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# BULB CATALOGUE

## FALL 1916

RECEIVED  
MAY 1 1917  
U. S. Department of Agriculture



**THE W. F. PITTS SEED & NURSERY COMPANY**  
**326-328 MARKET STREET**  
**SAN FRANCISCO, CAL.**

# The Culture of Bulbs

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Fall is the time in which to prepare for the feast of flowers, so greatly enjoyed in the Spring. The first work of preparing the bed for bulbs, is to cover the surface with a good coating of well rotted manure. Then spade up the earth deeply. After spading, rake down the earth from the center, to make the bed perfectly level. It may be well to use a little dibble, so as to get all the bulbs planted the same depth. The only objection to this is that sometimes it compresses the soil too much, leaving a hollow place underneath the bulb. This should be filled with coarse sand before the bulb is set, as close contact with the soil is essential. Standing water at the base of the bulb will cause the roots to decay. Generally speaking, all the Dutch bulbs thrive better for having some sand mixed with the soil.

## Depths and Distances

Hyacinths, Daffodils, and Tulips should be planted five or six inches apart, and about four inches deep. Poet's Narcissus and some others with comparatively small bulbs, need to be only four inches apart. Snowdrops, Crocuses, Scillas, and other small bulbs may be set two and a half to three inches apart, and about three inches deep.

## IRIS

The Spanish and English Irises should not be neglected, as they are very beautiful and bloom earlier than other sorts. These both start blooming early in the Spring and therefore must be planted in the Fall. Spanish Iris thrives best in moist locations.

## MUSHROOM SPAWN

### Cultural Directions

Ten pounds will spawn about ten square feet. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure good, rich soil, and to every bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed twelve or eighteen inches thick. As soon as the temperature of the bed falls from 75 to 50 degrees, the spawn may be inserted in pieces about the size of a walnut about two inches deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean hay, about a foot thick, and the work is done. If the temperature is right, in six or eight weeks you may expect mushrooms. The beds will continue bearing from twenty to thirty days.

After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil.

Lambert's Pure Culture-Bricks, 30c each; 10 bricks, \$2.50. Add parcel postage from table. A brick weighs one and one-quarter pounds. If wanted in larger quantity, write for prices.





**Do not Write in this space.**

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👉 In making your order, please give the price, to avoid delay and errors. 👈

## Standard Varieties



## NEW DARWIN TULIPS

Too much praise cannot be given to this new late flowering class of Tulips. With a brilliancy of color and perfection of flowers.

Very strong growers and will give excellent results.

The newest and finest varieties are included in this collection.

By slowly forcing in pots they may be had in bloom in March. Six of a kind at the dozen rate. Fifty at the hundred rate.

## DARWIN TULIPS

	Doz.	100		Doz.	100
Baronne de la Tonnaye, bright pink .....	\$0.55		Gretchen, soft blush .....	\$0.55	\$4.00
Clara Butt, soft salmon pink...	.50	\$3.50	Mme. Krelage, soft rose margined blush .....	.55	4.00
Dream, soft lilac .....	.50	3.50	Painted Lady, creamy white....	.70	5.00
Europe, glowing salmon scarlet.	.55	4.00	Pride of Harlem, carmine rose..	.60	4.50
Farncombe Sanders, rich brilliant scarlet .....	.50	3.50	Sultan, maroon black .....	.40	3.00
Mrs. Potter Palmer, deep purple	.60	4.50	La Candeur, pure white.....	.70	5.00
			Fine Mixed .....	.30	2.00

## TULIPS, EARLY SINGLE VARIETIES

	Doz.	100		Doz.	100
Artus, deep scarlet .....	\$0.30	\$2.00	White Hawk, rose white very fine	\$0.40	\$2.75
Chrysolora, golden yellow.....	.30	2.00	Yellow Prince, golden yellow...	.30	2.00
Cramoisi Brilliant, bright scarlet	.30	2.00	Cottage Maid, rosy pink.....	.30	2.00
Duchess de Parma, orange scarlet	.30	2.00	Rosa Mundi, rose pink shaded		
Keizerkroon, red with wide gold-			white .....	.30	2.00
en border, finest in existence.	.40	2.75	Best Mixed .....	.25	1.75

## COTTAGE TULIPS

	Doz.	100		Doz.	100
Picotee, white pink edge.....	\$0.30	\$2.00	Gesneriana Lutea, large golden		
Bouton d'Or, pure golden yellow	.30	1.75	yellow flowers .....	\$0.35	\$2.25
Gesneriana Spathulata, dazzling			Gesneriana Rosea, pink.....	.30	1.75
crimson, blue black center...	.30	2.00	La Merveille, salmon rose over-		
Isabella, creamy white.....	.35	2.25	laid with orange red .....	.30	2.00
			Finest Mixed .....	.30	2.00

