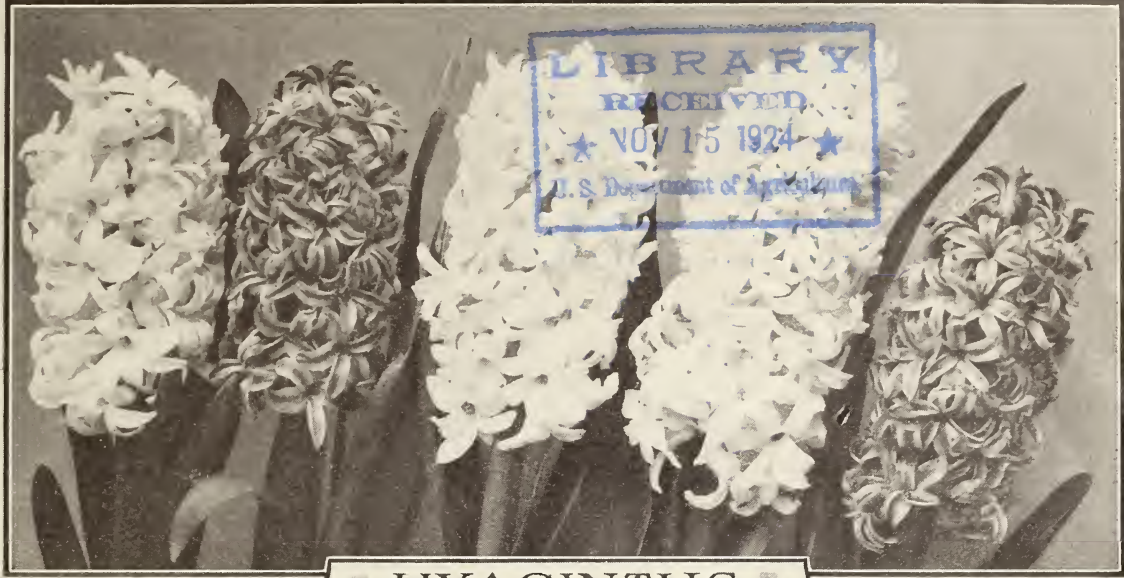


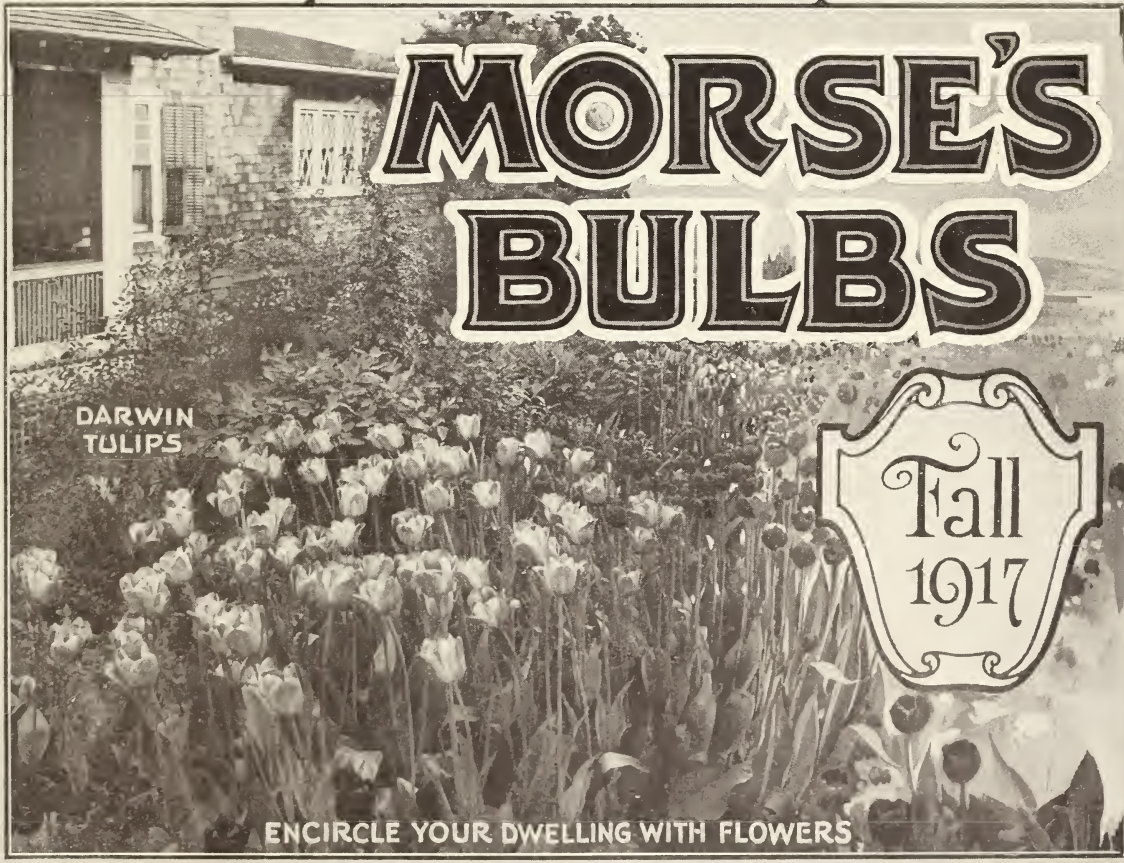
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■ HYACINTHS ■



DARWIN TULIPS

Fall 1917

ENCIRCLE YOUR DWELLING WITH FLOWERS



C. C. MORSE & CO.

SAN FRANCISCO - CALIFORNIA





Single Hyacinth

The same flower is in "prepared Hyacinths" and in our magnificent late Hyacinths.

Bulbs for Earliest Flowers

Special bulbs which will flower at Christmas time

We are introducing Holland-grown Hyacinths that have been especially prepared to make them suitable for early flowering and forcing. These bulbs have been lifted in early June and dried with artificial heat, which causes them to develop into well-ripened bulbs much earlier than the usual field hyacinths, and this earliness continues through the life of the plant so that it is ready to flower weeks ahead of the regular time.

Many of our customers have wanted Hyacinths for Christmas time and these bulbs, properly planted and properly cared for, will give Christmas flowers.

Early-flowering Tulips, both single and double, which, when planted out of doors, have but very short stems, can be forced with heat into flowers with fine, long stems. These, as well as the other early bulbs, are well adapted to grow and flower in Morse's Prepared Bulb Fibre.

Other bulbs which may be so treated are: Daffodil Golden Spur, a pure yellow trumpet daffodil; Narcissus Paper White Grandiflora; Freesias, and Snowflakes. Planted out of doors, these same bulbs will give earliest flowers, for the most part blooming in January and early February.

Detailed cultural directions are given below.

(Postage at zone rates must be added to the below prices wherever shipping weights are given.)

SINGLE PREPARED HYACINTHS

(Weight 2 lb. per doz., 12 lb. per 100.)

from finest named varieties.

	Large Size	Medium Size
Light blue	\$2.40 doz.	\$1.75 doz., per 100 \$12.00
Light pink	2.40 doz.	1.75 doz., per 100 12.00
Pure white	2.40 doz.	1.75 doz., per 100 12.00
Red	2.40 doz.	1.75 doz., per 100 12.00
Yellow	2.40 doz.	1.75 doz., per 100 12.00
Mixed	2.25 doz.	1.60 doz., per 100 11.00

SINGLE EARLY FORCING TULIPS

(Weight ¾ lb. dozen, 5 lb. per 100.)

In addition to our regular list of early Tulips, the following are special florists' varieties, adapted for forcing:

	Per Doz.	Per 100
Duc de Berlin, scarlet edged yellow.....	\$.50	\$3.50
Frederick Moore, deep orange.....	.45	3.20
King of the Yellows, pure yellow.....	.45	3.20
Mon Tresor, intense deep yellow.....	.50	3.50
Proserpine, pink of an unusual shade.....	.65	4.50
Vermilion Brilliant, dazzling vermilion.....	.65	4.50

DOUBLE EARLY FORCING TULIPS

(Weight ¾ lb. dozen, 5 lb. per 100.)

	Per Doz.	Per 100
Coronne d'Or, yellow shaded orange.....	\$.65	\$4.50
Salvator Rosa, deep pink.....	.45	3.20

EASTER LILIES

For Easter flowers these must be started at once.

(Weight 3 lb. doz.)

	Per Doz.	Per 100
Harrisii, true white Bermuda Easter Lily. 15c each.....	\$1.50	\$10.00

FORCING DAFFODIL

(Weight 1½ lb. dozen, 10 lb. per 100.)

	Per Doz.	Per 100
Golden Spur, pure yellow, long trumpet.....	\$.50	\$3.75

FREESIAS

(Prices are postpaid.)

	Per Doz.	Per 100
Purity, large bulbs. Per 1000, \$10.00.....	\$.20	\$1.50
Excelsior, new giant variety, white.....	\$.80	\$6.00

NARCISSUS

(Weight 1 lb. dozen, 8 lb. per 100.)

	Per Doz.	Per 100
Paper White, many flowers.....	\$.35	\$2.25

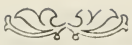
SNOWFLAKES

(Weight 1 lb. dozen, 5 lb. per 100.)

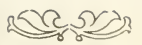
	Per Doz.	Per 100
Snowflake, see Miscellaneous Bulb List for description.....	\$.20	\$1.50

DIRECTIONS for pot growing and forcing. The bulbs must be unpacked as soon as received and should be potted at once, as good flowering results depend upon a thorough root growth. This can be obtained by early potting of the bulbs. Use old pots for this purpose, as new pots soak all the moisture from the soil. Morse's prepared bulb fibre or a light rich soil is the proper potting material. Use a four or five-inch pot. A little sharp sand sifted under the base of each bulb at the time of placing it in position will be beneficial. Then add more fibre until the crown or top of the bulb appears just above the surface. After potting, give a good watering and put them in a cool, dark place for eight or ten weeks, at which time the bulbs will be well rooted. Water thoroughly the first three days and then once a week until the pots are brought into the light. This should be done gradually, bringing them to a north or shaded window first and into the sunlight when just ready to flower. Keep the pots moist but never wet.

In order to get fine, long stems, bring the bulbs which you are forcing out from the cold, dark rooting place into a warm, dark place, instead of into the light. A covering of moss gives this result and is easy to handle. Add more moss as the flowering stem grows. This will take about three weeks and the bulbs are then ready to be brought into the light.



Old Dutch Breeder Tulips



Bronze Queen is a rare warm brown or light chestnut, and the flowers and stems are tall and fine in every way. Breeder Tulips are a new class of rusty, brownish tints and deep purples, fine stems and first rate flowers.

New and Rare sorts.

	Each	Per Doz.	Per 100		Each	Per Doz.	Per 100
Bronze Queen: soft golden-yellow bronze	\$.11	\$1.00	\$ 7.00	Medeah: enormous flower, crushed strawberry shaded heliotrope, yellow center, stems short and the flowers droop	\$.07	\$.55	\$3.75
Cardinal Manning: a curious blend of mauve and rose, which changes to an almost pure orange at the extreme edges of the petals.....	.08	.65	4.50	Queen Alexandra, soft sulfur yellow, a new and elegant tulip.....	. . . .	.65	4.50
Duke of Edinburgh: large dark purple	.15	1.50	10.00	Sunrise (Jaune d'Oeuf), ruddy apricot, inside a soft yellow; base black, also anthers .....	.07	.55	3.75
Golden Bronze: beautiful bronzy yellow .....	.17	1.50	.....	Wilberforce: an extra good bronze-purple .....	.35	3.50	.....
Madras: dark bronzy yellow and old gold, very beautiful .....	.18	1.60	.....	Yellow Perfection: bronzy yellow, shaded golden yellow at margin.....	.14	1.15	8.00
				Mixed Breeder Tulips: a fine mixture, but not made from the above sorts..	.05	.45	3.20

GENERAL CULTURAL DIRECTIONS FOR BULBS

Outdoor planting should be done early in the fall to secure healthy plants, vigorous foliage and beautiful flowers. Set the bulbs so that there is earth above them to their own depth. This is a good rule. Do not overcrowd; 3 to 4 inches apart for small bulbs such as Crocus, Snowdrops, Ranunculus, etc.; 6-7 inches for Anemones, Jonquils, Tulips, Iris, Freesias; 7-9 inches for Hyacinths and Narcissus; 18 to 27 inches for Lilies.

Non-Warranty

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather, too deep and too shallow planting, slugs, etc., therefore C. C. Morse & Co. give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants, bulbs, etc., they send out, and will be in no way responsible for the crop; if the purchaser does not accept the goods on these terms they are to be returned to us at once.

We wish to remind you of the few usual requests which help us so much in our business:

Please Order Early

The best time is just as soon as this catalogue reaches you. The bulbs may not have arrived by then, but your order will be given immediate attention, and be filled just as soon as the stock arrives. At the first of the season there are no sorts sold out, and, besides, the bulbs flower much better when planted early.

Name and Address

Please be sure to write plainly your full name and address, when sending us your order and remittance. Send also the name of the nearest express office, if bulbs are to come that way, when it differs from the postoffice. We send bulbs by express unless postage for the different sorts as shown in the catalogue accompanies the order.

Morse's Bulbs are the very finest grade.

Morse's Prepared Bulb Fibre

Early flowering bulbs can be grown in Morse Prepared Fibre right in the house and flower better than if growing in ordinary soil. The fibre will retain moisture longer and more evenly, and supply all plant food. No drainage is required for growing in this way; the fibre should be moist but not saturated, and if too much water should have been given, tip the bowl and empty same. Bowls are used for holding the fibre and growing the flowers. They always keep sweet on account of charcoal in the fibre. Hyacinths do well, also early Tulips, Freesias, Narcissus, Crocus, Jonquils, Snowflakes, Allium, Spanish Iris, etc., flower freely. Fibre comes moist. (Postage additional.) Lb., 10c; 5 lbs., 45c; 25 lbs., \$2.00.

PARCELS POST. A new and adequate Parcels Post law now applies to shipments of Seeds, Bulbs, Tools, Plants and Garden Supplies (except poisons and liquids) to all of the United States; also to Alaska, Canal Zone, Guam, Hawaii, Porto Rico, and the Philippines.

DOMESTIC PARCEL POST RATES				First pound or fraction	Each additional pound or fraction
On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.					
First Zone—	San Francisco	and within 50 miles of San Francisco		5c	1c
Second "	"	within 50 to 150 "	" " "	5c	1c
Third "	"	150 to 300 "	" " "	6c	2c
Fourth "	"	300 to 600 "	" " "	7c	4c
Fifth "	"	600 to 1000 "	" " "	8c	6c
Sixth "	"	1000 to 1400 "	" " "	9c	8c
Seventh "	"	1400 to 1800 "	" " "	11c	10c
Eighth "	"	all over 1800 "	" " "	12c	12c

Package are subject to a limit of **Maximum Weight** in the 1st and 2nd zones of 56 lbs.; and in all other zones, 3rd to 8th, of 20 lbs. The **Maximum Size** of a package is 34 inches for combined length and largest girth. **Insurance** will be effected only when asked for and remitted for as follows: Parcels to the value of \$25 or under for 5c; to the value of \$25 to \$50 for 10c.

FOR PARCELS WEIGHING 8 OUNCES OR LESS containing seeds, bulbs, plants or books only the rate of postage to all zones is 1c for two ounces or fraction. (Over 8 oz. the above zone rates apply.)

FOR PARCELS CONTAINING FOURTH CLASS MATTER—other than the above—up to four ounces is permitted to all zones at 1c per ounce. (Over 4 oz. the above zone rates apply.)

ZONE RATES may be had by application to your postmaster, who will tell you the zone which you are in with reference to San Francisco, or we will tell you as nearly as we can if you write us.

OUR PRICES plainly state whether postage is included, and if not what the weight of the bulbs is estimated to be. On our order sheet for bulbs is a column especially for weights, and these should be set down and added, and figured at zone rates as above table at the end of the sheet for the total shipment. This will make the figuring very simple. Should there be a slight difference between estimated weight and actual weight we will put in extra bulbs or seed.

Morse's Special Tulips for California



This is the class of Tulips, with deep flowers, tall stems, and they are fit companions to the Darwin and Breeder Tulips. The best and only yellows are here, also fine reds, oranges and pinks. These Tulips are not only magnificent for bedding effects, but are splendid as cut flowers for the home decoration. If possible, plant where there is shade part of the day and you will get better blooms.

The secret of Tulip culture is to have rich soil, well drained; use rotted manure and bonemeal, preparing the beds a month before planting. Set the bulb in sand if the ground is heavy and wet. Plant the bulbs as early as possible and about 3 inches deep and 8 inches apart. Water sparingly during the winter, but give plenty as the buds develop, and for several weeks after flowering.

Tulips are so bright and gaudy that they are prized by all. Gesneriana Major is a dazzling crimson, the brightest red Tulip; Parisian Yellow is fine bright yellow.

Single

(If Tulips are wanted by mail, figure weight at 3/4 lb. per doz.; 4 1/2 lbs. per 100.)
6 at the doz. rate, 50 at the 100 rate, 250 at the 1000 rate.

