c, postpaid.
- *No. 27. Shovel, long or D handle, \$2.50, postpaid.
- No. 28. Rose Nozzle, 85c, postpaid.
- No. 29. Perfect clinching Hose Menders, 20c each, postpaid.
- *No. 31. Spade, long or D handle, \$2.50, postpaid.
- *No. 32. Potato Hooks, \$2.00, postpaid.
- *No. 33. Lawn Mower, 8 in. wheels, self-adjusting bearings, "Baby Grand" 12 in. \$8.00; 14 in. \$8.50; 16 in. \$9.00. "Phoenix." 12 in. \$6.50; 14 in. \$7.00.

*Numbers preceded by star, by express, charges collect. All others sent postpaid.

NORCROSS CULTIVATORS

Like the human hand, these tools cultivate closer to plants than any other. Long handle, 5 teeth, \$1.50; 3 teeth, \$1.10; Short handle, 3 teeth, 75c, postpaid.



GARDEN TROWELS

All steel, $5\frac{3}{4}$ in. blade, 15c, 20c, postpaid; Forged steel, drop-shank, steel ferrule, blade and shank one piece. (See illustration of No. 5 above). 6 in. blade, 75c, 80c postpaid; No. DST, made for hard service. Blades and shanks are forged from one solid piece of high grade steel, tempered and polished. Hardwood handle swedged into socket handle. None better, 6 in. blade, \$1.00, \$1.05 postpaid. Transplanting, all-steel, $6 \times 1\frac{3}{4}$ in. blade, 20c, 25c postpaid; Long Handle, 17 in. long over-all, 30c, 35c postpaid.



SPADING FORKS

Cast steel, 30c, 35c postpaid. No. G, our best, three 6 in. tines, short handle. Best for working soil. 75c, 80c postpaid.



BRUME RAKES

Light in weight, strong and durable, will pick up the smallest leaves, twigs, etc., without tearing grass. Fine for general outdoor brooms for sweeping lawns, gardens, paths, or drives. Bamboo, 40c, 50c postpaid; Flat Spring Steel, No. FBR22, \$1.00, \$1.10 postpaid; Round tempered wire, Kimber Pattern, \$1.00, \$1.10 postpaid.

WEEDERS AND MULCHERS

Convenient tools for weeding, cultivating and mulching. Style A, Magic, 3-prong, 25c, 30c postpaid. Pressed all-steel, 5-prong, 30c, 35c postpaid. Eureka E, short handle, 3-prong, tempered steel, 65c, 70c postpaid. Eureka EL4, long handle, 75c, 85c postpaid.

GARDEN HOSE

Smooth or corrugated in 25 and 50 foot lengths. $\frac{3}{8}$ in. 12c per foot; $\frac{1}{2}$ in. 13c per foot; by express collect.

INSTANT HOSE COUPLINGS

Eliminate all the worry and grief with lost washers and leaky connections. Save your hands, save your hose, just slip it on and off in a jiffy. Set 60c; female half for hose bibb, 35c; male half for hose, 25c. Add 5c for postage.

Farm and Garden Essentials

PP (Postpaid): Items so marked are sent postage free. Otherwise the buyer pays postage.

BAMBOO CANES

Tidy gardeners use these neat green-stained canes as plant supports. Raffia is the best for ties. Postpaid.

Size	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.
Per dozen	\$.10	\$.15	\$.20	\$.25	\$.35
Per 50	.35	.40	.55	.65	1.10
Per 100	.60	.75	1.00	1.25	2.00

BULB PLANT SPRINKLERS

Just the thing for sprinkling Cactus Bowls, Potted Plants, Cut Flowers, and for dampening clothes before ironing. Sturdy rubber bulbs, fine spray heads. Scollay, \$1.50; Navco, with angular neck, \$1.00. Add 10c for postage.

BUDDING TAPE

3/16 in. wide, pure red rubber. Easiest to apply, safest to use. Expands and breaks as buds swell. 1/4 lb. 60c, PP.

BUDDING AND PRUNING KNIVES

Remington. No. R1477, single blade, tapered, flat, natural bone handle, \$1.90; No. R1568, single blade, hardwood handle, budding tip on blade, \$1.25; No. R3583, two-blade, pruning and budding, bone handle, \$1.50; No. R698, single hook blade, pruning, wood handle, \$1.25. Charges collect.

CORN PLANTERS

Acme. The standard for years. \$1.50, \$1.65 PP.

FLOWER BOXES

All-metal, finished in green. Special liner provides sub-irrigating and sub-aerating principles essential to well being of plants. Special brackets available for fastening to porch rails, window sills, etc. Width at top 9 in., at bottom 6 in., height 6 in. 24 in. long, \$1.75; 30 in. long, \$2.00; 42 in. long, \$3.75. Brackets 50c pair extra. Charges collect.

FLOWER POTS, FERN DISHES, SEED PANS

Prices f.o.b. our stores. Packing 10% extra. Shipped at Customer's risk. Fern Dishes are about 2/3 as deep as Pots, and Pans about 1/3. Note that we list attractively fluted Dishes and Pots from 6 in. and over. Prices on plain Dishes and Pots on request.

Pots, Dishes, Pans				Saucers	
	Doz.	Per 100		Ea.	Doz.
2 1/2-in. Plain	2-\$0.05	\$0.25			
3-in. "	3- .10	.35			
4-in. "	..... .05	.50		\$.05	\$.50
5-in. "	2- .15	.60	4.50	2- .15	.60
6-in. Fluted	..... .15	1.50	11.50	..... .10	.80
7-in. "	..... .20	2.00	14.00	2- .25	1.20
8-in. "	..... .30	2.75	19.25	..... .15	1.50
9-in. "	..... .40	4.00	28.00	..... .20	1.75
10-in. "	..... .60	6.00	42.00	..... .30	2.50
12-in. "	..... 1.20	12.00	.....	..... .45	4.00
14-in. "	..... 2.20	22.00	.....	..... .60	6.00
16-in. "	..... 3.00	30.00	.....	

FLOWER POTS, PAPER

Neponset. Inexpensive and practical for starting and shipping plants. Add 10% for Postage.

Quantity	2 1/2 in.	3 in.	4 in.	5 in.	6 in.
Per 10	\$.10	\$.15	\$.20	\$.25	\$.35
Per 100	.75	1.00	1.50	2.25	3.00
Per 1000	6.00	8.25	13.50	20.00	27.00

GLASS SUBSTITUTES

Unbreakable; used for hot and cold frames, propagating boxes, sides of Greenhouses, Poultry Houses, Rabbit Hutches, Dog Kennels, Play Houses, Porch enclosures, Sun-Rooms, Sky-lights, Tourist Camps, Hunting-lodges, Garages and many other purposes. Does not filter the ultra-violet rays so essential to health and well being of humans, plants, animals, and fowls. Saves expensive moulded mountings and heavy frames. Just cut and tack on. Handy to replace broken windows.

Glass cloth, Heavy cloth weather-proof fabric. Opaque and durable. But a fraction of the cost of glass. 35 3/4 in. wide.
 Per Square Yard, delivered.....\$.45
 Per 10 Square Yards, delivered..... 4.25
 Per 50 Square Yards, delivered..... 20.00
 Per 100 Square Yards, delivered..... 38.00
 Vimlite, consists of a thick chemical film on a wire cloth base. Light flexible, and strong. Withstands sun, wind, hail or snow.
 28-in width.....35c running foot, 40c PP.
 36-in. width.....45c running foot, 50c PP.



Vimlite

HANGING BASKETS

For trailing plants such as Asparagus Sprengerii, Variegated Ivy, Periwinkle, Lobelia, Lloydii (Trailing), Begonias, etc. Hooks and hanging wire included.

Wire, Strongly made, painted green. 9-in. diam. 30c; 10-in. diam., 40c; 12-in. diam., 50c, postpaid.

Terra-cotta. Natural color, attractively made, very decorative, bowl-shaped. 8-in. diam. 60c; 10-in. diam., 90c; 12-in. diam., \$1.20. Charges collect. Add 10% for packing.

HOTKAPS

Miniature hothouses of specially prepared translucent waxed paper. Cone like in shape. 11-in. across base. Forces plants to earlier maturity. Insurance against loss from frost, hail, rain, ground crusting and insects. 12 for 30c; 100 for \$2.00, PP. 250 for \$3.75; 500 for \$6.00; 1000 for \$11.50.

LABELS

For Trees, Pots and Garden Use. (Postpaid to 4th zone only).

	Painted Per 100	Painted Per 1000
3 1/2-inch copper wire	\$.40	\$ 3.00
3 1/2-inch iron wire	.35	2.65
4 -inch Pot Labels	.35	2.50
5 -inch Pot Labels	.40	3.00
6 -inch Pot Labels	.45	3.50
8 -inch Pot Labels	1.00	9.00
10 -inch Garden Labels	1.25	11.50
12 -inch Garden Labels	1.60	15.00

Weather-proof Pencils for marking labels, 15c each, PP.



MOSS

Selected green, for lining hanging baskets and packing purposes. One pound sufficient to line a hanging basket. 1 lb. 25c, PP.; 10 lbs. \$1.50. Special prices on bale lots.

RAFFIA

Natural. Straw color. Every gardener should use this for tying plants to stakes or bamboo canes. Superior to string in every respect. Like the colored Raffia, it is used for weaving baskets, jewel boxes, Hula skirts, shopping bags, mats, cushions, slippers, hats, etc. 1/4 lb. 15c; 1 lb. 50c; 10 lbs. \$4.50, PP. Separate colors: Crimson, Scarlet, Orange-Red, Light Green, Dark Green, Brown. Skeins, 20c ea., PP.

ROSE AND PLANTS STAKES

Made of 1 in. square redwood, surfaced and chamfered. Stained green. Very tidy and neat in the garden. Prices below are delivered.

	Per Doz.	Per 100
2 1/2-ft. Stakes	\$.65	\$ 5.00
3 -ft. Stakes	.90	7.00
4 -ft. Stakes	1.00	8.00
5 -ft. Stakes	1.25	10.00
6 -ft. Stakes	1.50	12.00



WOOD VENEER PLANTING SQUARES

Bottomless, 2 1/4 in. by 2 3/4 in. For rooting cuttings and sowing seed of rarer plant varieties. Durable and efficient. Fit closely together. Retain moisture ordinarily wasted. 100 for 75c; 250 for \$1.50; 500 for \$2.75; 1000 for \$5.00, PP.

SUN-GRO PROPAGATING BOX



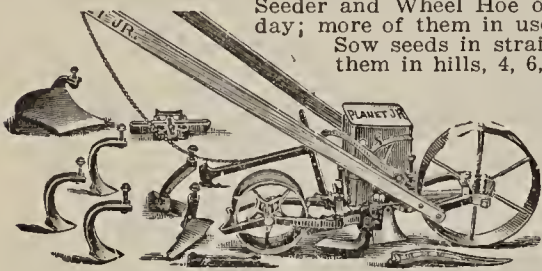
Collapsible. May be assembled or taken apart without tools. Assures the Home Gardener results in growing of plants and seeds only obtained heretofore by Nurserymen. Glass Cloth top permits passage of ultra violet rays, so essential to plant growth. \$2.25.

SEEDERS
WHEEL HOES

Planet Jr. Implements

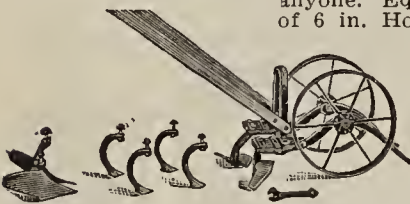
CULTIVATORS
GARDEN PLOWS

No. 4 Planet Jr. Hill and Drill Seeder and Single Wheel Hoe Combined



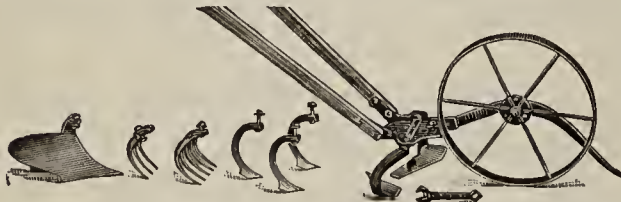
The most popular and useful combined Seeder and Wheel Hoe on the market today; more of them in use than any other. Sow seeds in straight drills or drop them in hills, 4, 6, 8, 12 or 24 inches apart. Plants all seed common to present day agriculture. The No. 4 as a Single Wheel Hoe will do all necessary cultivating work. \$18.75.

No. 12 Double and Single Wheel Hoe Combined



The most popular Double Wheel Hoe in the Planet Jr. line. Can be used by anyone. Equipment consists of One Pair of 6 in. Hoes, 4 Steel Cultivator Teeth, One Pair of Plows, Two Leaf Lifters, all oil tempered. This combination of tools enable one to cultivate thoroughly and often. Rakes and other cultivating attachments can be added as required. \$11.25.

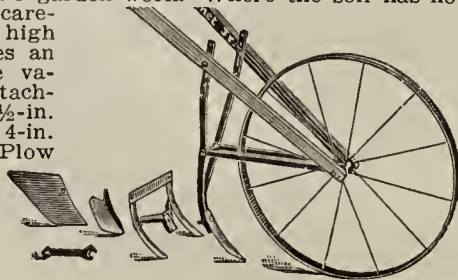
No. 16 Single Wheel Hoe



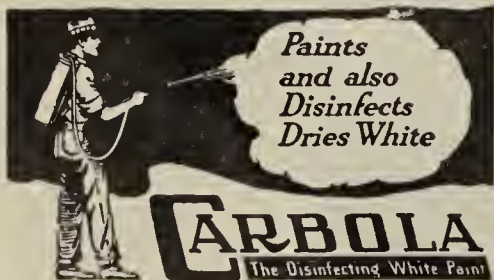
A very strong but easily handled Single Wheel Hoe, with an assortment of cultivating attachments that have proved to be the best in use today, and the most desirable. Steel wheels, steel frames; practically indestructible. Handles are adjustable in height. All wheel hoe tools are of special pattern, carefully tested. The Plows are of superior design, complete with landslide; large and capable of heavy work. \$9.40.

No. 119 Garden Plow and Cultivator

A high wheel cultivator that will appeal to all those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The variety of cultivating attachments including one 1½-in. Cultivating Tooth, one 4-in. Cultivating Tooth, one Plow and one Reversible Scuffle, Blade, are capable of doing all your garden work from early Spring until Fall. \$4.50.



CARBOLA—Disinfecting Whitewash



whitewashing tree trunks. 5 lbs. 85c, (postage 9c); 10 lbs. \$1.50 postage 14c; 50 lbs. \$6.25, charges collect.

Makes buildings light, clean, sweet-smelling, sanitary. Extensively used for poultry houses, barns, etc. Easily applied with brush or spray pump. Mixes readily with water. Doesn't flake or peel off. Mix half and half with Hydrated Lime for

TREE AND ORCHARD SUPPLIES

GRAFTING & PRUNING MATERIALS. For grafting, in-arching, pruning and tree surgery. Always protect pruning cuts against rot and disease by applying a coat of these materials.

Snow's Grafting Wax. The standard for half a century. Melt over a slow fire, to about thickness of honey and apply with a stick or brush. ¼ lb. 20c; ½ lb. 30c; 1 lb. 50c, postpaid.

S-W Pruning Compound. Protects against bleeding and infection of treated wounds by Fungus and Heart-rot. Pt. 40c; Qt. 60c, postpaid.

Tree Seal. Ideal for grafting, in-arching or pruning. Not necessary to heat, just stir well and apply with a brush. Pt. 35c, 45c postpaid; qt. 60c, 75c postpaid; gal. \$1.80, \$2.10 postpaid.

TREE TANGLEFOOT—Applied in band directly to bark of trees, protects them against Ants, Climbing Insect Pests, and spread of disease. 1 lb. will spread 8 feet by 5 inches wide. 1 lb. 60c; 5 lb. can \$2.75, postpaid; 10 lb can \$5.25, charges collect.

TREE PROTECTORS (Yucca)—Guard trees and shrubs against sunburn and damage by animals. Wire fasteners make them easy and quick to apply. Add 25c to the 100 rate for postage and packing. 1000 rate shipped freight or express collect.

Length	Per 100	Per 1000	Length	Per 100	Per 1000
12-in.....	\$1.30	\$11.75	18-in.....	\$1.70	\$15.25
14-in.....	1.40	12.90	24-in.....	2.10	19.00
16-in.....	1.55	14.05	30-in.....	2.70	24.50

TREE WHITE (S-W)—For white coating tree trunks to prevent sunscald and gumming. Exceptionally adhesive and resistant to the elements. Can be used with brush or in sprayer. 5 lbs. 65c.

TREE-TYE—Made of reinforced rubber threaded with galvanized wire, so constructed that the wire carries the strain and the soft, resilient pad protects the tender bark. Green color makes it inconspicuous. Serves equally well in ornamental or fruit-bearing trees, ideal for rose bushes, vines and top grafts, or any type of plant or tree requiring fastening for support.

Quantity	5 in. long	8 in. long
Each	\$.10	\$.12
Dozen .....	.85	1.00
100	6.00	7.20

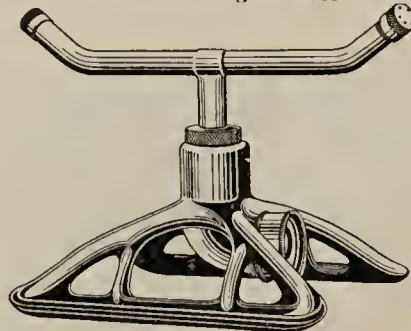
Prices are postpaid to 4th zone.

LAWN SPRINKLERS



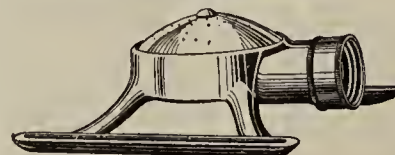
Whirling Shower

The Whirling Shower is an adjustable and variable lawn sprinkler of the revolving type. Equipped with bronze roller-bearings. Mached nozzles are adjustable for both volume of spray and distance, allowing a coverage of from 10 to 70 feet in diameter. Brass lock holds arms stationary for beds and garden plots. \$2.75 each, \$3.00 postpaid.



Revolve

The Revolve, like the Whirling Shower, has seamless brass cross arm and shaft, unbreakable malleable base and bronze roller bearings eliminating all friction. It will cover an area of from 40 to 50 feet in diameter. \$1.75 each; \$2.00, postpaid.

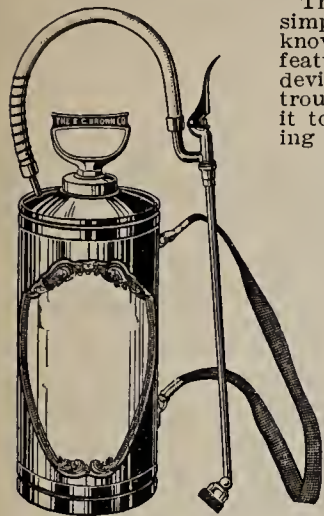


Ready Shower

The Ready Shower is a stationary lawn sprinkler for small lawns, flower beds and borders. The volume of spray and area may be regulated by adjusting pressure. Rustless heavy brass spray plate. 75c each; 90c, postpaid

Sprayers and Dusters

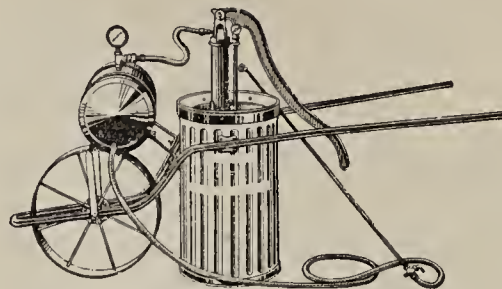
COMPRESSED AIR SPRAYERS



The strongest, most efficient and simplest in construction of any we know of on the market. Such patented features as all brass collar and locking device, and all-brass valve with no troublesome washers to replace, cause it to be used so extensively for spraying vine, shrubs, plants, field crops, fruit trees, poultry houses, dairy barns, etc., throughout the world. No. 50 is just the right size for Milady's use in the garden.