## PARROT TULIPS

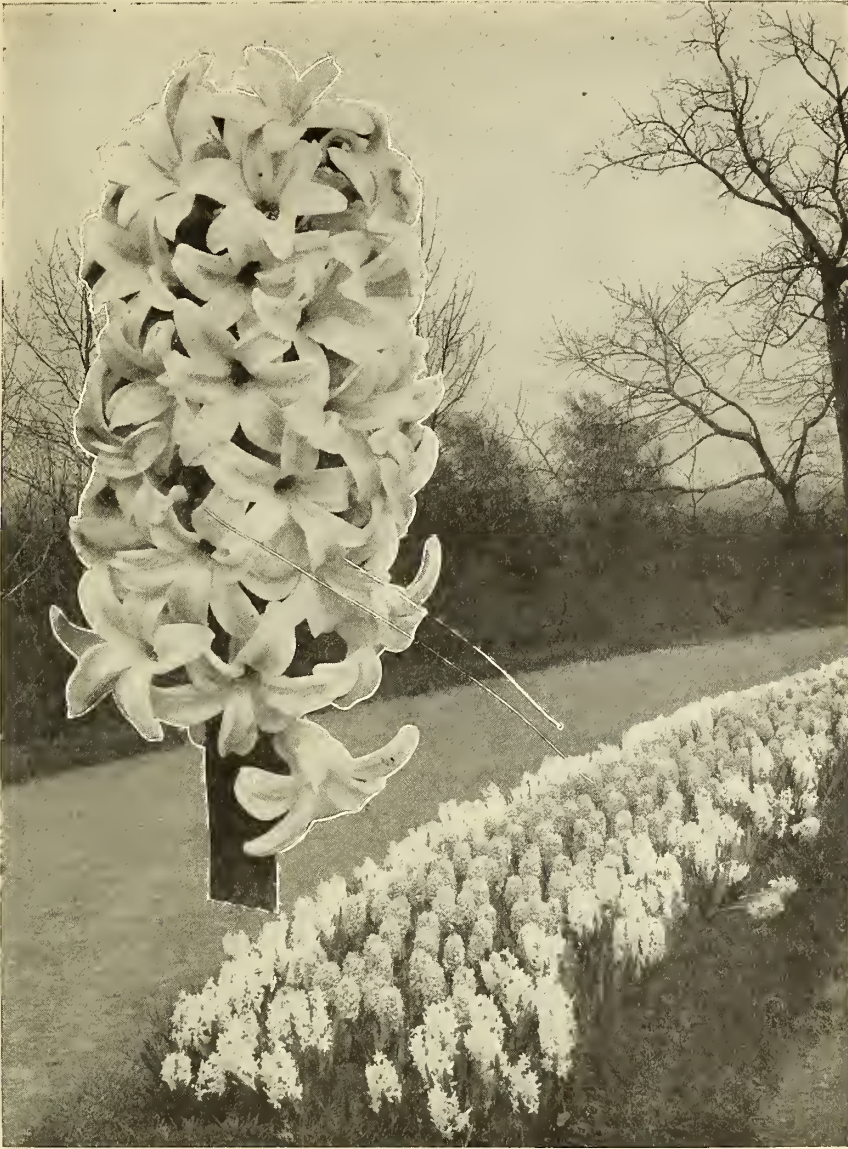
This Tulip comes in bright colors—red, yellow and green predominating.

	Doz.	100
Finest Mixture .....	\$0.25	\$1.75

## EARLY DOUBLE TULIPS

	Doz.	100
Finest Mixture .....	\$0.30	\$2.00





## HYACINTHS

To many this is the favorite Spring flower, with beautiful spikes of bright colors and soft shades. **Culture:** Cultivate and fertilize the ground freely. Set the bulbs from two and one-half to three inches deep and seven to eight inches apart. To have all the bulbs flower at one time, see that they are set at an even depth.

### SINGLE HYACINTHS

#### Standard Varieties

	Each	Doz.		Each	Doz.
Moreno, bright pink.....	\$0.15	\$1.25	King of the Yellows, golden yellow .....	\$0.15	\$1.25
Grand Maitre, deep porcelain blue .....	.15	1.25	Gertrude, rose pink .....	.15	1.25
Queen of the Blues, azure blue..	.15	1.25	Gigantea, true pink .....	.15	1.25
La Grandesse, pure white, extra fine .....	.15	1.50	Roi des Belges, deep crimson scarlet .....	.15	1.25
L'Innocence, pure white .....	.15	1.50			

(Hyacinths continued on next page)

## Hyacinths—(Continued)

## DOUBLE HYACINTHS

	Each	Doz.		Each	Doz.
Blocksberg, bright blue.....	\$0.15	\$1.25	Minerva, orange .....	\$0.15	\$1.25
Othello, violet black .....	.15	1.25			
Bouquet Royal, white, yellow center .....	.15	1.25	Bouquet Tendre, carmine .....	.15	1.25
La Tour De Avergne, pure white, very large .....	.15	1.25	Lord Wellington, double, light pink .....	.15	1.25

## DUTCH ROMAN HYACINTHS

	Doz.	100		Doz.	100
Red, all shades .....	\$0.40	\$3.00	Light Blue .....	\$0.40	\$3.00
Rose .....	.40	3.00	Dark Blue .....	.40	3.00
Pure White .....	.40	3.00	All above colors, mixed .....	.40	3.00

## BEDDING HYACINTHS

## Single Varieties

	Doz.	100
Rose .....	\$0.50	\$4.00
Red and Rose .....	.50	4.00
Pure White .....	.50	4.00
Dark Blue .....	.50	4.00
Light Blue .....	.50	4.00
Yellow .....	.50	4.00
All colors, mixed .....	.50	4.00

## Double Varieties

	Doz.	100
Rose .....	\$0.55	\$4.25
Red and Rose .....	.55	4.25
Pure White .....	.55	4.25
Blue, all shades .....	.55	4.25
Light Blue .....	.55	4.25
Yellow .....	.55	4.25
All colors, mixed .....	.55	4.25