	Per Doz.	Per 100	Per Doz.	Per 100
Gesneriana Major: the most brilliant and dazzling crimson with black center. Has fine large blossoms with long stems. Always does well when planted outside, and is tremendously handsome. Morse's stock of this is best.....1000 for \$22.50	\$.40	\$2.50	\$.35	\$2.25
Bouton d'Or: pure golden yellow globe-shaped small flowers.....	.40	2.50	.85	6.00
Caledonia: orange scarlet, greenish black center, fine bold flower.....	.40	2.50	.35	2.25
Fairy Queen: very striking; should be in every collection because of its rare and pleasing shade; rosy heliotrope.....	.50	3.50	.40	2.75
Fawn, The: a perfect gem of a Tulip, and of a most unusual and delicate rosy fawn shade. A new and distinct sort.....	.55	3.75	.50	3.25
Fulgens: brilliant crimson, creamy white center, reflex petals, long stems.....	.40	2.75	.45	3.00
Gesneriana Spathulata: or crimson, see Gesneriana Major above.....	.40	2.50	.40	2.50
Gesneriana Aurantiaca: orange-red tulip of the fine Gesneriana form.....	.40	2.75	.60	4.50
Gesneriana Lutea: a beautiful golden yellow Gesneriana Tulip—large flowers with long stems.....	.40	2.75	.50	4.00
Inglescombe Pink: the best even-colored pink.....	.40	2.50	.35	2.25
Inglescombe Scarlet: very bright flame red or scarlet; distinct and handsome.....	.50	3.50		
Inglescombe Yellow: truly the queen of the yellows.....	.60	4.50		
Isabella or Blushing Bride: creamy white and pink, changing darker rose center, marked peacock blue; short stems.....	.30	2.10		
La Merveille: a large tulip of a striking color, being salmony-rose overlaid with orange-red.....				
La Reeve: flowers of a giant size of an old rose color overlaid on buff. A most handsome sort and truly giant.....				
Maiden's Blush: pure white, edged rose, long pointed fine flowers; a good pink.....				
Parisian Yellow: large handsome clear yellow flowers with pointed petals....1000 for \$26.00	.40	2.75		
Primrose Beauty: primrose or light yellow changing to white; a fine sort.....	.50	3.25		
Retroflexa Yellow: a fine yellow color with petals gracefully bending out; delicate and graceful.....	.45	3.00		
Salmon Queen: a beautiful blending of buff and salmon pink; a large, handsome tulip. Per 1000, \$22.50.....	.40	2.50		
Striped Beauty: (Dutch Zomerschoon) rose color, flaked deep crimson and white.....	.60	4.50		
Vitellina: pale primrose, tall and handsome.....	.50	4.00		
White Swan: between a long stem and a short stem, but the best pure white tulip.....	.35	2.25		
Special Collection, 2 bulbs each of above sorts (44 bulbs in all, weight 3 lbs.) for.....		\$2.00		
Bizarre Mixed Tulips, a striking and showy class of tulips. The ground is a shade of yellow—feathered, splashed or striped with crimson, purple or white.....	.40	2.50		
Morse's Giant Striped Tulips: These are fine tall tulips, all distinctly striped and splashed in white, lilac, red, etc. Much the finest striped tulips. Something new. Mixed....	.50	3.25		
Darwin Tulips, see pages 3 and 4. Mixed....	.35	2.50		

MORSE'S DARWIN TULIPS INCLUDING NEW AND RARE SORTS

There is as much difference between our fine Tulips and the inferior ones which are offered by some department stores as there is between silk and gingham—they are not the same thing at all. Our bulbs are the finest which can be produced, extra strong, and the surest to flower. A bulb which will not flower is expensive at any price, and Morse's Tulips are low priced, as low as the very best grade of Tulips can be supplied. Remember their quality.

DARWIN TULIPS are the ones with fine long stems and rounded petals. The stems are 24 inches or more and the newer varieties which we offer have magnificent flowers. We planted beds of these at the Exposition, which were very greatly admired, for they were truly gorgeous.

Darwin Tulips come in all shades of pink, carmine, red, mauve, violet and maroon. The mahogany shades and rare purples are found in the "Breeders," and yellows in our "Special Tulips" on the preceding page. Here will also be found cultural directions.

Have some of those fine large Darwin Tulips this year.

(Weight, $\frac{3}{4}$ lb. per doz.; $4\frac{1}{2}$ lbs. per 100. Single bulbs mailed free at 1/10 of the dozen price, plus 1 cent each.)
Six of a kind at the dozen rate; 50 at the hundred rate.

Pr.Dz. Pr.100

Angelina , pinkish lavender, shading to blush at edges.	.50	\$3.50
Ariadne , brilliant rosy crimson shaded scarlet, large flower, fine stems.	.75	5.00
Ascanio , brilliant lilac-mauve, a new color and a most splendid flower	1.15	8.00
Baronne Tonnaye , rose salmon and flesh.	.40	2.75
Carl Becker , rose carmine, shaded; stoutest stems and large flowers	.50	3.50
Centenaire , raspberry rose; fine tall stems and large flowers	1.30	9.00
Clara Butt , a large flower of remarkable beauty; an exquisite shade of soft salmon pink shaded rose. Award of Merit. Per 1000, \$26.00.	.35	2.75
Claude Gillet , dazzling vermilion-scarlet, white base with blue markings.	.50	3.50
Corydon , lilac on buff ground, an artistic shade by itself.	.60	4.25
Donders , darkest blood red.	.45	3.00
Dream , lilac	.60	4.00
Edmee , old rose, flushed light pink at margin	.65	4.50
Electra , a beautiful pale lilac, a favorite	.75	5.00
Erguste , pure lilac, with deeper color inside; white base.	.65	4.50
Europe , pure cherry red; medium size only; white center	.50	3.50
Exposition , new this year; extraordinary size and bright vermilion in color; if you want the finest and latest, plant several of these. 35c each	3.50	...
Feu Brilliant , brilliant clear scarlet; very large.	.75	5.00
Flamingo , an even tone of pure shell pink; flower pointed and distinct.	1.00	6.75
Fra Angelico , black; large maroon black; the finest of this color	.55	3.75



Darwin Tulips

	Per Doz.	Per 100	Per Doz.	Per 100
Gen. de Cordeus , scarlet, fine for cutting.	.35	3.50		
George Mav , cherry rose.	.50	3.50		
Glow , brilliant vermilion, blue and white center; medium size. Per 1000, \$32.50.	.50	3.50		
Harry Veitch , like Feu Brilliant, only not so large	.50	3.50		
Kate Greenwood , white and lilac.	.50	3.25		
King Harold , deep blood red, w. c., fine and large	.40	3.00		
La Candeur (White Queen), white tinged blush	.50	3.50		
La Tristesse , mauve and wine shaded.	.70	5.00		
La Tulip Noire , the new enormous black.	1.00	7.00		
Loveliness , cherry pink, a little darker than Clara Butt; not tall.	.15	3.00		
Marconi , large violet-purple flower with a yellow center	.70	5.00		
Margaret (Gretchen), lovely blush pink; Award of Merit	.35	2.50		
Massachusetts , vivid pink, W. C.	.55	3.75		
Mauve Clair , a new beautiful lilac shaded a deeper mauve tone toward the center.	1.15	8.00		
May Queen , a first-rate pink.	.45	3.50		
Mrs. Cleveland , a delicate flesh color.	.60	4.00		
Mrs. Farncombe Sanders , scarlet with clear, white base; beautiful.	.55	3.75		
Mrs. Krelage , rosy pink, color of Papa Gontier rose	.50	3.25		
Mrs. Potter Palmer , rich glowing purple or plum color	.65	4.50		
Painted Lady , creamy white, just tinged with heliotrope	.60	4.00		
Pl. de Communes , purplish maroon.	.60	4.00		
Pride of Haarlem , giant flowers of deep rose shade. Award of Merit. Per 1000, \$31.00	.50	3.25		
Princess Elizabeth , a grand rosy pink, surpasses Mrs. Krelage.	.70	4.75		

Darwin Tulips—Continued

	Per Doz.	Per 100		Per Doz.	Per 100
Prof. Rauwenhoff , full cherry rose of enormous size	\$.65	\$4.50	Wedding Veil , silvery gray or light lavender	\$.50	\$3.25
St. Simon , dark violet or purple; beautiful .....	.60	4.00	White Queen , white, tinged blush .....	.50	3.50
Rev. Ewbank , gray heliotrope. Per 1000, \$36.00 .....	.60	4.00	Wm. Pitt , very dark scarlet with purple shade on the outer petals; large flower of distinct color and great beauty .....	.60	4.00
Suzon , flesh pink, large flower .....	.70	4.50	Splendid Mixture of Darwin's of finest named sorts above .....	.50	3.60
Sieraad van Flora , a magnificent crushed strawberry red of distinct color .....	.65	4.50	Darwin Collection No. 1 —One each of the above sorts, named separately, 53 bulbs (weight 4 lbs.) for	\$3.50	
The Sultan , the Black Tulip, maroon .....	.35	2.50	Mixed Darwin Tulips .....	.35	2.50
Van Poortvliet , fine light cherry red .....	.55	3.75	Orders for 500 or more Tulips assorted may deduct 10 per cent from per doz. and per 100 prices.		
Viking , a deep strong color, well fitting to its name; purplish violet	1.15	8.00			

“MORSE’S SPECIAL MIXTURE OF LATE TULIPS”

These Mixed Tulips, made up by ourselves from named varieties, embrace all classes and sorts, with all colors; extra fine this year with many named Darwins and more varied and robust growers; 40c. per doz.; \$3.00 per 100; \$28.00 per 1000.

EARLY SINGLE VARIETIES

Bloom in March. Excellent for growing in Morse's Bulb Fibre in the house. For pots, beds and borders. They come in bright colors; have short stems when planted out of doors.

	Per Doz.	Per 100		Per Doz.	Per 100
Artus : bright red or scarlet, fine bold flowers	\$.35	\$2.25	Proserpine : glossy carmine, rose, silky and effective	\$.65	\$4.50
Chrysolora : pure golden yellow, finest yellow for bedding .....	.40	2.50	Queen of the Netherlands : exquisite shade of soft blush-pink shaded with white; large globe-shaped flowers of lasting quality .....	.40	2.75
Cramoisi Brilliant : bright scarlet of large size and great substance; fine forcer and bedder .....	.35	2.25	Rosa Mundi : rose with white feather centering each petal .....	.40	2.50
Duchess de Parma : orange scarlet with yellow edge; fine and large .....	.40	2.50	White Swan : large pure white, with egg-shaped flowers .....	.35	2.25
Kaiser Kroon : crimson scarlet with yellow margin; a fine bold flower .....	.50	3.25	Collection of Early Single Tulips : (2 each, 24 bulbs, weight 1½ lbs.) for	\$1.00	
La Reine (Queen Victoria): white, with faint tint of pink; splendid for forcing and bedding .....	.35	2.25	Splendid Mixture of Single Tulips : good portions of various colors .....	.25	1.75
Pottebakker : Scarlet—bright scarlet, fine for bedding .....	.40	2.50	Morse's Early Mixture of named sorts is made up by ourselves of our best named tulips, and contains a great many varieties .....	.35	2.40
Prince of Austria : sweet scented, brilliant orange scarlet, long stems .....	.40	2.50			

EARLY DOUBLE TULIPS

The flowers on these last longer than do the single blooms; the colors are brilliant and varied; stems short.

	Per Doz.	Per 100		Per Doz.	Per 100
Couronne D'Or : deep yellow marked orange red	\$.65	\$4.50	Titian : scarlet edged yellow	\$.50	\$3.50
Murillo : a delicate blush-pink, a beauty .....	.40	2.75	Morse's Named Double Tulips Mixed .....	.45	3.00
Rubra Maxima : dazzling scarlet, a fine bedding variety .....	.45	3.00	Splendid Double Mixture : from the Holland fields .....	.30	2.00

PARROT OR DRAGON TULIPS

These are in very bright colors, each Tulip having some combination of three colors of red, green, black and yellow. The flowers are large and the petals are deeply cut or fringed; stems are short and often the flowers droop. They make a very bright border. Mixture of all colors.....Per doz., 30c; per 100, \$2.00

MORSE’S GARDEN GUIDE—issued in December.

A copy will be sent to all those who have ordered from us this past year.

Morse's Seeds are famous for their trueness, strong growth, and thorough reliability. You should plant them.

Try our new Sweet Peas. See pages 16 to 19. They are wonderful.

Nursery Stock, Roses, Shrubs, Trees and Ornamentals; also Tools and Insecticides, and other articles which you want, are all included.

Plant Morse's Seeds Only.



Hyacinths in Holland

Hyacinths

To grow a good Hyacinth is just as easy as to grow a poor one. Good Hyacinths come from good bulbs like ours, and here is a list of excellent varieties: Grand Maitre; Queen of the Blues; King of the Blues; Albertine; Gertrude; Gigantea; Roi des Belges; City of Haarlem; Herman. Hyacinths are especially hardy and easy to raise: more are needed in every garden. Plant in a situation out of the full glare of the sun. The blooms last longer. Single Hyacinths are better than double; the spikes are equally full on both single and double. Hyacinths can be flowered successfully in glass in the house; very fragrant.

Culture. Spade and manure the ground a month before planting the bulbs, using a little bone meal well dug in. Set the bulbs 2½ inches under ground at the top in damp places and 4 inches under in dry spots and 7 to 8 inches apart. To have all of the bulbs flower at one time, see that the bulbs are set at an even depth. For house growing use our Bulb Fibre. (See page 1.)

For potting use a mixture of river sand, rotted manure and fibrous loam in equal parts. Use a 5 or 6-inch pot or 3 bulbs to a 7-inch pot and let a third of the bulb be above ground. Bury the pot for six weeks to let the bulbs root and then bring into the house to force them into flower.

Our named varieties of Hyacinths are all of first size, and are large, healthy bulbs, and will produce the very finest flowers.

(If ordered by mail, allow for weight 3 lb. per doz; postage additional.)

Named Varieties of Hyacinths

Extra large bulbs for flowering in glasses, and for growing outside.
 Collection of 12 separate varieties, not named, \$1.50 per doz. Mixture of all varieties, \$1.50 per doz., \$11.50 per 100.

SINGLE BLUE				SINGLE WHITE			
	Each	Per Doz.	Per 100		Each	Per Doz.	Per 100
Grand Lilac: blue, lilac shaded.....	\$.15	\$1.50	\$12.00	Albertine: compact, small bells.....	\$.15	\$1.50	\$12.00
Grand Maitre: deep porcelain blue... .	.15	1.50	12.00	Arentine Arendsen: early, pure white	.18	1.75	14.00
Ivanhoe: rich violet blue.....	.25	2.50	.....	Baroness Van Thuyll: white, small bells	.15	1.50	12.00
Johan: pale gray-blue, large spikes..	.18	1.75	14.00	Grande Blanche: blush white, with large bells	.15	1.50	12.00
King of the Blues: dark blue.....	.15	1.50	12.00	Grandeur a Merveille: Early large, blush white	.15	1.50	12.00
Menelik: purplish black.....	.15	1.50	12.00	La Grandesse: pure white, an extra fine sort for exhibition.....	.20	2.25	.....
Perle Brilliant: pale blue; large bells..	.15	1.50	.....	L'Innocence: large truss, pure white..	.20	2.00	.....
Queen of the Blues: azure blue.....	.20	2.00	.....			
Schotel: lavender, fine large spike....	.20	2.00	.....			

Hyacinths—Continued

(Postage additional; weight 3 lbs. per doz.)

NEW MAUVE SHADE, Single

	Each	Pr.Dz.	Pr.100
Sir Wm. Mansfield: striking mauve color: unusual and pretty.....		\$.20	\$2.00

SINGLE RED, ROSE AND PINK

	Each	Pr.Dz.	Pr.100
Gertrude: pink, very fine and popular.....	\$.12	\$1.40	\$11.00
Gigantea: fine true pink, many flowerets.....	.15	1.50	12.00
Jacques: enormous spike, tall and well filled, warm rose pink.....	.15	1.50	12.00
King of the Belgians (Roi des Belges): deep crimson scarlet.....	.15	1.50	12.00
Koh-i-Noor: brilliant salmon pink, fine spike.....	.20	2.00	.....
Lady Derby: fine waxy rose pink.....	.20	2.00	.....
La Victoire: brilliant scarlet red, very fine spike.....	.20	2.00	15.00
Moreno: fine waxy clear pink.....	.15	1.50	12.00
Pink Perfection: delicate lavender pink.....	.15	1.50	.....
Queen of the Pinks: new brilliant pink with long compact spike. Very fine..	.25	2.50	.....
Robert Steiger: deep crimson.....	.15	1.50	12.00
Rosea Maxima: delicate large pink..	.15	1.50	12.00

SINGLE YELLOW

City of Haarlem: the best and largest yellow.....	.25	\$2.50	\$20.00
Herman: orange yellow.....	.18	1.75	14.00
King of the Yellows: golden yellow..	.18	1.75	14.00
Sonora: buff color, tinted, large.....	.18	1.75	12.00
Yellow Hammer: pure yellow.....	.18	1.75	.....

