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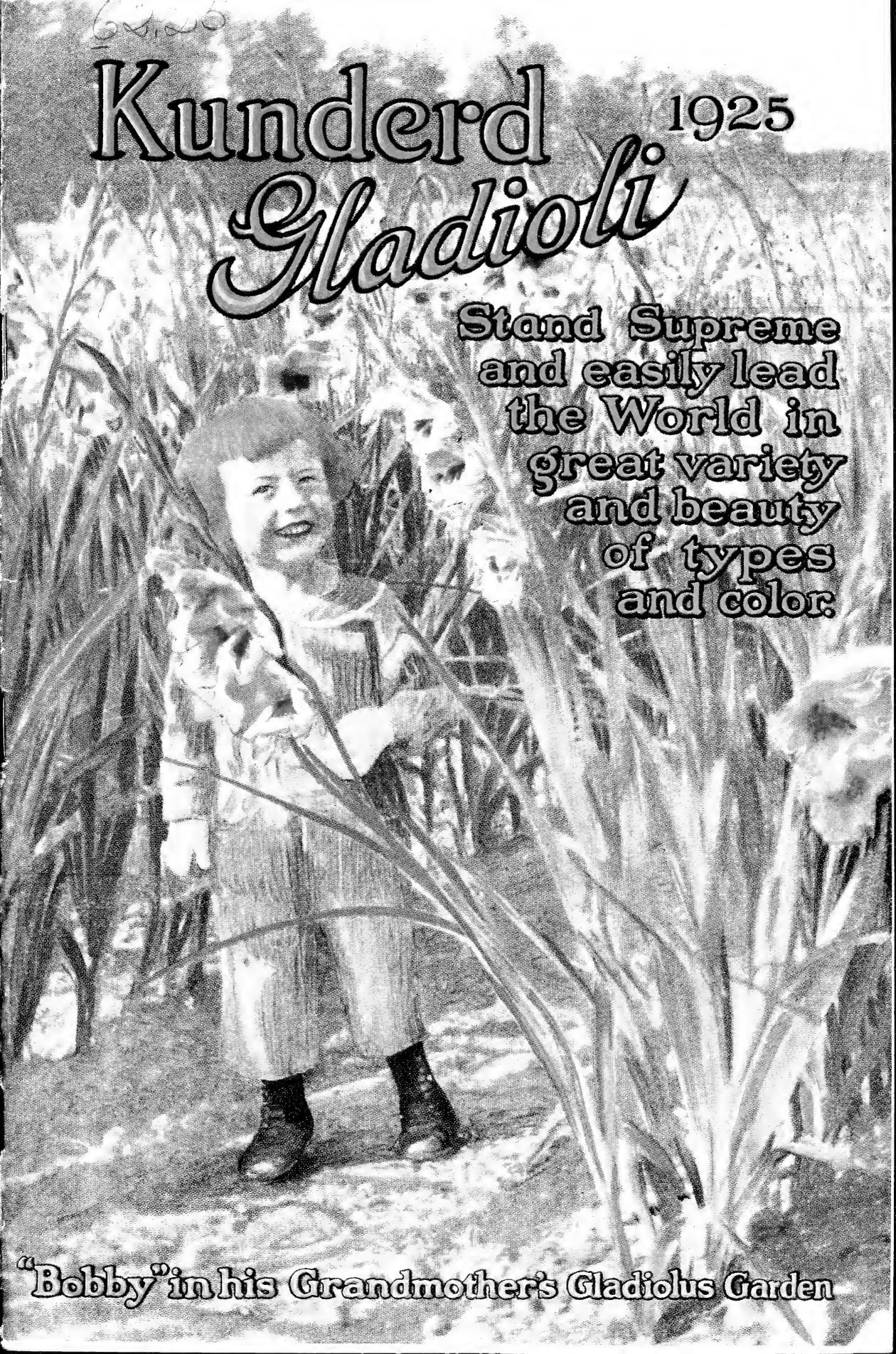
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62,200
Kunderd

1925

Gladioli

Stand Supreme
and easily lead
the World in
great variety
and beauty
of types
and color.