## GRAPE HYACINTHS

	Doz.	100
Grape Hyacinths, blue.....	\$0.20	\$1.00
Grape Hyacinths, white .....	.25	1.50
Grape Hyacinths, feathered ....	.25	1.50

## ANENOMES—Spring Flowering

	Doz.	100
Single Blue .....	\$0.20	\$1.25
Single White .....	.20	1.25
Single Scarlet .....	.20	1.25
Mixed .....	.20	1.25

## GLADIOLUS—Early Flowering

## Standard Varieties

	Doz.	100
Blushing Bride, delicate ivory white with a crimson flake and flowing petals, long stems....	\$0.25	\$1.50
Peach Blossom, soft bright pink	.25	1.50
The Bride, pure white, very early	.25	1.50
Mixed .....	.25	1.50





## DAFFODILS

One of the best of the Spring flowering bulbs. Daffodils bloom in March and April.

**Culture:** Plant in October or November in the open ground. Set four to five inches deep and eight to ten inches apart. Be sure to keep the ground well watered during the growing season.

### LARGE TRUMPET VARIETIES

Standard		Varieties	
Doz.	100	Doz.	100
Trumpet Major, large rich yellow	\$0.35 \$2.50	Empress, perianth white, trumpet rich yellow	\$0.50 \$3.50
Golden Spur, perianth yellow, trumpet bright golden yellow.	.40 3.00	Princeps Maxima, perianth sulphur yellow, trumpet yellow.	.35 2.50
Emperor, rich yellow flowers, trumpet immense, long stems, fine for cutting	.60 4.00	Victoria, pure white perianth, with large yellow trumpet, extra large flower	.45 3.00

### MEDIUM TRUMPET OR CROWN VARIETIES

Doz.	100	Doz.	100
Barri Conspicuus, broad yellow perianth, with short, broad crown edged with orange scarlet, very large	\$0.25 \$1.75	Sir Watkin, perianth of deep golden yellow, one of the largest crown Narcissus, very popular	\$0.50 \$3.25

## DOUBLE VARIETIES

	Doz.	100		Doz.	100
Alba Plena Odorata (Double Poeticus), pure white, very double and fragrant .....	\$0.30	\$2.00	Sulphur Phoenix, creamy white with sulphur center .....	\$0.40	\$2.50
Incomparable (Butter and Eggs), rich yellow and orange .....	.40	2.50	Von Sion, first size bulbs, the largest and finest double trumpet variety, excellent for forcing or cut flowers .....	.40	2.50
Orange Phoenix (Eggs and Bacon), white and orange, fine for pot culture .....	.40	2.50			

## POLYANTHUS NARCISSUS

A very fragrant flower, blossoming as early as Christmas.

	Doz.	100		Doz.	100
Paper White Grandiflora, beautiful snowy white flowers with large petals; very fragrant, the earliest to bloom .....	\$0.30	\$1.75	Grand Monarque, white perianth with primrose cup .....	\$0.35	\$2.50
			Grand Soliel d'Or, rich yellow; with orange cup .....	.35	2.50

## POET'S NARCISSUS

	Doz.	100
Poeticus Ornatus, larger and earlier than Poeticus .....	\$0.20	\$1.50

## JONQUILS

	Doz.	100		Doz.	100
Single, yellow, sweet scented .....	\$0.15	\$1.00	Campernelles, yellow flowers, fine for forcing or bedding .....	\$0.20	\$1.25
Double, very double, rich golden yellow, sweet scented .....	.35	2.50	Rugulosus, giant flower, golden yellow with wrinkled cup, extra fine for forcing .....	.25	1.50

## FREESIAS

	Doz.	100		Doz.	100
Refracta Alba, white with yellow blotch on petals, very fragrant .....	\$0.25	\$1.75	Purity, pure white, fine cut flowers; very fragrant; large .....	\$0.25	\$1.75

## CHINESE SACRED LILY

Chinese Sacred Lily is a variety of the Polyanthus Narcissus grown in a wet soil. Perianth white and cup yellow, free flowering and fragrant. May be grown in dishes with water and coarse gravel.

Strong bulbs .....\$0.20 each; \$2.00 per dozen

## RANUNCULUS

Ranunculus, plant in a cool, partly shady location. Ranunculus comes in a wide range of attractive colors—crimson, purple, black, yellow, and white. Soak the bulbs in water over night before planting.

	Doz.	100		Doz.	100
Hercules, giant white .....	\$0.35	\$2.00	Persian Mixed, very double, rose shaped flowers .....	\$0.20	\$1.00
Romano, bright scarlet .....	.30	1.75	French Mixed, large loosely double flowers, vigorous growers .....	.20	1.00
Souci Dore, brownish orange .....	.30	1.75	Turban Mixed .....	.20	1.00
Grootvorst, bright crimson .....	.35	2.00			
Black Turban, scarlet .....	.20	1.00			
Viridiflora, scarlet, green center .....	.30	1.75			





CROCUS

## CROCUS

Crocus should be planted in lawns or grass plots, where they will flower early in the Spring before mowing. They grow from three to four inches high, and are excellent for borders and massing.

	Doz.	100
Large Yellow .....	\$0.15	\$0.60
White Shades .....	.15	.60
Blue and Purple .....	.15	.60
Striped and Variegated...	.15	.60
Mammoth Yellow .....	.20	1.50
Mammoth Sorts, mixed ...	.20	1.50

## SNOWDROPS

Nothing is more beautiful than these little flowers appearing in the early Spring. They should be sown in the lawn or in beds; may be used as a cut flower.