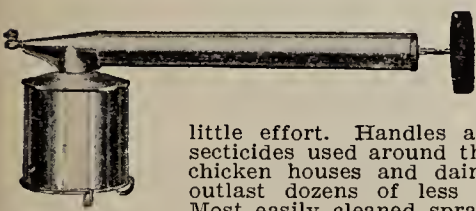
- 9B—4 gal., corrugated brass tank\$9.00 postpaid
- 9D—4 gal., corrugated galvanized tank 6.00 postpaid
- 50B—3 gal., brass tank 7.50 postpaid
- 50D—3 gal., galvanized tank 5.00 postpaid

WHEELBARROW SPRAYERS



Ideal for small orchardist or home gardener. Enables him to spray fruit trees, vines, bushes, and shrubs thoroughly at regular intervals, to protect them from ravages of pests and diseases. Ideal for applying white-wash and cold water paints as well. Strong durable, well designed. The model with reserve air pressure tank and gauge enables the operator to maintain an even high pressure up to 200 pounds with less effort. 15-gallon corrugated bucket, heavy duty pump, 18 in. wheel. 6 ft. of hose. **With reserve tank, \$37.50. Without reserve tank, \$25.00. Pump only, complete, \$14.75. Freight or express collect.**

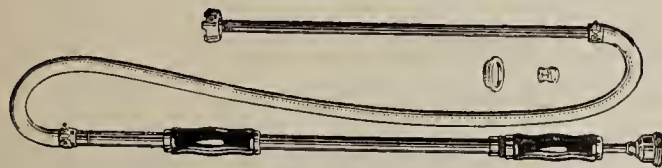
DOUBLE ACTION HAND SPRAYER



Continuous action atomizers which spray on both in and out stroke of plunger. A steady stream with very little effort. Handles all disinfectants and insecticides used around the house, in the garden, chicken houses and dairy barn. No. 26 C will outlast dozens of less expensive tin sprayers. Most easily cleaned sprayer known.

- 26A—All tin1 quart \$1.00, \$1.10 postpaid
- 26C—Copper-bronze tank1 quart \$1.50, \$1.60 postpaid
- 26AG—Glass Tank1 quart \$1.00, \$1.10 postpaid

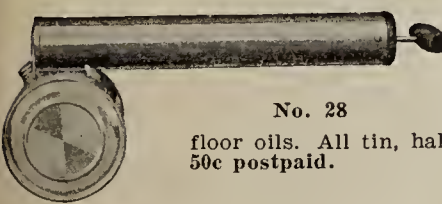
HIGH PRESSURE PUMP



TROMBONE SPRAYER—A high pressure pump adapted for spraying orchards, vineyards, shrubbery, shade trees and field crops; for white washing, disinfecting, spraying stock dip and fly oils, washing windows and automobiles, fighting fires and numerous other purposes. Continuous in operation, maintaining a steady discharge without undue exertion. All brass with bronze valves. Can be used with any pail, bucket or barrel, or in cases of fire fighting from reservoirs, and streams. Complete with 32 inches of hose, \$5.00 postpaid.

5-Gal. Heavy Galvanized Tank with shoulder straps, strainer, large opening for filling. Used for Fire-fighting and any work where it is desired to have a knapsack supply of liquid. Complete with Trombone Sprayer, \$8.50 postpaid.

HOUSEHOLD and GARDEN SPRAYERS



No. 28 floor oils. All tin, half pint, 35c, postpaid; quart 50c postpaid.

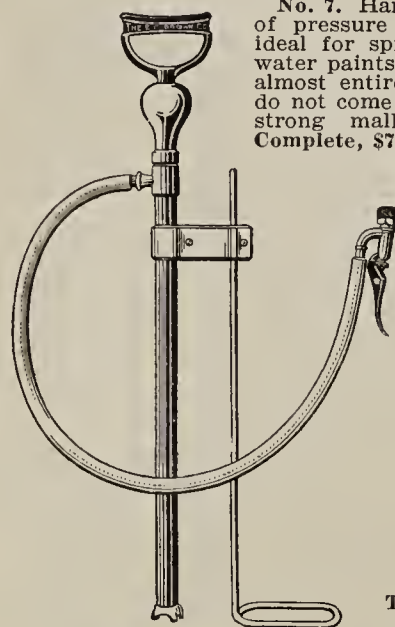
Popular priced hand sprayers, single action, well made and durable. Handles garden and house plant sprays, fly and mosquito sprays, and

GARDEN HOSE SPRAYER

FOILAGE HOSE SPRAYER—Simply attach to Garden Hose. The water pressure does the spraying. Complete directions with each sprayer. Can be used with any liquid insecticide. Put amount recommended to make six gallons of finished spray in the quart tank, fill with mixture of water and liquid whale oil soap. Introductory offer for the Foilage Sprayer and 2 ozs. of Foilage Garden Insecticide, \$1.25, \$1.35 postpaid.



BUCKET PUMPS



No. 7. Hand pump with lever handle, 3 ft. of pressure hose, clog-proof spray nozzle, ideal for spray materials of all sorts, cold water paints and whitewashing. Pump made almost entirely of brass. All castings that do not come in contact with solutions are of strong malleable iron. Air-jet agitator. Complete, \$7.00 each.

No. 60. Extra heavy double action bucket pump generating extreme pressure. Air chamber insures continuous discharge. Built to last a life time. 3 ft. hose and automatic shut-off valve, with non-clog nozzle. Adjustable foot rest. All brass construction of pump and valve means long life and freedom from rust and corrosion. Complete, \$8.00 each.

DUSTERS



THE "GRUN" KNAPSACK DUSTER—Applies Sulphur, Nicotine Dust, Hydrated Lime, etc. Grinds the cloddiest of dust materials to the finest powder. Operated by lever with an easy up-and-down movement. Flexible hose with metal tubing and spreader tip places dust cloud just where you want it. Durable leather bellows. Adjustment for regulating feed to prevent waste. Off-set lock cap on filling opening has rubber gasket and scoop. Grinding discs easily removed for cleaning. Strong, durable, easy to operate. No. 1 Capacity 22 lbs., weight empty 15 lbs. \$15.00. No. 2 Capacity 13½ lbs., weight empty 13 lbs., \$14.00. Charges collect.

HAND DUSTERS

Crystal hand duster with glass jar container, having sufficient agitation to break lumps, large discharge tube with removable fan shape spreader nozzle. Handles Nicotine Dust, Sulphur, Cyanogas, etc. \$1.25, \$1.40 postpaid.



No. 1 duster ideal for use in garden and home with insecticides and roach powders. 60c, 70c, postpaid.

Spray Materials

Items that cannot be sent by mail are marked NM (Not Mailable).

The "Navco" and other Insecticides and Fungicides listed on this page represent only the very best and most improved materials on the market. Full directions on every package. Consult our complete Pest Control Chart on Page 83 for recommendations.

Excepting where PP (Postpaid) appears, all items are sent freight or express, charges collect. When ordering mailable items which are not marked Postpaid (PP), sufficient funds to cover postage should be included with order.

"NAVCO" ORCHARD AND GARDEN SPRAYS

ARSEN-DEUX, "NAVCO". (NM)—Dust spray for Tomato Blight and Wilt, also for Leaf Eating Garden Insects. 14 oz. 25c; 10 lbs. \$1.00; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$7.50

BOREAU MATERIALS, "NAVCO HOME-MIX"—Controls fungicidal and bacterial diseases. 2 lbs. makes 10 gals. of spray of 5-5-50 strength. 2 lbs. 50c; 10 lbs. \$2.00, PP.

LIME-SULPHUR, "NAVCO DRY"—Dry form to control fungous diseases. Scale, Red Spider, Peach, Leaf Curl, etc. 1 lb. 35c; 5 lbs. \$1.50, PP; 10 lbs. \$2.10; 25 lbs. \$2.45.

LIME-SULPHUR SOLUTION, "NAVCO"—Controls Peach Curly Leaf, Red Spider, Twig Borers, Blister Mite, Pear and Apple Scab, Mildew, Red Berry. Qt. 30c; Gal. 60c, PP; 5 Gals. \$2.50.

MISCIBLE OIL, "NAVCO"—Ideal winter clean-up and tonic for insect eggs and scale on dormant plants, shrubs and trees. Qt. 40c; Gal. 75c, PP; 5 Gals. \$3.25.

NICOTINE DUST "NAVCO"—Controls Aphids, Thrips, Ants, Cabbage Worms, Slugs, Snails, etc. No. 3N for Walnut Aphid (Ask for prices); No. 6N, general use. 12 oz. 40c; 5 lbs. \$1.40; PP. 20 lbs. \$3.75; 50 lbs. \$8.75; 100 lbs. \$16.25. No. 10N, for Aphids, on Peas, Melons, Prunes. 14 ozs. 50c; 5 lbs. \$1.70; PP. 20 lbs. \$4.75; 50 lbs. \$11.27; 100 lbs. \$21.25.

NICOTINE-SULPHUR DUST, "NAVCO"—Fumes at lower outside temperature; sulphur content controls Mildew. 5 lbs. \$1.75, PP; 20 lbs. \$5.00; 50 lbs. \$11.90; 100 lbs. \$22.50.

NICOTINE & SULPHUR GARDEN DUSTS, "NAVCO"—A combination package containing two sifter-top cartons; one of strong Nicotine Dust, and the other of our Neutral Brand Dusting Sulphur. Equal amounts of each can be mixed for a combination dust. 14 ozs. 50c; 28 ozs. 75c, PP.

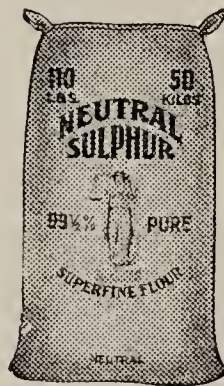
PARADICHLOR, "NAVCO"—Kills Root Borers which attack stone fruits, Ants, Woolly Aphid in soil, House Moths etc. 1 lb. 65c; 5 lbs. \$2.00, PP; 10 lbs. \$3.20; 25 lbs. \$7.25.

SLUG AND SNAIL DESTROYER, "NAVCO"—NM—Improved Government Formula control for ridding premises of Slugs, Snails, Cut Worms, Grasshoppers. Gives positive results; easy and economical to use. 1 lb. treats 65 sq. ft. Kills best when moist; every particle effective, does not lose strength. 1½ lbs. 35c; 4 lbs. 75c; 15 lbs. \$2.50; 50 lbs. \$7.00; 100 lbs. \$12.50.

SOW BUG DESTROYER, "NAVCO". NM—Quickest and surest material for killing Sow Bugs. Gets all of them. Scatter lightly on dry ground away from plants and lawn. They come to it. Do not water for 24 hours after using. 1 lb. 35c; 5 lbs. \$1.50.

SULPHUR, "NAVCO" NEUTRAL BRAND DUSTING—The supreme Dusting Sulphur for controlling Mildew, Rust and Red Spider. 99½% pure. Extremely fine, making a heavy coating of foliage both unnecessary and wasteful. Does not ball or cake. 3 lbs. 35c; 10 lbs. 65c PP; 100 lbs. \$3.50.

WEED DESTROYER, "NAVCO". NM—Dilute 1 part in 50 parts of water and spray tops of weeds after sundown. Kills roots and tops by absorption without injuring soil. Use extensively by Cemeteries, Playgrounds, Public Buildings, Parking Stations, etc., on walks, parking strips, driveways, athletic fields. A drop of this material applied to crown of each Dandelion Plant with a pointed stick, eyedropper or household oil can will rid your lawn of this weed. Easier and better than pulling. Qt. 65c; Gal. \$1.75; 5 Gals. \$7.50; 50 Gals. (800 lbs.) \$57.50.



WHALE OIL SOAP, "NAVCO". (Liquid)—Soluble in hard or soft, hot or cold water. Effective Aphid spray; plant wash for house plants; and, necessary as spreader to increase effectiveness of Black Leaf 40, Evergreen, Summer Oil or Nursery Volck. Pt. 25c; Qt. 40c, PP; ½ Gal. 75c; Gal. \$1.35; 5 Gals. \$5.50.

OTHER EFFECTIVE GARDEN SPRAYS

ANT-FOIL, NM—An improved Syrup for Argentine and many other Ants partial to sweets. Feeder bottles filled with syrup, 2 for 25c. Syrup only: 8 ozs. 25c; Pt. 45c; Qt. 85c; Gal. \$1.85.

ARSENATE OF CALCIUM, NM—A stomach poison used in Poisoned Baits for Chewing Insects and Soil Pests. 1 lb. 35c; 4 lbs. \$1.00.

ARSENATE OF LEAD, NM—A stomach poison for Caterpillars, Beetles, Worms, etc. 1 lb. 40c; 4 lbs. \$1.00.

BLACK LEAF 40, NM—Use 1 to 2 teaspoons with 3 to 4 tablespoons of Whale Oil Soap in 1 gal. of water, for Aphids, Thrips, etc. Brush 1 lb. on 200 ft. of roost, full strength, for delousing poultry. 1 oz. 35c; 5 ozs. \$1.00; 1 lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$6.25; 10 lbs. \$10.75.

BLUESTONE—Used to make Bordeaux Mixture, also as a disinfectant. 1 lb. 20c, PP; 10 lbs. \$1.25; 25 lbs. \$2.50.

CALCIUM ARSENATE. See Arsenate of Calcium.

CYANOGAS, NM—Kills Squirrels, Gophers, Rats, Ants, Bees, Yellow Jackets, Grape Leaf Hopper, Cucumber Beetles, Squash Bugs. Used either as a dust or fumigant. A—Dust. 1 lb. 75c; 5 lbs. \$2.50; 25 lbs. \$8.50; 100 lbs. \$20.00. G—Fumigant, 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$30.00.

EVERGREEN—New non-poisonous spray for Aphids, Thrips, and soft-bodied worms. Does not burn tender plants or blossoms. Use 2½ teaspoons with 3 to 4 tablespoons Whale Oil Soap in 1 gal. of water. 1 oz. 35c; 6 ozs. \$1.00; Pt. \$2.00; Qt. \$3.50, PP; 1 gal. \$11.50.



FLU-SI DUST—Non-poisonous dust for Earwigs, Tree Crickets, Roaches, Ants, Termites, Diabroticus, Beetles, Weavils and leaf-eating worms. Do not apply to wet foliage or fruits. 12 ozs. 35c; 5 lbs. \$1.00, PP; 10 lbs. \$1.75; 25 lbs. \$3.00.

FOILAGE—Non-poisonous Pyrethrum spray for sucking insects and soft-bodied worms and slugs. Use 3 to 4 teaspoons with 3 to 4



tablespoons Whale Oil Soap in 1 gal. of Water. 2 ozs. 35c; 8 ozs. \$1.00; Pt. \$1.50, PP; Qt. \$2.50; Gal. \$8.50.

GARDEN VOLCK (Sec Volck, Garden).

K-M-G, NM—Endorsed by all Authorities as the best control for wild Morning Glory. Destroys the roots—harmless to the soil. Spray tops of plants after sundown. Add 3 to 4 tablespoons Whale Oil Soap to the gallon of mixed spray. Qt. \$1.60; ½ Gal. \$2.20; Gal. \$3.85; 5 Gals. \$16.50.

NICOTINE-SULPHATE (See Black Leaf 40).

NICOTINE-SPRAY, NM—Black Leaf 40 and Whale Oil Soap combined in correct proportions. Use ¾ teaspoon in 1 pint of water for Aphids, Thrips, etc. 4 ozs. 35c; 8 ozs. 65c; Pt. \$1.00.

QUA-SUL—Controls Mildew, Fungus, Peach Leaf Curl, Rust, etc. Fine soil disinfectant. 8 ozs. 40c; Qt. \$1.00, PP; Gal. \$3.50.

SELOCIDE—Sensational discovery that positively controls Red Spiders. Qt. (Makes 12½ gals. of spray) \$1.00, PP. Gal. (Makes 50 gals. of Spray) \$2.75; 5 gals. \$12.00.

SEMESAN—Seed, Root and Bulb Disinfectant against damping-off and rots. Controls Brown Patch on Lawns. Use in solution or as a dust. 2 ozs. 50c; 1 lb. \$2.75; 5 lbs. \$13.00.

SNAIL-FOIL, NM—Poisoned Bait for Slugs, Snails, Sowbugs, Cut Worms, Earwigs, Grasshoppers, Gophers. 1½ lbs. 35c; 4 lbs. 75c; 15 lbs. \$2.50; 25 lbs. \$3.75.

SULPHUR, ALPHA—Mixes readily with water, for liquid spray to control Red Spider, Mildew and Scab. Use 5-10 lbs. in 100 gals. of water. 3 lbs. 55c; 10 lbs. \$1.10, PP; 100 lbs. \$7.00.

SULPHUR, ANCHOR—Very best sublimed, 100% pure. Burns freely without ash residue. For dusting and bleaching. 3 lbs. 35c; 10 lbs. 75c, PP; 100 lbs. \$4.30.

SUMMER OIL—Controls Mealy Bug, Red Spider, Scale, White Fly, Mildew and Rust. Use with Whale Oil Soap. Safe to use on foliage. Pt. 45c; Qt. 70c, PP; Gal. \$1.85; 5 Gals. \$7.00; 14 Gals. \$14.00; 32 Gals. \$30.40.

TOBACCO DUST—Fine ground. For dusting or soil use as pest repellent. Controls poultry worm. 2 lbs. 25c; 10 lbs. 90c, PP; 100 lbs. \$6.75.

VOLCK, GARDEN, NM—Contact Spray containing Volck, Nicotine and Spreader. for Aphid, Mealy Bug, Scale, White Fly, Red Spider, Thrips, Mildew, Rust. 3½ ozs. 35c; Pt. 90c; Gal. \$4.80; 5 Gals. \$19.00; 15 Gals. \$50.00; 30 Gals. \$90.00.

VOLCK, NURSERY—Improved Volck spray replacing "Volck". Controls Mealy Bug, Red Spider, Scale, White Fly, Mildew and Rust. Use with Whale Oil Soap. Pt. 55c, 60c PP; Qt. 80c, 90c PP; Gal. \$2.10, \$2.30 PP; 5 Gals. \$9.00; 28 Gals. \$35.00.



Pest Control Chart

GENERAL INSTRUCTIONS

To obtain the best results with Spray materials listed below, we have indicated the best time for application, as follows: "D"—Dormant application during rest period, when deciduous trees are devoid of foliage. "SD"—Semi-dormant application, when leaf and blossom buds are swelling in the Spring. "F"—Application during full growth. Dust sprays are applied during full growth, so key initial is omitted.

Quantities based on 1 gal. water. Lesser or greater amounts in the same proportion.

Caution: Do not apply sprays on hot days, and never under any condition, mix a spray containing "Summer Oil" or "Nursery Volck" or "Garden Volck" with any sulphur compound, or apply to plants with sulphur residue from previous sulphur sprays. Do not attempt to make combinations of sprays other than formulas quoted unless you have received positive information from intelligent sources.

FORMULAS

Formula "A"—3 to 4 tablespoons Navco Whale Oil Soap and either: 2½ teaspoons of "Evergreen"; or, 1½ teaspoons of "Black Leaf 40"; or, 1 tablespoon of "Nicotine Spray"; or, 12 tablespoons of "Garden Volck". Repeat every two weeks.

Formula "B"—3 to 4 tablespoons Navco Whale Oil Soap and either: 6 to 8 tablespoons of "Summer Oil" or "Nursery Volck"; or 12 tablespoons of "Garden Volck".

Formula "C"—3 to 4 tablespoons Navco Whale Oil Soap and either: 5 tablespoons of "Summer Oil" or "Nursery Volck"; or 8 tablespoons of "Garden Volck".

Formula "D"—3 to 4 tablespoons Navco Whale Oil Soap and either: 5 tablespoons of "Summer Oil" or "Nursery Volck" with either 1½ teaspoons of "Black Leaf 40" or 2½ teaspoons of "Evergreen"; or with 12 tablespoons of "Garden Volck". Note: This Formula is an excellent combination garden spray for Aphid and sucking insects and a preventative against Mildew, Rusts, etc., at the same time.

SPECIAL DIRECTIONS FOR PEST CONTROL

ANTS in the garden, on plants, etc., are carriers of Mealy Bug, Aphid and Scale. Destroy them in soil with Cyanogas. Dust plants, etc., with Navco Nicotine Dust or spray with Formula "A".

APHIS (Aphids or Plant Lice) on plants, shrubs, bushberries, strawberries, roses, vegetables, trees, excepting Woolly Aphis and Aphia (Mealy Plum Louse) on plums and prunes—Dust with Navco Nicotine Dust or spray with Formula "A".

BETLES—Dust with Navco Nicotine Dust, Navco Arsen-deaux, or "Flu-Si Dust".

BROWN ROT OF APRICOTS, PLUMS AND PRUNES—Navco Home-Mix Bordeaux (D and SD).

CANE BLIGHT ON BLACKBERRIES, LOGANBERRIES, RASPBERRIES—Spray with Navco Lime-Sulphur (SD) or with Navco Home-Mix Bordeaux (SD).