DOUBLE BLUE

Blocksburg: bright blue.....	.15	\$1.50	\$12.00
Garrick: deep azure blue.....	.15	1.50	12.00
Othello: violet black.....	.15	1.50	12.00
Prince of Saxe Weimar: dark blue, large spike.....	.15	1.50	12.00

DOUBLE WHITE

Bouquet Royal: white, yellow center..	.15	\$1.50	\$12.00
La Grandesse: large bells.....	.15	1.50	12.00
La Tour D'Avergne: very large, pure white.....	.15	1.50	12.00
La Virginite: blush white, very fine..	.15	1.50	12.00

DOUBLE YELLOW

	Each	Pr.Dz.	Pr.100
Minerva: orange.....	\$.18	\$1.75	\$14.00
Jaune Supreme: deep yellow, good....	.18	1.75	14.00

DOUBLE RED

Bouquet Tendre: deep carmine, good spike.....	.15	\$1.50	\$12.00
Grootvorst: delicate peach blossom..	.15	1.50	12.00
Kastanjbloem: fine rose pink.....	.15	1.50	.....
Lord Wellington: fine double light pink.....	.15	1.50	12.00
Noble par Merite: deep rose.....	.15	1.50	12.00

Dutch Roman Hyacinths

Known also as Miniature Hyacinths

(Postage additional; weight, 1 lb. per doz.; 7 lbs. per 100.)

These are smaller sized bulbs of the well known sorts and have the same style of flower. Often grown in pots and sold by florists when in full flower.

	Per Doz.	Per 100
White (Albertine).....	\$.50	\$4.00
Creamy White (M Plimsoll).....	.50	4.00
Dark Red (La Victoire).....	.50	4.00
Dark Blue (King of Blues).....	.50	4.00
Light Blue (Schotel).....	.50	4.00
Pink (Gigantea).....	.50	4.00
All above colors mixed.....	.50	4.00

French Roman Hyacinths

(Postage additional; weight 1 1/4 lbs. per doz.; 9 lbs. per 100.)

These throw three or four slender spikes from which hang the dainty flowerets. They are extremely early and are extensively used for forcing either indoors or out-of-doors.

	Each	Per Doz.	Per 100
Pure White.....	\$.09	\$.80	\$5.50
Pure White, extra size.....	.10	.85	7.00
Blue.....	.09	.80	5.50
Pink.....	.09	.80	5.50

Bedding Hyacinths

MIXED COLORS

(Postage additional; weight, 2 lbs. per doz.; 12 lbs. per 100.)

These are good strong bulbs and will form excellent flowers. Each year we import thousands of these bulbs for bedding and general culture.

SINGLE VARIETIES

	Pr.Dz.	Pr.100
Light blue shades mixed.....	\$.65	\$5.00
Dark blue shades mixed.....	.65	5.00
Dark red shades mixed.....	.65	5.00
Rose and pink shades mixed.....	.65	5.00
White shades mixed.....	.65	5.00
Blush white shades mixed.....	.65	5.00
Yellow shades mixed.....	.75	6.00
All colors mixed, per 1,000.....	\$40.00	.60 4.50

DOUBLE VARIETIES

The double varieties often have a small percentage of single flowering bulbs, but our bulbs are selected to give the highest percentage of doubles.

	Pr.Dz.	Pr.100
Light blue shades mixed.....	\$.70	\$5.50
Dark blue shades mixed.....	.70	5.50
Dark red shades mixed.....	.70	5.50
Rose and pink shades mixed.....	.70	5.50
White shades mixed.....	.70	5.50
Blush white shades mixed.....	.70	5.50
All colors mixed.....	.65	5.00

SEPARATE COLORS AND SORTS

(Postage additional; weight, 2 1/4 lbs. per doz.; 14 lbs. per 100.)

These make the ideal bedding Hyacinths, for it is a pleasure to have all of the pinks of one shade and all of the blues to match exactly. Although these are not so large as our first size, still by many they are listed as firsts, and they certainly are excellent either for growing in pots, or for bedding.

LARGE INTERMEDIATE SIZE—SINGLE

	Pr.Dz.	Pr.100
Pink (Gertrude).....	\$.90	\$7.00
Blush Pink (Gigantea).....	.90	7.00
Crimson Red (La Victoire).....	.90	7.00
White (Paix de l'Europe).....	.90	7.00
White (La Grandesse).....	.90	7.00
White (Albertine).....	.90	7.00
Dark Porcelain Blue (Grand Maître).....	.90	7.00
Azure Blue (Queen of the Blues).....	.90	7.00
Dark Blue (King of the Blues).....	.90	7.00
Yellow (King of the Yellows).....	1.00	8.00



DAFFODILS

Who does not love Daffodils? Their bright yellow flowers spread cheerfulness to all who behold them. They are a prime favorite and justly so. There is a place in every flower garden for some of these old favorites. It may be out under the trees, where they will thrive without any attention, or, better yet, in some spring flower "border." Wherever they are planted they will remain to blossom each year, for they are perfectly hardy. It is better to remove bulbs in the garden every second or third year, except Poeticus, which do not like to be moved.

Daffodil is the name applied to that branch of the Narcissus family having one flower only to a stem; these are the large Trumpet Daffodils; Short Trumpet or Crown Daffodils and Double Daffodils. These may also properly be termed Narcissus, which also includes Polyanthus or cluster-flowered Narcissus, and Poeticus or Poet's Narcissus. Jonquils are like small-sized crown Daffodils, although the term properly belongs only to the Single Sweet Scented Jonquil.

Wonderful strides have been made in breeding New Daffodils, and we offer you some of the very best in **Olympia** and **King Alfred**. For wonderful flowers try these.

Plant **Daffodils** in October and November out in the open ground in good soil and let them remain undisturbed. After flowering, let the leaves die back, but do not cut them off or the bulb will not flower next year. Set 5 inches deep and 8 inches to 12 inches apart. The bulbous roots will multiply and send up fine long flower stems every spring. Be sure to keep the ground moist during the growing season if season is dry.

They can also be grown easily in pots, putting four or five bulbs into a 5-inch pot, and keep well watered.

LARGE TRUMPET DAFFODILS

(Postage is additional. Allow 1½ lbs. per doz.; 12 lbs. per 100, except for Emperor.)

GRAND NEW SORTS

KING ALFRED: Truly a king among flowers. Stems are tall and the flowers very large, with perianth 4½ inches across. The trumpet is long and deep yellow and elegantly frilled. It flares out considerably at the edge and is two inches across. King Alfred caused great wonder at the P. P. I. E. gardens.

We had several clusters growing in our beds. This Daffodil can be forced and gives magnificent flowers. A winner of many prizes. Finest bulbs and at prices below last year's. 55c each, \$5.75 per doz.

OLYMPIA: Of wonderful size and beauty. Olympia is entirely different from King Alfred; it is a much lighter color and of quite different form. The trumpet is shorter, lighter in color and the perianth not so large and of a deep cream yellow color. A very pleasing flower. 50c each, \$5.00 per doz.

CORNELIA: Fine yellow trumpet sort; much larger than Emperor. 35c each, \$3.50 per doz.

DAFFODILS—Continued

WELL-KNOWN SORTS.

Bi-color Grandee: flowers very large, with broad pure white petals which overlap each other. The trumpet is bright yellow. Rather dwarf and late flowering; flowers of great substance and fine for cutting. 5c each, 45c per doz., \$3.00 per 100.

Emperor: one of the grandest Daffodils in cultivation; late. The perianth is broad and overlapping and the trumpet is very large and finely formed. Both perianth and trumpet a bright yellow. The stems are long and fine for cutting. Emperor is the most popular of all the Daffodils, a fine color, a strong grower, tall and hardy. Our stock is of extra large size, all imported from Holland. We offer you the best and only the best. (Bulbs are extra heavy and postage must be allowed for 3 lbs. per doz., 22 lbs. per 100.) 7c each, 60c per doz., \$4.00 per 100.

Empress (White Wings): the perianth is pure white and the trumpet bright yellow; fine for cutting. A magnificent large flower, bold and erect. 6c each, 55c per doz., \$3.75 per 100.

Golden Spur: a fine fragrant variety, with long stems; excellent for cutting; the perianth is yellow and the trumpet is bright golden yellow; largely grown for the early market. 6c each, 50c per doz., \$3.75 per 100.

Henry Irving: the perianth has narrow petals of a bright yellow color; the trumpet is of a deep golden yellow and very large. Henry Irving is the earliest Daffodil and the variety which is in flower at Christmas. Bulbs are small, but flower is of good size. 5c each, 40c per doz., \$3.00 per 100.

Mme. de Graaff: the largest and finest white trumpet Daffodil, reasonably priced. Perianth is pure white, the trumpet is primrose when opening and turns pure white in a day or two. A most refined and beautiful flower of graceful carriage. 15c each, \$1.50 per doz., \$10.00 per 100.

Mrs. Thompson: a fine pure white variety; very handsome and early; trumpet elegantly frilled. Super-sedes Albicans. 5c each, 50c per doz., \$3.50 per 100.

Obvallaris (Tenby Daffodil): a fine hardy flower, the perianth white, trumpet yellow; not a large flower, but bold and very attractive. 5c each, 40c per doz., \$3.00 per 100.

Princeps Maximus: very early and popular; perianth sulphur yellow, drooping, trumpet rich yellow. 4c each, 30c per doz., \$2.25 per 100.

Double Daffodils, like double Tulips, stay in bloom longer than the single ones. The only variety which has a trumpet that is doubled is the Von Sion. The others are round double flowers; all are graceful and pretty. (If wanted by mail, allow 1¼ lbs. per doz.; 9 lbs. per 100 for weight.)

Alba Plena Odorata (the double White Poet's Narcissus or Gardenia Daffodil): a perfect gem; pure white, very double and fragrant; blossoms the latest in the season; be sure to water in the spring. 5c each, 35c per doz., \$2.25 per 100.

Incomparable (Butter and Eggs): rich yellow and orange; large size and good shape. 6c each, 45c per doz., \$3.00 per 100.

CROWN DAFFODILS (Chalice Cup or Star)

(If wanted by mail, allow 1¼ lbs. per doz.; 9 lbs. per 100, except for Sir Watkins, 2½ lbs. per doz.)

Gloria Mundi: these new crown Daffodils should be in every up-to-date garden. Gloria is a new and improved Narcissus with a trumpet or crown only half long and with a clear yellow fine perianth. The crown is gorgeously flame colored. This flower obtained a First-Class Certificate. 12c each, \$1.20 per doz.

Autocrat (Incomparabilis): pure yellow all over; large star-like perianth, large bowl-like crown; free flowering and vigorous; newly offered. 5c each, 50c per doz., \$3.25 per 100.



New Daffodil Olympia. (See page 7.)

Trumpet Major: one of the most popular large, clear yellow varieties (both perianth and trumpet same color); medium size flower of good form; valuable for bedding or cutting or for forcing. 5c each, 45c per doz., \$3.00 per 100.

Victoria: a new Daffodil with broad white perianth and large yellow trumpet; the flower has great substance and keeping qualities; we recommend it as the best yellow and white. 6c each, 55c per doz., \$3.75 per 100.

Orange Phoenix (Eggs and Bacon): very large, double, white and orange; very beautiful; fine for pot culture. 6c each, 45c per doz., \$3.00 per 100.

Sulphur or Silver Phoenix: creamy white with sulphur center; very double and beautiful, and considered the finest of the double sorts. 6c each, 45c per doz., \$3.00 per 100.

Von Sion: the largest and finest double yellow trumpet variety. This is the old favorite variety so highly prized in the old-fashioned gardens. Excellent for either forcing or cut flowers. If planted out of doors, it can remain where planted for a number of years, blossoming freely every year. It is as popular now as ever, and everyone who loves Daffodils should plant it. 7c each, 55c per doz., \$3.75 per 100.

Barrii Conspectus: broad yellow perianth with a short, broad crown edged with orange scarlet; a fine, bold flower of very large size; should be grown in quantity. 4c each, 30c per doz., \$2.25 per 100.

Cynosure: sulphur yellow perianth; yellow cup, stained with orange, scarlet; very showy; fine for cutting. 4c each, 35c per doz., \$2.50 per 100.

Lady Godiva: a fine new Daffodil with medium size cup of yellow edged orange scarlet; the perianth is white; beautiful form. 7c each, 65c per doz., \$4.50 per 100.

CROWN DAFFODILS—Continued

- Lucifer:** a striking novelty. Lucifer has a large cup of orange red, and a broad white perianth. This makes a wonderful color contrast. Plant in partially shaded location. 15c each, \$1.25 per doz.
- Queen Bess:** perianth pure white, cup light yellow, large and well expanded; early. 5c each, 40c per doz., \$3.00 per 100.
- Sir Watkin:** the perianth is sulphur yellow; the cup deep golden yellow and nearly as large as those in the trumpet class; one of the largest and finest Crown Daffodils, often 5½ inches across. A very popular sort. 6c each, 55c per doz., \$3.75 per 100.
- Stella:** star-shaped; one of the first to bloom; flowers white with yellow cup; large and very free blooming. 4c each, 30c per doz., \$2.00 per 100.
- Mrs. Langtry:** pure white perianth, broad and overlapping; cup white edged, bright canary yellow, a fine art flower and very prolific. On account of its low price is largely used for naturalizing. 4c each, 30c per doz., \$2.00 per 100.
- White Lady (Leedsii):** fine modern sort, with broad, round, overlapping perianth; small cup colored pale canary; beautifully crinkled. 10c each, \$1.00 per doz., \$7.00 per 100.



Poeticus Ornatus Narcissus

Polyanthus Narcissus

(If wanted by mail allow for weight 1¼ lbs. per doz.; 10 lbs. per 100; except for Chinese Sacred Lilies, which weigh 3 lbs. per doz.)

- A very fragrant, sweet-scented type of the easiest culture and very early. Can be grown outdoors in pots or in a dish of water with coarse gravel. The stems each bear from 10 to 20 blossoms at the top.
- Paper White Grandiflora:** beautiful snowy white blossoms with large petals, deliciously fragrant; the earliest to bloom; will blossom out of doors by Christmas if planted in October. 35c per doz., \$2.25 per 100, \$20.00 per 1000.
- Grand Monarch:** broad white perianth with primrose cup. 50c per doz., \$3.75 per 100.
- Grand Soleil D'Or:** a rich, clear yellow with orange cup. 6c each, 50c per doz., \$3.75 per 100.
- Chinese Sacred Lily (single):** perianth white. Cup yellow, very free flowering and fragrant; can be had in flower in dishes with water and coarse gravel from December to March. We handle the finest selected bulbs imported from China. 15c each, \$1.25 per doz., \$3.00 per basket of 30 bulbs.

Poeticus Narcissus

(If wanted by parcels post allow ¾ lb. per doz.; 6 lbs. per 100.)

These are different from all the foregoing sorts. Poet's Narcissus are pure white round flowers of six petals, with very small cups hardly more than a center to the flower. One of our novelties last year was *Aspasia*, a cross between this class and the polyanthus, having the good features of both. Poet's Narcissus are great favorites and do especially well under trees and in grassy places, where they may be left undisturbed for years. Largely used for naturalizing. Plant in the shade.

- Poeticus (Pheasant's Eye):** the old-time favorite; very hardy, late. 25c per doz., \$1.75 per 100, \$16.00 per 1000.
- Glory of Lisse:** extra fine Poeticus flower, with broad, round flowers; white effect. 50c per doz., \$3.50 per 100.
- Poeticus Ornatus:** an early flowering sort, with large flowers of greater substance; an improvement. 25c per doz., \$1.75 per 100.
- Poetaz Elvira:** superseded by *Aspasia*, which is better.
- Poetaz Aspasia:** 4 to 5 strong flowers to a stem; pure white, with yellow cup; fragrant. Similar to Poeticus, more flowers to a stem and thicker in texture. Have you tried these? 5c each, 50c per doz., \$3.50 per 100.
- COLLECTIONS—**Various Narcissus. (Postage additional, 12c per doz.) A splendid mixture of the best Single Trumpet Daffodils, 40c per doz., \$3.00 per 100, \$28.50 per 1000.
- A splendid mixture of the best Double Daffodils, 40c per doz., \$2.75 per 100, \$25.00 per 1000.
- A splendid mixture of all Daffodils and Narcissus, 40c per doz., \$2.75 per 100, \$26.00 per 1000.

Jonquils

Jonquils are in several classes. Single Jonquils are in small clusters of flowers and are fragrant. Campanelle and Rugulosus are larger and have usually two flowers to a stem and resemble small Daffodils; not fragrant. Double Jonquils are a double form of these. All are charming.

	Pr.Dz. Pr.100	
Single Sweet Scented: very fragrant; rich golden yellow; cluster of small flowers. (Doz. price is postpaid; 100 weigh 1½ lbs.)	.20 \$1.15	
Giant Double Jonquil: heads medium-sized; very double and rich golden yellow. This is a larger and much improved variety. (Doz. price is postpaid; 100 weigh 1½ lbs.)	.50 3.50	
		Pr.Dz. Pr.100
Campanelle: yellow flowers, resembling a small daffodil; fine for forcing; not fragrant. (1 doz. weigh ¾ lb.; 100 weigh 5 lbs.)	\$.30 \$2.00	
Rugulosus: the largest of the Jonquils; rich golden yellow, broad perianth with wrinkled cup; not fragrant. (1 doz. weigh ¾ lb.; 100 weigh 5 lbs.)	.30 2.00	

Iris—Fleur-de-Lis

Iris are very easy to grow, especially those with creeping root-stocks—which are the German Iris, the Flag Iris, Susiana Mourning Iris, Gigantea Iris, and Japanese Iris. (This latter must have plenty of moisture.) And they are beautiful—as pretty as an orchid. Iris flower at all seasons. The German very early, with the Flags, then Susiana, Spanish, English, and finally the Japanese—during all Spring and Summer.