	Doz.	100
Single Flowering .....	\$0.20	\$1.00
Double Flowering .....	.30	1.75

## OXALIS

Trailing or bushy plants, flowering all Spring and Summer, adapted for pot culture, hanging baskets and borders. Very attractive foliage.

	Doz.	100
Bermuda Buttercup, bright yellow .....	\$0.25	\$1.50
Bowei, bright rosy crimson .....	.25	1.50
Deppei Speciosa, light carmine .....	.25	1.50
Alba White .....	.25	1.50
Fine Mixed .....	.15	1.00

## IXIAS

	Doz.	100
Best Mixed .....	\$0.20	\$1.00

## SPANISH IRIS

Excellent for forcing or growing in pots. After flowering, the bulbs may either be lifted or allowed to remain for another season.

	Doz.	100		Doz.	100
Belle Chinoise, very fine pure pel- low .....	\$0.15	\$1.00	Chrysolora, golden yellow.....	\$0.15	\$1.00
British Queen, pure white, tall grower and good forcer.....	.15	1.00	Formosa, fine blue .....	.15	1.00
Cajanus, pure yellow, large flow- er, fine for cutting .....	.15	1.00	Louise, very tender lilac shaded, with brown spots .....	.15	1.00
			La Reconnaissance, splendid bronze .....	.25	1.75

Fine Mixture of all varieties .....25c per 2 doz.; 75c per 100; \$6.00 per 1000

## ENGLISH IRIS

English Iris, extra fine mixture.....\$0.25 per dozen; \$1.75 per 100

## SWEET PEAS

Spencer or Orchid Flowering Type.

Standard Varieties.

The Spencer varieties of Sweet Peas are fast superseding the Grandiflora types of the same variety and color and are indispensable in a collection, whether for exhibition or decorative purposes. The following list is the cream of the beautiful creations of the hybridizer art and can be relied upon to come true to type and description. A few varieties are not yet fixed, but in the main disappointments and complaints are few.

	Packet	Oz.
<b>America, Spencer.</b> Heavily striped and flaked; bright crimson scarlet .....	.10	.35
<b>Apple Blossom.</b> Bright rose, wings primrose .....	.10	.35
<b>Asta Ohn.</b> Soft pinkish lavender .....	.10	.40
<b>Countess Spencer.</b> The original giant flowering Spencer ....	.10	.35
<b>Duplex Spencer.</b> New giant cream pink .....	.10	.40
<b>Extra Choice Mixture.</b> This mixture includes all of the best colors of the above varieties. ....	.10	.30
<b>Flora Norton.</b> Light blue. ....	.10	.40
<b>Florence Morse.</b> Best light pink .....	.10	.40
<b>Helen Lewis.</b> Standard orange, wings rosy salmon .....	.10	.35
<b>King Edward.</b> The best pure red Spencer .....	.10	.40
<b>Mrs. Routzahn.</b> Straw colored, tinted blush shaded to rose. ....	.10	.40
<b>Othello.</b> Of immense size; color, rich maroon; one of the best dark sweet peas .....	.10	.40
<b>White Spencer.</b> Flowers of enormous size, pure white .....	\$0.10	\$0.35



## Palms, Ferns and Decorative Plants

### **Adiantum Cuneatum (Maiden-Hair Fern)**—

This fine variety is more generally grown than any of the other sorts; for cutting, greenhouse and parlor decoration. Five-inch pots, 50c each; six-inch pots, 75c each.

**Anthericum Variegatum** — Beautiful plants, with narrow recurved foliage which is dark green and beautifully marked with broad stripes of creamy white; nice for pots or hanging baskets. Four-inch pots, 35c each.

**Aspidium Falcatum (Holly Fern)**—A favorite variety for house culture or for growing outside; the leaves are dark, glossy green and waxy on the edges. Three-inch, 25c each; large plants, 50c each.

**Asparagus Plumosus**—A beautiful plant with graceful, bright green feathery foliage. In pots, 15c, 25c and 50c each.

**Asparagus Sprengeri**—Valuable for pots or hanging baskets. Of graceful, drooping habit. In pots, 15c, 25c and 50c each.

**Aspidistra Lurida**—A very pretty plant for house decoration, with large, long, dark green leaves. \$1.00 to \$3.50 each, according to size.

**Aspidistra Lurida Variegata**—Similar to the preceding except that the leaves are margined and striped with white. \$1.50 to \$3.50 each, according to size.

**Asplenium Nidus Avis (Bird's Nest Fern)**—In pots, 60c and 75c each.

**Chamaerops Excelsa (Japanese Fan Palm)**—An ornamental and symmetrical growing fan palm. Leaves are dark green and deeply cut. Rather slow grower, but very hardy. Pot grown, 75c, \$1.00, \$1.50, \$2.00, according to size.