CATERPILLARS (Leaf Eating) on Plants and Trees—Dust with Navco Arsen-deaux, or "Flu-Si Dust"; or spray with Arsenate of Lead. (SD).

CELERY BLIGHT ON CELERY—Spray with Navco Home-Mix Bordeaux.

CODLING MOTH ON APPLES, PEARS AND QUINCES—Standard Arsenate of Lead or "Flu-Si Dust" (SD and F).

CODLING MOTH ON WALNUTS—Spray with Basic Arsenate of Lead.

CURL LEAF OF PEACHES—Spray with Navco Lime-Sulphur (SD) December 15th, and with Navco Home-Mix Bordeaux (SD) Feb. 15th, or with Qua-Sul.

CUT WORMS—Scatter Navco Slug and Snail Destroyer or work Vaporite into soil.

EARWIGS—Use "Flu-Si Dust".

FERN LICE AND SCALE—Dip plant frequently in weak solution of "Black Leaf 40" and Navco Whale Oil Soap, "Evergreen" and Whale Oil Soap, or "Garden Volck".

FLEA BEETLE ON TOMATOES—Dust with Navco Arsen-deaux.

GRASSHOPPER IN THE FIELD AND GARDEN—Scatter Navco Slug and Snail Destroyer.

LEAF MINER ON CINERARIAS AND CHRYSANTHEMUMS—Spray with Formula "A".

LEAF HOPPER on grapes, etc. Dust with Cyanogas when foliage is dry.

MEALY BUG ON GARDEN AND GREENHOUSE PLANTS, SHRUBS, GRAPES, PEARS—Formula "B". Control ants.

MEALY PLUM LOUSE ON PRUNES AND PLUMS—Formula "A".

MILDEW ON APPLES, BEANS, CURRANTS, DAHLIAS, DELPHINIUM, GOOSEBERRIES, GRAPES, LETTUCE, PEACHES, PEAS—Neutral Brand Dusting Sulphur, or spray with Qua-Sul.

MILDEW ON ROSES—Spray with Navco Home-Mix Bordeaux (D) or with Navco Lime-Sulphur (D) before growth starts in Spring. Dust with Neutral Brand Dusting Sulphur repeatedly as new shoots appear or spray with Qua-Sul, or Formula "C" or "D". Irrigate in morning, keep water off foliage. Fertilize for strength.

MILDEW ON CUCUMBERS, MELONS, SHRUBS, ONIONS—Navco Home-Mix Bordeaux.

MORNING GLORY—Use K. M. G.

PEACH BORER ON APRICOTS, PEACHES, PLUMS, CHERRIES, PRUNES—Use Navco Paradichlor.

PEACH TWIG BORER ON APRICOTS, NECTARINES, PEACHES, PLUMS, PRUNES—Spray with Navco Home-Mix Bordeaux (D) before December 15th, or spray with Basic Arsenate of Lead (SD).

RED BERRY on blackberries, raspberries, etc. Dust with Neutral Brand Dusting Sulphur. Spray with Qua-Sul, Lime-Sulphur, Formula "C" or Selocide.

RED SPIDER—Dust with Neutral Dusting Sulphur. Spray with Formula "C" or Selocide. Dormant Spray with Navco Miscible Oil in deciduous trees will destroy eggs.

ROSE SCALE ON BUSH BERRIES, ROSES—Spray with Formula "B".

ROT OF BULBS, CORNS, ROOTS AND TUBERS—Use Semesan.

RUST ON ASPARAGUS AND BEANS—Dust with Neutral Brand Dusting Sulphur.

RUST ON ROSES, SNAPDRAGONS AND HOLLYHOCKS—Spray with Alfa Brand Wettable Sulphur, Qua-Sul, or Formula "D", also fertilize and water freely to promote healthy growth.

SCALE ON DECIDUOUS AND NUT TREES—Navco Miscible Oil (D), or Formula "B" (F).

SCALE ON SHRUBS, CITRUS TREES, DECIDUOUS AND NUT TREES IN SUMMER—Formula "B".

SLUGS ON CHERRIES AND PEARS—Dust with Hydrated Lime or Navco Nicotine Dust.

SLUGS AND SNAILS IN THE GARDEN AND ON LAWNS—Scatter Navco Slug and Snail Destroyer.

SOW BUGS IN THE GARDEN AND ON LAWNS—Scatter Navco Sow-bug Destroyer.

TERMITES—Use "Flu-Si Dust".

SQUASH BUGS—Dust with Navco Arsen-deaux or "Flu-Si Dust".

THRIPS—Dust with Navco Nicotine, or spray with Formula "A".

WEEDS IN DRIVEWAYS, WALKS, YARDS, TENNIS COURTS, CURBS and all place where the ground is to be kept clear of plant life—Spray with Navco Weed Destroyer. Do not apply on lawns.

WEEDS IN LAWNS. Spray with "Soiliron" for dandelion and broad leaved weeds. Fertilize frequently with "Ammono-Phos" or Sulphate of Ammonia.

WIREWORMS in soil. Use Cyanogas or Vaporite.

WEEVIL on vegetables, etc. Dust with "Flu-Si Dust".

WOOLLY APHIS ON ROOTS AND BRANCHES OF FRUIT TREES—Spray with Formula "D". Spray uncovered crowns and main roots with Navco Miscible Oil (D). Treat with Navco Paradichlor during Summer months or Vaporite.



SQUASH BUG

A brown bug ¾ inch in length. Sucks the sap from the under side of leaves, causing them to wilt and die.



CHERRY or PEAR SLUG

Larvae eat away the green tissue from under side of leaf.



MILDEW

Develops a white powder or cobweb growth on the young leaves, which become distorted. Occasionally blasts blossoms.



RUST

Appears as rusty reddish brown outbreaks, about size of pinhead, chiefly on under side of leaves.



APHIS

Aphis suck sap from the leaves and terminal shoots, causing leaves to curl and checking growth.



BETLES

Adults and larvae devour the foliage.



Fertilizers, Soil Conditioners, Pest Repellants

NOTE: To simplify measuring out fertilizers, a one-pound baking soda or similar can will hold about an equal weight of fertilizer. To obtain the best results in using plant foods it is well to alternate between the Chemical and Organic Types and to use "Groz-It" at least once a year in order to introduce the essential beneficial bacteria into the soil. "Gaviota" Garden and Lawn and "Loma" contain both Chemical and Organic Plant Foods. Bloodmeal and Bonemeal are Organic. Nitrate of Soda, "Ammo-Phos," Sulphate of Ammonia and "Vigoro" are Chemical.

(* Indicates prices subject to change without notice coincident with market fluctuations, and that items are shipped freight, or express, charges collect. Communicate with us regarding starred items, for prices on large quantities.

ADCO—Green or dried leaves, twigs, cuttings, prunings, lawn clippings also vegetable trimmings make excellent manure, high in plant food content, when treated with Adco. 1 lb. enough to treat 4 cu. ft. of dry refuse or twice as much of greens. Conversion takes but a few months. Every compost pile should be treated with it. Full directions with every bag. 25 lbs. \$2.25*. (Makes 6 ton of manure).

ALUMINUM SULPHATE—To acidify alkaline and neutral soils. Rhododendrons, Heathers, Azaleas, Laurels and other acid loving plants should be treated with it several times a year. Will cause pink Hydrangeas to assume bluish cast. 1 lb. 15c, 20c PP; 5 lbs. 50c, 60c PP.

AMMO-PHOS
THE UNIVERSAL FERTILIZER

AMMO-PHOS (The Universal Fertilizer)—16% Nitrogen and 20% Phosphoric Acid. Unexcelled for rundown lawns, vegetables, fruit trees, berries, vines, etc. 1 tablespoonful will fertilize 3 sq. ft. of row. Use 2 to 10 lbs. per fruit tree. Use ½ lb. to 100 sq. ft. dissolved in 4 gals. of water on lawns. Apply with sprinkling can or Jector. 3 lbs. 30c; 5 lbs. 45c, PP; 10 lbs. 80c* 25 lbs. \$1.75*; 50 lbs. \$3.00*; 100 lbs. \$5.50*.

BLOODMEAL (Dried)—Approximately 12-13% Nitrogen. 1 lb. will fertilize 70 sq. ft. of lawn or garden. Safest to use by dissolving in water and applying with Jector. 10 lbs. 75c, PP; 25 lbs. \$1.50*; 50 lbs. \$2.75*; 100 lbs. \$4.50*.

BONEMEAL (Steamed)—Approximately 1% Nitrogen, 25% Phosphoric Acid. Fine for all garden use, especially so for bulbs. Slow in action. 1 lb. will fertilize 25 sq. ft. 5 lbs. 25c, 35c PP; 25 lbs. \$1.00*; 50 lbs. \$1.75*; 100 lbs. \$3.00*.

CALCIUM SULPHATE (Agricultural Gypsum)—Superior to lime for breaking up adobe and sticky soils. Does not affect soil acidity. Sulphur content makes it a valuable soil fungicide. Work in 4 lbs. to 100 sq. ft. 20 lbs. 50c* 100 lbs. \$1.50*.

GAVIOTA GARDEN & LAWN—A well-balanced mixture of organic and chemical plant foods, so combined as to be effective over a long period. 6% Nitrogen, 8% Phosphoric Acid, 6% Potash. Ideal for lawns and general garden use. 4 lbs. will fertilize 100 sq. ft. Use 4 to 8 tablespoonfuls to a rose bush. 3 lbs. 25c, 35c PP; 10 lbs. 75c*; 25 lbs. \$1.50*; 50 lbs. \$2.75*; 100 lbs. \$5.00*. Charges collect.

"GROZ-IT"—1.84% Nitrogen, 0.75% Phosphoric Acid, 3.00% Potash. Concentrated pulverized natural Sheep Manure in paper-lined sacks, clean, odorless, free of weed seeds and foreign matter. Use 1 lb. to 4 sq. ft. on lawns and flower beds. Soak 2 lbs. in 5 gals. of water, and use liquid for sweet peas, pansies, etc. 5 lbs. 25c; 10 lbs. 45c, PP; 25 lbs. 65c*; 50 lbs. \$1.00*; 100 lbs. \$1.75*; 300 lbs. \$5.00*; 500 lbs. \$8.00*; 1000 lbs. \$15.00*.

LEAF MOLD—For potting and garden soil mixtures. 3 lbs. 20c, 30c PP; 10 lbs. 45c, 60c PP; gunny-sack full, \$1.00, \$1.50 PP.

LIME—Agricultural Shell. 82% pure. For sweetening sour soil. Yearly application desirable about lime-loving plants. Do not use on lawns as lime encourages weeds. Calcium-sulphate better for breaking-up adobe soil. 100 lbs. \$1.25*.

LIME—Hydrated. Used mostly for dusting on foliage against leaf-eating slugs, and with Acid Arsenate of Lead on tender foliage. 3 lbs. 15c; 10 lbs. 45c, PP; 50 lbs. \$1.00*.

NITRATE OF SODA—15% Nitrogen. Used for forcing plants. Dissolve 1 tablespoon in 1 gal. of water. 3 lbs. 25c*; 10 lbs. 75c*; 25 lbs. \$1.25*; 50 lbs. \$2.25*; 100 lbs. \$4.00*.

OXIDE OF IRON—Produces healthier vegetation, more colorful flowers, greener lawns, firmer fruits and vegetables. Destroys slugs and snails by contact. Non-poisonous. 10 lbs. 65c*; 20 lbs. \$1.15*; 50 lbs. \$2.00*; 125 lbs. \$3.75.

GOPHER, MOLE AND RAT EXTERMINATORS

CYANOGAS—Toss a spoonful of Cyanogas in gopher hole, early in morning. Leave hole open. 1 lb. 75c; 5 lbs. \$2.50; 25 lbs. \$8.50; 100 lbs. \$20.00, charges collect.

DEAD SURE RODENT DESTROYER—Sometimes called Gopher Candles. Generates high pressure poison gas which is sure death to gophers and squirrels. 50c doz., \$3.25 per 100. NM.

GOPHER GAS BALL—Light and place in burrow as far as possible. Cover hole tightly. Sure death. 60c dozen; 50 for \$2.00; 125 for \$3.75.

K. R. O.—Kills Rats Only—Can be used with safety around the home, barn, poultryhouse, warehouse, or any rat-infested building. Net weight 2 oz. 75c; by mail 85c.

PEAT (German)—Very best grade granulated, breaks up easily in the hand. Odorless and clean, free from weed seeds and fungus. Indispensable in potting and soil mixture, as mulch and top dressing on lawns and garden beds to retain moisture and for Rhododendons, Azaleas and Heathers. Invaluable for aerating adobe soils. 1 bale will cover approximately 350 sq. ft. 1 in. deep. 5 lbs. 25c; 30c PP. Gunny-sack full \$1.00*; ½ bale, \$1.50*; 1 bale (Approx. 160 lbs.) \$2.50*.

SOILIRON—Sulphate of iron. Intensifies coloring of flowers and fruits. Neutralizes alkaline soils. Kills slugs and snails on contact. Non-poisonous. Dissolve 1 lb. in 1½ gals. water and apply to 350 sq. ft. of lawn area for Dandelion. 3 applications necessary. Always keep off foliage of plants. Use sparingly. 5 lbs. 40c*; 10 lbs. 75c*; 25 lbs. \$1.50*.

"STIM-U-PLANT"—Every lover of thrifty potted plants should use this complete plant food. Contains 11% Nitrogen, 12% Phosphoric Acid, 15% Potash. In convenient tablet form. 30 tablets 25c; 100 tablets 75c; 1,000 tablets \$3.50, PP.

SULPHATE OF AMMONIA—21% Nitrogen. Quick acting plant and lawn stimulant. Dissolve 1 tablespoonful in 1 gal. of water. Apply with Jector. 3 lbs. 25c, PP; 10 lbs. 60c*; 25 lbs. \$1.00*; 50 lbs. \$1.75*; 100 lbs. \$3.00*.

SULPHATE OF POTASH—Encourages root growth, stiffens stems of plants and improves color. Use 1 lb. to 250 sq. ft. 3 lbs. 25c, 35c PP; 10 lbs. 75c, 95c PP; 25 lbs. \$1.50*; 50 lbs. \$2.75*; 100 lbs. \$5.00*.

SULPHUR—(Agricultural)—"Toro" Brand. Improves condition of alkaline soils, very effective against soil diseases for bulbs, roses, etc. Mix handful with soil when planting. 3 lbs. 25c, 45c PP; 10 lbs. 75c, 90c PP; 25 lbs. \$1.50*; 50 lbs. \$2.60*; 100 lbs. \$4.65*, charges collect.

SUPERPHOSPHATES—Stimulates root growth, discourages rank top growth, encourages early maturity of fruits and flowers. Use 2 or 3 lbs. per sq. ft. of area. 10 lbs. 50c*; 25 lbs. \$1.00*; 50 lbs. \$1.50*; 100 lbs. \$2.50*.

VAPORITE—A soil insecticide which repels Wireworms, Grubs, Slugs, Snails, Cutworms, Sow-bugs, Centipedes, Millipedes, Soil Mealybug, Ants, etc. Non-poisonous. When mixed with soil, gives off a vapor which repels and kills. Use 1 lb. to 50 sq. ft. of area. 1 lb. 25c, 35c PP; 5 lbs. \$1.20, \$1.50 PP; 10 lbs. \$2.30*; 25 lbs. \$5.50*; 100 lbs. \$19.00*. Charges collect.

WORM ERADICATOR—Apply evenly over lawn at rate of ½ lb. per sq. yd. then flood with water. Worms immediately come to surface and die. Does not burn grass. Enriches the soil and encourages growth. 2 lbs. 25c, 30c PP; 10 lbs. \$1.00*; 25 lbs. \$2.00*; 100 lbs. \$7.50*.

FERTILIZER DISTRIBUTORS

GAVIOTA—V-shaped hopper, 16 in. long, 9 in. wide, 6 in. deep, 8 in. agitator wheels. All metal; wood handle with feed control to prevent waste of fertilizer. Sturdily constructed. Regulated feed for spreading plant foods, lime, sand, fine soil or grass seed. Weight 8 lbs. \$2.50 each. Charges collect.



JECTOR—Fertilize while you sprinkle. Merely put a water soluble fertilizer like Ammo-Phos. Sulphate of Ammonia, Bloodmeal, etc., in a bucket; fill with water; drop suction tube into fertilizing solution; and—Jector does the rest. Action visible at all times; operation continuous; no need to shut off water. Thoroughly soaks the ground, carrying fertilizer to the roots, where it does the most good. \$1.00 each, \$1.25 PP.

McABEE GOPHER TRAP—The standard wire trap. 25c PP.

NEVER-FAIL GOPHER GUN—Setting off of gun by rodent means sure death, no escape. An effective burglar alarm. Uses .38 blank cartridges, procurable at any hardware store. Price each, \$1.75, PP.

RAT SCENT AND GOPHER SCENT—A specially prepared poisoned combination of grains, sun-dried and scented. The scent attracts them, they eat it immediately. Nothing to mix, all ready to use. Small size, 35c; medium size, 50c. NM.

REDDICK MOLE TRAP—The standard for years. Easy to set. \$1.50 each, \$1.65 PP.



Navlet's Planter's Guide

A Handy Reference Guide, Telling You What, When and How to Plant

Garden Calendars for every month, Planting Tables for Flower and Vegetable Seeds,
Special Cultivation Problems, information on Soil Correctives, Fertilizers,
Pest Control, and other helpful Garden Hints

If you do not find the information you want, write us. We conduct correspondence in French, German, Spanish, Italian and Portuguese. We will be only too glad to answer your garden questions.

PLANNING YOUR GARDEN

In planning the flower garden it is well to bear in mind that we intend our garden for year round pleasure. Many home gardeners permit their enthusiasms for particular types of flowers to run away with them, and consequently fall into the error of developing a garden that has only a brief seasonal charm.

Some, for example, confine themselves to a spring garden, with tulips, narcissus, iris and various rock plants predominating. Others specialize in dahlias or gladioli, which are at their best in the summer months, while still others will feature chrysanthemums, which are at their best in October. If all the plants in the garden bloom in the same season, however, the garden is apt to be uninteresting during the rest of the year. For this reason, there is a tendency even among the people who have a hobby, to diversify their plantings so that there will be blooms during a large part of the year. In most locations in California it is possible to have some color in the garden every month in the year.

In a year-round garden, there will probably be a perennial border that has several distinct flushes of bloom, and possibly there will be a change in the prevailing color with each separate blooming period. Modern landscape designers often favor such planning of gardens. A green lawn or ground cover, a garden pool with its interesting water plants, green shrubs and trees in the background, vines and climbing roses on the fences and trellises, ornamental gates, and garden furniture of good taste give a permanency to the garden which is lacking where a single kind of flower is grown.

The spring months in the garden will feature the spring bulbs, the flowering trees, the primroses and other early herbaceous plants. A little later will come delphinium, Transvaal daisy, pyrethrum, ixias, early gladiolus, perennial scabiosa, campanulas, etc., followed by the main season gladiolus and a host of other popular annuals and perennials in a wide range of colorings. Dahlias are at their best in July, August and September, chrysanthemums in October, and the berried shrubs take care of the winter months with the help of a few occasional flowers.

It is easy, with a little forethought, to plan the garden so there will be flowers to fill in the bare spots in each month of the year, except, perhaps, during the winter. For example, just as the irises are past their bloom, or when the daffodils and tulips have past their prime, the little Virginia stocks can be planted around the bulbs to pick up the thread of color and carry it on into the summer months. These Virginia stocks take only six to eight weeks to begin blooming from seed sown broadcast and watered well. Again, some of the bulbs like gladiolus may be planted at different times to extend the season of bloom. Sweet peas have a rather long season of bloom. Just these few examples suggest the possibilities of even the modest home garden. Certainly most California gardens can have color in practically every month of the year at no great expense.

PLANTS FOR SPECIAL LOCATIONS

The flower grower usually finds that he must select plants for a particular environment. Possibly he may need herbaceous plants or shrubs for shade with plenty of moisture. In other parts of the garden there may be a need for plants which will tolerate a hot sun. These sun loving plants may require considerable moisture in some instances, but in many cases the plants for sunny situations are drought-resistant. Only in a few cases will a drought-resistant plant be unable to stand a hot sun.

Gardeners have a tendency to become specialists. After working to establish a permanent garden, they often wish to build special kinds of gardens. Rock gardening has recently become very popular and has greatly increased the demand for rock garden plants of both desert and alpine types. More people are building lily pools in their gardens than ever before, and this development has increased the need for aquatic and bog plants.

