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1922

Gladioli



Grown by

G. D.
BLACK
& SON

Gladiolus
Specialists

~~Albert Lea, Minnesota~~

*Retail
Independence La*

GLADIOLI

Grown by

G. D. Black & Son

Gladiolus
Specialists



Albert Lea, Minnesota

Modern Gladiolus Growing

There has been such a wonderful advance made in the gladiolus during the last few years that many who know it only as it grew in mother's garden, fail to recognize it, as they gaze on an exhibit of the large and gorgeous colored flowers.

It has been so much improved by the intelligent work of plant-breeders that we now have all colors of the rainbow. In flower and habit of growth it resembles the exquisite lily, and in the shades and tints of color it is as beautiful as the expensive orchid but unlike the lily and the orchid gladiolus can be successfully grown in an ordinary garden.

No other flower gives so much satisfaction at small expense. It does not make a litter by falling to pieces, and it is well adapted for the sick room, having no oppressive odor.

If the spike is cut when the first flower is fully open it will bloom in the vase for a week or longer if the weather is cool. Each morning the water should be changed, the withered blooms removed, and an inch or more cut from the base of each spike.

We have tested many varieties and discarded most of them. These offered in our list are worthy of cultivation, but we are still looking for better ones. In our tests we have found some of our own, with new names, selling for fancy prices, some with several names, and in a few cases the same name for different varieties. The American Gladiolus Society is trying to unravel this tangle. In our list we have, to the best of our knowledge, given the correct name and put the synonymous names in brackets.

Varieties differ in many ways besides in colors. The earliest will bloom six weeks before the latest. Some varieties never produce

large bulbs and others make bulbs four inches in diameter. Some grow eighteen inches and others more than five feet high.

Gladiolus culture should be a good business for women who need pin money as well as pure air and exercise. I have in mind a lady who has made a great success of growing and selling gladioli and her yearly income now amounts to thousands of dollars.

The prospective grower should be sure that he is getting young planting stock. The old, large bulbs are almost worthless for propagating, although they may produce fine flowers for a few years before deteriorating. Bulbs two years from the bulblet are usually best for flowers. Yearlings are best for bulblets and will usually all bloom except the smallest sizes, but they will bloom later and the flowers will be smaller than from older bulbs.

Gladioli will do well on any soil that will produce a good crop of corn or potatoes. A sandy loam is best, and heavy clay the poorest. I have had good success on heavy soil by covering the bulbs lightly with sand before leveling up the ground. Care should be taken that no fresh manure comes in contact with the bulbs. They may be planted any time in the spring when the soil is in good condition. Large bulbs may be planted as late as the first of July, and most of them will bloom before frost. Large bulbs should be planted six inches deep and the smaller ones in proportion to their size up to two inches deep for the smaller size and bulblets.

We make our rows thirty inches apart and leave one inch of space between the bulbs. Bulbs one inch or more in size should be placed right side up, and smaller sizes may be placed in any position.

When planted where they cannot be cultivated with a horse, the rows should be fifteen inches apart and the bulbs three or four inches apart in the row; or when planted in a solid bed six or eight inches apart each way.

Cultivation should be continued once a week until after the blooming season, and also as soon after each rain as the soil will permit. This destroys the weeds when the seeds are germinating and creates a dust mulch to conserve the moisture.

The bulbs are dug in the fall after the tops ripen or are killed by freezing. The tops are cut or broken off just above the bulb, and the bulbs put three or four inches deep in crates to cure. A small quantity may be stored in a market basket and placed on a shelf or hung from a joist in the cellar.

The old shriveled bulb and roots can be easily pulled from the new bulb after they cure a few weeks. This work can be done during the winter or any time before planting. They must be kept dry and where they will not freeze. A temperature from 32 to 40 degrees is best.

The prices per dozen of each include prepayment of postage or express charges. At prices per hundred they are not sent prepaid.

If those who wish to buy in large quantities will send us a list of their wants we will make special quotations.