The bulbs should be planted 2 or 3 inches deep and 6 inches apart, and for the best effect should be in beds or groups of twenty-five to one hundred or more bulbs. The greater the number the finer the effect.

Set the Iris with root-stocks at least 3 inches apart in 12-inch rows. A mulching of coarse manure or straw will facilitate the production of fine long stems and large blossoms.

German Iris

(Weight, 2 lbs. per doz.)

Roots are ready in November.

These come from creeping root-stocks, which blossom every year. The older German Iris are commonly called "Flags" and are much prized for their delicate shadings, fine colors and early flowers. Grow 2 to 3 feet tall. Plant 3 inches deep and 12 inches apart and do not move. The new varieties grow as high as 4 feet and have very handsome flowers with petals of graceful shape.

	Each	Pr. Dz.
Aurea: a fine golden yellow.....	\$.20	\$1.50
Blue Jay: bright blue.....	.15	1.50
Bouquet Royal: light yellow standards, falls white.....	.13	1.25
Darius: standards light yellow, falls purple veined yellow and white.....	.20	1.50
Gloire de Hillegom: beautiful clear light blue, tall and stately (a Pallida hybrid).....	.20	1.50
Grachus: crimson reticulated white, very fine.....	.20	1.50
Innocenza: ivory white.....	.20	1.50
Kharput: purple, standards blue, a fine dark sort.....	.13	1.25
Madam Chereau: white, elegantly frilled azure blue at the edges. Tall and fine.....	.13	1.25
Maori King: rich golden yellow standards, falls velvety crimson margined gold.....	.15	1.50
Powhatan: very fine reddish mauve, falls purplish.....	.15	1.50
Queen of May: a hybrid from the beautiful large Pallida Iris; a soft rosy pink color.....	.25	2.50
Zanardelli: a fine bright blue Pallida Iris. This gives a new color to this fine type.....	.25	2.50
Mixtures of all the above varieties and many others not listed separately.....	Per 100	\$9.00
Blue Flag: large early blue. Roots ready in October.....	.09	.85
White Flag: large early white.....	.09	.85

New Dutch Iris

(Weight, 1/2 lb. per doz.; 4 lbs. per 100.)

A wonderful new strain of these most popular and beautiful flowers. They resemble a much enlarged and improved Spanish Iris, and as they flower very early they will become exceedingly popular with Californians. This newest sort should be in every garden. Grown from a bulb.

Mixed varieties35c per doz., \$2.50 per 100

Morse's Lavender=Blue Iris

There is no grander variety in all of the German Iris. Color deep, clear lavender, very large flowers, sweet-scented. This Iris should be planted largely where cut flowers are in demand, as it is certainly the best of its class. A grand variety for massing in borders; it is superb. 25c each, \$2.50 per doz.

Iris Gigantea (OCHROLEUCA)

(Prices include postage.)

This is a grand Iris, tall and stately, with sharp, narrow leaves: it will make a good division plant for placing at the boundaries of your lot. The leaves are 3 feet high and evergreen, while the flower stems are 4 feet high and bear large flowers, creamy white with a yellow blotch on each petal. Several flowers come on a stem and measure 4 to 6 inches across. Gigantea Iris blooms in May, is easily grown and is a fine acquisition to any garden.....25c each, \$2.50 per doz.

Iris Foetidissima

Another Iris with a creeping root-stock and evergreen leaves: The seed pod of I. Foetidissima when ripe breaks open and shows a number of large bright red seeds inside. The stem may be plucked then and kept a long time.....20c each, \$2.00 per doz.

Japanese Iris

(Iris Kaempferi)

(If wanted by parcels post, allow 6 lbs. per doz. for weight.)

By universal consent this species of Iris is given first place. It is one of the finest flowers we have, coming in various tints of blue, lavender, crimson, rose and lilac, as well as the dark blues and violets. The bulbs are perfectly hardy and the plants are very easily grown in any garden where there is good soil and plenty of water. Plant 4 inches deep and 14 inches apart. The blossoms vary from 8 to 10 inches in diameter and are borne on long, graceful stems, blooming profusely in June and July. Bulbs are ready for delivery some time in December. We have some beautifully colored pictures of these at our store.

In separate sorts or mixed.....25c each, \$2.50 per doz.



Iris Gigantea



Spanish Iris

Spanish Irish grow from bulbs and make a stem two feet high, with flowers of exquisite shading and texture. Spanish Iris is earlier and shorter than English, and, being so cheap, many thousands are planted each year. They look best planted in mass. All Spanish Iris have a yellow blotch just where the lower petals begin. Our list contains new varieties never offered before and which are very beautiful.

After flowering, the bulbs may either be lifted or allowed to remain for another season. The varieties contained in our collection are the finest and most distinct in cultivation.

Named Varieties: except those otherwise priced, all 15c per doz., \$1.00 per 100.

(Dozen prices are postpaid. Weight per 100, 1 lb.)

- Beauty:** large azure blue standard; falls white shaded bluish.
- Belle Chinoise:** fine golden yellow.
- Blanche Superbe:** large white flower, with a suggestion of pale porcelain shading; one of the best and earliest.
- British Queen:** purest white.
- Cajanus:** pure yellow; large flower; very tall; fine for cutting. 20c per doz., \$1.50 per 100.
- Chrysolora:** golden yellow; the best of its color in cultivation.
- Darling:** bright blue.
- Early Light Blue:** blooms the first of all; color exquisite. 30c per doz., \$2.00 per 100.
- Excelsior:** extra large flower of clear light blue. 25c per doz., \$1.75 per 100.
- Formosa:** the finest of dark blue.
- Hercules:** fine bronze and violet. 25c per doz., \$1.75 per 100.
- King of the Blues (Count of Nassau):** rich dark blue, shaded lighter.

- Louise:** French gray and white, with golden blotch; very beautiful.
- L'Unique:** violet blue, with white falls; large and distinct flower.
- Philomela:** fine, large; pale blue.
- Princess Ida:** primrose, orange blotch, white standards.
- Queen Emma:** early, tall, robust stem; clear, deep yellow, with golden blotch; very fine sort. 25c per doz., \$1.50 per 100.
- Queen of the Netherlands:** a very striking, clear, bright deep blue.
- Reconnaissance:** bronze and orange blended. 25c per doz., \$1.75 per 100.
- Sappho:** bronze; very fine...25c per doz., \$1.75 per 100.
- Snowball:** pure white, shading to sapphire at base, with conspicuous golden blotch.
- Solfaterre:** grayish lilac and yellow.
- Sweet Lavender:** a large flower of the daintiest, sweetest light blue imaginable. 25c per doz., \$1.75 per 100.
- Walter T. Ware:** primrose yellow, finely formed; Award of Merit. 25c per doz., \$1.75 per 100.
- Splendid Mixture of all Varieties.** 2 doz. for 25c, 100 for 80c, 500 for \$3.50, 1000 for \$6.50.

Susiana Mourning Iris

(Prices are postpaid.)

A variety different from all others. It is a combination of silvery gray and dark chocolate and black. The plant is 12 inches high and comes in a creeping root stock which lasts for years. Set 3 inches deep and 12 inches apart. The flowers are immense and very greatly admired.....18c each, \$1.75 per doz.

English Iris

(If wanted by parcels post allow for weight 3/4 lb. per doz.; 6 lbs per 100.)

This beautiful variety grows on tall, stout stems and makes a fine florist's flower. The stem is 3 feet and surmounted by most delicately colored flowers 4 inches across. English Iris is taller than the Spanish and has larger flowers. Both are needed in all gardens to give a succession of bloom for six weeks. It blooms several weeks later, and care must be used to see that the plants have plenty of water when coming into flower, for this is the season of the year when our gardens are just beginning to be dry. Plant the bulbs in part shade for good results.

	Per Doz.	Per 100		Per Doz.	Per 100
Argus; beautiful pink and white.....	\$.40	\$2.50	Mont Blanc, pure white	\$.40	\$2.25
Blue Celeste; sky blue.....	.40	2.50	Rosa Bonheur; dark pink effect.....	.40	2.50
Duke of Richmond; dark magenta purple..	.40	2.50	Mixed colors .....	.30	2.00
L'Unique; bright claret color.....	.40	2.50			

Peacock Iris

Peacock or Pavonia Iris (bulbous): This is a dainty Iris; flat on top like the Japanese Iris, only it is small in size, 2 inches across. The petals are of a grayish tone, and at the center of each is a spot with all the colorings and shades of a peacock

eye, which it greatly resembles, hence the name. A charming flower with an iridescent eye of blue and green, and very pretty. Plant 2 inches deep. Per doz., postpaid, 25c; per 100, \$1.75.

LILIES

See back cover for illustrations.

(If wanted by parcels post, figure weight of Lilies at 3 lbs. per doz., except as follows: *Auratum*, large size; *Longiflorum*, large size, at 5 lbs. per doz.; *Elegans*, *Krameri*, *Leopard*, *Rubellum*, 50c and 75c sizes of *White Calla Lilies*, all at 1½ lbs. per doz.)

Our back cover this year, which please see, we have devoted to Lilies. Too many people do not know how easily grown Lilies are. If our native sorts will flourish on dry hillsides and still throw wonderful spikes of flowers, how much better will they do with a little attention.

Two Lilies should be planted early, *Candidum* or *St. Joseph Lily*, which is probably the hardiest white out-of-door sort, and the *Harrisii*, or *Easter Lily*, for indoors. This latter should be planted in September or October and are ready now.

Auratum Lilies have a fragrance which is almost overpowering in a small room, and besides this they are general favorites on account of the large and handsome flowers. Other varieties are less fragrant but not less popular.

Lilium Henryi we are importing from China in large numbers this year, and we want you to plant at least one of this magnificent Lily. Heretofore the price has been so high that it has kept this magnificent Lily from many gardens, but this year it is cheap, being only one-third of the former price. It is a grand Lily.

Choose a spot for Lilies which is shaded and drained, but still moist, and you will be successful in raising them in your garden. Set the bulbs out in November (or as late as February 1st) in a good deep soil, planting them 5 inches below the top of the ground into which some leaf mould has been worked. Water only lightly until they are well rooted, but liberally when of good size and about to blossom. Watch carefully for plant lice (aphis) and sprinkle with tobacco dust to keep them off.



Yellow Calla Lily

Longiflorum Multiflorum: an early flowering type of the Japanese Easter Lily. Pure white trumpet-shaped flowers. Splendid for growing in pots and for out-door planting. 15c each, \$1.25 per doz; extra large bulbs, 20c each, \$2.00 per doz.

Rubellum: of dwarf habit, bearing several beautiful rose-pink flowers. Come into flower early. It does best in sandy loam. 20c each, \$2.00 per doz.

Speciosum Album: flowers pure white. 15c ea., \$1.25 doz.

Speciosum Rubrum: blooms in July and August, having a spike 4 feet tall, with bright lilies of light crimson and white, the petals recurve; perfectly hardy. 10c each, \$1.00 per doz., \$7.00 per 100.

Speciosum Rubrum Magnificum: this variety is much more crimson in color than the ordinary *Rubrum* and is heavily spotted. 15c each, \$1.25 per doz., \$8.00 per 100.

Auratum (Gold-banded Lily): one of the finest and most popular of the hardy garden lilies. The blossoms are composed of six large petals of delicate ivory white, studded with spots, with a bright golden band running through the center of each petal. The flowers when fully expanded are nearly a foot in diameter, are very fragrant and bloom from June to October. 15c and 20c each and \$1.25 and \$2.00 per dozen, \$8.00 and \$12.00 per 100, according to size.

Auratum Pictum: similar in form to the *Auratum*, but tipped with crimson at the ends of the yellow rays. 25c each, \$2.50 per doz.

Auratum Platyphyllum: similar to *Auratum*, but larger and finer in all respects. Especially noted for its broad, lustrous leaves, which give double attraction. The petals are studded with crimson chocolate spots. 20c each, \$2.00 per doz.

Auratum Rubro Vittatum: handsome red-banded *Auratum*, one of the finest of all lilies. 50c each, \$5.00 per doz.

Candidum: hardy *St. Joseph* or *Annunciation Lily*, for early delivery only. 15c each, \$1.50 per doz.

Elegans Atrounginea: a dark blood-red lily of handsome appearance. *Elegans* lilies are all borne erect on a stem about 2½ feet. 20c each, \$2.00 per doz.

Elegans, Incomparable: the richest red known in lilies, a deep crimson slightly spotted black. Flowers large and freely borne. 15c each, \$1.50 per doz.

Elegans, Orange. 20c each, \$1.75 per doz.

Harrisii (The Bermuda Easter Lily): the flowers are trumpet-shaped, pure white, gracefully formed and delightfully fragrant. This is the lily so much grown by florists for Easter, on account of its very early flowering habit and abundance of bloom. *Harrisii Lilies* are better grown within doors. 15c each, \$1.50 per doz., \$10.00 per 100.

Order in September. *Harrisii Lilies* are ready for delivery in September and should be planted early, and the others in October and November. Early orders will be kept on file until the varieties arrive.

Henryi (the Yellow Speciosum): this is a rare lily, not seen nearly as much as its merit deserves. The color is a rich apricot, clear and even. The flowers are reflexed and come as many as 15 or 20 on a stem, which is frequently 6 feet high. The variety is exceptionally robust, free-flowering and handsome. 25c each, 6 for \$1.25, 12 for \$2.00.

Krameri: a beautiful large pink lily, distinct from all others. 20c each, \$2.00 per doz.

Leopard Lily: the native *Tiger Lily*. Flowers orange with dark spots. 10c each, \$1.00 per doz.

Longiflorum Giganteum: a fine type of Japanese Easter Lily; about two weeks later than *Multiflorum*. 10c each, \$1.00 per doz, \$7.00 per 100; and 20c each, \$2.00 per doz.

Tigrinum (Tiger Lily): brilliant orange spotted with black. 15c each, \$1.25 per doz., \$7.50 per 100.

Tigrinum Flora Plena (Double Tiger Lily): similar to *Tigrinum* but double. 15c each, \$1.50 per doz.

Washington: large native lily, opening white and gradually turning purple. 20c each, \$2.00 per doz.

White Calla Lily. According to size, 50c, 75c and \$1.00 per doz.

Yellow Calla Lily (Calla Elliottiana): the foliage is dark green with a number of translucent white spots and the flowers are bright yellow. Easily raised. Choose a well-drained, warm, sunny spot. *White Callas* thrive in damp and shade, but not yellow. According to size, 25c to 35c each, \$2.50 to \$3.50 per doz.

Miscellaneous Bulbs and Flowering Roots

ALLIUM

(Weight, 1/2 lb. per doz.; 2 lbs. per 100.)

Molly or Golden Allium: a very old favorite, and fine for naturalizing in the garden, where it forms large clumps of golden yellow flowers in June. Height, 1 foot. 15c per doz., \$1.00 per 100.
Neapolitanum: delicate white starry flowers in large clusters. 15c per doz., \$1.25 per 100.

AMARYLLIS

(Weight about 8 lbs. per doz.)

Frequent disturbance of the roots should be avoided, as this will prevent free flowering. Sends up a flower stalk without leaves in August to a height of 2 1/2 feet; very fragrant.
Belladonna Major: beautiful soft rose.....15c each, \$1.50 per doz.

APIOS TUBEROSA

(December delivery. Prices postpaid.)

This is a climber and is like a miniature Wistaria, growing about 10 feet high and bearing clusters of rich, deep purple flowers, which are sweetly scented.....50c per doz.

ANEMONES

(Prices are postpaid.)

The Anemone Beds at the P. P. I. E. caused much attention, especially from our Eastern guests. The handsomest bed was probably the one of St. Brigid, a type of Anemone with several rows of petals. Plant on a slightly raised bed, where the ground is warm. Anemones and Ranunculus, about the same height, 10 inches, are two flowers which are becoming more popular each year. Plant 1 1/2 inches deep; 5 inches to 6 inches apart.

DOUBLE POPPY ANEMONES

	Per Doz.	Per 100
Ceres: white, delicately tinted blush.....	.40	\$2.50
Duke of Devonshire: a new color; a striking light plum .....	.50	3.50
King of the Blues: a fine deep blue.....	.40	2.50
Feu Superbe: beautiful scarlet.....	.40	2.50
Double Mixed: as it comes from the fields.....	.30	2.00

SINGLE POPPY ANEMONES

	Per Doz.	Per 100	Per 500
Single Blue	\$.20	\$1.25	\$5.50
Single Scarlet .....	.20	1.25	5.50
Single White .....	.20	1.00	4.50
Single Mixed: as it comes.....	.20	1.00	4.00
Caen Mixed: the giant French type of Single Anemone .....	.30	2.00	7.50
St. Brigid: semi-double Irish Anemone....	.30	2.00	9.00

FULGENS ANEMONES

Scarlet Fulgens: the scarlet color in this flower is truly dazzling, it is so intense; handsome for out of doors and a fine cut flower50c per doz., \$3.50 per 100

BEGONIA (Tuberous-Rooted)

(Prices include postage.)