For those who cannot have full size gardens, there are many delightful garden possibilities in hanging baskets, window boxes, and bowls or portable gardens. Many of the succulents (see p. 54) are adapted to small portable gardens or miniature plantings.



This guide is intended for California conditions, but can be used for northern states by making suitable allowance in climate. Usually planting should be done a few weeks later in the north.

Again, flowers are frequently planted with a view to their utility value in the home. Herbaceous or perennial plants may be chosen for their fragrance. Flowering plants are very frequently selected for their value in supplying cut flowers for the house, as well as for the flash of color in the garden. It is well to keep these various purposes in mind in planning the planting.

PLANTING FOR EFFECT

Beginners in home floriculture often have to be satisfied for the time being with annuals which give a quick effect. Such annuals are usually inexpensive. Tall annuals for grouping in the background and climbing vines for growing about the buildings are a wise choice. In front of the tall annuals may be placed a perennial border of plants which will give a quick effect. The bedding annuals or low edging biennials and perennials are well adapted for planting near garden walks. A few shrubs which give a quick effect may be planted along with the annuals and herbaceous perennials.

But as quickly as possible, home gardeners should plan for permanent effects in the garden. Deciduous flowering shrubs and trees, deciduous flowering climbers and trailing plants, broad leaved evergreens for flowers and berries, evergreen flowering vine and trailers, and occasionally some of the yuccas, grasses and large succulents may be used to secure these effects.

THE ANNUALS

Annuals are ornamental plants producing seed and coming into maturity the year in which the seeds are sown. They are not necessarily annual in their duration, in the sense of dying and completing their cycle within twelve months.

For quick effects, the annuals are most valuable, and for that reason they are usually planted in considerable abundance in the newer gardens. Too, the annuals give opportunity for variety in the garden from year to year, as compared with the greater permanence of shrubs and perennials.

The annuals are of easy propagation, being grown from seeds of the previous year. Whether the seeds should be started indoors depends on the region, the species, the season in which bloom is desired. Small delicate seeds should be started under cover for protection from beating rains and winds, whatever the region, north or south. Very few annuals bloom continuously from early to late. The best results are obtained by repeated sowings at intervals. The seedlings should be transplanted before they crowd in the boxes.

Listings of annual plants will be found in this Catalogue on page 67. Flower seeds, both annual and perennial, are listed on pages 32 to 51.

THE PERENNIALS

For permanent effects in the garden, the flower lover looks to the perennials.

Perennials are herbaceous plants that live three years or more. Many of the herbaceous perennials propagate from off-sets and divisible parts. Most of the herbaceous perennials propagate readily by means of seeds. The Larkspur, Campanula, Golden Rods, Chrysanthemums, and many others, may be grown easily from seeds sown in the open ground in Spring. It is preferable to raise the seedlings in boxes or beds and transplant in Autumn or Spring to permanent quarters. Seeds of many perennials, particularly those borne in fleshy capsules or berries, do not grow until they pass the Winter's frost, and some will not germinate until the second Spring. With most herbaceous perennials, the best bloom is obtained with young plants; after the second bloom the plants may begin to fall or to become root-bound. We encourage the practice of growing perennials from seed.

Perennial plants are listed on pages 62 to 67, with Flower Seeds on pages 32 to 51.

Special Planting Instructions

HOW TO SOW

PREPARING THE SOIL.—To grow well, a plant requires a deep, mellow, moist soil, supplied with the right amount of air, heat, and available plant food. An important step, then, in the successful growing of plants is to prepare the soil in such a way that it will be congenial to the best root growth. The soil for truck crops is a rich, sandy loam—a soil containing varying proportions of clay, sand and organic matter. A good garden soil can be made in most back yards by intelligent management and an application of two pounds each of Toro Sulphur and lime to every 100 square feet.

In a deep, mellow soil, the plants grow more quickly, since larger root systems can be developed and more food and moisture absorbed. A deep, mellow soil affords a larger reservoir to hold rain needed during the droughts that come in the growing season. Such a soil is warmer and contains air needed for the growing roots and for the bacteria that cause decay of organic matter or gather nitrogen from the soil air.

Clay is easily injured by tilling when it is not in the right condition. If worked too wet, the particles all slide together into a compact mass. On the other hand, if worked too dry, the clods are hard to break. When clay soil is in the right condition to work it will crumble apart if squeezed in the hand. If it sticks together it is too wet. Clay soil should never be worked when it is wet, not even with a hoe. Calcium Sulphate will help very materially to break up this type of soil.

SEEDS IN THE OPEN.—Seeds of hardy annuals may be sown directly in the bed where they are to remain. Have the ground well worked up and mixed with Humus if needed. The soil should be well moistened, not wet and soggy, and not, by any means, dry when the seeds are sown. Put all medium-sized seeds at a depth of one-quarter to one-half inch. Sweet Peas should go deeper. Very fine seed should be pressed into the soil and a little sand or Peat (see page 84) sifted over them. Water more frequently if the seed is close to the surface, and if necessary protect them with cheese cloth while watering. These seeds are best sown in the open, so as not to be transplanted: Eschscholtzia, Nasturtium, Poppy. If the seed be sown directly in the garden, it should be sown in the Spring after the soil is well worked and when in moist condition. When up, the plants must be thinned from two to twelve inches, depending on the variety, otherwise they will be weak and spindling.

SEEDS IN BOXES.—Always use care in getting a good loam as described above. Use no manure in any seed bed. Boxes 4 inches deep and 18x24 inches are the usual size. See that good drainage is provided by boring holes in the bottom; fill with the fine prepared soil, which should be moist but not wet enough to stick together when squeezed with the hand. Sow the seed about one-quarter inch deep, except fine seeds. Water so as to keep the soil always just moist. Water carefully and regularly. A pane of glass over the box adds more heat, protects from draught, prevents drying out but is not necessary except for difficult seeds. The box should be in the sunlight. When the plants are in third or fourth leaf they should be pricked out and reset in another box with plenty of room, for it is important that the plant be of good size, strong and sturdy, when finally transplanted in the garden.

* * *

MAKING A HOT-BED

Good hot-beds can be made by digging down about three feet and filling the excavation with rather fresh horse manure in which there is a good deal of bedding straw. About 18 inches of this manure is sufficient and then fill in on top with about one foot of good soil mixed with sand. This manure pile will be compressed and will soon begin to ferment and will then keep the top soil warm and cause the seed to sprout quickly and the young plants will grow very fast.

It is best to enclose the hot-bed with boards, making what is called a cold-frame. This is done by running the length of the bed east and west and by making the north side about two feet high and the south side not more than six inches. The ends also should be enclosed and a sash of glass should be hung on hinges at the highest end. This sash should be raised for ventilation during most of the day, since the bed gets very warm and the atmosphere very close if kept tightly closed for too long a time. As the plants grow, the sash should be left up longer each day to harden them and prepare them for final transplanting.

The hot-bed should have a very sunny location near a hedge or some building, well protected from the prevailing wind.

The object of the cold-frame is to make an artificial heat, and to protect the plants from frost during the Winter. Seed may be started at any time during the Winter, and the plants can be ready to set out just as soon as danger of frost is over.

As the sun gets too hot it is necessary to shade the bed and the glass should be whitewashed or covered with sacking if necessary. Too much heat is fatal to the tender young plants.

CULTIVATION OF ROSES

A home garden is hardly complete without a few Roses. Some home gardeners add at least one new Rose a year. The interest thus sustained makes home gardening a renewed pleasure. Roses do require fertilizing, pest control, and careful pruning, but few garden plants give more garden color or more cut flowers for the home.

CHOOSING VARIETIES.—The selection of rose varieties is largely based on the tastes of the grower, although some roses seem to be universally liked. But many of the excellent old roses of twenty-five or thirty years ago have been largely discarded because gardeners are continually on the search for something new. This explains why varieties now popular are seldom over five to ten years old. Hundreds of new roses are being introduced each year. Many of these will fall by the wayside as being inferior in doubleness, resistance to mildew, strength of necks, shape and color, or in one or more of the other essential points.

A rose that blooms a long time, is vigorous in habit, practically free from mildew, resistant to aphid, with attractive foliage, a long pointed bud that holds its shape well, maturing into a flower pleasing in color and not too single (except where entirely single), will most likely remain popular. Some roses fade, or are too variable to be desirable. Many climbing roses have been developed from bush roses. Some of these fail to retain their climbing habits, or do not climb readily, while others are very dependable. Caution, therefore, is needed to avoid mistakes in choosing new varieties.

UNPACKING.—Should plants, when received, have a withered appearance, caused by an unusual delay in transit (which seldom occurs), soak them in water for an hour or more, so as to restore their vitality.

TIME TO PLANT.—Roses should be set out when the plants are dormant or when the leaves begin to fall. Planting season begins about November 15th.

HOW TO PLANT.—The Rose delights in an open, airy situation; all types are partial to clay loam, but will succeed in any ordinary soil if enriched with decayed manure. Dig up the soil thoroughly to a depth of 12 to 15 inches. When the bush is planted press the soil firmly over the roots. Make a basin around the plant, and water freely to exclude air, and settle the earth.

PRUNING.—This operation is best performed during the dormant season. Most Roses do better if moderately pruned. We usually remove from one-third to two-thirds of the past year's growth, and all weak or decayed wood should be entirely cut out. As a rule, the more vigorous the variety the less it should be pruned. It is always the new growth which gives the most flowers.

Rose Diseases and Remedies

APHIS, OR GREEN FLY.—This is a small louse that attacks the young and tender shoots and buds. Nico-Dust No. 6 powdered on the bushes in early morning will kill them. (See page 83.)

MILDEW.—This attacks the leaves and they become covered with a whitish mold. If not attended to, mildew will greatly retard the growth of the plant and impair the quality of the flower. Sprinkle with our powdered sulphur. If powdered sulphur is used early in the morning, when the dew is on the leaves, the remedy will be most effective. Otherwise spray with water before using the sulphur, so it will adhere to the leaves. (See page 83.)

ROSE BUG.—This little rogue is about the size of a house-fly and crawls out of the ground in early spring; powdered white hellebore, or a solution of whale oil soap are the best remedies.

ROSE SLUG.—This pest is about an inch long and of a grayish color. It appears early in the spring and feasts upon the opening buds and flowers. (See page 82, 83.)

DAHLIA CULTIVATION

SOIL AND LOCATION.—The Dahlia loves the open, sunny situations and for convenience and ease in cultivation a rich, mellow soil is preferred. The Dahlia possesses a happy and easy-going disposition, and readily adapts itself to almost any soil or situation, except dense shade and wet, sour soil. Dahlia plants or bulbs can be set as soon as danger of frost is over. Young plants or divided bulbs produce larger and finer flowers than large undivided clumps of bulbs.

DIVISION OF BULBS.—Dahlia bulbs should be taken out of the ground and divided every year to obtain the best results. In dividing Dahlia bulbs one should be very careful not to pull them apart, but use a knife, and be sure to cut part of the stem with the bulb so as to have an eye on the bulb; otherwise the bulb will not grow.

FOR LARGE FLOWERS.—To obtain large blooms or Exhibition flowers, select the largest bud on each stock and pinch off all the rest; by so doing the flowers reach an enormous size.

If troubled with Aphid use Nico-Dust No. 4. For Slugs use Nico-Dust No. 5. (See page 83.)

Special Planting Instructions

CARNATION CULTIVATION

Carnations will thrive in almost any soil. Use one-quarter of decayed manure worked well into the soil 12 inches deep. The young plants should not be set out any closer than 2 feet. Press the soil firmly around the roots so as not to allow air to reach the roots; water freely. Mulch or cover the ground with a layer of decayed manure from 1 to 2 inches thick. This application will keep the soil moist and prevent the hot sun from injuring the roots.

TIME TO PLANT—The best time to plant Carnations is from November to June, although they can be planted all the year round. Carnation plants generally become exhausted in two years and should be replenished.

THIS IS IMPORTANT—Stopping the growth of the young plants by pinching off the leading shoots is one of the most important operations connected with Carnation culture. By stopping the shoots the result is to produce a greater number of growths and make a bushy plant.

To get the largest blooms and long stems you should pinch off all the buds except the leading top bud.

The best time to water Carnations is in the morning.

CHRYSANTHEMUM CULTIVATION

HOW TO PLANT—Chrysanthemums are one of the easiest plants to grow. They thrive in almost any soil, and require a sunny exposure.

To prepare the soil, use one-quarter of decayed manure and work it in thoroughly about 12 inches deep. The young plants should be set out about 2 feet apart, the ground pressed around the roots, and watered freely.

TO GET LARGE BLOOMS—After the young plants have grown 12 inches, pinch them back about 4 inches, then each plant will send out from 3 to 4 stems. In order to give strength to the flowers, mulch, or cover, the ground with a layer of from 1 to 2 inches of decayed manure. As soon as the buds appear on stems, let the largest remain and pinch off all others. Water freely in the morning.

GROWING VELVET LAWNS

SOW ANY MONTH—Lawns can be made in California any month in the year, but if made from September to May will require less care and water. The ground should be well prepared. The soil should not be too rich, as at the start a rapid growth is not wanted from Grass sown for lawns.

PREPARATION OF SOIL—After the ground is thoroughly worked, roll the soil before seeding to prevent the soil from setting uneven. After the soil is rolled, then rake the surface lightly. Sow the seed so as to cover the ground thoroughly with seed. After seeding cover seed lightly with soil. Then roll again so as to press the seed in firmly. If you have no roller use boards and tramp on them so as to pack the ground firmly. A roller is preferred. If you do not pack the ground firmly the seed will grow in spots, and the mower will ruin the lawn on account of the soil being loose.

SELECTION OF SEEDS. See listing of lawn seeds, page 30.

KEEP NEW LAWNS MOIST—Grass Seed will germinate in from 8 to 15 days, according to the weather. If a lawn is made during the Summer, after the seed has been rolled, the ground should be covered lightly with straw or grass or pine sawdust so as to retain the moisture. New lawns should not be allowed to dry out, not even for half a day. For the first 15 days the lawn should be watered twice a day if it is required.

FERTILIZE TWICE A YEAR—A lawn should be fertilized after the first cutting. If these directions are carried out, the seed will quickly produce a firm, deep, velvety and elastic turf, with no tendency to stool or grow in clumps. It roots deeply and holds its beautiful emerald green color throughout the season. To keep this beautiful color, lawns should be fertilized with Groz-it or Bone Meal in the Fall or early Spring—or Ammo-Phos in Spring. If stable manure, which is often full of weed seeds, is used, it will cost more to remove the weeds than to put in a new lawn.

LAWN DRESSING—Lawn Dressing is more effective when used after sundown and immediately watered, so as to force the dressing to the roots of the grass. If Lawn Dressing is put on during the heat of the day and not immediately watered, the lawn will be damaged by the chemical which is contained in the dressing. If you follow these directions, you will have a beautiful lawn. Use 2 to 2½ pounds of Lawn Dressing to 225 square feet.

MAKING A LAWN ROLLER.—Lawn rollers are an expensive luxury, but you can easily make one at little cost. Have your plumber cut the end off an old galvanized hot water tank, making it from 3 to 4 feet wide. Tilt on end, make a core of iron pipe 1 inch in diameter, place in center, fill with concrete and let harden.

Next take ¾-inch iron gas pipe and pass through core for an axle. With elbows and more ¾-inch pipe make sides and handle to push roller back and forth.

Sprinkle lawn, then use roller. This will develop a smooth, even lawn surface.

BLACKBERRIES, RASPBERRIES, ETC.

ENCOURAGE NEW GROWTH—Each year, after the leaves have fallen, and have left the canes bare, cut off the canes that have fruited during the summer so they will be level with the surface of the ground, then new canes will sprout out. Allow to remain for the coming season. After they have grown, prune off or pinch the tips of each cane to force out the laterals (side branches). It is the new growth that produces the choicest fruit. If the old canes are left on the plants they will produce inferior fruit.

If you intend to tie the canes to stakes or a trellis, let the plant attain a height of 5 to 6 feet before pinching or pruning off the tips of the new cane growth. If you intend to teach plants to stand alone, pinch off the tips when 2 to 4 feet high.

REMOVE OLD CANE—All old cane and other debris should be removed from the rows after pruning. Blackberries require a rich ground, and plenty of well-rotted stable manure or compost should be applied as soon as the patch is cleaned up. Blackberries should be planted in rows from 6 to 8 feet apart, and the plants 3 feet apart in each row, as they have a constant tendency to spread themselves in the rows.

CURRANTS AND GOOSEBERRIES

EASY TO GROW—Culture of Currants and Gooseberries consists in cleaning them of the dead wood in Winter and thinning the new shoots in the spring, as may be desired. They should be grown in rows from 5 to 6 feet apart, and the plants should be planted in rows 2 to 3 feet apart. For mildew use sulphur.

Treatment of the soil is the same as for Blackberries.

STRAWBERRY CULTURE

FOR BEST SUCCESS—The ground should be prepared by digging or plowing about 12 inches deep. The soil should be well enriched with thoroughly rotted stable manure or ground bone, or any other good fertilizer, and worked thoroughly into the soil. Make the beds about 3 feet wide, so as to accommodate 3 rows of plants. The plants should be set 15 inches apart each way. Don't allow runner plants to set closer than 4 inches after the plants begin to send out runners.

The plants must have ample room to build up. Keep the soil around young plants well loosened and never allow the soil to get hard around the young plants. Hoe often.

HOW TO GROW GRAPES

SOILS FOR THE GRAPE—Grape Vines will thrive in almost any soil that is fertile.

DISTANCE OF PLANTING—Plant 8 to 10 feet apart. If for Raisins and you want to dry the grapes on trays in the fields, then plant vines 4¼ feet in rows, and rows 11 feet apart; double team can be used for cultivating when planted this way.

In planting great care should be taken; the holes should be carefully dug. If the ground is dry, pour water in the hole; thoroughly soak. Before planting, all dead or injured roots should be trimmed. Plant from December to March.

STAKING—In autumn or winter following the planting the vines should be staked either before or after pruning; in any case, some time before the buds start in the spring.

The stakes used depend on the variety of the vine and method of pruning to be ultimately adopted.

Good strong stakes, about 5 to 6 feet long, and 1¼ to 2 inches square should be used, and driven far enough into the ground, at least two feet, so they will stay firm and prevent them from being loosened by the force of the wind on the vine, which is tied to the stake. The stake should extend 2 or 3 inches above the height at which the vine is intended to head. The stakes should be placed 1 to 2 inches from the vine on the side opposite to the prevailing heavy winds.

PRUNING THE VINE—The vines may be pruned at any time after the leaves have fallen. All the canes are removed entirely except the strongest, and these are cut back to two buds from the joint and the canes tied to the stake. It is very important that these canes should be straight. The top cut is made through the bud.

DISEASE OF THE VINE—One of the most prevalent diseases of the vine in California is caused by fungus, which affects leaves, canes and berries, and which is locally known as "Mildew." This disease is recognized by grayish white coloring of the affected leaves, which, as the disease progresses, shrivel and dry up. The young cane also blackens and dies, and the individual grapes show whitish patches, which become darker colored and they crack open. The usual remedy is finely ground sulphur; apply several times during the season.

Budding, Grafting and Pruning

A few simple rules for the Home Gardener

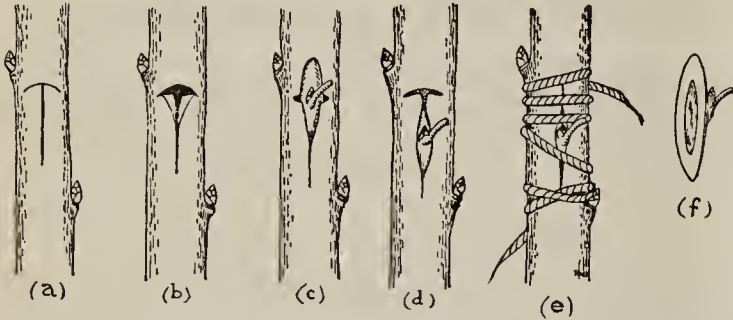
The mention of budding and grafting to the home gardener immediately opens up a vision of something at once so complicated and out of the ordinary that only an expert in this particular line should attempt it. A few simple rules that anyone can easily understand, and a few experiments will convince the most skeptical that with a little care the calling in of an expert is not at all necessary.

BUDDING

Budding should be done in the spring and summer, when the bark can be separated.

First prepare the bud as it appears in Fig. (f) as shown in the illustration below; next select the branch on which the bud is to be inserted. It is always well to select the bud from a healthy tree or branch and, of course, to select a healthy limb for the incision.