The Flower Grower

A monthly publication for both amateur and professional growers of the gladiolus is published by Madison Cooper, Calcium, N. Y., at \$1.00 per year. Sample copies on application to the Publisher. We recommend this magazine to all gladiolus growers.

Named Varieties

In the past few years we have tested hundreds of named varieties of gladiolus discarding the greater part of them as worthless. The following we have selected as worthy of any flower lover's garden.

One dozen at ten times the price of one bulb.
Adalina Patti—Deep violet, larger and stronger than Baron Hulot, 25c.

Alice Carey—Pure white with lavender stripe on lower petals. 10c.

America—The most popular light pink. 5c.

Amethyst (114)—Large flower, purplish pink with large light center. Rather late. 5c.

Arizona Rose—A large flower of finest rose-pink color. Almost a solid color. Very choice, 15c.

Attraction—Crimson, large pure white center, 5c.

Augusta—White, often tinted lavender, 5c.

Autumn Queen—Creamy white with bright red markings on lower petals. A good florist's variety, 5c.

A. W. Clifford—Old carmine red with amaranth red throat and lighter and lilacy tinted medial lines, 15c.

Baltimore (Salmon Queen)—Salmon, with cream markings, 10c.

Baron Hulot—Deep indigo or violet blue, 5c.

Berkshire—Delicate shade of pink with beautiful markings, 10c.

Bernice (No. 111)—Light yellow with buff and pink markings. Very fine. 5c.

Bertrex—White with lilac markings, size and form of America, 15c.

Blackhawk—This is one of Kunderd's seedlings. The flower is open and large, cardinal red, nearly black center, 10c.

Blood Spot—Mahogany; red splash on lower petals, 5c.

Blue Jay (Groff's)—The true variety, not Baron Hulot, which has been sold under this name. Tall, strong plant. Flower wide-open; light blue with white and maroon throat. The finest of this color, 20c.

Bluvista—Snowy white, iris blue markings, 10c.

Bonita—Pure white, but sometimes pinks in the hot sunshine. Slightly frilled or ruffled, 20c.

Bordeaux—Wine color. An extra good variety from Holland. 10c.

Brenchleyensis—Rich vermilion scarlet in long spike, all open at once. An old sort, but still in demand for mass of color, 5c.

Burrell—Dark red, large flower and compact spike; handsome butterfly markings. Robust habit. Excellent. (Called also Napoleon.) 5c.

Candidum—Large white lily shaped blooms, 10c.

Charlemagne (French)—Giant type with very large open-flowers on massive spikes; sunrise red, flaked darker and marked with large, creamy white blotch, densely spotted with purple carmine, 15c.

Chicago White—Tall spike and good medium-size flower. Many think this is the coming white for florists. Certainly fine. Early, 5c.

Chocolate—One of our seedlings, attractive on account of its peculiar color, salmon flaked with chocolate, 10c.

Clarice—Rich rose pink, flaked and suffused with deeper tint. Large, well-opened flowers on strong spike, 10c.

C. M. Kelway—Creamy pink, long spikes. very good. 10c.

Corry—Salmon pink. An exceptional Holland variety. 10c.

Crackerjack—Large flower; rich, dark, red with lighter throat, 5c.