"Bobby" in his Grandmother's Gladiolus Garden

ABOUT one hundred years ago there were no such gladioli in existence as we have now. There were only what are known as the species or the "wild" gladioli native mostly in South Africa. A few of them were natives of Northern Africa, Southern and Southeastern Europe and Asia Minor. These species were, with few exceptions, not beautiful and were mostly weak growing plants, not suitable for growing in our Northern climates. The few species that were beautiful were none of them of such magnificent colors as we now find among thousands of beautiful kinds.

Scientists had discovered that flowers were endowed with sex, same as animals, birds and other living creatures; that is, there were male and female characteristics among them. Then came men who realized that the "species" might be crossed and entirely new colors and types might be originated. The first work of crossing the species or "hybridizing" the gladiolus was begun in Belgium less than one hundred years ago, resulting in what is the common old-fashioned Red Gladiolus of our grandmothers' gardens. Enthusiastic plants-men who now realized the possibilities of improving our flowers by crossing the species and, later, the resulting varieties called hybrids, made many experiments and soon many improved varieties resulted. Whole races sprang up in this way as the result of painstaking labors of skilled gardeners in Belgium, France, Germany and other countries.

No flower is susceptible of greater change and improvement than is the Gladiolus. At least six distinct races or types are now in existence, each represented by many variations of colors, shades, combinations of colors, and tints, until today no other race of flowers surpasses the Gladiolus in beauty and variety, and their popularity is becoming equal to that of the rose, carnation and our other most popular floral beauties. Whole farms are now devoted to their growing, and large sales organizations have been formed for their distribution among all the peoples throughout the world. Experienced "originators" are still at work on improving the forms and colors, and even today new types are being created. No one knows where the work of improvement shall end. This great work of improvement by crossing and selection is also going on among breeders of animals, birds, fishes, etc., and were the human race as scientific with themselves as with their cattle and livestock, marvelous new races, or rather blending of races, or of nations at least, might easily result. This should be the goal of human improvement and might easily be the means of bringing about the Eutopia our great men and women have dreamed of and prayed for these thousands of years and bring final good will and peace among all the nations of the Earth. Let us hope that God may speed the day and such an era may be our destiny.

THE BEAUTIFUL GLADIOLUS

THE Gladiolus as now known to those who know and grow the best is unsurpassed by any other flower. Its ease of culture, lasting quality as a cut flower, and great variety of beautiful colors, shades and color combinations is practically endless. No color paintings nor word descriptions can do justice to their beauty. They must be seen to be appreciated. So great is the charm of the Gladiolus that it is rapidly winning a place in popular esteem beside the Rose, Carnation and others of our most famous floral beauties. Roses, Carnations, etc., can only be grown successfully in greenhouses, and in certain sections in the open, whereas the Gladiolus can easily be grown by almost any one in every part of our country and in most soils and situations. Its season of blooming from successive plantings also far outrivals the brief blooming periods of such grand floral subjects as the Iris or the Peony and Chrysanthemum. It is also very suitable for growing in greenhouses, where it develops to wondrous perfection and delicacy of color and beauty. Only good garden soil, frequent cultivation and ample watering is necessary to bring you a profusion of these beautiful flowers. Grow at least a moderate collection this year if you have never done so before, and you will be amply repaid for your labors in the pleasure and pastime you will receive, and no doubt you will become an enthusiastic grower as have so many others all over the world.



GLADIOLI—THE KING OF THE FLOWER GARDEN

Taken in the Garden of F. M. Lee, California.

(We will be glad to receive photographs of your Gladiolus Garden.)

Entire catalog including illustrations. copyrighted 1925 by A. E. Kunderd.

A LETTER TO MY CUSTOMERS AND FRIENDS

GLADIOLI 'KUNDERD' KNOW THEM BY THEIR RUFFLED PETALS

'THEY ARE GOOD WHEN THEY COME FROM KUNDERD'



Goshen, Indiana,

November, 1924.