For January delivery. Splendid pot plants, equally useful for bedding purposes; free flowering, doing best with partial shade. No plant has brighter, larger flowers than have these tuberous begonias; the scarlets are bright scarlet; the yellow, bright yellow, and the white and pink, pure and attractive.

Cristata or Crested Begonia: these handsome flowers have crests on each petal, giving an unusual appearance.

Mixed25c each, \$2.50 per doz.

We offer Begonias in the following separate colors: **Dark rose, light pink, salmon, scarlet, white and yellow.**

Double: any color or mixed.....20c each, \$2.00 per doz.

Single: any color or mixed.....15c each, \$1.50 per doz.

BRODIAEA (Cal. Wild Flower)

(Prices include postage.)

Coccinea (Floral Fire Cracker): this pretty wild flower is not well enough known in our gardens; there is none other like it. Its color is bright red, tipped with pea green, and several flowers grow in a cluster at the top of a stout stem. 12 inches tall. 40c per doz., \$2.50 per 100.

Laxa (Ithuriel's Spear): bears a cluster of twenty or more of clear blue flowerets on a stem 1 to 2 feet high. One of the beautiful wild flowers of California in May and June. 25c per doz., \$1.50 per 100.

CALADIUM OR ELEPHANT'S EAR

(January delivery. Weight, 8 lbs. per doz.)

These are those tall "Elephant's Ears" used to give a tropical appearance to the garden. Set out as a bed



Anemones, Double Mixed

at the edge of a lawn, they are most effective, with their tall stalks and giant leaves. Give plenty of water and rich compost. Caladiums are tender to frost, but come up again next year. 15c each, \$1.50 per doz.

CALOCHORTUS (Cal. Wild Flower)

(Prices include postage.)

Golden Bell (Calochortus Amabilis): these are dainty flowers, with their drooping yellow globe-like heads; the foliage is slender and light green, and the whole makes one of the most delightful and modest little flowers. Stems 12 inches high, 3 flowers to a stem. A newly listed California wild flower. 30c per doz., \$2.00 per 100.

Mariposa Tulips (also called Mariposa Lilies): these wild flowers on the dry hillsides of the Sierras are admirable; they seem to so defy the July drought all around with their very handsome blossoms. Are borne on strong stems, 15 inches high, and come in bright colors, light lavender predominating; flowers are cup-shaped or tulip formed, and most pretty. **Mixed Mariposa Tulips**.....30c per doz., \$2.00 per 100

Miscellaneous Bulbs and Flowering Roots—Continued



Freesias

CROCUS

(Prices per doz. are postpaid; 100 weigh 2 lbs.)

Crocus is the first flower to bloom all through the East and in consequence is a great favorite. It grows low, 3 or 4 inches, and is good for borders, masses and lawn planting.

	Per Doz.	Per 100
Blue and Purple, mixed.....	\$.15	\$1.00
Whites, mixed .....	.15	1.00
Striped Varieties, mixed .....	.15	1.00
Yellow, mixed .....	.15	1.00
Yellow, large size .....	.20	1.50
Caesar: new extra fine flower; rich, deep purple	.30	2.00
Kathleen Parlow: largest pure white; orange anthers .....	.30	2.00
King of the Blues: extra large flower.....	.30	1.75
Madam Melba: early, large flower; pale mauve with darker stripes and bright orange anthers .....	.30	2.00
Splendid mixed, a finely proportioned mixture of all the best varieties.....	.20	1.25

CYCLAMEN, PERSICUM GIGANTEUM

(For December delivery. Prices are postpaid.)

A beautiful winter greenhouse or pot plant. Plant with top of bulb just below surface of ground; the best soil is good loam mixed with 1/4 well rotted manure and 1/4 clean sand.

	Each	Pr. Doz.
Rose, giant flowered	\$.20	\$2.00
White, giant flowered .....	.20	2.00
Crimson, giant flowered .....	.20	2.00
Mixed colors, giant flowered .....	.20	1.75

DIELTRA OR "BLEEDING HEART"

(For December delivery.) (Weight, 3/4 lb. each.)
Spectabilis: magnificent racemes of pink and white flowers 30c each; \$3.00 per doz.

MONTBRETIAS

(December delivery. Prices are postpaid.)

As Montbretias bloom in mid-summer, they are especially desirable for California gardens, and they are hardy and do wonderfully well with little or no care. Montbretias grow about 3 feet high, and make good cut flowers. Try these new giant sorts. Plant 3 inches deep.

	Per Doz.	Per 100
CALIFORNIA: beautiful deep golden yellow	\$.25	\$1.50

EARLY FLOWERING

(For Sept.-Nov. delivery. Prices are postpaid, except for late sorts, which weigh 1 lb. per doz.)

There are two separate and distinct types of Gladiolus—the Early Flowering and the Late Flowering. The former have slender stems and make a handsome bouquet which lasts well after cutting. Late Gladioli have taller stems—often 4 feet tall—and much stouter stalks. Plant 8 inches apart and 2 inches deep. (For other varieties of Gladiolus see our annual catalogue issued in December.)

	Pr. Doz.	Pr. 100
Ackermanni: salmon orange with white blotches, edged scarlet.....	\$.25	\$1.75
Blushing Bride: very delicate ivory white with 2 crimson flakes on lowest petals; 24-in. stems. Ready in September.....	.25	1.75
Peach Blossom: a soft, bright pink. Ready in September .....	.25	1.75

MONTBRETIAS—Continued Pr. Doz. Pr. 100

George Davidson: a splendid new sort; widely expanded pale orange yellow flowers .....	.40	2.50
FIRE KING: glowing scarlet-red.....	.25	1.50

FREESIAS

(For Sept. and Oct. delivery. Prices are postpaid.)

Greatly prized for the delightful fragrance of the delicately colored flowers, which, when cut, remain in good condition for a long time in water. Freesias bloom freely out of doors in January and February, being one of the first flowers to bloom; they increase in the garden rapidly.

Purity: a greatly improved strain, with flowers that are pure white inside as well as out, and of largest size; profusely borne on stiff stems; a fine cut flower; very fragrant. Freesias make a fine border, with their grass-like foliage, green all winter. Plant extensively this year at these exceptionally low prices:

	Pr. Doz.	Pr. 100
Per 1000, \$5.00.....	\$.10	\$.85
Large bulbs, per 1000, \$10.00.....	.20	1.50
Barry's Yellow: a primrose or light yellow freesia, orange outside; quite new and pretty .....	.50	3.50
Excelsior: giant flowered Refracta Alba; a new fine freesia of extra size; French stock Scarlet: not a true Freesia and different in habit entirely. Blooms in June; dwarf; rosy carmine color, with dark crimson spot on three lower petals (December delivery)....	.15	1.00

NEW YELLOW FREESIA: a clear deep yellow all over; exceptionally fragrant and very beautiful. This is a true Freesia, the result of years of hybridizing and selecting. Absolutely new. 15c each..... 1.25 9.00

IXIAS (African Corn Lily)

	Per 1000	Pr. Doz.	Per 100
Splendid Mixture of all varieties.....	\$6.00	\$.15	\$.75
Special Mixture .....	.25	1.50	
10 Sorts Named; ten of the best distinct varieties. Named only in lots of 50 or over..	.25	1.50	

MUSCARI

(Doz. price is postpaid; 100 weigh 3 lbs.)

Feathered Hyacinths (M. Plumosus): bears plume-like, graceful spikes, 4 to 12 inches high, purple in color.....	.20	1.25
Grape Hyacinths: this has a tall truss of round flowers; excellent for planting in the grass, tall border or around shrubs.		
Blue .....	.15	.90
White .....	.15	1.00

ORNITHOGALUM

(Weight 1 lb. per doz.; 8 lbs. per 100.)

Star of Bethlehem (Umbellatum): bears profusely star-shaped flowers; white, outside striped green. An old-time favorite of the easiest culture; very showy; a good border flower. Per 1000, \$7.50.....	.15	.85
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OXALIS

(Prices are postpaid.)

Charming little half-trailing or bushy plants adapted for pot culture, hanging baskets and borders. The foliage alone is very attractive. They flower all spring and summer.		
Bermuda Buttercup: pure bright yellow....	\$.25	\$1.75
The Grand Duchess type is a California variety of dwarf, sturdy growth, with fine, large flowers; very free flowering.		
Grand Duchess: white .....	.25	1.75
" " pink .....	.25	1.75
" " lavender .....	.25	1.75
" " mixed .....	.25	1.75
Mixture of all varieties.....	.25	1.75

Gladiolus

Pr. Doz. Pr. 100

The Bride: ready in September. Pure white, very early; good to force.....	\$.25	\$1.75
The Duke: large flowered; light pink and whitish; fine fresh color.....	.45	3.00
Early Flowering, Mixed: this has, besides the above, many pink and red shades, with a blotch at the base of each petal.....	.25	1.50

LATE GLADIOLUS WE CAN RECOMMEND.

America: late flowering sort, of a soft, even pink color; flowers are large and stems are strong. 5c each.....	.35	2.50
Niagara: a wonderful yellow; perfect form.....	.12c each	1.25 8.00
Liebesfeuer: flame color; very fine variety.....	.25c each	2.50
Panama: a deeper pink America and very fine .....	.10c each	.90 5.00
Collection of 3 each of 4 above late varieties, and every one a grand sort, for \$1.25. (Postage additional, 10c.)		

Miscellaneous Bulbs and Flowering Roots—Continued

RANUNCULUS

(Prices are postpaid.)

These make very double flowers about 9 inches high and go well with Anemones in the garden. Ranunculus come in a wide range of attractive colors; bright shades of crimson, purple, black, yellow, white. The bulbs have curious finger-like projections which should be planted pointing down, also soak the bulbs in water over night. Plant in a cool, partly shaded position. Our collection of named Ranunculus gives the very colors you may have wanted for a place in your garden.

	Per Doz.	Per 100
Black: very double and nearly black.....	\$.30	\$1.75
Hercules: giant white.....	.35	2.00
Jaune Supreme: yellow.....	.35	2.00
Mont Blanc: white.....	.30	1.75
Romano: bright scarlet.....	.30	1.75
Rosalie: fine light flesh pink, lighter center.....	.30	1.75
Souci Dore: brownish orange.....	.30	1.75
Striped: yellow lightly striped with red, called Prince de Galitzen.....	.30	1.75
Viridiflora: green as can be with bright red edge. Much admired at the florist's.....	.30	1.75
French Mixed: fine large, loosely double flowers, very vigorous growers, in gorgeous colors.....	\$.7.00	per 1000
Persian Mixed: very double rose-shaped flowers.....	.20	1.00
Turban Mixed: double peony-shaped flowers in many bright colors.....	.20	1.00
Morse's Mixed: grow these in rich soil and see how fine they really are.....	.35	2.00

LILY OF THE VALLEY

We shall make no importation this year on account of war conditions and restrictions.

SCILLA

(Prices per doz. are postpaid. 100 weigh 3 lbs.)

	Per Doz.	Per 100
Scilla Siberica: exquisite blue and extremely early; adapted for edging and for growing with Crocus. These look well also as a background to a bed of hyacinths or other bulbs.....	\$.25	\$1.75
Campanulata Blue: beautiful bright blue bell-shaped flowers on stems about 12 inches high. Make a fine edging to a Tulip bed.....	.25	1.75
Campanulata White: a companion to the above. Leave these Scillas in the dry ground over the summer, for they are much more vigorous the second year.....	.25	1.75

SNOWDROPS

(Prices are postpaid.)

Nothing is more beautiful than these little modest flowers, appearing in earliest spring. If dotted throughout the lawn, the effect is most charming, or grown in a bed where they can be left undisturbed from year to year they will make a fine showing and may be used as a cut flower. Many confound these with the Snowflake, which has a different shaped flower.

	Per Doz.	Per 100
Single Flowering.....	\$.20	\$1.25
Double Flowering.....	.30	2.00

SNOWFLAKE

(Weight 1 lb. per doz. 100 weigh 5 lbs.)

Leucojum Vernum: very early and fine for cutting, 15 to 18 inches tall; flowers white with green tip; pendant; all six petals are of equal length in Snowflake and uneven in Snowdrops. Extra strong. Especially satisfactory in the garden, lasting for year. Plant freely. .25c doz., \$1.50 per 100, \$12.50 per 1000

SPARAXIS

(Price is postpaid.)

Beautiful flowers borne on long graceful spikes; the colors are of the most telling combinations and of the brightest shades. They are tigered, blotched, spotted, streaked and flushed in the most diverse and pleasing manner. Sparaxis is hardy and long in bloom. Most satisfactory in a garden.

Mixed colors.....15c per doz.; 85c per 100

SPIREA

(Weight 1 1/4 lbs. each, 14 lbs. per doz. For December delivery.)

While these can be used for outdoor planting, where they will bloom during the summer, their great value is as a house plant.

Ceres: Arendsi type: this is a new Spirea, the result of hybridization. It has beautiful feathery panicles of a bright rosy lilac color; height 3 feet.....

.....50c each; \$5.00 per doz.

Gladstone (Hybrid Astilboides): the best of all the Spireas, bearing snow-white plumes in great profusion.....50c each; \$5.00 per doz.



Ranunculus

TRITELEYA

(Price is postpaid.)

Spring Star Flower (Uniflora): a dwarf little plant growing only 6 inches high and very suitable for borders and edging. The flowers are a delicate blue white, about 1 inch across. These do not have to be replanted, as they are hardy and perennial, lasting for years. A pretty little flower.....15c per doz.; 75c per 100

TUBEROSES

(Weight 1 1/2 lbs. per doz., 15 lbs. per 100. For February delivery.)

The flowers grow on stems 18 inches high, each stem bearing a dozen or more flowers. They are pure white, waxlike, and very fragrant. Tuberoses do best in a warm sheltered location.

Double Dwarf Pearl.....40c per doz.; \$3.00 per 100

WATSONIAS

(Weight 1 1/2 lbs. per doz., 12 lbs. per 100. Extra size 4 lbs. per doz.)

Pure White: These resemble the gladiolus in general appearance. They have tall spikes with many pure white flowers coming in two ranks. These do not all open at once, so that a spike will last over a week as a cut flower. Bloom comes last of May. Bulbs remain for years; very satisfactory in every way.....40c per doz.; \$2.50 per 100

Deep Pink: Handsome pink Watsonias.....50c per doz.; \$3.50 per 100

Morse's Grand Prize Sweet Peas

At the Great Panama International Exposition we were awarded the Grand Prize—Highest Possible Award—for our Exhibit of Spencer Sweet Peas, grown in our Exhibition Garden.

THREE NEW SUPERB SPENCERS INTRODUCED NOW FOR THE FIRST TIME.



New Duplex Sweet Pea Culebra

SCINTILLATOR: this new Sweet Pea dates from the P. P. I. Exposition. We exhibited Scintillator at the exhibit of the American Sweet Pea Society at the Exposition and it was given an Award of Merit, but we did not have seed enough to introduce until now. Scintillator is lightly and delicately striped orange-pink on a background which is cream colored. The standard is a little deeper than the wings and the keel is also lightly striped. In sunlight and under artificial light the effect is truly beautiful. The flowers are a great size and standard is bold; it stands well and is prettily waved. Many people who do not ordinarily care for striped Sweet Peas have a most pleasant surprise awaiting them when they see Scintillator in flower. Its name is taken from the flashing rays of light which its own coloring and brightness suggests. **Packet of 30 seeds, 25c.**

HENRIETTA: this is another charming variety on which we have been working for over five years. The variety showed great merit from the first, but it would not seed. Visitors to our Trial Grounds picked Henrietta out on account of its exceedingly pleasing pink color and large double flowers. The flowers are so very double that more than one remarked that they looked more like pink roses than Sweet Peas. The color of this charming variety is a beautiful light pink on a cream ground, or, in other words, a flesh pink. The flowers are frilled and are of enormous size, and because they are so double it takes but a few sprays to make a bouquet. There is nothing finer for dainty table decorations, corsage bouquets, or exhibition. **Packet of 25 seeds, 25c.**

CULEBRA: here is another entirely new variety introduced from our famous Seed Farms. Even where grown in the field, many of the standards measured 2 1/4 inches across, which is an unusually large size. The flowers are duplex and look like rosettes quite as much as Sweet Peas.

Culebra is of light blue tone, being white, delicately striped and flaked pale blue and mauve. It is just the color which reminds one of the shadow lights in the Culebra Cut of the Panama Canal, for which it was named.