- Crystal White**—A fine early white, strong, 10c
- Czar Peter**—Dark wine red, 10c.
- Daisy Rand**—Pink, buff in lower petals, 15c.
- Dawn**—Tracy's, rose pink of a beautiful tint, 15c.
- Earliana**—An extra early seedling of America which it somewhat resembles in color, 10c.
- Early Pink**—Flower nearly as large as Mrs. King and similar in shape and open arrangement on the stem; salmon pink (not rose); very early, 5c.
- Empress of India**—Rich dark, velvety red, almost black; satiny buds. Very distinct. 10c.
- Evaline** (No. 11, John Schmelzer, Smoky Violet, Large Purplish)—Large, open flower, thickly flaked with violet on terra cotta, 5c.
- Evelyn Kirtland**—Beautiful rosy pink with brilliant scarlet blotches, very long graceful spikes, 20c.
- Ezra Rust**—Light blue, mahogany center, 5c.
- Florence**—Large bright lilac, white center, 25c.
- Gaiety**—Large, salmon pink, white blotch, 15c.
- Gay Butterfly**—Salmon with large yellow blotches on lower petals, large flowers, long spikes. Extra good. 10c.
- George Paul** (Harvard)—Very large maroon flower, slightly stained yellow, 5c.
- Glory**—(Kunderd). Amber-white slightly suffused with light rose. The original ruffled variety. 10c.
- Glory of Holland**—A very good white, 5c.
- Gold Coin** (No. 77)—Yellow, with red blotch; almost like Lady Howard de Walden. 5c.
- Golden King**—The color is a bright glistening yellow with a striking crimson blotch in the throat. Many good judges say that the dark center makes the flower more beautiful than if were all yellow. **Golden King** produces a large spike from mature bulbs and from 21 to 23 flowers are common. From six to eight

of these are often found open at one time. The flowers are large, round and broadly expanded and are well arranged on a strong spike, 10c.

Golden Russet—Primulinus hybrid, beautiful dark orange, tinted red, small flowers on a long spike, 10c.

Golden Princess—This is a seedling from Golden King by Primulinus and is good size for a Primulinus Hybrid. Color is the clearest deep golden yellow. Inclined to make crooked stems in very hot weather. 10c.

Golden West—Deep orange scarlet, large, 10c.

Goliath (Holland)—Extremely large, dark wine colored flower, 20c.

Grechen Zang—Soft pink shading into scarlet, tall and graceful, 15c.

Halley—Very large, wide-open salmon flower of delicate tint; a great acquisition; very early. A vase of these flowers is most beautiful. First Class Certificate, 5c.

Herada—The large blossoms are pure mauve with deeper markings in throat, 20c.

Hiawatha—Rosy pink with yellow blotch on lower petals, spotted and finely dotted crimson red, petals often splashed. A very neat looking bloom, 15c.

Hohenstauffen—Large white, star shaped flower. Strong. 10c.

Hyde Park—Light pink flaked deeper pink, 10c.

Ida Van—A most beautiful deep salmon red, or flaming orange-pink. Very rich and brilliant color. Highest award at Cleveland, and certificate at London, England. 10c.

Independence—The best light red for artificial light, 5c.

Intensity (Scarlet Beauty)—Scarlet, beautiful light center, 10c.

Itasca—Salmon with large bright yellow center, 10c.

- Jean Dieulafoy**—Very wide creamy white flowers with lower petals blotched maroon. Lasts long as a cut flower, 10c.
- Jessie**—Rich velvety red; small yellow line in lower petals; long spike of well-opened flowers; early, 10c.
- Jessie Palmer**—Pure white, scarlet blotch, 15c.
- Jumbo (Prestgard)**—A very large and robust light pink, marked and dotted. Fine. Try it. 15c.
- Liebesfeuer**—Extra fine scarlet, 15c.
- Lily Lehman**—Extra fine lily-formed flower, generally pure white with very faint lemon tinge (no blotch) in throat. Sometimes tinged pink. Often has two or three branches and is early, 5c.
- Loveliness**—Very large wide open flowers of palest cream suffused apricot in throat. Flowers well placed on straight spike, 15c.
- Mabel**—Dark pink, large light center, 10c.
- Mahogany**—A seedling of Midnight, dark maroon, jet black center, 10c.
- Maize**—Light cream with dainty crimson markings, 10c.
- Mary Fennell**—Beautiful light lavender flowers on a tall, slender spike, lower petals penciled with primrose yellow, 15c.
- Master Wietse**—Dark violet, long spikes, 15c.
- Maude**—One of the very best light-colored gladioli. Creamy white with maroon spots in lower petals, 5c.
- Meadowvale (Canada)**—Pure white with line of delicate pink in lower petals, 5c.
- Mephistopheles**—Large flower of bright red, effectively marked with black and yellow, 10c.
- Midnight (Africana)**—Nearly black or dark maroon, 5c.
- Minnesota (Sterling)**—Pale cream; very small maroon blotch, 5c.
- Michigan**—Large pinkish scarlet, one of the best, 10c.