IT IS NOW over forty years ago that I first became interested in the Gladiolus. At that time but few fine varieties were available to the general public. Several new races and many new varieties have been introduced during this time and it has been my privilege to secure the best obtainable each year. I early began to apply the science of plant breeding (or hybridizing) to the improvement of the Gladiolus. The methods of selection and matings which I employed gave me many exceptionally choice kinds and began the foundation for the production of that now so famous and universally popular Ruffled Gladiolus based on the infusion of "wild" varieties, known as species having the Ruffled characteristic, from foreign lands. This work has also resulted in the production of many of the most beautiful and popular plain petaled varieties. Early in the "creation" of the Ruffled strains, during my studies and experiments with the species, I discovered some of them which had a tendency to develop a more or less lacinated petaled type among their offspring. After a number of years of experimentation with this form I was enabled two years ago to offer the first of this type, "Lacinatus," to the world. I have carefully worked up a fair sized stock of "Lacinatus" in order to now offer it to my friends at a moderate price, considering its importance for breeding purposes. Many other beautiful Lacinated petaled varieties are now being grown into quantities at my place to be introduced during the next few years. (Please notice my offers of it on page 17 of this catalog.)

The wonderful collection of "new creations" which I have developed these forty years enables me to make many thousands of combinations in crossing, producing any array of marvelous new varieties unequalled by any other originator in the world. Still other beautiful types in many color combinations are sure to result from this collection.

The prices in this year's catalog will be found very much reduced on most of the varieties. You will also find many valuable Special and Combination offers. Don't fail to read the description of my new "Wonder" mixture on page 11. Mixtures offer by far the greatest value to those who do not care to buy the high-priced named varieties. In no other way can you buy as much for your money as in buying in mixtures. Of course, when quantities of any given color or variety are desired they can only be secured by ordering under name or number.

I have also reduced my lists very materially this year. Although no variety in my previous catalogs could be considered a poor one in its class, a very few were somewhat similar to some other kinds or improvements of similar color. Some are now temporarily discontinued in order to grow on larger stocks in a year or two, and when stocks are large enough will be listed again.

A. E. KUNDERD.

WHAT KUNDERD GLADIOLI HAVE DONE FOR THE GLADIOLUS

WHEN the "creation" of a new race or type of Gladioli, The Ruffled Gladiolus, was first announced by me, it created a sensation. No less an authority than Mr. Leonard Barron of "Country Life" pronounced it "an epoch-making event in horticulture." Luther Burbank, Dr. Van Fleet, Mathew Crawford, and many other great horticulturists have complimented me on the origin and introduction of such a distinct and decided departure from the regular types. Numerous enthusiastic growers began to grow my ruffled varieties and experiment with them also, in the hope of producing some varieties of their own. There were but few critics who would (usually from interested motives) detract from the new race. The gardening public and lovers of beautiful flowers everywhere were enthused with the new type, and soon inquiries from many foreign countries also began to come in, until today these new Gladioli are loved and praised the world over. Many exhibitions of Kunderd Gladioli are now staged annually at all of the large Gladiolus shows, not only in the United States, but also in England, Canada, Japan, Australia, etc., and everywhere they elicit the very highest praise.

Read the fine testimonials in this book, and you will not need to take my word for it, nor be long in doubt. In fact, this catalog could be filled with the letters of praise my Gladioli receive from enthusiastic customers each year. Many fine articles have been written about them in various horticultural journals, magazines, etc., in England, America, Canada, and elsewhere. I am only sorry that for want of space I cannot print all of the fine letters and testimonials received.

The greatest joy to an originator (next to a first sight of the revelation of some marvelous new variety) is the pleasure of having produced something useful and good to help beautify and elevate the world. Not only ruffled varieties have been produced, but this vigorous new race has been the means of bringing about many of the most beautiful plain petaled varieties in the world today, such as Mrs. Frank Pendleton, Mrs. Dr. Norton, Mary Pickford, and a host of others, which have been awarded highest honors around the world, and brought beauty and joy to millions.

By the infusion of Species Primulinus into the new Kunderd races of Gladioli, the finest race of Primulinus Hybrids by far has been developed. Yellow varieties, excelling anything in this primary color that has gone before, will soon be ready for introduction.

Recently (in my 1923 catalog) I announced a new Lacinated type, which I am sure will soon be accorded as enthusiastic praise as any preceding strain. Upright types are also in course of development, which will be certain to receive approval. Originators of Gladioli everywhere are eagerly purchasing my new introductions from year to year for use in their own work. The impulse given to the growing of the Gladiolus, both as a garden ornament and for cut flower purposes, by Kunderd Gladioli, is rapidly bringing the Gladiolus to the front as perhaps the most universally adaptable of all flowers, and I look for the development of Gladiolus growing to become the most important branch of modern floriculture.