With a budding or other sharp knife, make a T-shaped incision a little longer than the bud, in the bark of limb, in a smooth place of bark on the parent tree, as shown in Fig. (a); next roll back the bark as shown in Fig. (b); then insert bud as in Fig. (c); gently press bud down into the incision until firmly placed against the inner wood as shown in Fig. (d); next tie securely the bud and bark with twine, starting above the bud and working downward, as shown in Fig. (e), making sure that the twine is directly above and below the bud.



Cut string in two to three weeks, before the string shows signs of abrasing the bark.

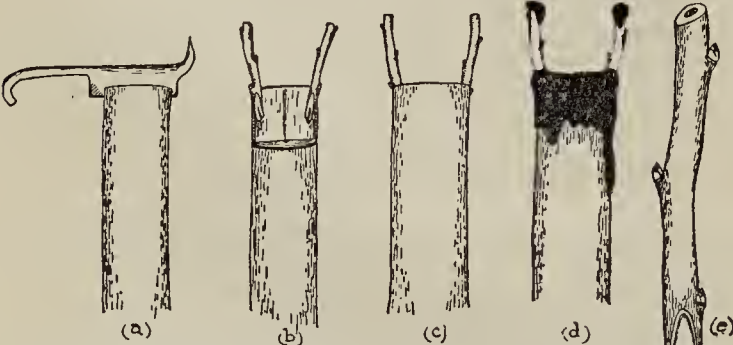
You may grow several different varieties of fruit on one tree, but always remember that a stone fruit can only be budded or grafted on a stone fruit tree.

Roses should be budded after the spring blooms have died down, but may be budded all through the active growing season.

Why not have more roses? You may have a dozen different varieties of roses on one bush.

GRAFTING

Grafting Fruit or Nut Trees in California must be done when the trees are dormant. This is usually any time between December and February, according to the section of the State.



Never trim more branches or cut scions than can be finished the same day. Do not allow water to become mixed with wax, and it is best not to do grafting on a rainy day.

One graft or scion to a 1-inch limb, or 3 scions to a 3-inch stub is a good rule to follow.

First select the scions, which should have three or four healthy buds thereon, and shape as in Fig. (e), being at the base in the form of a wedge or like the letter V.

Next select the tree upon which the graft is to be made, being sure to select a healthy limb. Saw off with a sharp saw from 6 inches to 2 feet from the main trunk. Then take a grafting knife and make a clean cut as in Fig. (a) in the illustration above, about 3 inches deep; spread the cut with back hook of grafting knife to allow insertion of grafts as in Fig. (b), which for convenience sake has been shown as though a section of the tree had been removed, making sure that the wedge is just below the upper surface of cut. Figure (c) shows the grafts as they actually appear.

The next step is to cover the tops of grafts and stump of branch with grafting wax of best quality, as shown in Fig. (d), filling the cut across the end of limb and along the side following the cut, to exclude the air, so the scion or graft will not dry out, and be given a chance to grow.

PRUNING

The tops should be shortened in, more or less, depending on the size, variety and condition of the trees. In commercial orchards one-year-old trees are cut down to from 18 inches to 2 feet above the ground, and all the side limbs are cut to one or two buds; two-year-old trees with formed tops should be shortened in from 6 inches to 1 foot of main stem. No Summer pruning should be done the first year; strong growing side limbs on lower part of the tree can be shortened in from 6 inches to 1 foot from stem, so that the leaves left will shade the trees.

APPLE AND CRABAPPLE—Trees should not be allowed to carry too many branches, and pruning will largely consist of thinning out surplus shoots, and removing interference between branches. It is not desirable to shorten-in the Apple, as is done with the Apricot and Peach.

APRICOTS—The practice is to remove half or two-thirds of the new growth and thin out by removing enough new and old wood to prevent the tree from becoming thick and bushy.

ALMONDS—The tree should be headed low and pruned during the first three years to secure a shapely, strong tree. After the third year little pruning is required except to thin out objectionable branches by Winter pruning.

CHERRY—The Cherry tree may be pruned the same as any other deciduous fruit tree, until it is about five years old; after that the less pruning the better.

FIGS—After getting the general shape of the tree, there is little need of pruning except to remove defective branches or those which cross and interfere with each other. It is better to remove branches entirely than shorten them, or, in shortening, always cut to a strong lateral. Stubs left in pruning are very undesirable.

ORANGE—LEMON—POMELO—The Orange tree is more disposed, naturally, to assume a good form than most other trees, and for this reason it requires as little pruning as possible. Overcome the tendency of the young trees to run long shoots, which interfere with irrigation and cultivation. Remove defective branches and those which will cross and interfere with each other.

PEACH AND NECTARINE—The Peach, fruiting only on wood of the previous year's growth, bears fruit farther away from the body of the tree each year, and the small shoots of from one-eighth to three-sixteenths in diameter begin to decline when the fruit is removed. To have healthy growth, all of these small branches must be removed.

PEAR—Prune straggling branches; thin out so that the branches will not wind around each other, but don't cut the top. The more you cut the more wood you get. After the tree comes into full bearing it is plenty of time to head back.

PLUMS AND PRUNES—The annual growth must be shortened-in every Winter from one-half to two-thirds, and all laterals and fruit spurs must be cut back at every pruning.

CHESTNUT—PERSIMMON—POMEGRANATE—QUINCE—Require practically no pruning, except to remove defective branches and those which interfere with each other.

WALNUT—All the pruning needed is to obtain the general shape. Whenever shoots are killed back by frost or by sunburn, they should be cut off cleanly below the black mark which shows how far the injury has extended. If this is done, the die-back down the branches is usually prevented.

FRUIT TREE TABLES

Usual Distance for Planting Fruit Trees

	Each Way
Apple	30 or 40 ft.
Apple, dwarf	10 or 15 "
Apricot	16 or 20 "
Almond	20 or 24 "
Cherry	16 or 25 "
Chestnut	35 or 40 "
Fig	35 or 40 "
Grape Fruit (Pomelo)	20 or 25 "
Grape	6 or 8 "
Lemon	20 or 25 "
Nectarine	16 or 20 "
Orange	20 or 25 "
Prune	20 or 24 "
Peach	16 or 20 "
Pear	20 or 30 "
Pear, dwarf	10 or 15 "
Plum	16 or 20 "
Persimmon	20 or 25 "
Pomegranate	20 or 25 "
Quince	8 or 14 "
Walnut	35 or 40 "

Fruit-Bearing Table

	Time to Bear After Planting Years	Paying Crop Years
Apple	3	7
Apricot	2	4
Almond	2	5
Cherry	3	6
Chestnut	3	8
Currant	1	3
Fig	1	5
Grape	1	3
Grape Fruit	2	6
Lemon	2	6
Orange	2	6
Peach	2	5
Pear	2	8
Plum	2	6
Persimmon	3	7
Pomegranate	5	10
Prune	2	5
Quince	2	4
Walnut	2	7

All trees produce the second year after planting, but not in paying quantities.

Where to Plant Flowers--Classified

Quite often we are asked as to what flowers are suitable for planting in certain locations, and as to their most suitable uses. We have therefore classified all the different flowers of which we sell seeds or plants for convenient reference.

Perennials are separated from Annuals, and Biennials are classed with the Perennials. Plants that will do well in a shady location we have indicated by (S) after the name, and those that will do well in partially shaded locations are indicated by (PS).

SEED OR GREENHOUSE PLANTS

Asparagus Fern (S)	Cineraria (S)
Begonia Tuberos	Coleus
(PS)	Gloxinia
Calceolaria (PS)	Primula

BEDDING PLANTS, PERENNIAL

From 1 to 2 Feet High

Achillea	Marguerite
Begonia, Tuberos	Marguerite Carna-
(PS)	tion
Begonia, Vernon	Pentstemon
Candytuft, Peren-	Salvia
cial	Shasta Daisy
Carnation	Stevia Serrata
Cineraria (S)	Stocks, Perpetual
Columbine	Sweet William
Coreopsis	Umbrella Plant
Daisy, Shasta	Verbena
Gaillardia	Violet (S)
Geum	Wallflower
Lantana	

ANNUAL BEDDING PLANTS

or Tall Border Plants—1 to 2 Feet

Ageratum, Tall	Gypsophila (for
Aster	bouquets)
Bachelor-Button	Linum, Scarlet
Balsam	Flax
Brachycome	Lupins
Calendula	Marigold
Candytuft	Mignonette
Celosia	Nasturtium
Centaurea	Dwarf
Chrysanthemum	Nigella, or Love-
Clarkia	in-a-Mist
Cockscomb	Pansy (PS)
Dianthus	Petunia
Eschscholtzia or	Poppy
California Poppy	Phlox
Four-o'Clock	Pyrethrum Grandi-
Gaillardia	florum
Garden Pink	Schizanthus
Godetia	Snapdragon, Dwarf
Grasses, Ornamen-	Statice
tal	Stock, Ten Weeks
	Swan River Daisy

TALL GROWING SHRUB PLANTS, PERENNIAL

For Grouping; from 2½ Feet Up

Abutilon	Larkspur, Perennial
Canna	Lavender
Canterbury Bell (PS)	Lupin
Castor Oil Bean	Mallows
Columbine (PS)	Mourning Bride
Dahlia	Pampas Grass
Datura	Pentstemon
Delphinium	Poppy, Oriental
Digitalis	Red Hot Poker
Foxglove	Plant
Fuchsia	Roses
Geranium	Salvia Splendens
Gladiolus	Salvia Farinacea
Golden Glow	Scabiosa
Golden Rod	Snapdragon, Tall
Grasses	(PS)
Hibiscus	Verbena
Hollyhock	Wallflower (PS)

TALL GROWING PLANTS FOR GROUPING, ANNUAL

From 2½ Feet Up

Amaranthus	Larkspur
Calliopsis	Rudbeckia
Cosmos	Salpiglossis
Kochia	Sunflower

LOW EDGING PLANTS, ANNUAL

6 to 12 Inches High

Ageratum, Dwarf	Dianthus
Alyssum	Lobelia Compacta
Baby Blue Eyes	Mignonette (S)
Candytuft, Dwarf	Nemophila
Celosia, Dwarf	Pansy (PS)
Daisy	Portulaca
Forget-Me-Not (S)	Stocks

EVERLASTING FLOWERS

Arcoclinium	Rhodanthe
Helichrysum	Statice

LOW EDGING PLANTS, PERENNIAL

6 to 12 Inches High

Alyssum	Freesia
Anemone	Gaxania
Border Pinks	Oxalis
Campanula Car-	Poppy, Iceland
patica	Primula, Vulgaris
Centaurea, Dusty	and P.
Miller	Polyanthus (S)
Daisy, English	Pyrethrum (Gold-
Dianthus	en Feather)
	Ranunculus

PLANTS FOR ROCKERIES, HANGING

BASKETS OR WINDOW BOXES

Asparagus Fern (S)	Musk
Bignonia	Nasturtium
Forget-Me-Not (S)	Oxalis
Kenilworth Ivy (S)	Portulaca (Rock-
Lobelia, Trailing	ery)
Maurandia	Verbena (PS)
Mimulus	

CLIMBING VINES, ANNUAL

Balloon Vine	Hyacinth Bean
Scarlet Runner Bean	Mina Lobata
Canary Bird Vine	Moonflower
Cypress Vine	Morning Glory
Gourds, Ornamental	Nasturtium, Tall
Hardy Jasmine	Plumbago
Humulus, or Jap-	Sweet Pea
anese Hop	Tecoma Radicans

CLIMBING VINES, PERENNIAL

Ampelopsis, Boston	Honeysuckle
Ivy	Hop Vine
Australian Pea	Kudzu Vine
Vine	Passion Vine
Bridal Veil	Roses
Bougainvillea	Smilax
Cinnamon Vine	Trumpet Vine
Cocoba Scandens	Virginia Creeper
Heliotrope	Wistaria

FOR DRY PLACES

The following are fairly drought-resistant and may be grown in dry situations, where they will bloom freely with little attention:

Abronia	Marigold, French
Calla Lily	Ice Plant
Coreopsis	Mimulus
Cornflower	Nasturtium
California Poppy	Nigella
Gazania	Pelargonium
Godetia	Pentstemon
Golden Rod	Petunia
Hellanthus	Scabiosa
Helichrysum	Shirley Poppy
Lippia	Verbena
	Fuchsia

CUT FLOWERS AND GREENERY

The following plants are well adapted for use in a garden when quantities of flowers and greenery are wanted for interior decoration and other purposes:

Alyssum	Geranium
Amayillis	Gerbera
Anemone Japonica	Geum
Snapdragon	Gladiolus
Asparagus Plu-	Godetia
mosus	Gypsophila
Belflower	Heliotrope
Bleeding Heart	Heuchera
Calceolaria	Hollyhock
Calla Lily	Hydrangea
Campanula	Ixia
Candytuft	Larkspur
Canna	Marguerite
Carnation	Marigold
Centaurea	Mignonette
Sweet Sultan	Mimulus
Chrysanthemums	Forget-Me-Not
Clarkia	Nigella
Coreopsis	Nasturtium
Cornflower	Pansy
Cosmos	Pentstemon
Cyclamen	Petunia
Dahlia	Phlox
Delphinium	Pinks
California Poppy	Poppy
Everlasting Flow-	Salvia
ers	Scabiosa
Feverfew	Schizanthus
Gaillardia	Shasta Daisy

Smilax	Sweet Pea
Snapdragon	Verbena
Statice	Violets
Stock	Woodwardia
Sunflower	Zinnia

HERBACEOUS HEDGE PLANTS

The following plants range from 1½ to 3 to 4 feet high and may be used to give a profusion of color and brightness to a home place; to make low boundary lines between property lines; partially to hide some disagreeable object; to give a touch of privacy about some garden feature; to plant around a vegetable garden to make it more attractive; they are very effective treated as temporary plant material:

Calceolaria	Lantana
Calla Lily	Lavender
Feverfew	Marguerite
Fuchsia	Pelargonium
Geranium	Rosemary
Helichrysum	Salvia
Heliotrope	

FOR NATURALIZING

Plants that will grow year after year without much attention, and therefore good to naturalize and leave alone:

Aquilegia	Iris
Bleeding Heart	Pentstemon

MOIST SOILS, BOGS, OR EDGES OF WATER

For wet grounds, bogs, or near edges of water the following have been found to be successful:

Calla Lily	Pampas Grass
Cypress Alterni-	Rudbeckia
folius	Watercress

Iris

ALMOST CONTINUOUS BLOOMERS IN SOME PARTS OF CALIFORNIA

Flowers from these plants can be had most of the year in some parts of California:

Alyssum	Hollyhock
Begonia	Marguerite
Canna	Pelargonium
Carnation	Pentstemon
Lantana, Dwarf	Petunia
California Poppy	Primula
Feverfew	Shasta Daisy
Geraniums	Snapdragon
Geum	Stoksia
Gerbera	Statice

ROCK GARDENS IN SHADE

A selection from the following will enable one to bring into the garden some of the dainty beauty of wildwood plants:

Aquilegia	Forget-Me-Not
Heuchera	Oxalis
Myosotis	Phlox
	Primula

FOR SHADY PLACES

Plants such as these that grow freely in the direct rays of the sun in middle California require shade in southern California and must be protected from the summer sun of the Sacramento and San Joaquin Valleys. Therefore, plant them under lath-houses or in the shade of trees or on the north side of a house:

Agapanthus	Foxglove
Alyssum	Heuchera
Anemone	Larkspur
Aquilegia	Lily of the Valley
Asparagus	Mimulus
Aspedistra	Myosotis
Begonia	Oxalis
Daisy	Pansy
Calla	Pentstemon
Cineraria	Paeony
Cyclamen	Primula
Cyperus	Salvia
Bleeding Heart	Wallflower
Digitalis	

ROCK GARDENS IN THE SUN

Abronia	Lilliput Zinnias
Alyssum	Nemophylla
Gazania	Pentstemon
Geum	Portulaca
Helichrysum	Santolina



The Planting Calendar, Month by Month

A Year-round Guide for the Flower Gardener, Telling What to Plant Every Month of the Year

NOTE: This Planting Table has been compiled for California conditions. For planting in northern states, allowance should be made for difference in climate, seeds, in most cases, being planted a few weeks later.

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	
Achillea Acroclinium Alyssum Asparagus Calceolaria Calendula Campanula Candytuft (HP) Carnation Cheiranthus Chrysanthemum Coreopsis Cynoglossum Daisy Daisy, Chiffon Daisy, Shasta Didiscus Eschscholtzia Foxglove Geum Lathyrus Lilium Regale Lobelia Lupin Lilium Regale Lobelia Lupin Lilium Regale Lobelia Lupin Lychnis Marigolds Meconopsis Mignonette Mimulus Nemophila Oenothera Pansy Passiflora Pentstemon Portulaca Poppy Primula Malacoides Pyrethrum Snapdragon Statice Stocks Sweet Peas Sweet William Thalictrum Tigridia Wild Garden	Abutilon Achillea Acroclinium Agathe Ageratum Agrostemma Alyssum Amaranthus Ampelopsis Anchusa Arctotis Armeria Asparagus Asters Aubretia Balsam Begonia Calceolaria Calendula Cal. Native Flowers Campanula (A) Campanula (HP) Canna Carnation Celosia Centaurea Centaurea (HP) Cheiranthus Chrysanthemum Cineraria Cobea Scandens Columbine Coreopsis Cosmos Cynoglossum Daisy Daisy, Chiffon Daisy, Shasta Delphinium Dianthus Didiscus Dimorphotheca Echium Eschscholtzia Euphorbia Foxglove Gaillardia Gerbera Gloxinia Godetia Gourds Gypsophila Helichrysum Heliopsis Heliotrope Heuchera Hollyhock Hop Vine Hunnemannia Incarvillea Ipomea Kochia Lantana Larkspur Lathyrus Lavatera Lavender Leptosyne Lilium Regale Linaria Linum Lobelia Lupin Lychnis Marigolds Meconopsis Mignonette Mimulus Nemophila Nicotiana Oenothera Pansy Passiflora Pentstemon Pyrethrum Pyrethrum Rhodanthe Salpiglossis Salvia Scabiosa Schizanthus Snapdragon Statice Stocks Stokesia Sweet Peas Sweet William Thalictrum Thunbergia Tigridia Tithonia Tropaeolum Ursinia Valerian Venidium Verbascum Verbena Viola Virginia Stocks Viscaria Wallflower Wild Garden Zinnia	Abutilon Achillea Acroclinium Agathe Ageratum Agrostemma Alyssum Amaranthus Ampelopsis Anchusa Arctotis Armeria Asters Aubretia Balsam Begonia Calceolaria Calendula Cal. 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When to Plant Your Favorite Flowers

A convenient list of the most popular Annuals and Perennials with their planting seasons

PLANTING CALENDAR (Cont.)

Forget-Me-Not	Forget-Me-Not
Foxglove	Foxglove
Gaillardia	Gaillardia
Gerbera	Gerbera
Geum	Geum
Godetia	Godetia
Gypsophila	Gypsophila
Heliopsis	Heliopsis
Heuchera	Heuchera
Hollyhock	Incarvillea
Incarvillea	Larkspur
Lantana	Lathyrus
Larkspur	Lavender
Lathyrus	Linaria
Lavender	Lupin
Lilium Regale	Lychnis
Linaria	Lythrum
Lupin	Mignonette
Lychnis	Mimulus
Lythrum	Nemophila
Mignonette	Oenothera
Mimulus	Pansy
Nemophila	Pentstemon
Oenothera	Phacelia
Pansy	Phlox
Pentstemon	Physostegia
Phacelia	Poppy
Phlox	Portulaca
Physostegia	Primula Malacoides
Poppy	Pyrethrum
Portulaca	Rehmannia
Primula Malacoides	Salvia (P)
Pyrethrum	Scabiosa Columbaria
Rehmannia	Scabiosa Caucasia
Salvia (P)	Snapdragon
Scabiosa Caucasia	Statice
Scabiosa Columbaria	Stocks (P)
Snapdragon	Sweet Peas
Statice	Sweet William
Stocks (P)	Thalictrum
Sweet Peas	Tigridia
Sweet William	Valerian
Thalictrum	Verbasum
Tigridia	Verbena
Valerian	Viola
Verbasum	Viscaria
Verbena	Wallflower
Viola	Wild Garden

DECEMBER

Achillea
Agrostemma
Alyssum
Asparagus
Calceolaria
Campanula
Cheiranthus
Coreopsis
Daisy
Daisy, Chiffon
Daisy, Shasta
Foxglove
Geum
Mignonette
Mimulus
Nemophila
Oenothera
Pansy
Portulaca
Primula Malacoides
Snapdragon
Statice
Sweet Peas
Wild Garden

NOVEMBER

Achillea
Agathe
Agrostemma
Alyssum
Anchusa
Armeria
Asparagus
Aubretia
Calceolaria
Campanula
Carnation
Centaurea (HP)
Cheiranthus
Columbine
Coreopsis
Cynoglossum
Daisy
Daisy, Chiffon
Daisy, Shasta
Delphinium
Dianthus

PLANT THIS FALL!