This new variety commands admiration, especially when grown with fertilizing and care. Out of the many hundreds of varieties exhibited at the Trial Grounds of the British National Sweet Pea Society, their committee picked out Culebra for an award. **Packet of 25 seeds, 25c.**

Morse's Sweet Pea Collections

(All packets are full sized and separate)

MORSE'S \$1.00 "GRAND PRIZE" COLLECTION

Fifteen of the best Spencer varieties, including 1 packet of our 1918 novelty, Scintillator. The list is

Dobbie's Cream	George Herbert	King White	New Miriam Beaver
Dobbie's Lavender	George Herbert	Hercules	Rosabelle
Herbert	Illuminator	Margaret Atlee	Royal Purple
Elfrida Pearson	King Edward Spencer	New Margaret Madison	Scintillator, 1918 novelty

MORSE'S "MEDAL OF HONOR" COLLECTION, 75c

Barbara, best salmon	Constance Hinton	Mrs. Hugh Dickson	Thomas Stevenson, orange
Blue Picotee	Henrietta, 1918 novelty	King Edward Spencer	R. F. Felton, best lavender

MORSE'S "GOLD MEDAL" SPENCER COLLECTION, 25c

Royal Purple, best purple	New Miriam Beaver, flesh	King White, best white	Rosabelle, rose crimson
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MORSE'S EXTRAORDINARY SPENCER COLLECTION

35 Varieties for \$2.50, including our 3 novelties for 1918.

Agricola, white flushed heliotrope	Gaiety Spencer, fine rose stripe	Mrs. Cuthbertson, rose bicolor
America Spencer, best red stripe	Geo. Herbert, best rose crimson	Mrs. C. W. Breamore, rose edged
Bertrand Deal Imp, large rosy lilac	Henrietta, 1918 novelty	Mrs. Hugh Dickson, cream pink
Blue Picotee, best blue edged	Illuminator, beautiful salmon orange	Nubian, best maroon
Clara Curtis, large cream	Jessie Cuthbertson Spencer	R. F. Felton, best lavender
Culebra, 1918 novelty	King Edward Spencer, best red	Rosabelle, best bright rose
Dainty Spencer, best pink edged	King White, best white	Royal Purple, best purple
Dobbie's Cream, best cream	Margaret Atlee, cream pink	Scintillator, 1918 novelty
Dobbie's Lavender Geo. Herbert, very fine blue lavender	Marie Corelli, bright rose	Senator Spencer
Elfrida Pearson, best pale pink	Marks Tey, purple maroon	Stirling Stent, best salmon
Flora Norton Spencer, very fine blue	New Margaret Madison	Thomas Stevenson, orange
	New Miriam Beaver, flesh	Wedgwood, best blue

Morse's New Early Flowering Long Season Spencer Sweet Peas

Wonderful Novelties for 1918. Plant in Fall. Flowers Six Weeks Ahead.

There is no doubt but that this new type of Sweet Peas, put out last year for the first time by Morse & Co., fills a distinct want. Not everybody is fortunate enough to live where Sweet Peas will flourish, and, strange as it may seem, this new class of Sweet Peas is useful, both where the seasons are too hot for Sweet Peas ordinarily, and too cold. Morse's Early Flowering Long Season Spencer Sweet Peas will flower well in central and southern California, in Arizona, Texas and the South, also in the Hawaiian Islands, the Philippines, and the Orient, and are the best varieties for greenhouse forcing everywhere. In climates which are cold and where frosts come early, these same Sweet Peas, by taking less time to come into flower, will give a month more bloom than the ordinary late varieties.

These Sweet Peas are entirely new and this year we are introducing a number of varieties of additional colors of this same strain. They were all developed by us and are here introduced for the first time.

Seed planted in early September in San Francisco will produce flowers about Christmas time. Seed planted in October and November will have fine large flowers in February and March.

We do not mean that these New Early Sweet Peas should take the place of the magnificent Late Flowering Spencers, but they are an addition to the garden of those who wish flowers early and late. If you have friends in the Orient, Hawaiian Islands or elsewhere where these Sweet Peas flourish, why not send them six or more packets, which would be a most acceptable Christmas gift.

Make your own collection of the varieties you like: 6 or more packets of Morse's New Early Flowering Long Season Spencer Sweet Peas, your selection of varieties at a discount of 15 per cent.

Collection of the twelve varieties, all new this year and last,
for \$2.00.

Introduced in 1917:

EARLY MELODY. A deeper shade of pink than Early Song Bird; a good pink closely resembling Countess Spencer. The flowers are borne on long stems and mostly four large, well-waved blossoms to each stem. Pkt. 15c.

EARLY HEATHER BELL. The color is a rich and pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender. Pkt. 15c.

EARLY MORNING STAR: Quite the most striking in color of the varieties introduced last year. Morning Star is practically the same color as the much-admired Thomas Stevenson; that is, a deep orange scarlet or plain color in the standard and orange pink in the wings. Pkt. 20c.

EARLY SNOW FLAKE. As its name indicates, this is pure white and is quite the best early flowering White Spencer. Flowers come on long stems. This variety is appreciated by all florists. Pkt. 20c.

EARLY SONG BIRD. A splendid light pink, the color of "Florence Morse Spencer." This is one of the very popular colors with all Sweet Pea raisers, and this variety has flowers splendidly shaped and placed. Pkt. 15c.

EARLY SPRING MAID. Like our other Early Flowering Spencers, this carries a great wealth of blossoms borne in fours on long stems. The color is light flesh pink, about like Mrs. Hugh Dickson. Pkt. 15c.

New varieties introduced now:

EARLY LIBERTY. Nothing yet introduced has approached this deep sun-proof crimson or blood red. It is the color of "King Edward Spencer." Florists have wanted this shade. The vines are vigorous and bear quantities of fine large flowers. Pkt. 25c.



Early Meadow Lark

These Novelty Sweet Peas are all true Spencer type.

New Early Flowering Long Season Spencer Sweet Peas—Continued

EARLY MEADOW LARK. A deep, rich cream Sweet Pea. Many of the flowers are duplex and are well waved, and come in threes and fours on strong vines, as do the other varieties we are now introducing. **Pkt. 25c.**

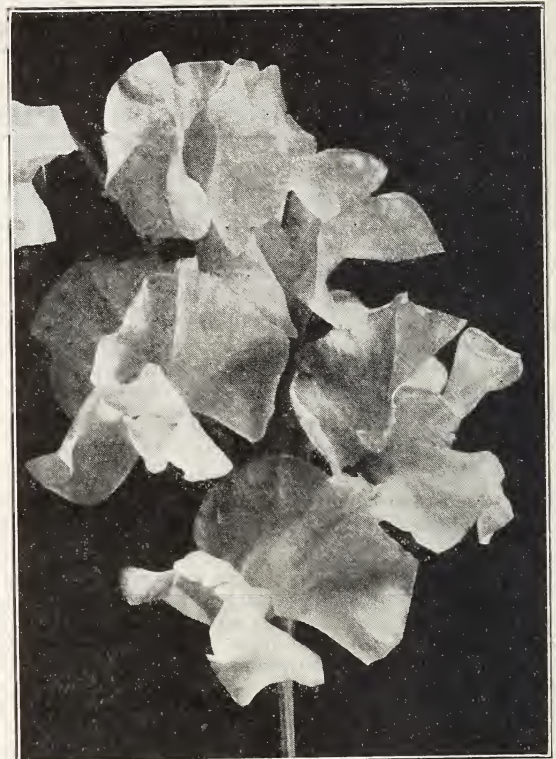
EARLY RED WING. A rich crimson magenta. The color purples with age out of doors in hot weather, but under glass is bright and clear. **Pkt. 25c.**

EARLY SONGSTER. A splendid lavender, the color of "Masterpiece," and quite the best lavender. The flowers have less mauve than in our well-known variety "Asta Ohn." They are of perfect form. **Pkt. 25c.**

EARLY SUNSET. A pastel shade of great beauty, especially when grown under glass. The color is a rich mauve pink on a white ground. **Pkt. 25c.**

EARLY WARBLER. Most people who have visited our workshop considered that in Early Warbler we had a gem for the florists and amateur growers. The color is rich mauve purple, somewhat similar to the late flowering variety "Tennant Spencer." The flowers are extra large and beautiful in form. **Pkt. 25c.**

Collection of one packet each of the above twelve varieties, \$2.00.



Our 1918 Novelty, Scintillator—See page 16.

General List of Morse's "Grand Prize" Sweet Peas

Abbreviations: G means Grandiflora; SPENCERS are printed in black face capital letters.

NOTE: We have revised our list to bring it up to date and possibly in doing so have omitted some well-known favorites. We shall be only too glad to advise customers of the new varieties which are improvements on any name which is now omitted. Our limited space will not allow any adequate description, only a brief mention of the color.

	Pkt.	Oz.
AFTERGLOW—Violet blue, shading to rosy amethyst. Requires shading.....	\$.15	....
AGRICOLA—Pale pinkish heliotrope flushed over a white ground.....	.15	....
AMERICA SPENCER—Red striped.....	.10	\$.35
APPLE BLOSSOM SPENCER—Standard rose, wings primrose.....	.10	.35
ASTA OHN—Soft pinkish lavender.....	.10	.35
AURORA SPENCER—Rose or pink striped..	.10	.50
BERTRAND DEAL (Improved)—Large rosy lilac of great vigor.....	.10	.50
BLANCHE FERRY SPENCER—Rose standard and wings white, suffused and tinted with light pink.....	.10	.50
BLUE PICOTEE—White with narrow edging of blue.....	.15	....
CAPTAIN OF THE BLUES, or WAVERLEY SPENCER—Pure purple.....	.10	.35
CHAS. FOSTER—General effect mauve pink; very pretty when shaded.....	.15	.60
CLARA CURTIS—Extra fine cream.....	.10	.50
CONSTANCE HINTON—Probably the largest White Spencer; slight tint of pink when young.....	.15	....
CONSTANCE OLIVER—Cream ground, beautifully suffused with pale orange pink.....	.10	.35
COUNTESS SPENCER—The original giant flowered Spencer, with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self-colored; still one of the best Sweet Peas of today	.10	.35

	Pkt.	Oz.
DAINTY SPENCER—Beautiful picotee edge of rose pink on white.....	.10	\$.35
DOBBIE'S CREAM—Large and fine; deep cream.....	.10	....
DOBBIE'S LAVENDER GEORGE HERBERT—Fine lavender Sweet Pea; color bluish lavender after standing in water.....	.10	.50
DORIS USHER—Large salmon pink on cream ground. A beautiful pink for exhibition and garden work.....	.15	.50
Dorothy Eckford (G)—Best grandiflora white. Per ¼ lb., 50c.....	.05	.20
ELFRIDA PEARSON—Giant pale pink on white ground; plants exceptionally vigorous; most useful pink for decoration and exhibition.....	.10	.50
ETHEL ROOSEVELT—Pink stripes on buff..	.10	.35
ETTA DYKE—A beautiful white of best Spencer form.....	.10	.50
FLORA NORTON SPENCER—Bright blue..	.10	.35
FLORENCE MORSE SPENCER—Nice light pink on white ground.....	.10	.35
FLORRIE—A pastel combination of magenta and purple.....	.10	.35
GAIETY SPENCER—The color is bright rose crimson, striped and splashed on ivory white. The best stripe.....	.10	.35
GEO. HERBERT—Rose crimson.....	.10	.35
HELEN LEWIS—A very large and fine orange salmon pink.....	.10	.35
HELEN PIERCE SPENCER—Ground color white, beautifully marbled and penciled with bright blue in thin lines on both wings and standard.....	.10	....
Helen Pierce (G)—Clear blue marbled on ivory white. Per ¼ lb., 50c.....	.05	.20
HERCULES—A giant clear pink, both standard and wings, vigorous vines and fine long stems; flowers extra large and fine.....	.10	.50

Morse's Grand Prize Sweet Peas—Continued

	Pkt.	Oz.		Pkt.	Oz.
Hon. Mrs. E. Kenyon (G)—Primrose. Per ¼ lb., 50c.....	.05	\$.20	NEW MIRIAM BEAVER—One of the very finest and most charming Sweet Peas. Soft shell pink on cream; large flowers and splendid form.....	.15	..
ILLUMINATOR—A glorious orange salmon Sweet Pea; is especially fine in bright or artificial light.....	.10	.50	NUBIAN—Beautiful rich deep chocolate, the best maroon.....	.10	\$.35
Janet Scott (G)—Clear pink, shading to buff. Per ¼ lb., 50c.....	.05	.20	OTHELLO SPENCER—Rich maroon.....	.10	.35
Jeannie Gordon (G)—Standard bright rose, wings primrose. Per ¼ lb., 50c.....	.05	.20	PARADISE IVORY—A good Spencer, cream with just a suggestion of pink in the newly opened blossoms.....	.10	.35
JESSIE CUTHBERTSON SPENCER—Ground color cream overlaid with stripes and marblings of bright rose pink.....	.10	.35	Phenomenal (G)—White ground shaded with blue and lavender with edge of blue. Per ¼ lb., 75c.....	.10	.25
JOHN INGMAN—Rose crimson.....	.10	.35	Prima Donna (G)—Clear pink, hooded form. Per ¼ lb., 50c.....	.05	.20
King Edward VII (G)—Pure red. Per ¼ lb., 50c.....	.05	.20	PRIMROSE SPENCER—Clear primrose.....	.10	.50
KING EDWARD SPENCER—The best pure red Spencer.....	.10	.35	Prince of Wales (G)—Clear rose crimson. Per ¼ lb., 50c.....	.05	.20
KING WHITE—The largest and best white Spencer Sweet Pea; a beautiful pure white. Lady Grisel Hamilton (G)—Soft lavender. Per ¼ lb., 50c.....	.05	.20	PRINCESS VICTORIA—White ground, flushed with lovely shade of pink.....	.10	.35
Lord Nelson, or Brilliant Blue (G)—The best dark blue. Per ¼ lb., 50c.....	.05	.20	Queen Alexandra (G)—Per ¼ lb., 50c.....	.05	.20
Lovely (G)—Deep pink shading. ¼ lb., 50c.....	.05	.20	QUEEN VICTORIA SPENCER—Opens with blush tint, then turns clear primrose; black-seeded.....	.10	.35
Lottie Eckford (G)—White edged lilac. Per ¼ lb., 50c.....	.05	.20	R. F. FELTON—Very large and beautiful lilac lavender, wings suffused French gray	.15	..
LOYALTY—Large and vigorous dark blue stripe.....	.10	.50	ROSABELLE—Very large and beautiful bright rose crimson.....	.15	.50
MARGARET ATLEE—Most beautiful deep cream pink Sweet Pea. Color is warm salmon pink, perfectly suffused over a cream ground. Flowers very large and borne on long stems.....	.10	.35	ROYAL PURPLE—Rich Royal Purple, strong grower with beautifully formed flowers, extra long stems. A remarkable pea....	.10	..
MARKS TEY—Large rosy maroon, wings bluish mauve.....	.10	..	St. George (G)—Flame color.....	.10	.35
MARIE CORELLI—A bright glowing crimson.....	.10	.35	SENATOR SPENCER—Chocolate striped on white.....	.10	.35
MARTHA WASHINGTON—White ground, margined with bright pink.....	.10	.35	STIRLING STENT—Glorious deep salmon suffused with orange; must be shaded to get true color.....	.10	.50
MASTERPIECE—A splendid lavender Spencer, slightly tinted mauve.....	.10	..	SUNPROOF CRIMSON—A grand crimson Spencer.....	.10	.50
MAUD HOLMES—Rich crimson Spencer.....	.10	.35	TENNANT SPENCER—The color is a curious purplish mauve.....	.10	.35
Miss Willmott (G)—Bright orange pink. Per ¼ lb., 50c.....	.05	.20	THOMAS STEVENSON—Brilliant orange scarlet; standard has more orange than wings. Flowers splendid form and vines very vigorous. Should be shaded to get best color.....	.10	.50
MRS. C. W. BREADMORE—Creamy buff ground, beautifully edged with rose pink. One of the best varieties.....	.10	.35	VEILED BRIDE—Ground color white, daintily flaked and marbled with soft rose pink, a charming flower.....	.10	.50
MRS. CUTHBERTSON—One of the most pleasing Sweet Peas. Standard clear rose pink, wings white with faint flushing of pale rose pink.....	.10	.50	VERMILION BRILLIANT—A brilliant Scarlet Spencer.....	.10	..
MRS. HUGH DICKSON—The best cream pink Sweet Pea.....	.10	.35	WEDGWOOD (Morse's Strain)—Morse's Strain has been pronounced the best blue Spencer there is.....	.10	.35
MRS. ROUTHAN—Straw color, tinted with bluish pink.....	.10	.35	WHITE SPENCER—Morse's re-selected, pure white.....	.10	.50
MRS. SANKEY SPENCER—A large black-seeded white.....	.10	.35	W. T. HUTCHINS—Soft buff primrose and blush, shading to apricot pink at the margin. Flowers large and wavy; a splendid variety.....	.10	.35
MRS. TOWNSEND—White ground, edged pale blue, large size and splendid form.....	.15	.50	ZEPHYR—A splendid large silvery blue self	.10	.50
NEW MARGARET MADISON—A greatly improved strain of the popular light azure blue or lavender Sweet Pea; blossoms large and good stems.....	.10	.50			

Morse's Sweet Pea Mixtures

To those who are going to make Sweet Peas their hobby and who intend growing the flowers for the love of them, we would strongly advise the purchasing of separate varieties. For the convenience, however, of those who wish large quantities of bloom, both for cutting and garden effect, we have carefully made up the following mixtures:

MORSE'S SUPERB SPENCER MIXTURE

This mixture is made up from our carefully prepared formula. It contains practically all the true Spencer varieties introduced to date. Great attention is given to secure a beautiful light mixture and yet include all shades nicely balanced and proportioned.