In almost every moderate size town Gladiolus Societies are being formed and annual exhibits held, and perhaps no other flower is becoming so popular as is the modern Gladiolus. There is no doubt but that literally "thousands will be grown where one is growing now."

KUNDERD QUALITY GLADIOLUS

IT IS hardly necessary for me to say anything along this line, certainly not to the many thousands who have bought Gladioli bulbs from me direct. I know my lists are long, but I have taken great care not to catalog any poor varieties, nor any which might be almost alike. Not every variety can be the best in the world, but I don't want to intentionally catalog anything which I do not admire myself, or would not gladly grow if I saw it somewhere else. In fact, the longer the list a grower takes care of, the more tedious and arduous his labor becomes. Surely I have enough high-class varieties to offer that I would not need to send out anything without some good feature or novelty to commend it to my friends.

To mention only a few of the recent awards granted these popular and improved new Gladioli: At the American Gladiolus Society's annual exhibit at St. Thomas, Ontario, Purple Glory and Marshal Foch were awarded the highest honors, while at Boston Fern Kyle and E. J. Shaylor won the highest awards.

Two years ago, at the American Gladiolus Society's exhibition at Kalamazoo, Kunderd Gladioli won The Mitchell Silver Medal for largest and finest collection (with 308 varieties), The American Gladiolus Society's Medal for the best collection of Primulinus Hybrids (with 120 varieties), and the Garden Club of America's Medal for best new seedling. At the New England Gladiolus Society's show at Boston summer of 1923 an exhibit of over 200 varieties won first for (by far) the largest and finest collection and an extra medal for special merit.

Mr. Chas. E. Ring of Toronto, Ontario, offered a special 36-inch silver cup on a beautiful genuine ebony base "in honor of A. E. Kunderd and his work" for the best spike at the summer show at Toronto. The cup was awarded for a spike of Purple Glory. (Purple Glory is a Kunderd variety.) At the annual exhibition of the Ontario Gladiolus Society held at the Ontario Agricultural College, Guelph, Ontario, August, 1923, The St. Thomas Horticultural Society won first for the best spike with Mrs. Dr. Norton (also a Kunderd variety), and first for best decorated hamper with Kunderd's "Salmon Beauty."

At the Iowa State Fair, Des Moines, Iowa (1923), where \$500.00 in cash was awarded, over 200 Kunderd varieties (exhibited by one of our customers) easily won first. At the annual Gladiolus show at Indianapolis held July 27-28, 1923, Purple Glory again won first, a silver cup, for best variety at the show, and Kunderd's Primulinus Hybrids took first award and were in very great favor with the visiting public.

The two most universally popular Gladioli, Mrs. Frank Pendleton and Mrs. Dr. Norton, the highest class Primulinus variety, Alice Tiplady, and the greatest Ruffled variety, Purple Glory, are all Kunderd productions.

I exercise great care in growing and caring for the bulbs at all stages. All bulbs are strictly young bulblet grown and from bulblet grown young bulbs (such as are grown from bulbs which have not bloomed more than once) are sent out. My curing and storing methods are also superior to many of less experienced growers, and all this goes to making "QUALITY." I do not aim to make my prices conform with "backyard specialists" nor price cutters, who often buy what they sell from everywhere. "QUALITY" cannot be furnished in that way. This accounts largely for the great success of my customers in growing bulbs bought from me. Your success depends upon quality and my success depends upon yours. Quality is what you want, and price cutters do not furnish that.

The season of 1924 has again been equally rich in winning highest honors for my customers at leading big exhibits, both in America and abroad. At the Iowa State Fair, where \$1,500 in cash awards were distributed this year, in addition to other valuable prizes, Kunderd Gladioli received most of the awards and were the principal talk at this great show.

KUNDERD GLADIOLI STAND SUPREME

THE thousands of prizes awarded to my customers at hundreds of leading exhibits throughout this country and abroad prove conclusively that Kunderd Gladioli do stand supreme. They easily lead the world in great variety and beauty of color, types and tints. Before their introduction there were no Ruffled nor Lacinated petaled strains. They made it possible (and necessary) to provide another class, the Ruffled type "Kunderdii," and soon it will become necessary to add still another class or type, my new Lacinated petaled collection in many tints and colors.