Whenever the planting calendar permits of Fall planting, we strongly recommend the Fall period. The stronger Perennials which can be planted out of doors will secure a sturdier growth and be ready for early Spring blooming. Seeds sown indoors in the Fall period will have developed good plant growth for Spring transplanting, and thus save many weeks of waiting for flowering period. Roses, Shrubs, and Ornamentals will practically all thrive better if planted in the Fall. And a checking of the Vegetable Planting Lists (Page 92) will show that many Vegetables may be planted in the Fall for early Spring crops.

For Planting Season of Bulbs and Roots, See Page 13

In this table the following seeds may be planted outdoors in the Fall: **Campanula, Canterbury Bells, Delphinium, Dianthus, Hollyhock, Larkspur, Pansies, Pentstemon, Sweet Peas.** For all other varieties the Fall period is for planting inside in boxes to give the plant growth for transplanting outdoors in the Spring after all danger of frost is over, and the Spring period is for planting outdoors.

Abronia.....	May to Sept.	Lantana.....	Aug. to Oct., Feb. to May
Abutilon.....	Aug. to Sept., Feb. to May	Larkspur.....	Sept. to Nov., Feb. to April
Acroclinium.....	Jan. to May	Lathyrus.....	Oct. to Nov., Jan. to April
Achillea.....	Aug. to March	Lavatera.....	March to May
Agathe.....	Sept. to May, Feb. to April	Lavender.....	Sept. to Nov., March to May
Ageratum.....	Feb. to May	Leptosyne.....	Feb. to June
Agrostemma.....	Oct. to Dec., Feb. to April	Lilium Regale.....	Aug. to Oct., Jan. to April
Alyssum.....	Sept. to May	Linaria.....	Sept. to Nov., Feb. to April
Amaranthus.....	Feb. to May	Linum.....	Feb. to June
Ampelopsis.....	Feb. to May	Lobelia.....	Jan. to March
Anchusa.....	Sept. to Nov., Feb. to May	Lupin.....	Sept. to Nov., Jan. to April
Anemone.....	March to July	Lychnis.....	Sept. to Nov., Feb. to April
Aquilegia.....	(See Columbine)	Lythrum.....	Sept. to Nov., Feb. to April
Arctotis.....	Feb. to May		
Armeria.....	Sept. to Nov., Feb. to April		
Asparagus.....	Oct. to March		
Asters.....	Feb. to May		
Aubretia.....	Sept. to Nov., Feb. to May		

Bachelor's Button.....(See Centaurea)
Balsam.....Feb. to May
Begonia.....Feb. to May

Calceolaria.....	Aug. to April
Calendula.....	Feb. to Aug.
Calif. Native Flowers.....	Feb. to May
Calliopsis.....	Feb. to June
Campanula.....	Aug. to April
Campanula (A).....	Feb. to March
Candytuft (HP).....	Jan. to Aug.
Canna.....	Feb. to June
Carnation.....	Sept. to Nov., Jan. to April
Castor Bean.....	March to May
Celosia.....	Feb. to May
Centaurea (A).....	Feb. to May
Centaurea.....	Sept. to Nov., Feb. to May
Cheiranthus.....	Aug. to April
Chrysanthemum.....	Jan. to April
Cineraria.....	Feb. to Aug.
Clarkia.....	March to May
Cobea Scandens.....	Feb. to March
Coleus.....	March to May
Columbine.....	Sept. to Nov., Feb. to April
Coreopsis.....	Aug. to May
Cosmos.....	Feb. to May
Cynoglossum.....	Sept. to Nov., Jan. to March

Dahlias.....	Feb. to May
Daisies.....	Aug. to March
Daisy, Chiffon.....	Sept. to March
Daisy, Shasta.....	Sept. to March
Delphinium.....	Sept. to Nov., Feb. to March
Diandus.....	Sept. to Nov., Feb. to April
Didiscus.....	Jan. to June
Dimorphothea.....	Feb. to April
Dolichos.....	March to May

Echium.....	Feb. to April
Eschscholtzia.....	Jan. to April
Euphorbia.....	Feb. to April

Forget-Me-Not.....Sept. to Nov., April to May
Foxglove.....Sept. to April

Gaillardia.....	Aug. to Nov., Feb. to May
Gerbera.....	Sept. to Nov., Feb. to April
Geum.....	Sept. to March
Gloxinia.....	Feb. to March
Godetia.....	Sept. to Nov., Feb. to April
Gourds.....	March to April
Gypsophila.....	Sept. to Nov., Feb. to April

Helichrysum.....	Feb. to April
Heliopsis.....	Sept. to Nov., Feb. to April
Heliotrope.....	Feb. to April
Heuchera.....	Sept. to Nov., Feb. to April
Hollyhock.....	Aug. to Oct., March to May
Hop Vine.....	March to May
Hunnemannia.....	Feb. to May

Incarvillea.....	Sept. to Nov., Feb. to April
Ipomea.....	March to May

Kochia.....Feb. to May

Marigold.....	Feb. to May
Meconopsis.....	Feb. to April
Mignonette.....	All Year
Mimulus.....	Sept. to March
Momordica.....	Feb. to April
Morning Glory.....	Feb. to April

Nasturtium.....	Feb. to April
Nemesia.....	Feb. to April
Nemophila.....	Sept. to March
Nicotiana.....	Feb. to May

Oenothera.....	Sept. to April
Passiflora.....	Jan. to March
Petunia.....	Feb. to April
Pansies (for spring flowering).....	Sept. to Nov.
Pansies (for summer and late blooming).....	Feb. to March
Pentstemon.....	Sept. to Nov., Jan. to April
Phacelia.....	Sept. to Nov., Feb. to April
Phlox.....	Aug. to Nov., Feb. to April
Physalis.....	Feb. to April
Physostegia.....	Sept. to Nov., Feb. to April
Poppy.....	Sept. to Nov., Jan. to April
Portulaca.....	All Year
Primrose.....	Feb. to April
Primula (Malacoides).....	Aug. to Feb.
Primula (Obconica).....	Feb. to May
Pyrethrum.....	Sept. to Nov., Jan. to March

Ranunculus.....	March to July
Rehmannia.....	June to Nov.
Rhodanthe.....	Feb. to May

Salpiglossis.....	Feb. to May
Salvia (Perennial).....	Sept. to Nov., Feb. to April
Salvia.....	Feb. to Aug.

Scabiosa (Caucasica).....	Sept. to Nov., Feb. to April
Scabiosa (Columbaria).....	Sept. to Nov., Feb. to April
Scabiosa Grandiflora.....	Feb. to April
Schizanthus.....	Feb. to June
Snapdragon.....	Sept. to March
Statice.....	Sept. to April
Stokesia.....	Feb. to April
Stocks.....	June to Nov., Jan. to April
Sunflower.....	April to June
Sweet Peas.....	Aug. to April
Sweet William.....	Sept. to Nov., Jan. to April

Thalictrum.....	Sept. to Nov., Jan. to April
Thunbergia.....	Feb. to April
Tigridia.....	Aug. to Nov., Jan. to April
Tithonia.....	Feb. to April
Tropaeolum.....	Feb. to April

Ursinia.....Feb. to April

Valerian.....	Sept. to Nov., Feb. to April
Verbasum.....	Sept. to Nov., Feb. to April
Verbena.....	Aug. to Nov., Feb. to April
Viola.....	Sept. to Nov., Feb. to April
Virginia Stocks.....	Feb. to April
Viscaria.....	Sept. to Nov., Feb. to April

Wallflower.....	Sept. to Nov., Feb. to April
Wild Flower Garden.....	Sept. to May

Zinnia.....Feb. to June



Planting Table for Vegetables

Quantity of seed, or number of plants required to produce a given number of plants, or sow a certain quantity of ground, with distances to plant, depth of planting, times for planting and period required for production of crop.

This table is for plants. If you use seed, drop two or three seeds where you would use one plant, then thin out later if necessary.

Note—Roots, Plants or Seeds should be covered with soil to the depth indicated.

Kind of Vegetable	Quantity of Seed Required to Produce a Given Number of Plants or Sow a Certain Quantity of Ground	Distance Apart for Plants to Stand			Depth of Planting (Note—See below)	When to Plant	Ready for Use After Planting
		Rws. Apt. Horse Cultiv'tn	Rws. Apt. Hand Cultiv'tn	Plants Apart in Rows			
Artichoke, Globe	1 oz. to 500 plants	4 to 6 ft.	3 to 4 ft.	2 to 3 ft.	1 to 2 in.	January to May	Seed 15 months Plants 6 to 8 mos.
Artichoke, Jerusalem	2 qts. tubers to 100 ft. of row	2 to 4 ft.	1 to 2 ft.	1 to 2 ft.	2 to 3 in.	February to May	6 to 8 mos.
Asparagus, Seed	1 oz. to 60 ft. of drill	2 to 3 ft.	1 to 2 ft.	3 to 5 ft.	1 to 2 in.	February to May	3 to 4 yrs.
Asparagus, Plant	50 plants to 100 ft. of row	2 to 5 ft.	2 to 3 ft.	2 to 3 ft.	3 to 5 in.	February to May	1 to 2 yrs.
Beans, Bush	1 lb. to 50 ft. of drill	30 to 36 in.	18 to 24 in.	12 to 18 in.	1/2 to 2 in.	March to August	40 to 65 days
Beans, Pole	1 lb. to 75 hills	3 to 4 ft.	3 to 4 ft.	2 to 3 ft.	1 to 2 in.	March to August	50 to 80 days
Beets, Table	1 oz. to 50 ft.	30 to 40 in.	18 to 24 in.	6 to 12 in.	1 to 2 in.	All year round	60 to 80 days
Beets, Swiss Chard or Sea Kale	1 oz. to 50 ft. of drill	30 to 40 in.	18 to 24 in.	6 to 12 in.	1 to 2 in.	All year round	60 to 80 days
Broccoli	1 oz. to 2,000 plants	3 to 4 ft.	30 to 36 in.	24 to 36 in.	1/2 in.	January to May	100 to 130 days
Brussels Sprouts	1 oz. to 2,000 plants	3 to 4 ft.	30 to 36 in.	24 to 36 in.	1/2 in.	Jan. to Apr., July to Oct.	90 to 120 days
Cabbage, Early	1 oz. to 2,500 plants	3 to 4 ft.	30 to 36 in.	24 to 36 in.	1/2 in.	Jan. to Apr., July to Oct.	90 to 130 days
Cabbage, Late	1 oz. to 2,500 plants	3 to 4 ft.	30 to 36 in.	24 to 36 in.	1/2 in.	Jan. to Apr., July to Oct.	90 to 130 days
Carrot	1 oz. to 200 ft. of drill	30 to 40 in.	18 to 24 in.	3 to 6 in.	1/2 in.	All year round	75 to 110 days
Cauliflower	1 oz. to 2,500 plants	3 to 4 ft.	30 to 36 in.	24 to 36 in.	1/2 in.	July to January	100 to 130 days
Celeriac	1 oz. to 4,000 plants	30 to 40 in.	18 to 24 in.	6 to 12 in.	1/2 in.	February to May	100 to 150 days
Celery	1 oz. to 4,000 plants	3 to 4 ft.	18 to 36 in.	18 to 24 in.	1/2 in.	Feb. to May, Sept. to Oct.	120 to 150 days
Chervil	1 oz. to 100 ft. of row	30 to 40 in.	18 to 36 in.	3 to 6 in.	1/2 in.	February to May	5 to 6 mos.
Chicory Root, Seed	1 oz. to 100 ft. of drill	30 to 40 in.	18 to 24 in.	3 to 6 in.	1/2 in.	February to May	5 to 6 mos.
Citron	1 oz. to 30 hills	8 to 10 ft.	6 to 8 ft.	6 to 8 ft.	1 to 2 in.	March to June	100 to 130 days
Collards	1 oz. to 2,500 plants	3 to 4 ft.	30 to 36 in.	24 to 36 in.	1/2 in.	Sept. to Oct., Feb. to May	90 to 120 days
Corn, Salad	1 oz. to 100 ft. of row	30 to 40 in.	18 to 24 in.	4 to 8 in.	1/2 to 1 in.	Mar. to May, Aug. to Oct.	60 to 90 days
Corn, Sweet	1 lb. to 150 hills	36 to 42 in.	30 to 36 in.	30 to 36 in.	1 to 2 in.	March to July	60 to 100 days
Cress	1 oz. to 100 ft. of drill	30 to 40 in.	18 to 24 in.	4 to 8 in.	1/2 to 1 in.	February to April	50 to 60 days
Cress, Water	Sow broadcast around springs	or on bank of running water			surface	February to April	60 to 70 days
Cucumber	1 oz. to 75 hills	8 to 10 ft.	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	March to June	60 to 80 days
Dandelion	1/2 oz. to 100 ft. of row	30 to 40 in.	18 to 24 in.	4 to 8 in.	1/2 in.	March to August	3 to 6 mos.
Egg Plant	1 oz. to 1,500 plants	30 to 40 in.	24 to 30 in.	18 to 24 in.	1/2 to 1 in.	February to April	100 to 140 days
Endive	1 oz. to 200 ft. of drill or 3,000 plants	30 to 36 in.	18 to 24 in.	8 to 12 in.	1/2 to 1 in.	March to October	90 to 180 days
Horse Radish	100 roots to 100 ft. of row	30 to 40 in.	24 to 30 in.	12 in.	3 to 4 in.	January to May	9 to 12 mos.
Kale or Borecole, Dwarf	1 oz. to 2,000 plants	30 to 36 in.	24 to 30 in.	18 to 24 in.	1/2 in.	Jan. to Apr., July to Oct.	90 to 120 days
Kale or Borecole, Tall	1 oz. to 2,000 plants	36 to 48 in.		30 to 36 in.	1/2 in.	Jan. to Apr., July to Oct.	90 to 120 days
Kohl Rabi	1 oz. to 2,000 plants	30 to 36 in.	18 to 24 in.	4 to 8 in.	1/2 in.	Feb. to June, Sept. to Oct.	60 to 80 days
Leek	1 oz. to 200 ft. of drill	30 to 36 in.	14 to 20 in.	4 to 6 in.	1/2 to 1 in.	February to April	120 to 180 days
Lettuce	1 oz. to 3,000 plants	8 to 12 ft.	18 to 24 in.	6 to 12 in.	1/2 in.	All year round	60 to 90 days
Melon, Muskmelon	1 oz. to 75 hills	8 to 12 ft.	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	March to June	120 to 150 days
Melon, Watermelon	1 oz. to 30 hills	8 to 12 ft.	8 to 12 ft.	8 ft.	1 to 2 in.	March to June	100 to 120 days
Mustard	1 oz. to 50 ft. of row	30 to 36 in.	18 to 24 in.	2 to 3 ft.	1/4 in.	February to May	60 to 90 days
Okra or Gumbo	1 oz. to 50 ft. of drill	3 to 4 ft.	2 to 3 ft.	24 to 30 in.	1 to 2 in.	March to June	90 to 140 days
Onion Seed	1 oz. to 150 ft. of drill	30 to 36 in.	20 to 24 in.	4 to 6 in.	1/2 to 1 in.	November to May	4 to 8 mos.
Onion, Sets	1 lb. to 30 ft. of drill	30 to 36 in.	20 to 24 in.	2 to 4 in.	1 to 2 in.	November to May	30 to 60 days
Parsley	1 oz. to 200 ft. of drill	30 to 36 in.	18 to 24 in.	3 to 6 in.	1/4 in.	All year round	90 to 120 days
Parsnip	1 oz. to 200 ft. of drill	30 to 40 in.	18 to 24 in.	3 to 6 in.	1/2 to 1 in.	July to Oct., Jan. to May	125 to 160 days
Peas	1 lb. to 200 ft. of drill	3 to 4 ft.	30 to 36 in.	4 to 6 in.	1 to 2 in.	All year round	40 to 80 days
Pepper	1 oz. to 1,500 plants	30 to 36 in.	18 to 24 in.	15 to 18 in.	1/2 in.	February to May	100 to 140 days
Potato	5 lbs. to 100 ft. of row or 600 lbs. to acre	30 to 36 in.	24 to 36 in.	12 to 16 in.	4 in.	February to May	80 to 140 days
Potato, Sweet	3 lbs. or 75 slips to 100 ft. row	4 to 6 ft.	3 to 5 ft.	14 ft.	3 in.	February to May	140 to 160 days
Pumpkin	1 oz. to 40 hills	8 to 12 ft.	8 to 12 ft.	8 ft.	1 to 2 in.	March to June	100 to 140 days
Radish	1 oz. to 100 ft. of drill	24 to 36 in.	12 to 18 in.	2 to 3 in.	1/2 to 1 in.	All year round	30 to 60 days
Rhubarb, Seed	1/2 oz. to 100 ft. of row	36 to 40 in.	30 to 36 in.	6 to 8 in.	1/2 to 1 in.	February to May	12 to 18 mos. Crimson Winter others 2 to 3 yrs.
Rhubarb, Roots	33 roots to 100 ft. of row	4 to 5 ft.	3 to 5 ft.	3 ft.	4 in.	January to April	6 to 12 mos.
Rutabaga	1/4 oz. to 100 ft. of row	30 to 40 in.	18 to 24 in.	4 to 6 in.	1/2 to 1 in.	All year round	60 to 90 days
Sage	1 oz. to 200 ft. of drill	30 to 40 in.	18 to 24 in.	3 to 6 in.	1/2 in.	February to May	4 to 6 mos.
Salsify	1 oz. to 60 ft. of drill	30 to 36 in.	18 to 24 in.	2 to 4 in.	1/2 to 1 in.	February to May	20 to 180 days
Spinach	1 oz. to 100 ft. of drill	30 to 36 in.	12 to 18 in.	4 to 6 in.	1 to 2 in.	August to June	60 to 90 days
Squash, Early	1 oz. to 50 hills	4 to 6 ft.	3 to 4 ft.	3 to 4 ft.	1 to 2 in.	March to June	60 to 80 days
Squash, Late	1 oz. to 15 hills	6 to 7 ft.	6 to 7 ft.	3 to 4 ft.	1 to 2 in.	March to June	120 to 160 days
Thyme	1 oz. to 200 ft. of drill	30 to 40 in.	18 to 24 in.	3 to 6 in.	1/2 in.	February to May	4 to 6 mos.
Tobacco	1 oz. to 10,000 plants	36 to 42 in.	30 to 36 in.	30 to 36 in.	1/2 in.	February to April	5 to 7 mos.
Tomato	1 oz. to 4,000 plants	4 to 6 ft.	3 to 4 ft.	3 to 4 ft.	1/2 to 1 in.	February to May	4 to 6 mos.
Vegetable Marrow	1 oz. to 250 ft. of drill	30 to 40 in.	18 to 24 in.	4 to 6 in.	1/4 to 1/2 in.	All year round	60 to 80 days
Turnip	1 oz. to 40 hills	8 to 12 ft.	8 to 12 ft.	8 to 9 ft.	1 to 2 in.	April to June	110 to 140 days

GERMINATION OF SEEDS

The number of days as first indicated apply to seeds planted in hot beds or protected places.