## PALMS, FERNS AND DECORATIVE PLANTS—(Continued)

- Cycas Revoluta** (The Sago Palm)—75c, \$1.00, \$1.50 each.
- Dracaena Indivisa**—A fine plant for outdoor planting in California, and much in use for lawns, avenues and parks. The small plants are fine for window decoration. Balled, two feet, 75c each, \$6.00 per 10; two and one-half to three feet, \$1.00 each.
- Ficus Elastica** (India Rubber Plant)—Very large, smooth leathery leaves, evergreen foliage; generally esteemed one of the finest house plants grown, the plant attaining a large size. 75c, \$1.00 and \$1.50 each, according to size.
- Ficus Macrophylla** — A variety with smaller leaves than the preceding; much valued for parlor or hall decorations. \$1.00 and \$1.50 each.
- Kentia Fosterina and Belmoreana**—Attractive house palms, with graceful, arching pinnate leaves of a bright green color. Four-inch pots, 50c each; five-inch pots, 75c and \$1.00 each; six-inch pots, \$1.50 each.
- Nephrolepis Exaltata** (Sword Fern) — A splendid, hardy sort, thrives as well outside as inside; of upright growth. In pots, 35c, 50c, 75c, \$1.00 each.
- Nephrolepis Bostoniensis** (Boston Fern) — One of the most useful ferns for house culture. The fronds droop and arch gracefully over the edge of a pot or basket. In pots, 35c, 50c, 75c, \$1.00 each.
- Nephrolepis Whitmanni**—Similar to the Boston Fern, except that fronds are frilled, giving a plume-like appearance. In pots, 50c, 75c and \$1.00 each.
- Phoenix Canariensis** (The Canary Island Date Palm)—The most graceful and handsomest of our hardy palms; leaves pinnate and of a deep green color. Very effective when planted on a large lawn. Six-inch pots, 50c; eight-inch pots, \$1.00 each. Larger plants, well established, two to three feet, \$2.00 each; four feet, \$3.00 each.
- Washingtonia Sonorae**—One of the hardiest and most beautiful of palms; in habit of growth resembling our well-known California Fan Palm, but more symmetrical and spreading; leaves fan-shaped, medium size, retaining their dark green color during the Winter months; stems short, thorny; of upright, compact growth. Balled, three and one-half to four feet, \$2.00 each.
- Woodwardia** — A strong growing fern with large fronds, useful for planting in shady places. Strong roots, 35c and 50c each.

Perennial Flowers which will give Good Results if Planted in Fall,  
in addition to Sweet Peas

	PACKET		PACKET
<b>Alyssum.</b> Flowers produced in great profusion for a long time; fragrant....	\$0.05	<b>Hollyhock.</b> Grows four to five feet high, bearing large double flowers of many colors .....	.10
<b>Candytuft.</b> An especially desirable plant for beds or masses; blossoms are produced on long spikes and are very fragrant .....	.10	<b>Delphinium (Larkspur).</b> Bearing large spikes of brilliant flowers in light and deep blues; valuable for beds and borders .....	.10
<b>Calceolaria.</b> Hardy in California; bears a large profusion of small pocket-shaped flowers; it has a great variety of shades and colors .....	.10	<b>Poppy Oriental.</b> Hardy plant bearing large brilliant crimson flowers with black blotch on each petal. Growing one and one-half to two feet tall....	.10
<b>Carnation Marguerite.</b> The colors are deep crimson, white, rose pink, clear pink and light yellow. This strain is very unusual from the fact that it blooms the first year from seed.....	.10	<b>Poppy, Huunemania or Bush Eschscholtzia.</b> Large bushy plants bearing beautiful yellow blossoms; valuable for cut flowers .....	.10
<b>Centaurea Montana.</b> Silver foliage plant, and is extensively used for edgings, hanging baskets, etc. ....	.10	<b>Perennial Phlox.</b> Beautiful soft petals, brilliantly colored flowers; an old favorite .....	.10
<b>Coreopsis Lanceolata Grandiflora.</b> Large yellow golden flowers with long stems, valuable for cutting .....	.10	<b>Sweet William.</b> Sweet scented old-fashioned perennial, bearing flowers in clusters; valuable bedding plant.....	.10
<b>Columbine.</b> Hardy perennial in deep blue, yellow and white .....	.10	<b>Stocks, Winter Flowering.</b> Very striking plants producing large spikes of large flowers which are very fragrant.....	.15
<b>Digitalis (Foxglove).</b> Grows five to six feet high with drooping bell-shaped blossoms .....	.10	<b>Verbena, Fragrance.</b> Large flowers of the most brilliant colors, mixed; very fragrant .....	.10
<b>Daisy.</b> Beautiful double flowers. Very attractive for growing in lawns. Snowball, Longfellow, or mixed.....	.10	<b>Wall Flower.</b> Grows from one to two feet high, bearing long stems of fragrant flowers. Tall German double mixed..	.10
<b>Daisy, Shasta.</b> Hardest and most popular white flower .....	.15	Fine single mixed .....	.05
<b>Gaillardia Grandiflora.</b> Beautiful large flowers, shading from orange to yellow, brown to crimson; very effective. ....	.10		

## GIANT PANSIES FOR FALL PLANTING



Pansies are the most popular of all flowering plants, and are grown over the widest extent of country. They bloom most freely and produce largest flowers in cool, moist locations. The following list represents a selec-

tion of many of the best large flowering varieties:

	Packet
<b>Emperor William.</b> Blue with purple eye.	\$0.25
<b>Lord Beaconsfield.</b> Rich combination of purple and lavender, shading to white near the top .....	.25
<b>Pure White</b> .....	.25
<b>Pure Yellow.</b> Pure golden yellow, without blotches .....	.25
<b>Best Giant Flowering Mixed.</b> This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings. This is an extra fine mixture .....	.25
<b>Bugnot, Mixed.</b> Extra large flowering..	.25
<b>Cassiers Giant, Black.</b> Mostly light shades with dark blotches.....	.25
<b>Bronze, Ruby Red, Azure Blue, Golden Margined</b> .....	.10
<b>Large Flowering Mixed.</b> This mixture includes fine colors of large flowering varieties .....	.10