WHAT IS THE VALUE OF A NEW GLADIOLUS (OR PEONY, IRIS, ETC.)?

TAKE your pencil and figure it out for yourself. A Peony will multiply by its increase in growth about 100% annually, an Iris will quadruple and a Gladiolus will increase much faster. If a very choice new variety of either were purchased at fifty, one hundred or several hundreds of dollars and the variety turns out to become very popular and in great demand throughout the world so that thousands and millions of it could be profitably sold, its first cost would certainly be considered a good investment. Such a variety as "Mrs. Frank Pendleton" would easily have been worth \$500.00 per bulb when the stock was yet very scarce. I myself am now growing on a variety of Peony for which I paid \$300.00 for three small divisions (three fourteenths of the stock) two years ago. In eight years more, ten years in all, I will have over 3,000 plants of this grand variety, and if the price should then be as low as \$1.00 per plant (which it will not), I leave it to you as to whether the first cost was unreasonable.

An inventor of some simple little contrivance or toy can secure a patent for his invention and thus secure himself against any one manufacturing a single item of his invention, and thus he secures a profit for his production; but an originator of a valuable new flower or fruit cannot do so. From the first sale of his new origination the buyer can begin propagation of such a new flower or fruit and very soon can sell in competition with the originator and often at cut prices, which may prevent the original producer from realizing any profit on his valuable production. An originator is entitled to a reasonably big price for any extra fine new fruit, flower or vegetable, providing the purchaser can grow it into a profitable quantity. As high as \$5,000.00 is reported to have been paid in recent years for a single tree of a valuable new apple. I feel fully justified this year in offering several new Gladioli at \$100.00 per bulb. Even at this price only a few bulbs of each will be allowed to pass out of my hands. Of course, such prices should not be invested by any one not an experienced grower. See further note on page 51.

PLANT BREEDERS UNREWARDED

The small and uncertain rewards which come to plant breeders, often after a lifetime of arduous work, is the greatest factor in retarding the development of our cultivated plants today, stated David Fairchild, in charge of agricultural exploration for the United States Department of Agriculture, in a recent press dispatch. The Department of Agriculture is continually bringing in new plants and seeds from all parts of the world, growing them in trial gardens and distributing the surplus of promising kinds to thousands of amateur plant breeders in all parts of the country, but there are too few skillful breeders to carry on the work at the rate which its importance demands, he says.

"As we look over the long list of plant immigrants," says Dr. Fairchild, "we are struck with the fact that most of them will need a long period of acclimatization and many of them will need to be bred with those varieties which we already have before they will prove their full value to the country. The fact that these plants which are introduced need to be selected and bred simply emphasizes the lamentable circumstance that there are too few plant breeders in America and too little encouragement is given to those few to carry on the painstaking long-time work of breeding and selecting plants.

"The general public has scarcely begun to realize the self-sacrifice and life-long devotion to its study which the successful plant breeder must give to any plant before he brings about any permanent improvement in it or the ease with which years of effort may be wiped out in a single season of unfortunate occurrences. Neither has the public appreciated that the emoluments which come to the plant breeder are rarely sufficient to cover even the expenses of cultivation and the care the plants have required. It is this condition more than any other which is retarding the development of our cultivated plants today."

KUNDERD GIFT BOXES

Make very attractive and lasting remembrances for your friends or the amateur gardener. Such a gift gives greater pleasure than cut flowers, as the receiver has the enjoyment of planting and the satisfaction of watching the plants grow and develop into the most beautiful of garden flowers—the GLADIOLUS.

The collection contains early and late varieties and a choice range of colors, giving a long blooming season that extends the period of enjoyment of the "Flowers filled with Gladness." Collection contains eighteen of our choice named varieties in mixture, no two alike, but not labeled. This collection if bought under name would cost considerably more than we are asking here. Full culture directions and a card with your name goes with every package.

Sent prepaid for\$2.50



No Bulbs can be shipped until after February 15, 1925. See page 57.