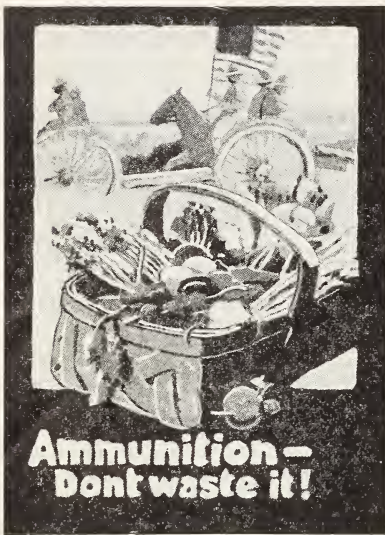
To make a better mixture of Sweet Peas than Morse's "Superb" would be impossible. Per packet, 10c; oz., 30c; ¼ lb., 85c; 1 lb., \$2.50.

BEST LARGE FLOWERING MIXTURE OF GRANDIFLORAS

This is the best possible mixture that can be made from existing Grandiflora or Eckford varieties. Per packet, 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

MORSE'S SWEET PEAS WERE AWARDED THE GRAND PRIZE, P. P. I. E., 1915

We issue a Special Sweet Pea Booklet entitled "Sweet Pea Culture" in which we give complete detailed cultural directions. We mail this free to anyone requesting it.



**Ammunition—
Don't waste it!**

FALL PLANTING

Fellow Citizens:

"He also Fights who

The food supply of this country must be kept at the highest level. There is nothing else more important, and those who can help directly in no other way can "do their bit" by planting gardens and raising vegetables. President Wilson is ordering that millions more of acres be planted to wheat and other cereals. Food is the important question for every nation. No one knows what the prices of food products will be next year, or if, indeed, they can be had at any price.

In California, for the most part, we have a mild winter climate—vegetables thrive here at all seasons, and "seed time and harvest" follow each other without intermission. Many vegetables thrive best in the cool, wet months; and others get a deep root system established

Since the world's supply of seed of practically every known vegetable is short on account of poor crops, we earnestly urge all of our readers to order their seed early and liberally. There cannot possibly be enough this coming season for everybody who wants to plant a garden.

BEETS

Sow in rows 12 to 18 in. apart and thin by using the small beets for greens until they stand 3 to 4 in. in the row; 5 lbs. required to sow 1 acre.

Detroit Dark Red: an extra fine beet, and the one we recommend for all garden purposes; globe-shaped; bright but rich red flesh; tops small and green. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

Extra Early Blood Turnip: a good variety for summer and autumn use; is turnip-shaped, with bright red flesh, showing zones. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.65.

Morse's Improved Blood Turnip. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

Morse's Improved Globe: a new globe beet, early and delicious for table. Color is vermilion throughout, which is retained after being cooked. This variety has dark green leaves and very smooth roots of exceptionally fine texture. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50.



CROSBY'S
EGYPTIAN
BEET

CABBAGE

Seed usually sown in beds and plants later set out. In gardens have rows 24 to 30 in. apart, plants 15 to 18 in. in row; in fields rows should be 30 to 36 in. apart; 2 to 3 ozs gives plants for 1 acre.

Early Jersey Wakefield: early, hardy and good quality; pointed heads. Pkt. 5c, oz. 40c, ¼ lb. \$1.10, lb. \$3.75.

Early Winnigstadt: extra early small pointed head cabbage. Pkt. 5c, oz. 40c, ¼ lb. \$1.10, lb. \$3.75.

Copenhagen Market: an extra fine cabbage for all conditions; its heading qualities are sure, quality the best. We recommend this cabbage. Medium small heads; early. Pkt. 10c, ½ oz. 35c, oz. 60c, 2 ozs. \$1.00, ¼ lb. \$1.80, lb. \$6.00.

Early Dwarf Flat Dutch: a good flat-headed variety. Pkt. 5c, oz. 35c, ¼ lb. \$1.00, lb. \$3.50.

Premium Late Flat Dutch: a well-known, large, late variety; flattish round heads, very solid and firm; has rather tall, stout stem. Pkt. 5c, oz. 35c, ¼ lb. \$1.00, lb. \$3.25.

CAULIFLOWER

Culture same as for cabbage. Best cauliflowers come from fall planting. Plant early varieties to head in spring and California Wonder to head in summer.

Early Snowball: the very earliest, finest grained sort; sure heading in winter and spring. Pkt. 25c, ¼ oz. 80c, oz. \$2.50, ¼ lb. \$8.00.

Snowball: an early variety with short leaves and fine white heads; about a week later than Early Snowball and preferable for late spring and early summer heads. Pkt. 10c, oz. \$2.75, ¼ lb. \$7.00.

California Wonder: this Cauliflower does well in this climate, always heading with large, solid heads; leaves large and long and may be tied over the head for protection; late and of fine quality. Pkt. 10c, ¼ oz. 40c, oz. \$1.25, ¼ lb. \$4.00.

CARROTS

Good, sandy loam is best adapted for carrots of all varieties. The shorter varieties, however, can be sown on heavier lands, with good results. Two or three pounds per acre for rows 16 to 18 inches apart.

Chantenay, or Model. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

Danver's Half-Long: the best variety for general purposes and the most largely used, not only for stock raising but for table use as well; the perfect type is about 8 inches long and about 2½ inches wide at the shoulder, tapering to a sort of half-point at the bottom; color is a bright orange-scarlet; it is a very heavy cropper. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

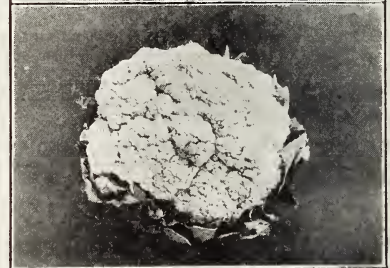
French Forcing: a very popular variety for forcing; root is globe-shaped, with distinct tap root; color bright orange scarlet. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

Long Orange. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.65.

Orlando or Guerande. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.



CARROT
OXHEART



Late Flat Dutch Cabbage. Snowball Cauliflower

OF VEGETABLES

Helps a Fighter Fight"

(H. Hoover)

which send them shooting upward with the coming of warm spring days.

We believe we have superior vegetable seeds. We have given every care to their raising on our own large seed farms, and we want you to have confidence too in Morse's Seed.

But chiefly we want you, if you established a garden this past year, to keep it up; and if you had no garden we urge you to make one if you have any ground at all.

The more that is planted the more will be harvested, and the country needs more food.

Below are vegetables for fall planting.

B. C. Morse & Co.,

Prices are postpaid to the 4th Zone on all except Peas in 100-lb. lots. All previous prices are cancelled. Write for quotations on large lots and varieties not given here.



ENDIVE

A salad vegetable which is becoming very valuable for winter use. The seed should be sown in 18-inch rows, and thinned to about 6 inches apart. When quite well grown the outer leaves should be tied, thus blanching the inner leaves and the heart. It is better and sweeter after frost.

Broad-Leaved Batavian or Escarole: the variety having wide, thick leaves, straight at the edges and curved toward the center; color dull green. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

Green Curled: has very curly leaves; mid-rib white and whitish; outer edges much indented and crested. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

KALE, OR BORECOLE

A species of cabbage, forming a mass of leaves, which are cooked as greens. The seed should be planted in September and the plants will be ready to use in the winter. It is hardy and will withstand frost and snow. Culture the same as cabbage.

Green Curled Scotch, Tall: grows about 2½ feet high; is very curly and makes a beautiful plant; quality is the best. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 85c.

Jersey Kale or Thousand Headed: a tall variety, especially used for feeding chickens; furnishes lots of green feed; pull the side leaves off and the plant grows to 8 feet or more. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

LETTUCE

This delicious vegetable is suited for all-the-year-round planting. Give plenty of room to plants if you want them to head. Lettuce comes in several types: "butter-head," curled or crisp; bunching or non-heading; Cos or celery type. May be cooked as a vegetable or used as a salad. Morse's Lettuce is famous the world over among seedsmen. Put rows 15 to 18 inches apart; 4 lbs. to an acre.

Big Boston: fine thin-leaved butter-head lettuce; very popular and delicious. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

Black Seeded Simpson: no definite head; leaves are yellow green and exquisitely tender. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Hanson: extra large crisp heading type; light green in color. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

Los Angeles: medium size, dark green, crisp lettuce; exceedingly popular. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

May King: early maturing butter-head lettuce. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

White Paris Cos: tall, narrow leaves; has a distinct flavor. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.



Lettuce Los Angeles

for early onions. Put your rows 14 inches apart and bulbs 4 to 5 inches in the row. Our onion seed is strictly the best. Sow 4 lbs. per acre.

Australian Brown: especially noted as a long-keeping sort; very hard bulb; good yielder and standard on S. F. markets. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

California Early Red: very early; mild flavor; not a good keeper for late markets; heavy yielder and popular. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

Prizetaker: mild, large yellow; will not keep. Pkt. 5c, oz. 30c, ¼ lb. 90c, lb. \$3.00.

White Portugal: snow-white flat onion; best white sort. Pkt. 5c, oz. 40c, ¼ lb. \$1.20, lb. \$4.

Yellow Danvers: bright yellow flat onion; standard on the S. F. market; a good keeper and heavy yielder. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

Yellow Globe Danvers: like Yellow Danvers, only globe in shape. Pkt. 5c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

ONION SEED

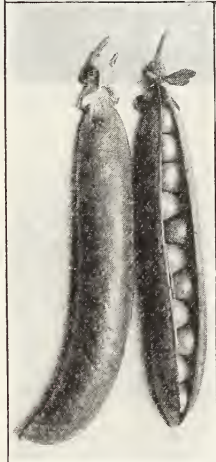
The two essentials for successful onion raising are early winter planting and good seed. California Early Red is largely planted in July and August



Onions Raised in Testing Our Seeds

Vegetable Seeds for Fall Planting—Continued

Parsley



Peas

Prickly: the variety commonly used for market in California. Is very hardy and easily grown; bears large, smooth leaves, which are shaped like an arrow point; color bright green; seed irregular, with three or four sharp points; a fine winter and spring variety. We are growing the true stock. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

PARSLEY

Used for garnishing dishes of meat, or cooked in soups. A few plants in the garden will yield sufficient for a family, providing the leaves are cut often and the plant not allowed to seed. Sow the seed in drills, using one-fourth of an ounce to 100 feet. Soak the seed 4 hours before planting.

Double Curled: deep, rich green, and by many preferred to the extremely curly varieties. Pkt. 5c., oz. 15c, ¼ lb. 40c, lb. \$1.25.

Extra Triple Curled: very finely curled variety of dark green color; one of the best varieties for all purposes. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

MORSE'S PEAS

Peas are quite hardy and for very early markets can be planted in the fall in protected places, and ripe peas can be had in February. They require moderately rich soil, but not excessively rich or wet, or they will run too much to vine and do not bear heavily. The seed needs to be planted thick, using from 80 to 150 pounds per acre for seed or vegetable crop, or one pound for 100 feet of row. Sow in 12 to 18 in. rows for dwarf and 3 ft. rows for tall.

Alaska, or Earliest of All: a smooth pea, well suited for extra early planting; vine 2½ feet high; pods small; peas not sweet; will not rot in cold, wet ground. Pkt. 10c, lb. 35c, 10 lbs. \$2.70, 100 lbs. \$22.00.

American Wonder: extremely early and dwarf pea; pods small but excellent. Pkt. 10c, lb. 35c, 10 lbs. \$3.00, 100 lbs. \$24.00.

Blue Bantam: a grand new pea; medium dwarf; large pods, early; has all the virtues. Pkt. 15c, lb. 40c, 10 lbs. \$3.50, 100 lbs. \$30.00.

Little Marvel: dwarf, early pea, which is wonderfully prolific. Pkt. 10c, lb. 40c, 10 lbs. \$3.50, 100 lbs. \$30.00.

Gradus, or Prosperity: has the finest flavored peas of all; tall, light vine; matures early; peas and pods large size. Pkt. 10c, lb. 35c, 10 lbs. \$3.00, 100 lbs. \$25.00.

Thomas Laxton: a fine, early tall variety, similar to Gradus but more hardy and not quite so early. It is also a little darker in color and has large blunt pods that fill well; peas of finest quality. Pkt. 10c, lb. 35c, 10 lbs. \$3.00, 100 lbs. \$25.00.

Senator: Senator is literally loaded with large slightly curved pods, always well filled; peas medium sized and of splendid quality; medium early. This pea is a most excellent one for the home garden on account of its extra prolificness and good quality. Pkt. 10c, lb. 35c, 10 lbs. \$2.70, 100 lbs. \$22.00.

Stratagem Morse's Selected: a semi-dwarf late variety, with large leaves and large dark pods. Prices—re-selected strain: Pkt. 10c, lb. 30c, 10 lbs. \$2.50, 100 lbs. \$22.00.

Telephone: is tall and large; wrinkled peas of remarkably fine quality; a popular home garden and market variety; large pods. We have an especially fine, pure stock this year. Pkt. 10c, lb. 35c, 10 lbs. \$3.00, 100 lbs. \$24.00.

SPINACH

A delicious "greens" vegetable. Should be sown in the Fall where it is to remain. Sow 8 lbs. per acre, 1 ounce to 100-foot row.

Bloomdale Savoy: leaves large, round and thick; very much savoyed and rich, deep green; one of the earliest varieties. Seed round. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.75.

RADISH

Light, well-worked soil is the best for radishes. Force them to grow quickly to make tender roots. Plant frequently and do not let the young plants overcrowd each other; winter radishes never get pithy. Sow 1 oz. to 100 feet of row, 10 lbs. per acre.

Chinese White Winter or Celestial: keeps firm and crisp until it runs to seed; is a good cooking variety, and when cooked the flavor resembles turnip. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.35.

Crimson Giant Forcing: never gets pithy; large, late and red. Pkt. 5c, oz. 15, ¼ lb. 45c, lb. \$1.35.

Half Long, or Olive Shaped: the usual half-long variety seen in the market; remains solid longer. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.35.

Icele: a handsome white variety, about 5 inches long, with sloping top and pointed root; solid, quick growing, brittle and mild in flavor. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

Long Black Spanish: a winter variety with almost black skin and white flesh; roots about 6 inches long. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

Long Scarlet: Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.35.

Scarlet Turnip White Tipped or Rosy Gem: very valuable for forcing as well as for the garden and market. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

TURNIPS

While turnips are a favorite fall and winter vegetable, they may also be had in spring by proper sowings. Sow 1 ounce of seed to 250 feet of row or 2 to 3 pounds of seed per acre.

Amber or Yellow Globe: Skin is a clear yellow; is of large size and fine flavor. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Early White Flat Dutch (Strap Leaf): A medium-sized flat variety; clear white, early, and of fine flavor; a fine table variety. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Purple Top Flat Dutch (Strap Leaf): White with purple top. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Snowball: Early, pure white; finest quality. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

Other Seeds we will gladly quote upon request.



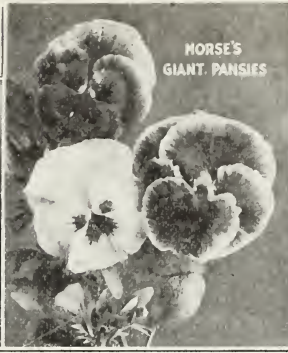
RADISHES

Crimson Giant Forcing

Long Scarlet



COLUMBINE

MORSE'S
GIANT PANSIESSWEET
WILLIAM

SCABIOSA

Hardy Perennials should be planted in the fall, as they require more time for the plants to come to flowering size than do one-year plants or annuals.

Flower Seeds that Should be Planted in Fall

Fall planting should be done much more largely than is generally supposed. If you are to have a continuous display of bloom in the garden next summer, you must start the young plants now. They will not bloom during the winter, but they will make thrifty plants, which will come into flower much earlier than if they had been sown in the spring.

Plants which will flower during the winter time are not numerous. Some of the best of these are: Calendula, often called Cape Marigold; Stocks, Cornflower, Pansies, Winter Flowering Sweet Peas, Snapdragons and Wallflowers. There are also several bulbs which bloom particularly early, namely: Narcissus, Paper White Grandiflora, Freesias and Snowflakes. These come two months before the other bulbs if they are set out early.

If annual plants are started six weeks before cold weather, they will stand winter frosts without being damaged. While it is advisable to sow hardy annuals in the fall, they may also be planted in the spring. In the interior valleys, where the summer is dry and hot, they will be much better if planted now—that is, before December.

Complete descriptions of the following may be had from our Garden Guide. If you have lost your copy which we sent this spring, we will gladly send another.

The following abbreviations are used to save space: "h." for hardy; "a." for annual; "p." for perennial; "h. h." for half hardy.

Anchusa Italica, Dropmore Variety: p., deep blue, 4 feet. Pkt. 15c.

Alyssum, Little Gem: h. a., pure white border flower. 6 inches. Pkt. 5c.

Alyssum, Common Sweet: pure white, 12 in. Pkt. 5c.

Auricula (Primula Auricula): h. h. p., Alpine Primrose; yellow or garnet, 8 inches. Pkt. 15c.

Bartonia Aurea: h. a., handsome yellow wildflower, 2 feet. Pkt. 5c.

Bellis Perennis: h. p., 6 inches. Double Mixed; English lawn daisy. Pkt. 10c.

Bellis Perennis: Longfellow; pink. Pkt. 10c. **Snowball;** white. Pkt. 10c.