- Moonshine**—A *Primulinus* Hybrid, medium size flower. Color very light cream, 10c.
- Mrs. Francis King**—Very large scarlet flower; in great demand, 5c.
- Mrs. Frank Pendleton, Jr.**—Bright rose pink, very large carmine blotch, 10c.
- Mrs. Jas. Lancashire**—Salmon cream, 10c.
- Mrs. O. W. Halladay**—Delicate soft silky pink with creamy blotch. One of the finest florists' varieties. 20c.
- Mrs. Watt**—Brilliant wine red. Fine flower and spike; vigorous and productive, 10c.
- Mrs. W. E. Fryer**—Fiery orange scarlet, vigorous grower, one of the best for landscape planting, 15c.
- Myrtle (Kunderd)**—A beautiful flower. Light pure penciled rose. A *gandevensis* variety and a great favorite with the cut flower trade, 10c.
- Nezenscott**—Bright scarlet black blotches, 10c.
- Niagara**—Light yellow, throat shaded deeper. Large open flowers on a strong spike. For color, texture, and keeping qualities this gladiolus is one of the very best. 10c.
- Norma de Childs**—Very light pink, lemon throat, 10c.
- Old Rose (Chocolate Drop)**—Deep rose fawn. An odd color, 5c.
- Ophir**—Primrose yellow, with dark red blotch on lower petals—tall spike and an exceedingly fine variety, 10c.
- Panama**—Resembles parent, America, but is a deeper shade of pink, 10c.
- Paris (Hoeg)**—A very beautiful flower. Light pure pink, throat penciled French purple. A very attractive pink. (Trial ground report from Cornell.) 15c.
- Peace**—Large, vigorous white, with lilac feathering in lower petals, 10c.
- Peerless Pink (Hoeg)**—This is one of the finest pinks and much admired. Color pure

- pink, throat lighter, flushed deep rosy pink. Plant tall and strong. Extra, 15c.
- Perfection**—Bright pink flaked with darker pink, 5c.
- Pink Beauty**—Rose pink with darker blotch. Long spike, very early, 5c.
- Pink Perfection**—Beautiful large pink, 10c.
- President Taft**—Delicate pink, red blotch, light line through each petal. Flower and spike large. Late, fine, 5c.
- Pride of Goshen**—Salmon or flesh pink. Flowers very large and petals elegantly waved. Exceptionally tall and vigorous plant. General appearance imposing. 15c.
- Primulinus Seedings**—Mostly yellow shades, with markings of other colors, 5c.
- Princeps**—Large crimson, light blotches, 5c.
- Principine**—Like *Princeps*, except smaller flowers and more of them, 10c.
- Prince of Wales**—A new salmon variety that is making a sensation. It is early, like *Halley*, but a clearer salmon, more yellowish and without the throat markings. It increases rapidly and blooms a perfect bouquet, even from small bulbs, 15c.
- Prophetesse**—Large, round flowers, pearly white with crimson throat, 5c.
- Queen Wilhelmina** (from Holland)—Very beautiful large open flower of delicate apple-blossom pink with pale blotches on lower petals. Extra good. Makes a mass of flowers in the row. 15c.
- Red Emperor**—Very large clear red, 25c.
- Rosella**—Large light rose, wide open and flat, with white throat. Favorite. 10c.
- Rose Wells** (Austin)—Large wide-open blooms; light clear rose color with small attractive blotch of lilac rose and yellowish green, very tall branching spike, slender and graceful, 15c.