## VEGETABLES

The following list of vegetable seeds can be grown for early winter use by sowing the seeds in the fall:

## BEETS—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>Early Blood Turnip</b> .....	\$0.15	\$0.45	\$1.50
<b>Crosby's Egyptian</b> .....	.15	.40	1.50
<b>Detroit Dark Red</b> .....	.15	.40	1.25
<b>Extra Early Egyptian</b> ....	.15	.40	1.50
<b>Long Smooth Dark Blood</b> ..	.15	.40	1.50

## CABBAGE—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>Early Jersey Wakefield</b> ....	\$0.30	\$0.90	\$3.00
<b>Early Winingstadt</b> .....	.30	.90	3.00
<b>Early Dutch Flat</b> .....	.30	.90	3.00
<b>Large Late Drumhead</b> ....	.30	.90	3.00
<b>Danish Ballhead</b> .....	.40	1.20	4.00

## CARROTS—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>Improved Long Orange</b> ....	\$0.10	....	\$1.00
<b>Danvers Half Long</b> .....	.10	\$0.30	1.00
<b>Oxheart</b> .....	.10	.30	1.00
<b>French Forcing</b> .....	.10	.30	1.00

## CAULIFLOWER—Packets, 5c Each

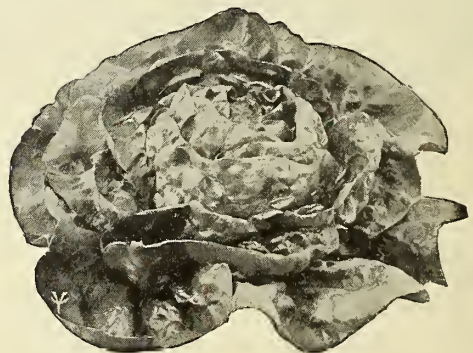
	Oz.	¼ Lb.	Lb.
<b>Early Snowball</b> .....	\$2.25	....	....

## LEEK—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>American Flag</b> .....	\$0.15	\$0.45	\$1.25

## RADISHES—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>Early Scarlet Turnip White Tipped</b> .....	\$0.10	\$0.30	\$0.80
<b>French Breakfast</b> .....	.10	.25	.75
<b>Long Scarlet</b> .....	.10	.30	.80
<b>Chinese Rose Winter</b> ....	.15	.40	1.25
<b>Long Black Spanish</b> .....	.15	.40	1.25



## LETTUCE—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>Hauson</b> .....	\$0.15	\$0.45	\$1.50
<b>Passion</b> .....	.15	.45	1.50
<b>Big Boston</b> .....	.20	.55	1.50
<b>Los Angeles</b> .....	.35	1.00	3.00

## ONION—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
<b>Yellow Globe Danvers</b> ...	\$0.20	\$0.60	\$1.75
<b>Prizetaker</b> .....	.15	.45	1.50
<b>Yellow Danvers Flat</b> .....	.15	.45	1.50
<b>Australian Brown</b> .....	.15	.40	1.00
<b>Red Weathersfield</b> .....	.20	.45	1.25
<b>White Portugal</b> .....	.20	.60	2.00



## VEGETABLES—(Continued)

## ONION SETS

	Oz.	¼ Lb.	Lb.
Yellow .....			\$0.25

## PARSLEY—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
Moss Curled .....	\$0.10	\$0.30	\$0.90

## PARSNIPS—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
Hollow Crown .....	\$0.10	\$0.30	\$1.75

## PEAS—Packets, 10c Each

	Oz.	¼ Lb.	Lb.
American Wonder .....			\$0.20
Gradus .....			.25
Little Gem .....			.20
Stratagem .....			.20
Yorkshire Hero .....			.20
Champion of England.....			.20
Telephone .....			.25

## SPINACH—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
Long Standing .....	\$0.10	\$0.20	\$0.40
Bloomsdale Savoy .....	.10	.15	.35
Prickley .....	.10	.15	.30

## TURNIP—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
Purple Top White Globe..	\$0.10	\$0.20	\$0.60
Purple Top Strap Leaved..	.10	.20	.60
White Dutch Flat .....	.10	.20	.60
Yellow Aberdeen .....	.10	.20	.60

## RUTABAGA—Packets, 5c Each

	Oz.	¼ Lb.	Lb.
American Purple .....	\$0.10	\$0.20	\$0.60
Large White or Sweet German .....	.10	.20	.60

## LAWN GRASSES

## Standard Varieties

A little attention to the lawn at this time will repay you many fold when Spring arrives. The preparation of the soil originally for your lawn entailed expense and work. You do not care to see this effort wasted. It is poor economy to sow any but the very best seed that can be procured. Our lawn grass seeds are unexcelled for hardiness, quick growth and purity.

In estimating the amount of seed that you may require, allow one pound to two hundred square feet. The best results are secured by covering the entire ground or the bald patches with sacking or burlap until the seed has germinated. Keep the ground moist and use only a fine spray.

Any of the following mixtures will be promptly forwarded by parcel post, provided sufficient postage is enclosed with the order. The amount necessary is easily ascertained from your postmaster.

**Exposition Lawn Grass Mixture.** Is a mixture of the best imported and domestic grasses, early, medium, late, short, tall, and those with creeping roots; selected to produce a lawn which with care will be green all the year. Lb. 25c; 10 lbs. \$2.00.