Asparagus	About one month
Beans	8 to 10 days
Beets	6 to 10 days
Broccoli	5 to 10 days
Brussels Sprouts	5 to 10 days
Cabbage	5 to 10 days
Carrots	10 to 14 days
Cauliflower	5 to 10 days
Celery	10 to 14 days
Chicory	6 to 8 days
Corn	10 to 14 days
Corn Salad	8 to 10 days
Cress	8 to 15 days
Cucumber	6 to 12 days
Egg Plants	10 to 14 days
Kale	5 to 8 days
Kohl Rabi	5 to 8 days
Leek	8 to 10 days
Lettuce	5 to 8 days
Mushroom Spawn	Write for Circular
Muskmelon	6 to 12 days
Mustard	5 to 10 days

Okra	8 to 14 days
Onion	8 to 10 days
Parsley	13 to 16 days
Parsnip	8 to 14 days
Peas	8 to 14 days
Pepper	10 to 14 days
Pop Corn	10 to 14 days
Potato	6 to 10 days
Pumpkin	6 to 12 days
Radish	4 to 7 days
Rhubarb	8 to 16 days
Rutabaga	5 to 10 days
Salsify	8 to 14 days
Spinach	5 to 9 days
Squash	6 to 12 days
Swiss Chard	6 to 10 days
Tobacco	8 to 14 days
Tomato	6 to 12 days
Turnip	5 to 9 days
Water Cress	8 to 14 days
Watermelon	6 to 12 days

GERMINATION OF FARM SEEDS

Alfalfa	5 to 10 days
Australian Salt Bush	10 to 15 days
Beets	6 to 12 days
Burr Clover	6 to 12 days
Carrots	10 to 14 days
Clover	5 to 12 days
Corn	10 to 14 days
Grass	10 to 15 days
Kale, Tall Jersey	5 to 10 days
Mangels, Beets	6 to 12 days
Peas	8 to 14 days
Rape	5 to 10 days
Rye Grass	10 to 15 days
Spring Vetches	10 to 14 days
Squash	7 to 12 days
Sugar Cane	10 to 14 days
Sunflower	8 to 14 days
Timothy Grass	10 to 15 days
Turnip	5 to 9 days

Quantity of Seeds to Sow to an Acre

	Pounds		Pounds		Pounds
Alfalfa or Lucerne.....	20 to 30	Grass, Hungarian	25 to 30	Onion, Black Seed, for bottom	
Barley—Broadcast	125 to 130	Grass, Mixed Lawn	60 to 65	sets	50 to 60
Beans—Dwarf or Bush—Hills.....	40	Grass, Millet for pasture	25 to 30	Onion, Top Sets—Drills.....	250
Beans, Dwarf or Bush—Drills.....	60	Grass, Millet for seed.....	15	Parsnips—Drills	5 to 6
Beans, Tall or Pole—Hills.....	25	Grass, Orchard	40	Peas—Broadcast	200
Beet, Garden—Drills	5	Grass, Mixture for		Peas, Garden—Drills	100
Beet, Field—Drills	8 to 10	mowing or } Clover	8	Potatoes—Hills	500
Broom Corn—Drills	12	grazing } Timothy, Red Top.....	15	Pumpkins—Hills	5 to 6
Burr Clover—Broadcast	25	Grass, Red Top	30	Radish—Drills	8 to 10
Cabbage, in beds, to cover an acre		Grass, Sainfoin	40 to 50	Rhubarb	4 to 5
after transplanting	1/4	Grass, Timothy	20	Rye—Broadcast	100
Carrot—Drills	3	Grass, English or Australian Rye		Sage—Drills	8
Clover—Alsike—Broadcast	6 to 8	for meadow	50	Spinach—Drills	10
Clove, Red—Broadcast	12 to 15	Grass, English or Australian Rye		Squash—Bush Varieties—Hills	4
Clover, White—Broadcast	8 to 10	for lawns	75 to 100	Squash—Running Varieties—Hills	3
Corn, Sweet or Field—Hills.....	20	Hemp—Broadcast	40 to 50	Sugar Cane	4 to 5
Corn, to cut green, for fodder—Drills		Kale	2	Tomato—In Beds, to transplant.....	1/2 to 1/4
or broadcast	125	Lettuce	4	Turnip and Rutabaga—Drills.....	3 to 4
Cucumber—Hills	3	Melilotus—Broadcast	20	Turnip and Rutabaga—Broadcast	3
Grass, Kentucky Blue (for pasture)		Melon, Water—Hills	3 to 4	Vetches	40
Grass, Kentucky Blue (for lawns)		Melon, Musk—Hills	2 to 2 1/2	Wheat—Broadcast	80 to 100
Grass, Mesquite in the chaff.....	25 to 30	Oats—Broadcast	80 to 90	Wheat—Drills	70 to 80

Number of Plants in Row of 209 Feet		Number of Plants to an Acre		Number of Rows 209 Feet Long in an Acre	
	Plants	Dist. apart each way	No. Plants to an acre		Rows
1 inch apart.....	2,508	1/2 foot.....	174,240	1 ft. apart.....	209
2 " "	1,254	1 " "	43,560	1 1/2 " "	139
3 " "	836	1 1/2 " "	19,363	2 " "	104
4 " "	627	2 " "	10,890	2 1/2 " "	83
5 " "	501	2 1/2 " "	6,969	3 " "	69
6 " "	418	3 " "	4,840	3 1/2 " "	59
7 " "	344	4 " "	2,722	4 " "	52
8 " "	313	5 " "	1,742	4 1/2 " "	46
9 " "	278	6 " "	1,210	5 " "	42
10 " "	250	7 " "	889		
11 " "	228	10 " "	435		
12 " "	209	11 " "	360		
		12 " "	302		
		15 " "	193		
		18 " "	134		
		20 " "	108		
		25 " "	69		
		30 " "	49		

Each row 209 ft. long. One acre approximately 209 feet square.

There are 43,500 square feet to an acre.

English and Foreign Names of Vegetables

We can answer correspondence in German, French, Italian, Spanish and Portuguese languages.

English	Spanish	Italian	French	German
Artichoke.....	Alcachofa.....	Articiocca.....	Artichaut.....	Artischoke
Asparagus.....	Esparrago.....	Sparagio.....	Sparagio.....	Spargel
Beans, Dwarf.....	Frijole nano.....	Fagiolo nani.....	Haricot Nains.....	Krupp-Bohnen
Beans, Pole.....	Habichuelas enridaderas.....	Fagiolo rampicanti.....	Haricot a Rames.....	Stangen-Bohnen
Beet.....	Demolacha.....	Barbabietola.....	Betterave.....	Salatruben
Broccoli.....	Broccoli.....	Brocoli.....	Chou Brocoli.....	Spargelkohl
Brussels Sprouts.....	Beraz de Brusels.....	Calovo di Brusselles.....	Chou de Bruxelles.....	Rosenkahl
Cabbage.....	Col repollo.....	Cavolo Cappuccio.....	Chou pomme.....	Kopfkohl, Kraut
Cabbage Savoy.....	Col de Milan.....	Cavolo di Milano.....	Chou de Milan.....	Wirsing
Carrots.....	Zanahoria.....	Carota.....	Carotte.....	Carotten, Mohren
Cauliflower.....	Coliflor.....	Cavolfiore.....	Chou-fleur.....	Blumenkohl
Celery.....	Apio.....	Sedano.....	Celeri.....	Sellerie
Celeriac.....	Apio-nabo.....	Sedano rapa.....	Celem-rave.....	Knoll-Sellerie
Chevril.....	Perifollo.....	Cerfoglio.....	Cerfeuil.....	Kerbel
Chicory.....	Achicoria.....	Cicorio selvatica.....	Chicores sauvage.....	Cichorienwurzel
Collards.....	Cabu.....		Chou cabu.....	Blatterkohl
Corn Salad.....	Canonigos (macha valeraissilla)	Valeriana.....	Mache.....	Feldsalat
Corn.....	Maiz.....	Grand Turco.....	Mais.....	Mais
Cress.....	Mastuerzo.....	Agretto.....	Cresson alenois.....	Garten-Kresse
Cress, Water.....	Berro.....	Nasturzio acquatico.....	Cresson de fontaine.....	Brunnenkresse
Cucumber.....	Pepino.....	Cetriolo.....	Coucombre.....	Gurken
Dandelion.....	Diente de leon (Amaragon)	Dente di leone.....	Pissenlit.....	Lowenzahn
Egg Plant.....	Berengena.....	Indiva.....	Aubergine.....	Eierpfanze
Endive.....	Endiva.....	Cavalo verde.....	Chicoree Endive.....	Endivien
Kale.....	Breton Col.....	Cavalo rapa.....	Chou-frise.....	Blatterkohl
Kohl Rabi.....	Colinabo.....	Porro.....	Chou-rave.....	Kohlrabi
Leek.....	Puerro.....	Lattuga.....	Poireau.....	Poree, Lauch
Lettuce.....	Lechuga.....	Melinciano.....	Laitue.....	Lattich, Kopsalat
Melon, Musk.....	Muscate.....	Melone.....	Melon muscade.....	Melone
Melon, Water.....	Zandia.....	Melon d'acqua.....	Melon D'Eau.....	Wasser-Melone
Mushroom.....	Seta.....	Fungo pratajolo.....	Champignon.....	Champignonbrut
Mustard.....	Mostaza.....	Mostarda.....	Moutarde.....	Senf
Nasturtium.....	Capuchina.....	Nasturzio.....	Capucine.....	Kapucnier-Kresse
Okra.....	Quimbombo.....	Ocra.....	Gombaud.....	Ocher
Onion.....	Cebolla.....	Cipollo.....	Ognon.....	Zwiebel
Parsley.....	Perejil.....	Prezzemolo.....	Persil.....	Petersilie
Parsnip.....	Chiriviva.....	Pastinaca.....	Panais.....	Pastinake
Peas.....	Chicaroso Guisantes.....	Pisello.....	Pois.....	Erbsen
Pepper.....	Pimiento.....	Peperone.....	Piment.....	Pfeffer
Pumpkin.....	Calabaza Totanera.....	Zucca.....	Potiron.....	Kurbiss
Radish.....	Rabanito.....	Ravanello.....	Radis.....	Radies
Rhubarb.....	Ruibarbo.....	Rabarbaro.....	Rhubarbe.....	Rhabarber
Salsify.....	Salsifi blanco.....	Sassefrica.....	Salsifis blanc.....	Haferwurzel
Spinach.....	Espinica.....	Spinace.....	Epinard.....	Spinat
Squash.....	Calabaza.....	Zucca.....	Courge.....	Kulchen-Kurbiss
Tomato.....	Tomate.....	Pomo d'ore.....	Pomme d'Amour.....	Liebesapfel Tomat
Turnip.....	Nabo.....	Navone.....	Navet.....	Weisse-Rnbe

GENERAL INDEX

BULBS (Spring and Summer Flowering)

Agapanthus	11	Ixia	12
Alstroemeria	11	Jonquil	6
Amaryllis	11	Lilies	9
Anemone	11	Lilies, Calla	9
Bleeding Heart	11	Lilies, Easter	9
Begonia (Tuberous Rooted)	11	Lily of Valley	9
Bulb Culture	13	Monthretia	12
Canna	11	Narcissus	6
Crocus	11	Peat	13
Cyclamen	12	Peony	12
Daffodils	6	Ranunculus	12
Freesias	12	Scilla	7
Gladiolus	10	Snowdrops	12
Gladiolus, Baby	10	Sparaxis	12
Grape Hyacinth	7	Star of Bethlehem	12
Hyacinth	7	Tritonia	12
Hyacinth Glasses	7	Tulips	4, 5
Iris	8	Watsonia	12
		Wood Hyacinth	7

FLOWER SEEDS (Annual and Perennial)

Abronia	33	Didiscus	38	Monkey Flower	43
Abutilon	33	Digitalis	39	Moonflower	41
Achillea	33	Dimorphotheca	39	Morning Glory	41, 43
Acroclinium	33	Dolichos	39	Moss Rose	46
African Daisy	39	Dusty Miller	37	Musk Plant	43
African Lilac Daisy	34	Echium	39	Myosotis	39
African Violet	32	English Daisy	38	Nasturtium	32, 44
Agatheae Coelestis	33	Eschscholtzia	32, 39	Nemesia	44
Ageratum Mexicanum	33, 32	Euphorbia	39	Nemophila Insignis	44
Agrostemma	33	Evening Glory	41	Nicotiana	44
Alum Root	41	Evening Primrose	44	Nigella Damascena	44
Alyssum	33	Evening Scented Stock	43	Oenothera Lamarckiana	44
Alyssum Saxatile		Everlasting Flowers:		Orange Sunflower	41
Compactum	33	Acroclinium	33	Painted Daisy	46
Amaranthus	34	Helichrysum	41	Painted Tongue	46
Ampelopsis	34	Rhodanthe	46	Pansy	32, 44
Anchusa	32, 34	Statice	50	Passiflora	45
Anemone Coronaria	34	Everlasting Sweet Pea	42	Passion Flower	45
Antirrhinum	47	False Dragon Head	45	Pentstemon	45
Aquilegia	37	Felicia Amelloides	33	Petunia	45
Arctotis	34	Felicia Bergeriana	32	Phacelia Campanularia	45
Armeria	34	Feverfew	46	Phlox Drummondii	45
Asparagus Fern	34	Flag of Spain	41	Phlox Decussata	45
Asters	32, 34	Flax	43	Phylis Franchetti	45
Aubretia	34	Floss Flower	33	Physostegia Virginica	45
Australian Pea Vine	39	Flowering Maple	33	Pin Cushion	47
Baby Blue Eyes	44	Flowering Sage	46	Pinks	38
Baby's Breath	40	Flowering Tobacco	44	Poor Man's Orchid	50
Bachelor Button	37	Forget-Me-Not	39	Poppy	45
Balsam	35	Foxglove	39	Portulaca	46
Balsam Apple	43	French Forget-Me-Not	51	Primrose, Polyanthus	46
Beard Tongue	45	Caillardia	50	Primula	46
Begonia	35	Garden Heliotrope	50	Pyrethrum	46
Bellflower	35	Geranium	32	Quamoclit	41
Bellis Perennis	38	Gerbera	40	Ranunculus Asiaticus	46
Black-Eyed Susan	50	Geum	40	Regal Lily, The	42
Blanket Flower	40	Gilia	40	Rehmannia Angulata	46
Blue Bonnet	47	Gilliflower	47	Reseda	43
Blue Lace Flower	38	Globe Flower	32	Rhodanthe	46
Blue Poppy of Tibet	43	Gloxinia	40	Ricinus	36
Boston Ivy	34	Godetia	40	Rose of Heaven	33, 51
Buttercup	46	Gold Dust	33	Saintpaulia Ionantha	32
Butterfly Flower	50	Golden Feather	46	Salpiglossis	46
Calceolaria	35	Gourds	40	Salvia	46
Calendula	32, 35	Gypsophila	40	Sand Verbena	33
California Blue Bell	45	Heartsease	44	Santa Barbara Poppy	41
California Native Flowers		Helianthus	41	Satin Flower	40
Mixed	35	Helichrysum	41	Scabiosa	47
California Poppy	39	Heliopsis	41	Scarlet Runner Bean	16
Calliopsis	35	Heliotrope	41	Schizanthus	50
Campanula	35	Heuchera	41	Sea Dahlia	42
Canary Bird Vine	50	Hop Vine	41	Sea Lavender	50
Candytuft	36	Hollyhock	41	Sea Pink	34
Canna	36	Humulus Japonicus	41	Shasta Daisy	37
Canterbury Bells	36	Hunemannia	41	Siberian Wall Flower	37
Cardinal Climber	41	Hyacinth Bean	39	Snapdragon	47
Carnation	36	Iberis	36	Snapdragon, Perennial	42
Castor Bean	36	Incarvillea Variabilis		Snow on the Mountain	39
Cathedral Bells	37	Hybrids	41	Statice	50
Celosia	37	Indian Shot	36	Stocks, Double	47
Centaurea	37	Ipomea	32, 41	Stoke's Aster	50
Centaurea Candidissima	37	Jack-and-the-Bean-Stalk	42	Stokesia Cyanea	50
Cheiranthus	37	Japanese Hop	41	Sunflower	41
Chelone Barbatus	45	Joseph's Coat	34	Sun Plant	46
Chiffon Daisy	37	Kenilworth Ivy	42	Sweet Peas	48, 49
Chinese Bell Flower	33	Kochia Trichophylla		Sweet Sultan	36
Chinese Forget-Me-Not	37	Childsii	42	Sweet William	50
Chinese Lantern Plant	45	Kudzu Vine	42	Sweet Wivelsfield	38
Chinese Wool Flower	36	Lady's Slipper	35	Tagetes, Signata Pumila	43
Chrysanthemum	36	Lantana	42	Thalictrum Dipterio-	
Chrysanthemum Leucan-		Larkspur	42	carpum	50
themum Maximum	37	Larkspur, Perennial	38	Thunbergia	50
Cineraria	36	Lathyrus Latifolius	42	Tickseed	35
Clarkia Elegans	37	Lavatera	42	Tigridia Pavonia	50
Cockscomb	36	Lavender	42	Tithonia	50
Cohea Scandens	37	Leptosyne Maritima		Toad Flax	42
Coleus	37	Grandiflora	42	Tower of Jewels	39
Columbine	37	Lilium Regale	42	Transvaal Daisy	40
Convolvulus	43	Linaria Cymbalaria	42	Trollius Ledebouri	32
Coral Bells	41	Linaria Moroccana	42	Tropaeolum	44
Coreopsis	37	Linum	43	Tropaeolum Canariensis	50
Cornflower	37	Lobelia	43	Tufted Pansy	51
Cornflower Aster	50	Love-in-a-Mist	44	Ursinia Anethoides	50
Cosmos	37	Love-Lies-Bleeding	34	Valerian	50
Cynoglossum Amabile	37	Lupin	42	Velvet Flower	46
Cypress, Summer	42	Lychnis Arkwrightii	43	Venidium Fastuosum	51
Cypress Vine	41	Lythrum Roseum		Verbasicum Phoenician	
Dahlia	38	Superbum	43	Hybrids	51
Daisy	38	Mad Wart	33	Verbena Hybrida	50
Daisy, African Lilac	34	Mallow	42	Vervain	50
Daisy, African Orange	39	Marigolds	32, 43	Viola	32, 51
Daisy, Blue Border	33	Matthiola Bicornis	43	Virginia Creeper	34
Daisy, Chiffon	37	Meadow Rue	50	Virginia Stocks	51
Daisy, Kingfisher	39	Meconopsis Baileyii	43	Viscaria Oculata	51
Daisy, Michaelmas	34	Mexican Fire Bush	42	Wallflower	51
Daisy, Painted	46	Mexican Sunflower	50	Wild Garden Seed	
Daisy, Shasta	37	Mexican Tulip Poppy	51	Mixture	51
Daisy, South African		Mexican Shell Flower	40	Wild Garden Cut	
Novelties	50	Mignonette	43	Flower Mixture	51
Daisy, Turfing	46	Mimulus	43	Windflower	34
Delphinium	38	Mina Lobata	41	Yarrow	33
Dianthus	36, 38	Momordica Balsamina	43	Zinnia	51

VEGETABLE SEEDS and PLANTS

Artichokes	15	Lettuce	22
Asparagus	15	Melons	23
Beans	16, 17	Mint Roots	25
Beets	17	Mushroom Spawn	25
Broccoli	15	Muskmelons	23
Brussels Sprouts	17	Mustard	25
Cabbage	18	Okra	25
Cantaloupes	23	Onions	24
Cardoon	17	Parsley	25
Casabas	23	Parsnips	25
Carrots	19	Peas	26
Cauliflower	18	Peppers	26
Chard	17	Popcorn	20
Celery	19	Pumpkins	28
Chicory	20	Radishes	27
Chives	25	Rhubarb	27
Collards	18	Rutahagas	27
Corn	20	Sage Plants	25
Corn Salad	20	Salisfy	27
Cucumbers	21	Seasoning Plants	25
Dandelion	20	Spinach	27
Egg Plant	21	Squash	28
Endive	20	Sweet Potato	27
Garlic Sets	21	Tamale Corn	20
Ground Cherry	29	Tarragon	25
Gumbo	25	Thyme	25
Horseradish Sets	25	Tomatoes	29
Kale	21	Turnips	27
Kohl Rabi	21	Watermelons	23
Leek	22	Wong Bok	18
		Witloof	20

GRASS and FARM SEEDS

A-1 Special Mixture	30	Melilotus	31
Acacia	31	Millet	31
Alfalfa	31	Monterey Cypress	31
Anise	31	Monterey Pine	31
Basil	31	Navlet's Emerald Green	
Bent, Rhode Island	30	Mixture	30
Bent, Seaside	30	Panama-Pacific Lawn	
Bent, Golf-A-Lawn	30	Grass	30
Bermuda Grass	31	Pepper	31
Blue Grass, Kentucky	30	Phoenix Canariensis	31
Borage	31	Rape	31
California Fan	31	Red Top	30
California Privet	31	Rosemary	31
Caraway	31	Rough Stalked Meadow	30
Catnip or Catmint	31	Rye, Australian	30
Chervil	31	Rye, Pacey's Pacific	30
Chewing Fescue	30	Rue	31
Chives	31	Sage	31
Clover	31	San Jose High School	
Corlander	31	Lawn Mixture	30
Cow Peas	31	Sequoia Gigantea	31
Date Palm	31	Sequoia Sempervirens	31
Dill	31	Sesbania	31
Edulis	31	Shady Lawn Grass	30
Eucalyptus	31	Sudan Grass	31
Fennel	31	Sugar Cane	31
Golden Gate Mixture	30	Summer Savory	31
Horse Beans	31	Sunflower	31
Kaffir Corn	31	Tares or Vetches	31
Lippia	30	Timothy	31
Lawn Mixtures	30	Vetch	31
Madrone	31	Washingtonia Robusta	31
Manzanita	31	White Clover	30
Marjoram	31	Wild Cherry	31