BOBBY



MARIAN

WE LOVE GLADIOLI AND YOU WOULD TOO

Grow Your Gladioli Well—Some Gladioli are wonderful when well grown, while the same varieties only moderately well grown may look very ordinary or commonplace. Others are beautiful even in only fair condition, owing to certain color, shades, etc.; but even such varieties are far superior when well grown.
A. E. KUNDERD.

Photos of your Gladioli for use in my catalog will be much appreciated.

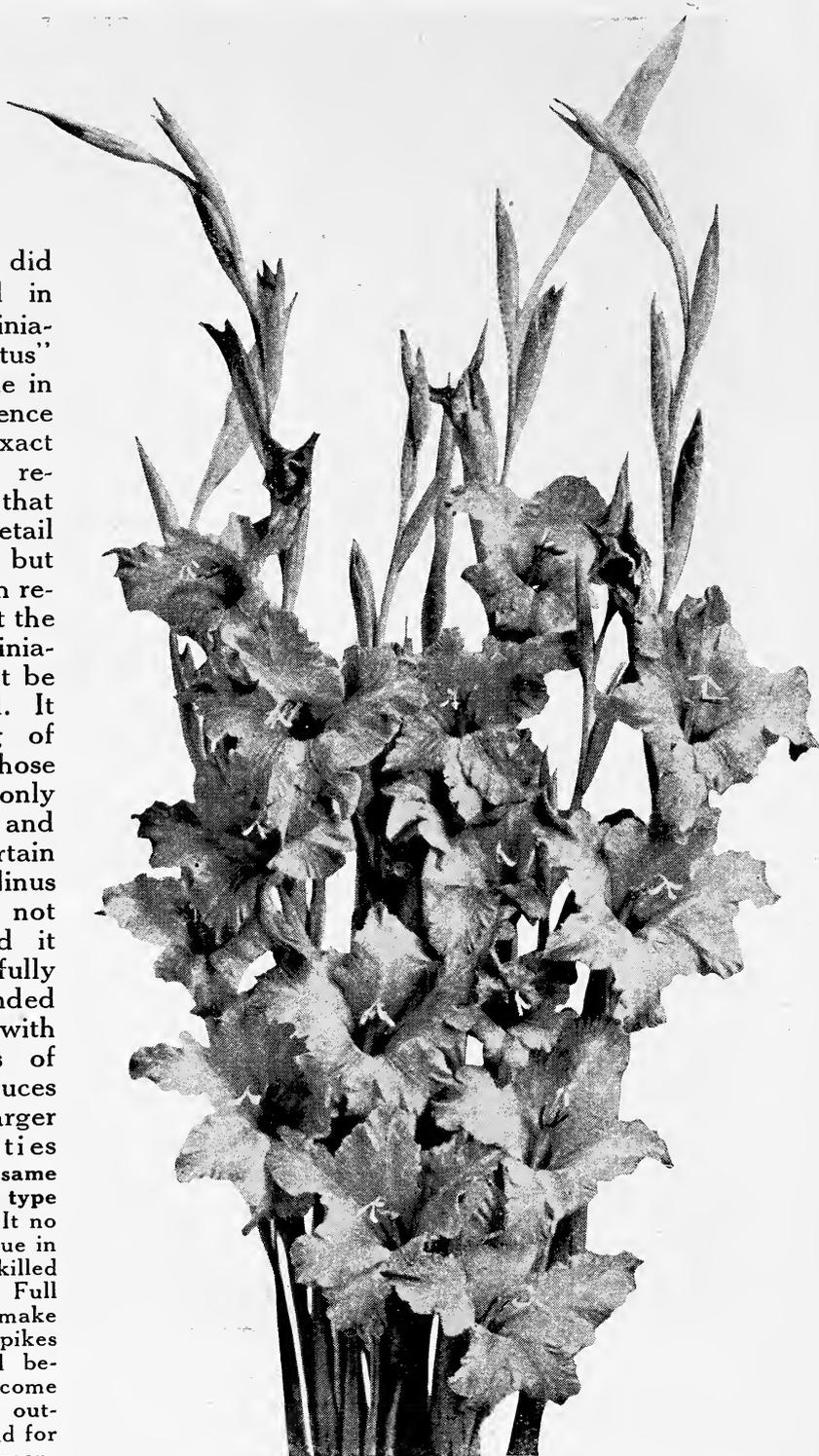


GLADIOLUS "KUNDERDII GLORY"

Description on page 21.