- Rouge Torch** (No. 113)—Large white with scarlet feather in lower petals, 10c.
- Scarlet Feather**—White with scarlet feather in lower petals, one of our seedlings, 10c.
- Scarlet Velvet**—Dark velvety scarlet. Very good. 10c.
- Scarsdale**—Large lavender pink, 5c.
- Schwaben**—Sulphur yellow, maroon blotch, very strong grower, 10c.
- Shenandoah**—Fine large dark pink or red, 10c.
- Sulphur King**—Best clear yellow Gandivensis, 15c.
- Summer**—Rich magenta light center, 10c.
- Sylphide**—Orange with red markings, very distinct, 10c.
- Taconic**—Bright pink with lighter markings, 5c.
- The'ma** (No. 95)—Cerise, with large dark blotch, 5c.
- Titanic** (Dr. Hoeg)—This grand and unique variety is pronounced by most discriminating judges as the finest novelty in dark colors for several years. It is a robust grower and increases well, stem erect, flowers large, flat open, of a "lilac purple" of magento crimson color, without throat marking but a white line through center of lower petals, 20c.
- Velvet King** (No. 312, Emma, Wm. Mason, Sidney Grant)—Best red for outside blooming, 5c.
- Victory**—Delicate sulphur yellow, 5c.
- Wamba**—Enormous blooms of deep salmon pink, irregular form, folding and ruffling, 15c.
- War**—Deep blood red, very strong grower, large and fine, 10c.
- White King**—White with wine markings, nicely ruffled, 10c.
- White Lady**—Pure white with white anthers. 15c.
- Willie Wigman**—Creamy white, flushed with

- pink; crimson blotch on lower petals, 5c.
Wine King—Purple-wine color, 10c.
W. R. Burt (No. 79)—Magenta and crimson with lilac markings, 5c.

POPULAR MIXTURES

A good mixture is perhaps the most economical to buy, especially when you do not care to keep each variety separate.

We sell them very cheaply because we save the expense of labeling each bulb or each variety. Our mixtures are mostly made from named varieties grown separately.

The prices per dozen or each include prepayment of postage or express charges. At prices per hundred they are not sent prepaid.

Brightside Mixture—During the past few years we have bought in quantity, from most of the principal growers, what they call their best mixtures. We have selected the best from these mixtures, which together with most of the named varieties which we list and some of our best seedlings, we have named "Brightside Mixtures." As we wish to preserve the reputation of Brightside, we shall strive to have this mixture as good as the best. 25c per dozen; \$1.50 per 100.

Florist's Light Mixture—Composed of white, light and yellow shades suitable for florists' use. 25c per dozen! \$1.50 per 100.

Extra Yellow Mixture—Named varieties of orange, yellow and cream shades. 25c per dozen; \$1.50 per 100.

Extra Pink Mixture—Named varieties. Mixed 25c per dozen; \$1.50 per 100.

Extra Red Mixture—Named varieties. Mixed 25c per dozen, \$1.50 per 100.

XXX Mixture—Nearly all named varieties and selected Groff's grown in mixture. \$1.25 per 100; \$10.00 per 1,000.

Blue Mixture—Our best blue seedlings. The best selected from other blue mixtures and named blues. 25c per dozen; \$1.50 per 100.

SPECIAL WHOLESALE PRICES

We have grown large quantities of some of the best varieties and in order to encourage larger plantings we are giving you the benefit of wholesale prices.

Purchasers must pay transportation charges by express or parcel post which average only about 1 cent a pound for 150 miles.

These special prices hold good only until our surplus stock is reduced. Bulbs are all good blooming size, one inch and up. Price in first column is for 10 bulbs and in second column for 100 bulbs. Price per 1,000 bulbs at 100 rate multiplied by 9.