FLOWERING PLANTS, ROSES, VINES, FERNS, BERRIES

Acanthus Mollis 62	Cineraria 67	Golden Feather 65	Marigold 67	Scabiosa 67
Achillea 62	Clematis Paniculata 61	Golden Glow 64	Matilija Poppy 65	Scabiosa Caucasica 66
African Lilae Daisy 67	Climbing Fig 61	Golden Rod 64	Meadow Rue 66	Scarlet Sage 65
Agapanthus 62	Coba Scandens 61	Gooseberries 76	Medeola Asparagoides 61	Sea Pink 62
Agathe Coelestis 62	Columbine 62	Grape Vines 76	Mesembryanthemum 65	Shasta Daisy 66
Aloe Brevefolia 62	Coral Bells 64	Gypsophila 64	Mesembryanthemum Lehmanni Inside Back Cover	Smilax 61
..... Inside Back Cover	Coreopsis 63	Hawortbia Inside Back Cover	Mesembryanthemum Lin-gueaforme Inside Back Cover	Snailflower 61
Alyssum 62	Cosmos 67	Hedera 61	Moonflower 61	Snapdragon 66
Ampelopsis 61	Cotyledon Orbiculata 61	Helenium 64	Mourning Bride 67	Solidago 64
Anchusa 62	..... Inside Back Cover	Helianthus 64	Muchlenbeckia Complexa 61	Sollya 61
Anemone 62	Cotyledon Orbiculata Variegated Inside Back Cover	Heliotrope 64	Oenothera 65	Spanish Bayonet 67
Antirrhinum 66	Crassula Arborescens 61	Heuchera Sanguinea 64	Orange Trees 76	Static 66
Aquilegia 62	..... Inside Back Cover	Honeysuckle 61	Oriental Poppy 65	Stock 67
Arctotis 67	Crassula Cordata 61	Hop Vine 61	Pansies 67	Stokesia 66
Armeria Maritima 62	..... Inside Back Cover	Hollyhock Roots 64	Passiflora 61	Stoke's Aster 66
Asclepia 62	Currants 76	Hummulus Lupulus 61	Passion Vine 61	Strawberries 76
Asparagus Plumosus 62	Dablias 58, 59	Ice Plant 65	Pentstemon 65	Sunflower 64
..... Inside Back Cover	Daisy 63	Ipomea 61	Petunias 67	Sweet William 66
Asparagus Sprengerii 62	Delphinium 63	Ivy 61	Phaseolus Caracalla 61	Tecoma Radicans 61
..... Inside Back Cover	Dewberries 76	Japanese Virgin Flower 61	Phlox 65	Thalictrum 66
Aspidestra 62	Digitalis 63	Jasmine 61	Physostegia 65	Thyme 66
Asters 67	Dolichobos Lignosus 61	Kalanchoe Flammea 61	Plumbago 61	Trachelium 66
Astilbe 62	Dusty Miller 63	..... Inside Back Cover	Polyanthus 65	Transvaal Daisy 66
Australian Blue Bell 61	English Daisy 67	Kudzu Vine 61	Pomelos Trees 76	Tritoma 66
Australian Pea Vine 61	Evening Primrose 65	Lace Fern Inside Back Cover	Pyrethrum 65	Trumpet Vine 61
Begonia Vernon 62	Feverfew 65	Lantana 64	Raspberries 76	Tufted Pansy 67
Bignonia Tweediana 61	Ficus Repens 61	Lavender 64	Red Hot Poker 66	Valerian 67
Blackberries 76	Five Fingered Ferns Inside Back Cover	Lemon Trees 76	Rehmannia 65	Verbenas 67
Blue Daisy 62	Flax 64	Linum 64	Riverton Gem 64	Vinca 61
Boston Fern 76	Foxglove 63	Lobelia 67	Romneya Poppy 65	Viola 67
..... Inside Back Cover	Gaillardia 63	Loganberries 76	Rudbeckia 64	Violet Plants 67
Bougainvillea 61	Gazania 64	Lonicera 61	Roses 52-56	Wallflower 67
Canterbury Bells 63	Geraniums 63	Lytbrum Roseum Superbum 64	Salpiglossis 67	Windflower 62
Carnation 60	Gerbera 66	Madeira Vine 61	Salvia 65, 67	Wisteria 61
Centaurea Candidissima 63	Geum 63	Maidenhair Vine 61	Santolina 66	Woodwardia 64
Chiffon Daisy 62	Gilliflower 67	Mandevilla 61	Saxifraga 66	Youngberries 76
Chrysanthemums 57		Marguerite 64		Yarrow 62
Citrus Trees 76		Marguerite Carnations 64		Yucca 67
				Zinnias 67

SHRUBS and ORNAMENTALS

Abelia 69	Cedrus 70	Flax 72	Lion's Tail 73	Prunus 75
Abutilon 69	Chamaecyparis 70	Flowering Maple 69	Lonicera 73	Pyracantha 74
Acacia 69	Cherry 75	Fremontia 72	Loquat 73	Quince, Flowering 75
Aralia 69	Choisya 70	Fruits, Flowering 75	Magnolia 73	Raphiolepis 75
Arbor Vitae 75	Cinnamomum 70	Fuchsia 72	Melaleuca 73	Rosemarinus 75
Arbutus 69	Coprosma 70	Genista 72	Mexican Orange 70	Rosemary 75
Aucuba 69	Corchorus 70	Gold Flower 72	Mock Orange 74	Sea Oak 70
Australian Tea Tree 73	Cornus 70	Grevillea 72	Mock Privet 74	Sesuoia 75
Barberry 69	Coronilla 70	Guava 72	Myrtle 73	Shinus 75
Beefwood 70	Cotoneaster 70	Hakea 72	Myrtus 73	Silverberrry 71
Berberis 69	Crape Myrtle 72	Heather 71	Nandina 73	Snowball 75
Bottle Brush 70	Crataegus 71	Hydrangea 72	Oleander 73	Snowberry 75
Bottle Tree 75	Cupressus 71	Hypericum 72	Palms 73	Spiraea 75
Boxwood 69	Cypress 71	Ilex 72	Pampas Grass 74	Sterculea 75
Breath of Heaven 71	Daphne 71	Japonica 69	Parkinsonia 74	St. John's Bread 70
Broom 72	Dasyliirion 71	Juniper 72	Peach, Flowering 75	Spruce 74
Buddleia 69	Deutzia 71	Kerria 70	Pepper Tree 75	Strawberry Tree 69
Burning Bush 74	Diervilla 71	Lagerstroemia 72	Philadelphus 74	Symphoricarpos 75
Butterfly Bush 69	Diosma 71	Laurel 72	Phillyrea 74	Tamarix 75
Buxus 69	Dogwood 70	Laurustinus 73	Photinia Arbutifolia 74	Taxus 75
Callistemon 70	Elaegnus 71	Lawson Cypress 70	Plum, Flowering 75	Thorn 71
Camelia 70	English Holly 72	Lemon Verbena 73	Picea 74	Thuya 75
Camphor Tree 70	Erica 71	Leonatus 73	Pinus 74	Toyon 74
Carob 70	Escallonia 71	Leptospermum 73	Pittosporum 74	Veronica 75
Casuriana Stricta 70	Eugenia 71	Librocedrus 73	Pomegranate 74	Viburnum (Laurustinus) 73
Cassia 70	Euonymus 71	Ligustrum 73	Pomegranate, Flowering 75	Virburnum (Snowball) 75
Cedar 70	Feioia 72	Lilac 73	Privet 73	Weigelia 71
				Yew 75

MISCELLANEOUS: GARDEN TOOLS, FERTILIZERS, INSECTICIDES, Etc.

Adco 84	Dibble 78	Groz-It 84	Para-dichlor 82	Soil Correctives 84
Aluminum Sulphate 84	Dog Supplies 77	Grun Sulphur Duster 81	Parrot Food 77	Soiliron 84
Ammonio Sulphate 84	Dust Sprayers 81	Hanging Baskets 79	Peat 84	Song Restorer 77
Ammo-Pbos 84	Evergreen 82	Hedge Sbears 78	Pest Control Cbart 83	Sow Bug Destroyer 82
Ant Foil 82	Farm and Garden Books 96	Hoes 78	Pet Supplies 77	Spades 78
Aquarium Supplies 77	Feed Cups 77	How to Order 2	Planet Jr. Implements 80	Spratt's Remedies 77
Arsenate of Calcium 82	Fern Dishes 79	Hose 78	Planters' Guide 85 to 93	Spray Materials 82
Arsenate of Lead 82	Fertilizers 84	Hose Couplings 78	Planting Tables 89 to 93	Sprayers 81
Arsen Deaux 82	Fertilizer Distributors 84	Hose Menders 78	Plant Bargains Inside Front Cover	Sprinklers 78, 79, 80
Asparagus Knife 78	Fish Food & Supplies 77	Hose Washers 78	..... Inside Front Cover	Stakes 79
Bamboo Canes 79	Floral Pieces 3	Hot Caps 79	Planting Squares 79	Stim-U-Plant 84
Bamboo Lawn Rake 78	Flower Boxes, Pots and Saucers 79	Insect Control 83	Plant Markers 79	Sulphate of Ammonia 84
Bird Supplies 77	Flu-Si Dust 82	Insecticides 82, 84	Potato Hooks 78	Sulphate of Potash 84
Black Leaf 40 82	Foilage 82	Jector 84	Poultry Supplies 77	Sulphur 82, 84
Bloodmeal 84	Forks (Garden) 78	K-M-G 82	Propagating Box 79	Sulphur Dusters 81
Bluestone 82	Fruit Trees, Pests and Control 83	K-R-O 84	Pruning 88	Summer Oil 82
Bonemeal 84	Fungicides 82	Labels (Wooden) 79	Pruning Compound 80	Superphosphates 84
Books 96	Garden Books 96	Lawn Mowers 78	Pruning Saw 78	Tanglefoot (Tree) 80
Bordeaux Mixture 82	Garden Guide 85 to 93	Lawn Rakes 78	Pruning Shears 78	Tobacco Dust 82
Breeding Cages 77	Garden Plows 80	Leaf Mould 84	Qua-Sul 82	Tree Protectors 80
Budding 88	Garden Rake 78	Lice Powder (Bird) 77	Raffia 79	Tree Pruner 78
Budding Knives 79	Garden Tools 78	Lime 84	Rakes 78	Tree Seal 80
Budding Tape 79	Garden Trowels 78	Lime-Sulphur 82	Rat Exterminators 84	Tree Tanglefoot 80
Calcium Sulphate 84	Garden Volck 82	Millet Bird Seed 77	Rat Scent 84	Tree Tie 80
Canary Supplies 77	Gas Ball 84	Miscible Oil 82	Rodent Destroyer 84	Tree White 80
Carbola 80	Gaviota 84	Mole Trap 84	Rose Stakes 79	Trowels 78
Cat Food & Supplies 77	Glass Cloth 79	Moss (Green) 79	Sced Bargains 14	Turf Edger 78
Cemetery Vases 3	Gopher Exterminator 84	Nests 77	Secders and Sowers 79	Vaporite 84
Chicken Leg Bands 77	Gopher Gun & Trap 84	Nicotine Dust 82	Seed Pans 79	Vimlite 79
Corn Planters 79	Grafting 88	Nicotine Spray 82	Selocide 82	Volck 82
Cultivators 80	Grafting Wax 80	Nicotine-Sulphate 82	Semesan 82	Wedding Bouquets 3
Cultivators, Hand 78	Grass Hook 78	Nicotine Sulphur Dust 82	Shears 78	Weed Destroyer 82
Cut Flowers 3	Grass Shears 78	Nitrate of Soda 84	Shovels 78	Weeders 78
Cyanogas 84		Nozzles 78	Slug Destroyer 82	Wheal Oil Soap 82
Dead Sure Rodent Destroyer 84		Oxide of Iron 84	Snail Foil 82	Wheel Hoes 80
		Paper Flower Pots 79	Soap, Whale Oil 82	Worm Eradicator 84

Helpful Garden Books

Books for your own Garden Library—Gift Books for your Gardening Friends

There are listed on this page but a few of the dependable garden books we stock. Should there be some particular gardening subject or garden book of especial interest that does not appear on this list, let us know, for we can undoubtedly supply it.

ROCK GARDENS, by F. F. Rockwell. Shows just how you can build a rock garden yourself, on a small or large scale and at little expense. Describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct, and what to plant for the effect you want. 31 illustrations, 56 pages.....\$1.00

PERENNIAL GARDENS, by H. S. Ortloff. Following the simple directions in this book insures a perennial garden. Plans showing how to locate and lay out the garden with clear directions for preparing the soils, fertilizing, planting, cultivating, transplanting and propagation. 18 illustrations, 90 pages.....\$1.25

HOW TO GROW ROSES, by Robert Pyle and others. Gives practical advice on how to use roses in the garden and around the home, how to buy them, locate the beds, prepare the ground, plant, label, care for in summer, fight pests, protect in winter, prune, and select types and varieties. 138 illustrations (45 in color), 211 pages.....\$2.00



HORTUS, by L. H. Bailey and Ethel Zoe Bailey. A concise dictionary of Gardening, General Horticulture and Cultivated Plants in North America, simplified and written in less technical language so the Amateur Gardener can use it. This volume of 652 pages replaces neither the Standard Cyclopedia of Horticulture in three volumes (\$25.00), nor the Manual of Cultivated Plants (\$7.00) by the same author, but rather supplements and brings up-to-date those standard works. It required more than 5 years of preparation, and is compiled largely from fresh and original sources.....\$10.00

THE NURSERY MANUAL, by L. H. Bailey. Contains an extended alphabetical list of plants with full indications under each one for propagation, whether by seeds, layerings, cuttings, buds, grafts, or otherwise. Gives an invaluable account of the main insects and diseases and how to control them. 240 illustrations, 456 pages\$2.50

AROUND THE YEAR IN THE GARDEN, by F. F. Rockwell. Complete information on every garden problem, outlined week by week, and written by a practical gardener. 88 illustrations, 350 pages\$2.50

ALL THROUGH THE YEAR, by Martha E. Phillips. California Garden Book devoted to each month's Garden operations; The Rock Garden; Pot Gardening; Fragrance in the Garden; Garden Soil; Planting for Blooming; Common Garden Problems, constitute a few of the Chapter Headings. 156 pages \$3.00

THE GARDENER, by L. H. Bailey. How to grow flowers, vegetables, and fruits from the time of planting through to maturity. Special articles on different types of gardening. Information that is easy to find and simple to use. 116 illustrations, 260 pages.....\$2.00

MANUAL OF GARDENING, by L. H. Bailey. You can depend on this book to supply you with complete and practical information on planting and landscaping your home grounds. Tells how to make the most of natural features; how to drain, cultivate, and fertilize the soil; how to propagate, transplant, prune, and graft the different classes of fruits, vegetables and flowers. Also lists varieties suited for different purposes. 350 illustrations, 539 pages.....\$3.00

1001 GARDEN QUESTIONS ANSWERED, by Alfred C. Hottes. A unique guide book of more than 1000 questions on growing and care of flowers, fruits, trees, shrubs, lawns, etc., covering every phase of home gardening. Each question answered thoroughly and in an easily understood manner. Well illustrated\$2.00

CALIFORNIA GARDENS, by W. S. Dobyns. Two hundred and twenty beautiful photographs illustrate the most interesting features of California's finest gardens, with text on landscape, architecture and gardening as it is practiced.....\$5.00

GARDENING IN CALIFORNIA, by Sydney B. Mitchell. Indispensable to the California Amateur Gardener. Mr. Mitchell sets forth in 309 pages, just what the Gardener wants to know about planting and planning. All phases and types of plants, vines and shrubs are discussed from a practical view. The book is well illustrated and supplemented by a monthly planting calendar. 1932 revised edition.....\$2.50

FROM A SUNSET GARDEN, by Sydney B. Mitchell. This new book will be off the Press about Nov. 1, 1932. In it you will find a one-year plan, a ten-year plan, armchair gardening, all about banks and slopes, perennials, flowering bulbs, rock plants, annuals for the lazy gardener, illustrated with photographs of Dr. Mitchell's own garden. A valuable and experienced guide for all amateur gardeners.....\$3.00

LANDSCAPING THE HOME GROUNDS, by L. W. Ramsey. Step by step, with photographs and plans that make each point clear, this new book shows just how to develop your home grounds for greatest beauty. Each of the 175 illustrations tells a story or teaches an important lesson at a glance. 175 illustrations, 170 pages.....\$2.00

ANNUALS IN THE GARDEN, by H. S. Ortloff. A new book containing practical, complete and trustworthy information on the most effective uses of annuals. Every detail is taken care of. 17 valuable garden plans with lists. 88 pages.....\$1.25

SHRUBS—By F. F. Rockwell. Brief but complete information on the best ways to improve the beauty and value of your home with shrubs. Tells what to select for different combinations and effects, and how to plant, water, mulch, prune, and care for shrubs. 49 illustrations, 75 pages.....\$1.00

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GLADIOLUS, by F. F. Rockwell. Tells how to plant, fertilize, and cultivate; how to grow from seed or bulblets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations, 79 pages.....\$1.00

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LAWNS, by F. F. Rockwell. Full of suggestions on laying out the lawn, grading, fertilizing, planting, care after planting, weed and pest control, and re-making and repairing old lawns. 39 illustrations, 87 pages\$1.00

PATIO GARDENS, by Helen M. Fox. Spanish gardens offer many opportunities to gardeners all over the United States. This book contains accurate descriptions, pictures and plans of patios, pools, flowerpots, balconies, stairways, fountains, tiles, and wrought-iron with clear-cut suggestions for their use in your own garden. 98 illustrations, 247 pages, beautifully bound\$6.00

GARDEN POOLS; LARGE AND SMALL, by Ramsey and Lawrence. Nothing else can add so much to your garden as a pool. How to have one is fully explained in this new book. Its text is so complete and its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn all about designing, planting and caring for it. 41 illustrations, 122 pages.....\$2.50

THE CACTUS BOOK, by Dr. A. D. Houghton. Tells which cacti to seed, hybridize, make cuttings and grafts, and everything else connected with successful cacti growing. 18 illustrations, 145 pages\$2.25

THE FANTASTIC CLAN (The Cactus Family), by John James Thornber and Frances Bonker. Accurate and complete, this book describes the cacti, tells how and where they grow, gives complete cultural directions for indoor and outdoor gardens everywhere. 54 illustrations, 4 in color.....\$3.50

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An Elaborate and Graceful Rock Garden Planting at the Home of Mr. and Mrs. A. Souza, Willow Glen, California

Suggestions for the Rock Garden

SUCCULANT PLANTS FOR ROCKY USE

COTYLEDON ORBICULATA—Foliage long, flat, thin, with red margins. Flowers large, reddish. Very interesting. 25c each, pot grown; \$2.50 per doz., postpaid.

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OTHER ROCK GARDEN POSSIBILITIES

As listed elsewhere in this catalogue

ANNUALS

Page	References:	Seeds-Plants
Abronia	33
Alyssum	33
Anchusa	34
Cheiranthus	37
Cynoglossum	37
Dianthus	38
Dimorphotheca	39
Eschscholtzia	39
Euphorbia	39
Gilia	40
Leptosyne	42
Linaria	42
Lobelia	43
Marigold	43
Nasturtium	44
Nemesia	44
Nemophila	44
Petunia	45
Portulaca	46
Saintpaulia	32
Ursinia	50
Virginian Stocks	51
Wallflower	51

PERENNIALS

Page	References:	Seeds-Plants
Agathea Coelestis	33
Alwoodii Alpinus	38
Alyssum	33
Armeria	34
Aubretia	34
Campanula	35
Candytuft	36
Centaurea
Candidissima	37
Cotoneaster	70
Cheiranthus	37
Dianthus	38
Daisy	38
Geum	40
Heuchera	41
Linum	43
Mimulus Moschatus	43
Primula	46
Pyrethrum	46
Verbena	50
Viola	51
Forget-Me-Not	38

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ASPARAGUS SPRENGERII (Emerald Feather Fern)—Feathery sprays of rich green, frequently growing to 4 feet long. Excellent as a pot plant or for hanging baskets. Plants from 3 in. pots, 15c each, delivered free; from 4 in. pots, 25c each, delivered free. Luxuriant ferns in 10 in. wire hanging basket, \$2.00, express collect.

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