This is the first Ruffled Gladiolus, scientifically produced, ever sent out. It is a beautiful creamy apricot with deeper tint of pink on outer edges of petals and has fine red feathered markings in the throat. With special culture has been grown up to six feet in height. It has received many certificates and awards. We give it first place, as it is the parent of many new ruffled varieties. "Kunderdii Glory" was at first sold for \$1.00 each, but in the hands of a skillful breeder was easily worth a thousand dollars. It is now well known all over the world and generally sells for about 10 cents.

THE engraver did not succeed in showing the lacinations in "Lacinatus" at their full value in the colorplate, hence is here given an exact photograph and reproduction of it that bring out the detail more accurately, but of course so much reduced in size that the value of the lacinations can still not be fully appreciated. It is the offspring of several species whose combination is only known to me and contains a certain percent of *Primulinus* blood, but is not hooded. Instead it has a beautifully open and expanded flower. Crossed with certain varieties of *Gladioli* it produces some much larger flowered varieties than itself of the same beautiful lacinated type in various colors. It no doubt has great value in the hands of a skilled breeder of *Gladioli*. Full size bulbs will make from three to five spikes of bloom each. I believe it will become popular for both out-of-door planting and for growing in the greenhouse, as the flower is very dainty and graceful, which gives it the very artistic appearance.



LACINATUS

(Very much reduced.)



LACINATUS

Hundreds of other fine new lacinated varieties are now coming on at my place, soon to be offered to my customers.

THE above is a fairly good illustration of "Lacinatus", but much overdrawn in size. This new type was offered to the breeder for the first time two years ago. It is the forerunner of another new Kunderd race of Gladioli. Its distinct difference is in its lacinated or fringed petals giving it a very artistic appearance. "Lacinatus" is a rapid multiplier and prolific seed producer. Color a beautiful shade of old rose. Well-grown flowers are $3\frac{1}{2}$ to 4 inches across, and spike is slender, graceful and good length. Each \$50.00 or given with a cash order of \$100.00 as an extra, excepting with the varieties "A. E. Kunderd" and "Mary Jane." See page 17.

HOW TO GROW PRIZE WINNING GLADIOLI BLOOMS

I OFTEN receive inquiries how to grow giant flowers and plants of Gladioli, such as are sometimes seen at exhibitions and described in catalogs. Gladioli may be grown to extremely large size if forced by unnatural methods, if soil and culture are of the best. If possible, the place where the bulbs are to grow should be heavily enriched the preceding year by a liberal application of the richest barn manure, well forked in, in the fall. In addition, a good coat of the same materials should be spread over the spaded surface, in order that its strength may be leached into the soil during the winter and early spring. Some growers also add pulverized sheep manure by scattering along the trenches. Cover lightly before placing the bulbs, then cover the bulbs (or corms) an inch or two and give an additional application over which the remaining soil is placed. (10% to 25% of powdered wood charcoal added to the shredded sheep manure is a valuable addition.) Complete fertilizers with a good per cent of potash may be used to additional advantage. Do not set bulbs too thickly. If largest plants and flowers are desired, rows should be two feet or more apart and bulbs a foot or over apart in the rows.

After the plants are well grown, about the time the "spikes begin to shoot," and the soil is well warmed by the sun, a mulch of well-prepared stable manure should be spread over the bed between the rows. At all times this mulch should be abundantly watered to get the benefit of the fertility and hold plenty of moisture. By carefully making application of these methods and following the other cultural advice given, you can learn to grow "Giant Gladioli" with blooms "six to seven inches across and spikes five to eight feet tall." (See illustration on page 27.)

Caution—Do not think that all the above methods are recommended to be used at one time in any case. Very stimulating or over-high culture does not produce as good bulbs for the following year as those produced with average care. Varieties vary in different soils and seasons. Some do their best only in alternate years. To test a variety properly, do not decide on its merits unless the flower is in good condition. This may take at least several years.

If good bulbs are desired for the following year, four or five strong leaves should be left on the plants when cutting the spikes.