Calendula: h. a., 12 inches, yellow and orange, blooms freely all winter. Pkt. 5c.

Calliopsis, Mixed: h. a., 3 feet, yellow, brown and maroon; fine cut flower. Pkt. 5c. **Golden Wave:** large golden yellow flowers. Pkt. 5c.

Carnation, Marguerite, Mixed: h. p., 18 inches; the old-fashioned fragrant sort. Pkt. 10c. **White:** Pkt. 10c. **Pink:** Pkt. 10c. **Red:** Pkt. 10c.

Centaurea, Cyanus, Bachelor's Button: h. a., 2 feet. **Blue:** Pkt. 10c. **Mixed:** Pkt. 5c.

Centaurea, Imperialis (Royal Sweet Sultan): large, fine cut flower. Pkt. 10c.

Clarkia: h. a., 2 feet; very free flowering; bedding plant. **Double:** Pkt. 5c.

Clarkia, Single Elegans Mixed: native wildflower Pkt. 5c.

Collinsia: h. a., 1 foot; California wildflower; purple and white; sow early. Pkt. 5c.

Coreopsis: h. p., 2 feet; yellow cut flower; blooms continuously. Pkt. 10c.

Columbine: h. p., 2 feet; beautiful as a cut flower or in the garden. **Chrysantha:** yellow; Pkt. 10c.

Coerulea, blue and white; Pkt. 10c.

Columbine, Long Spurred Hybrids, Mixed: Pkt. 10c.

Daisy, Shasta: h. p., 18 inches; white; cut flower or tall border. Pkt. 15c.

Dianthus, Heddwigi, Single Mixed: h. a., 8 inches. **Japanese Pink:** Pkt. 5c.

Dianthus, Heddwigi, Double Mixed: Pkt. 5c. **Lacinatus,** fringed; Pkt. 5c.

Dianthus, Plumarius (Grass Pink): h. p., 8 inches; silver leaved; excellent for borders. **Single, pink:** Pkt. 5c. **Double:** Pkt. 10c.

Eschscholtzia, California Poppy: h. a., handsome wildflower; Pkt. 5c. **Crimson:** Pkt. 10c.

Eschscholtzia, Extra Golden: deep orange. Pkt. 5c.

Digitalis (or Foxglove): h. p., 3 feet; spikes of purple, rose and white. Pkt. 5c.

Four O'Clock: h. a., 2 feet; old-fashioned trumpet-shaped flower. Pkt. 5c.

Forget-Me-Not: h. p., 1 foot. **Alpestris,** blue; Pkt. 5c.

Forget-Me-Not, Victoria: dwarf azure blue. Pkt. 10c.

Gaillardia: h. p., 2 feet; cut flower; yellow blended red. **Grandiflora:** Pkt. 5c.

Godetia: h. a., 8 inches; pink, cup-shaped flowers. **Tall sorts mixed:** Pkt. 5c.

Godetia, Schamini, Fl. Pl.: double pink; Pkt. 10c.

Amoena, wildflower; Pkt. 5c.

Gypsophila (Baby's Breath): h. a., 2 feet. **Elegans,** small white flowers, feathery foliage; Pkt. 5c. **Paniculata:** h. p.; Pkt. 5c.

Hollyhock, Double Mixed: h. p., 6 ft.; tall spikes. Pkt. 10c.

Larkspur: 2 feet; spikes of flowers. **Emperor Mixed:** Pkt. 5c. **Elatum Hybridum:** h. p., 3 ft.; blue; Pkt. 10c.

Lavatera: h. h. a., 2½ feet; large single mallow. **White:** Pkt. 15c. **Rose:** Pkt. 15c.

Linum, Scarlet Flax: h. a., 1 foot. Pkt. 5c. **Perennial, blue:** Pkt. 5c.

Lobelia: h. a., 5 inches; blue edging flower, continually in bloom; nothing makes a finer border. **Celestial,** best blue; Pkt. 15c.

Lobelia, Crystal Palace Compacta: small flowers, brownish foliage. Pkt. 10c.

Lobelia, Snowball: best white. Pkt. 15c.

Lupin: native flower; spikes, 2 ft. **Mixed, h. a.:** Pkt. 5c.

Marigold: well-known golden flowers. h. a., 2 feet.

Eldorado, large double; Pkt. 5c. **Tail French Mixed,** medium sized double; Pkt. 5c.

Nemesia: h. a., 1 foot; ought to be better known. **Blue Gem:** Pkt. 20c. **Mixed:** Pkt. 15c.

Nemophila: h. a., 6 inches; light blue wildflower, cup shaped. Pkt. 5c.

Oenothera, or Evening Primrose: h. p., 3 feet. **Lamarkiana,** large yellow. Pkt. 5c.

Pansies: h. a., 6 inches; this is by far the best time to plant pansies. **Giant Parisian,** light colors; Pkt. 15c. **Imperial Giant Strains,** giant; Pkt. 25c.

Pansies, Morse's Prize Strain: the very finest giant sorts; faced pansies, plain colors and blended sorts. **Per** pkt. 50c. Many other separate sorts; see our Garden Guide.

Pentstemon: h. p., 2 feet; spikes of trumpet-shaped flowers, mostly pinks. Pkt. 10c.

Poppy, Iceland Mixed: h. p., 1 foot; white and orange. Pkt. 10c. **Oriental:** h. p., 2 ft.; large crimson; 10c.

Scabiosa: h. a., 3 ft.; very satisfactory cut flower; cone shaped. **Double Mixed:** Pkt. 5c. **Snowball:** Pkt. 10c. **Azure Fairy:** Pkt. 10c. **Rose:** Pkt. 10c. **Caucasica,** perennial, light blue, very fine; Pkt. 10c.

Snapdragon: h. a., 2 ft.; one of the most popular flowers; many varieties are described in our Garden Guide. **Venus, pink:** Pkt. 15c. **Amber Queen,** old rose blended; Pkt. 15c. **Golden Queen:** Pkt. 10c. **Mauve Beauty:** Pkt. 20c. **The Fawn,** blended; Pkt. 15c. **White:** Pkt. 15c. **Mixed:** Pkt. 10c.

Sweet William: h. p., 2 ft.; large heads; shades of red. **Single Mixed:** Pkt. 5c.

Stocks: h. a., 18 in. flower stems covered with rosettes of bloom. **Nice Mixed:** Pkt. 15c. **Winter or Brompton Mixed:** Pkt. 20c. **Ten Weeks:** Pkt. 10c. Separate colors and full description given in our Garden Guide.

Wallflower: h. p., 1 ft.; yellow and orange shades mixed. **Double:** Pkt. 10c.

COVER CROP AND GREEN MANURE CROPS

There is no way so good to improve soils as to grow a cover crop of some leguminous plant and then to plow it under when just coming into flower, or at the time of the last spring rains. This growing of cover crops is being done very largely in the orange orchards in the South and each year more of the Northern progressive orchardists are planting Melilotus and Burr Clover in the fall and plowing it under in April or before.

For orchard work the best time to plant cover crops is in the fall, the best way to get a fine healthy growth of plants is by inoculating the seed at the time of sowing with Farmogerm. The highest returns, in nitrogen added, come from crops inoculated. Nitrogen is fertilizer when added as above, improving your soil and adding dollars to your crop. This is no experiment; it has been attested a hundred times. Even now it is only the progressive who are awake.

We give below the best winter growing cover crops for California, desirable in the order named. Be advanced and scientific and add fertility to your soil in the cheapest way by growing each year some of these crops. Prices fluctuate; 100 lb. and ton prices gladly quoted on application.

Write for prices in quantity. Lb. and 10-lb. prices below are postpaid to the 4th Zone. All prices subject to market.

Inoculate this
Seed with
FARMOGERM.



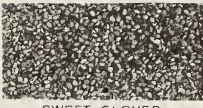
BITTER CLOVER



BURR CLOVER



SPRING VETCH



SWEET CLOVER



HAIRY VETCH



CANADA FIELD PEAS

MELILOTUS INDICA (Bitter Clover). Starts very early and makes a good growth during the winter, being 3 feet tall when ready to plow under. The crown of the plant has many stalks leading out from the crown. Not good for hay or forage. Sow shallow, 1/4 inch if the soil is right. Use 20 to 25 lbs. of seed per acre. Flowers yellow. Per lb. 25c, 10 lbs. \$2.00.

BURR CLOVER (Medicago Denticulata). Burr clover is among the best cover crops and in some localities is accounted the very best. Burr clover is native to our hillsides, forming fine dry forage during the summer. Requires very little water. Sow with the first rains, using 15 to 20 lbs. of seed per acre. Per lb. 25c, 100 lbs. \$11.50.

SPRING VETCH (Vicia Sativa). Carloads of this are planted for a cover crop each year. Vetch is perfectly hardy and does well. The seed is large and requires 60 to 70 pounds per acre. Vetch does not grow luxuriantly until the coldest weather has passed. Greatly needs inoculating. Per lb. 15c, 10 lbs. \$1.00, 100 lbs. \$3.50.

Hairy Vetch (Vicia Villosa). We cannot supply seed this year.

CANADA FIELD PEAS. Excellent for a cover crop or for forage for cattle. Makes a good growth even if planted late. Sow 70 to 80 lbs. per acre. Inoculated soils are essential. Per lb. 15c, 10 lbs. \$1.00.

SWEET CLOVER or BOKHARA (Melilotus Alba). This is biennial and white flowering. Sweet clover is especially noted for the depth which it sends its roots, going through the subsoil and leaving openings after the plant has died. Grows well on the poorest soil and improves all soils. Does not get started so quickly as the Melilotus Indica, but is probably better for a summer growth. Sow 10 lbs. per acre. Per lb. 35c, 10 lbs. \$3.00.

Inoculation by Farmogerm

A leguminous crop like any of the above, and also alfalfa and all clovers, does not have its best chance to get well established unless inoculated with Farmogerm.

FARMOGERM is pure, high bred bacteria and good only for the crop for which it is bred. Be sure to say on your order for what crop the Farmogerm is wanted.

FARMOGERM makes nitrogen (from the air) available for the plant, enabling it to get a good start and to thrive afterward. This same nitrogen will in part remain in the soil and will aid the next crop.

FARMOGERM has added to the fertility of your soil which can be measured in actual dollars and at the same time has aided the growing crop.

FARMOGERM comes as follows: 1/4-acre bottles, 50c (postpaid 60c); 1-acre bottles, \$1.50 (postpaid \$1.60); 5-acre bottles, \$5.00; 50-acre (10 bottles in case), \$45.00. (Cannot be mailed but must go by express.)

Send for Farmogerm booklet telling more about it.

Inoculate this
Seed with
FARMOGERM.

ALFALFA

Alfalfa can be either drilled or broadcasted in, and from 15 lbs. to 25 lbs. per acre is required. It is best to sow in the fall, after the first rain, but can also be sown in the spring; but fall sowing is recommended whenever possible.

Extra Choice Re-cleaned Alfalfa. The best acclimated sort, and recommended for all-round growing. We handled 24 carloads of alfalfa last year, and are always prepared to quote the lowest market prices for seed. Lb. 30c; larger quantities at market price; write or wire.

Grimm. This is the hardiest strain of alfalfa there is. It has been developed to stand the cold winters even of Minnesota. Ours is the genuine stock. 12 lbs. of seed per acre is sufficient. Lb. \$1.00, 10 lbs. \$9.50, 100 lbs. \$73.00.

Hairy Peruvian. Makes fine hay of extra tender quality. One more cutting than ordinary sorts. Supply doubtful. Write for prices.

Turkestan or Dry-land Alfalfa. We make direct importations of this seed, and we can recommend it for situations where water is not abundant. We suggest that it be seeded a little heavier than the ordinary type, as it is inclined to become coarse and woody, and thick sowing will produce finer plants. We can supply this in original package, or in smaller quantities. Lb. 35c, 10 lbs. \$2.50, 100 lbs. \$20.00. Write or wire us for present prices.

Inoculate this
Seed with
FARMOGERM.

CLOVER SEEDS

Write for samples and special prices before ordering in large quantities.

Alsike or Swedish Clover (Trifolium Hybridum). A perennial variety, sometimes preferred to Red Clover, as it is generally finer and makes better hay for horses. The blossoms are also valuable for bees. Alsike succeeds on wet, cold or stiff soils. When used alone sow 8 to 10 lbs. per acre. Lb. 35c, 100 lbs. \$26.00.

Red Clover (Trifolium Pratense). Standard clover for all purposes. Yields the heaviest crop of any variety except alfalfa; makes superior hay, especially if mixed with Timothy. Sow from 12 to 15 lbs. per acre. Lb. 35c, 10 lbs. \$3.00, 100 lbs. \$26.00.

GRASS SEEDS

Awnless Brome Grass (Bromus Inermis). Will stand droughts and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest grasses and succeeds on our dry hillsides. Sow 35 lbs. per acre. Lb. 30c, 100 lbs. \$19.00.

Orchard Grass. Excellent for hay and pasture. Sow early. 35 lbs. per acre. Lb. 35c, 100 lbs. \$27.00.

Perennial Rye Grass. One of the three best hay and pasture grasses. 60 lbs. per acre. Lb. 20c, 100 lbs. \$14.00.

Timothy. Excellent hay grass. Lb. 20c, 100 lbs. \$13.00.



Grasses for Lawns

Grass seed does well planted in the fall. Now the sun is not so hot that it will scorch the young shoots, and if not sown just before heavy frosts this is probably the best time of the year. Don't plant too deep; keep the soil always moist; follow the directions below, and you will get a good lawn. The Golden Gate Park in San Francisco uses each year large quantities of our fine lawn grasses. You can have a lawn just as good as any of theirs by giving proper care and sowing MORSE'S LAWN GRASS, which is of excellent quality.

(Pound and 10-pound prices are postpaid to the Fourth Zone.)

PACIFIC RYE GRASS (MORSE'S)

The best grass for a straight lawn in any sandy soil such as is about San Francisco. Pacific Rye Grass is like the hardy Australian Rye Grass, but is longer lived and of a much finer leaf. Per lb. 25c, per 100 lbs. \$20.00.

KENTUCKY BLUE GRASS

Makes a lawn of a dark-green color. It forms a fine mat with care and plenty of water and is the best straight lawn grass for all soils except sandy ones. Per lb. 40c, per 100 lbs. \$30.00.

SPECIAL SHADE MIXTURE

On account of the war, we cannot obtain the necessary grasses to make a first-class mixture, and accordingly we do not offer this at present.

WHITE CLOVER

This is a little dwarf growing lawn clover. The color is dark green, and the roots run deeply. Per lb. 75c, 10 lbs. \$7.00.

DIRECTIONS FOR MAKING A LAWN: Prepare the soil well; this means spade it over and dig in some fertilizer or manure. Let the ground stand a month, or else do not apply fertilizer until grass is three months old. Two weeks before planting roll and water the ground well and before sowing the seed hoe the soil, but do not spade it. This will kill countless thousands of small weeds which are always in the soil and would otherwise have to be pulled up by hand—a laborious job.

Sow the seed evenly and roll it in or sprinkle a good cover of sandy loam over it. Where a roller is not available, rake the seed in lightly and press down by patting with spade. Water twice a day until grass comes up. In stiff, clayey soils, if planting in summer, use straw or leaves to protect the germinating seeds until the grass is an inch high. Make the lawn any time of year if there is plenty of water.

Use one pound of seed to 250 square feet of lawn. Keep free from weeds, water well and cut regularly.

CALIFORNIA LAWN MIXTURE

Contains only the finest leaved grasses in the correct proportion to make a good fine turf which will look well in summer and winter. Per lb. 40c, per 100 lbs. \$35.00.

MORSE'S "GOLDEN GATE PARK" LAWN MIXTURE

Contains the more hardy grasses which are used to make the sod for the park playgrounds, where the grass has to endure much tramping over. The mixture also contains a very little white clover. Per lb. 35c, per 100 lbs. \$26.00.

AUSTRALIAN RYE GRASS

Makes a very hardy, bright green lawn which does well on sandy soil like San Francisco. Per lb. 20c, per 10 lbs. \$1.80, per 100 lbs. \$14.00.

PUTTING GREEN MIXTURE

Especially for golf courses. Makes the very finest greens. Per lb. 60c, 10 lbs. \$5.50.



SINGLE TIGER



AURATUM



CANDIDUM OR ST. JOSEPH



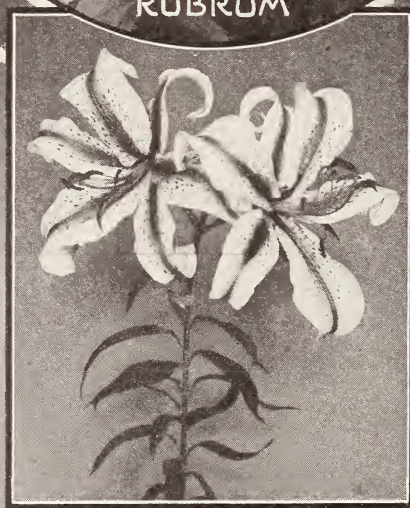
SPECIOSUM RUBRUM

LILY

BULBS



DOUBLE TIGER



AURATUM RUBRO-VITATUM



HENRY II OR YELLOW SPECIOSUM