**Kentucky Blue Grass.** Fancy, extra clean. The most popular grass for lawns. It is dark green and of dense growing habit, making a beautiful turf in a heavy or black soil. Lb. 25c; 100 lbs. \$20.00.

**Australian Rye Grass.** A very vigorous, quick-growing lawn grass, but a little coarse.

Very satisfactory for lawns in San Francisco. Best grass for sandy soils. Lb. 15c; 100 lbs. \$10.00.

**Pacific Rye Grass.** This grass is similar to the Australian Rye Grass, but has a finer leaf and is longer lived. Lb. 25c; 100 lbs. \$20.00.

**White Clover.** Of dwarf habit with creeping stems, rooting at joints, on which account it makes an excellent turf that stands constant tramping. (Planted for a lawn either alone or in mixture with grass seed.) Lb. 75c.

## HIGH GRADE FERTILIZERS

**Lawn Dressing.** For lawns, plants, rose bushes and general garden. It is odorless, easily applied and invisible after applying. Being a complete fertilizer, a part of it is available almost immediately, but good results will be seen for two years after it is used. Should be applied broadcast at the rate of 100 lbs. to each 1,000 or 1,500 square feet of lawn. 1 lb. 10c; 10 lbs. 60c; 20 lbs. \$1.00; 50 lbs. \$2.00; 100 lbs. \$3.50.

**Bone Meal.** An excellent fertilizer, moderately strong. 5 lbs. 25c; 100 lbs. \$2.50. Write for special prices in larger quantities.

**Nitrate of Soda.** Nitrate of Soda is used for forcing leaf crops like lettuce, celery, etc. It should be applied at the rate of 150 lbs. per acre on field work, or twice that in green-houses and small gardens where intensive cultivation is practiced. Better results will be had by putting on a small quantity in two or three applications than by one heavy application. 1 lb. 10c; 10 lbs. 75c; 50 lbs. \$2.50; 100 lbs. \$4.50.

## FERTILIZATION BY INOCULATION

In these days of scientific and twentieth century farming or gardening, we are taught the necessity and value of putting into the soil what is lacking, or by replacing in the soil what has been taken away year after year. The old way of covering the land with the barnyard manure is fast giving way to more up-to-date methods. Manure may be all right for certain plants or vegetation, and in some cases perhaps does much toward enriching the soil. It is not the BEST method, however, and while the manure itself may cost practically nothing, in many instances it is not worth the labor of spreading.

In the days of ancient Rome and during the following centuries, those men engaged in tilling the soil and raising crops for the sustenance of themselves and their fellow mortals, noticed that cereal crops planted in fields where peas, beans, vetches or clovers had grown, yielded more bounteously, but until the latter part of the nineteenth century the reason for such improvement was not understood.

It has since been established beyond question that the members of the family of bacteria known as *Bacillus Radicicola*, which lives in the nodules on the roots of the legumes, have the ability of taking from the air that chemical element which is the most necessary to vegetation—nitrogen—and of supplying it to the host plant on whose roots they live, in such quantities and at such times as it is needed, generally leaving a surplus in the soil for the benefit of succeeding crops. Further, it has been definitely proven that each one of the family of leguminous plants has a bacterium peculiar to itself, and that those bacteria which form nodules on the roots of clover, for instance, will not colonize and form nodules on the roots of peas and will not supply pea plants with nitrogen.

As the bacteria for inoculation contains life, it is needless to impress the fact of obtaining perfectly fresh bacteria, if the best results are to be expected.

**WESTROBAC BACTERIA** is manufactured in San Francisco, and fresh supplies are to be had at all times. In fact, the bacteria differs for various crops, and each order is made of fresh bacteria, or in other words, incubated to your order.

If you are contemplating planting alfalfa, peas, beans, vetches or clovers, you should most certainly consider inoculating your soil with **WESTROBAC** and get the bumper crop which your land will then produce.

### Garden Size Packages

To those who have small plantings—less than one acre—we can now supply bacteria in containers large enough for an area of one-fourth acre.

These are put up for lawns and gardens only, in the following varieties:

Sweet Peas, Garden Peas, Garden Beans, Clovers for Lawns.

Price per tube, mailed to any part of the United States . . . . . \$0.50

Farm size (one-acre to five-acre cans) . . . . . \$2.00 per acre

At this price one cannot afford to plant a lawn or garden without **WESTROBAC**; it will do as much good in the garden as on the farm.

An improved garden or lawn is to be desired by all, and at the price we ask for **WESTROBAC** you cannot afford to miss this chance to secure improvement.

**WESTROBAC** adds nitrogen to the soil and nitrogen makes the crop.

We breed a different bacteria for each of these legumes:

Alfalfa or Lucerne.  
Red Clover.

Mammoth Clover.  
Alsike Clover.  
Crimson Clover.  
Sweet Clover.  
Japan Clover.  
Berseem Clover.  
Florida Clover.  
Yellow Clover.  
Yellow Suckling Clover.  
Seaside Clover.  
White Clover  
White Dutch Clover.  
Burr Clover.  
Serradella.  
Sainfoin.  
Fenugreek.  
Yellow Lupins.  
White Lupins.  
Blue Lupins.  
Lima Beans.  
Navy Beans.  
Canada Peas.  
Field Peas (all kinds).  
Garden Peas (all kinds).  
Chick Peas.  
Sweet Peas.  
Field Beans (all kinds).  
Garden Beans (all kinds).  
Horse Beans.