	10 Bulbs	100 Bulbs
America	\$.25	\$2.00
Bernice .....	.25	2.00
Burrell .....	.30	2.50
Blackhawk .....	.30	2.50
Chicago White .....	.25	2.00
Golden King .....	.60	5.00
Maude .....	.25	2.00
Meadowvale .....	.25	2.00
Mrs. Francis King.....	.25	2.00
Mrs. Frank Pendelton.....	.75	7.00
Niagara .....	.40	3.50
Peace .....	.40	3.50
Pres. Taft .....	.25	2.00
Burbank's Seedling .....	.30	2.50
Primulinus Hybrids .....	.25	2.00

GOLDEN KING

—has been awarded highest honors—

A First Class Certificate

by the National Gladiolus Society of England

Greeting

We have a lot of these old catalogs left which we are using by inserting these pages. By this economy we are able to give better value to our customers.

The prices of some varieties in old list are now lower and we will make up the balance by extra bulbs or, if you will send us a list of your wants, we will quote special price on the lot.

We intend to keep our customers satisfied by meeting any responsible competition and also sending extra bulbs for trial.

We have a surplus of a good many varieties but not enough of each to include in wholesale list. We will be glad to quote special prices on these to those who wish to plant in larger quantities than quoted in this retail list. When writing, state number and size of each variety wanted.

Three Novelties For 1922

Originated by Us

Florabelle. A seedling from Mrs. Austin's Easter Bells. A tall strong grower, color canary yellow. We consider this better than Flora which sold last season at \$1.00 per bulb, but as we have conscientious scruples against charging high prices for our novelties, the price will be 20 cents each and limited two bulbs to each customer.

Albert Lea. Brilliant red with large pure white center like Contrast, but larger and better grower, limit two bulbs to each customer—20 cents each.

Cream White. A seedling of Elizabeth Kurtz, entirely white with a faint tinge of cream when first open, 10 cents, dozen \$1.00.

Our stock of the following is not large and we may not be able to supply some of them late in the season.

Annie Eberins. We think this is the best of the Diener varieties that is now offered at a reasonable price. Dark velvety purple—rose. Large and fine, 20 cents, dozen \$2.00.

Crimson Glow. (Betscher). Fine red. 40 cents.

Clear Eye. Large crimson red with light center from Holland 10 cents.

Dairy Maid. Selected from Graff's Hybrids and named by Woodruff. Beautiful creamy pink with bluish lavender center, 10 cents, dozen \$1.00.

Empire. A companion of War and Red Emperor, but a brighter red, 10 cents, dozen \$1.00.

Etenard. An old French variety. Cream, yellow with large, bright red center. 30c.

Fire King. Bright red. 5c; Dozen, 50c.

Helen Franklin. Early, white with violet markings. Ruffled. 20c.

Helen Todd. Light pink with large crimson center. 15c.

La Luna. Light cream with brown blotch 10c. Dozen, \$1.00.

Lavender. A selection from Burbank's seedlings, evidently a seedling of America. Color, lavender. 5c. Dozen, 50c.

Lilywhite. Early and a good grower, 25 cents.

L'Immaculee. White, 15 cents.

Le Marechal Foch. Color, like America but much larger and earlier. Medium sized bulb, 30c.

Louise. Large, lavender, lighter in center with maroon blotch. Medium sized bulb, 40c.

Mrs. John R. Walsh. A seedling of Mrs. Pendleton. Very large, flesh pink, with flame colored center. Ruffled. \$1.50 each.

Mrs. Dr. Norton. Fine cream and pink. 50c.

Prince of Orange. Color, orange. One of Kunderds. 10c.

Rose Glory. Beautifully ruffled shading to deeper rose in center. 40c.

White Glory. Ruffled, white with iris markings in throat. 30c.

Diener's Seedlings. This mixture includes some of Diener's named varieties. We marked out some last season that retails as high as \$1.50 each, and there are plenty more extra fine ones yet. It is by far the best mixture we have ever grown. Dozen, \$1.00. 100, not prepaid, \$5.00.