Velvet Beans.  
Cow Peas.  
Soy Beans.  
Common Vetch.  
Hairy Vetch.  
Black Bitter Vetch.  
Woolly Podded Vetch.  
Scarlet Vetch.  
Purple Vetch.  
Peanuts.



## HOW TO ORDER

Wherever it is possible to do so, use the order blank.

Fill out all the information that the blank spaces call for.

Be sure to write your name plainly. Give postoffice where you receive your mail, including county name. State plainly the town or point where you receive your freight.

Seeds in packets are sent postpaid.

Vines, plants and bulbs are in most instances postpaid, unless otherwise noted. On potted plants delivery charges are paid by purchaser.

For other than mail shipments give the name of the railroad or express company from which you receive your freight. State whether to ship by parcel post or express. In the absence of specified instructions, we shall use our judgment.

Usually orders will be shipped by freight unless otherwise specified. An exception to this rule will be where the package is small, when it may be shipped by express or by mail as above indicated.

You will be notified of shipment. Allow a sufficient length of time for the package to arrive, and then if it does not arrive notify the postmaster or express company, showing the bill of lading. Also notify us by mail and we will send a tracer after it.

Unless specifically indicated otherwise, on nursery stock all packing or shipping charges are to be paid by the purchaser. Only actual cost of packing is charged, and every endeavor is made to restrict such costs to the minimum consistent with proper packing. A minimum packing charge of 25 cents for one up to five fruit trees and 5 cents per fruit tree additional up to ten trees should be remitted with order. As all other packing charges vary, actual cost of packing is to be paid by purchaser on notification.

We are not responsible in any manner after we have delivered the shipment in proper condition to the carrier. We will do all in our power, however, to straighten out any difficulty. All claims for defective or damaged goods must be made immediately upon receipt of same.

All remittances may be either postal orders, bank drafts or checks, properly made out to this company.



## SUBSTITUTIONS

Where particular varieties are ordered, it should be stated whether and to what extent substitutions will be allowed in case the order cannot be filled to the letter. Lacking instructions, we reserve the right to send the next nearest grade if out of size ordered, or to substitute varieties which are practically identical; labeling such substitutions correctly and indicating them on your invoice. We never substitute varieties and incorrectly label them, as is the common practice in some nurseries, and by irresponsible tree agents. We do not substitute on large orders without advising our customers.

## OUR GUARANTEE

While we exercise the greatest care to have all trees and plants true to label, and hold ourselves prepared, on proper proof, to replace any that may prove otherwise, we do not give a warranty, expressed or implied, and in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be responsible for a greater amount than was paid for them.

We sell everything that grows. Make known your wants, is all we ask, and we will name quotations on your entire order.

Address all correspondence to the company direct.

# The W. F. Pitts Seed and Nursery Company

326-328 Market Street

San Francisco, California

## PARCEL POST RATES

Parcel post rates are fixed according to zones. The greater distance from San Francisco the higher the rate.

Here we give the approximate weights (packed) of the various Bulbs offered in this catalog, and the postage on these to the different zones can be ascertained by reference to the table of postal rates to be had at your local postoffice.

Note—The limit of weight for delivery within the first and second zones is 50 pounds; to all other zones, 20 pounds.

## BULBS BY PARCEL POST

NAME	Weight of Twelve Bulbs	25 Bulbs	50 Bulbs	100 Bulbs
HYACINTHS .....	2 Lbs.	5 Lbs.	11 Lbs.	20 Lbs.
TULIPS .....	1 "	2 "	4 "	7 "
DAFFODILS or NARCISSI, except those named below .	2 "	4 "	7 "	11 "
EMPEROR .....	2 "	4 "	7 "	13 "
EMPRESS .....	1 "	3 "	6 "	12 "
GOLDEN SPUR .....	2 "	4 "	8 "	16 "
SIR WATKIN .....	2 "	4 "	8 "	16 "
POLYANTHUS .....	2 "	4 "	8 "	16 "
CHINESE SACRED LILIES .....	4 "	7 "	14 "	25 "



Shannon Conmy Printing Co.  509 Sansome Street, S. F.



Above photo was taken October 15, 1915

## MONARCH PERPETUAL RHUBARB

Rhubarb, or Pie Plant, as it is sometimes called, should be in every garden. If for no other reason, it should be grown for its medicinal use. It is hard to think of anything more delicious than a fresh-made rhubarb pie, steaming hot from the oven.

Mr. Luther Burbank has spent many years of labor on rhubarb, and as a result he has brought before the public many of the well-known varieties on the market today. Burbank's Giant Winter Crimson Rhubarb is planted in thousands of gardens, and by market growers.

Monarch Rhubarb is Mr. Burbank's latest achievement with this plant, and he pronounces this the very best of his many varieties heretofore introduced. Monarch Rhubarb has never before been offered to the public. Read Mr. Burbank's own description of this, his latest variety:

"The best of thousands; has been fully tested for many years. Stalks larger than any of the ordinary crimson varieties, except the 'Burbank Giant.' The plants are of unusual vigor; they multiply into large clumps in a short time and produce more weight of salable stalks than any other. Stalks are medium size, quite uniform, and are produced in perpetual abundance."

Monarch Rhubarb will produce large stalks for cutting throughout the winter months in the climate of the Pacific Coast States and throughout the Southern States. We have a limited number of good, strong roots for sale this season at **25c each**, or **five for \$1.00**. Five roots will keep the ordinary family well supplied with fresh rhubarb throughout the year.