Diseased Bulbs—Bulbs affected with disease or scab may be benefited as follows: Soak bulbs in a bichloride of mercury (corrosive sublimate) solution of one-eighth ounce to each gallon of water. Or: Use two ounces of corrosive sublimate dissolved in fifteen gallons of water, and soak for two hours (for smaller amounts in proportion). Or: Use one ounce of 40% formaldehyde to each four gallons of water and immerse bulbs for twenty minutes to one hour. These treatments are generally employed just before planting. Sometimes it is best to remove the peel before bulbs are treated. The best preventive for all diseases, such as scab, rust, etc., is perfect care and soil conditions, including cautious use of fertilizers. Much rust on foliage is caused by using over-strong or "hot" fertilizers, and by over-watering (waterlogging) the soil.

A BIG TREAT IN STORE FOR OUR CUSTOMERS

New "Wonder" Mixture

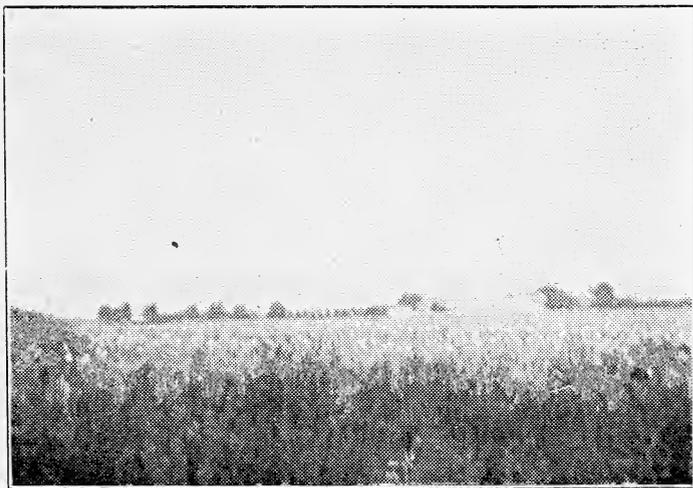
During the past season I bloomed at my place over 300,000 new seedlings which had never bloomed before. These seedlings resulted from thousands of crosses, extending over a period of several years, made among several thousand carefully chosen parents from my wonderful collection of separately grown varieties, many of them to be introduced during the next few years. Among these 300,000 new seedlings were many (about 1,800) which were beyond words to describe and often caused those who were privileged to see them to gasp and to look at each other in amazement. Of course, these great prizes are to be grown on, each separately, for increase and some for introduction in future years. Over 10,000 more, no two alike, were selected for what will become my new "WONDER" MIXTURE. In 100 or 1,000 of these bulbs but few duplicates will be

found, due to a small portion of "double bulbs." Not a single hundred of these bulbs but contains one or more varieties well worthy of naming, and alone will be worth more than the price of the whole hundred. The average will be better than the average of named varieties as found in most of the lists of today.

The purchasers of these bulbs will have to agree when ordering not to name any variety out of this stock in order to avoid duplicating of name and partly because I reserve the privilege of later naming some of these kinds myself as they may appear worthy from their bulblet grown offspring.

Prices, terms, etc., for this new "Wonder" Mixture will be given in my 1926 catalog. Watch for it.

➡ See page 46 for other mixtures.



A SEA (300,000) OF NEW SEEDLING GLADIOLI
IN BLOOM, SUMMER OF 1924 (NO 2 ALIKE)

HOW TO PLANT AND CARE FOR THE GLADIOLUS

TO ANY ONE with a little ground for a garden it is certain that no other flower can give such great beauty for so little expense and labor as a choice collection of Kunderd Gladioli. Any one who is not familiar with these cannot realize what great improvements have been made in recent years. No flower is easier to grow with such little care and no other flower can compare with it as a garden ornament or as a cut flower for home decorations. The wonderful improvements in gladioli in recent years are unequalled by any other flower and its already great popularity is growing by leaps and bounds. You should not let another summer pass without growing a nice lot of these wonderful flowers in your garden. They are so easy to grow and the bulbs can be used for years to come if you will follow their simple requirements of care and storage as fully explained here.

You will find an extensive collection of superior varieties offered on the pages of this catalog. Grow at least a small collection this year and you will become as enthusiastic about gladioli as thousands of others are. This year I am able to give my customers the greatest value I have ever offered, both in prices and the many fine varieties they can now select from as extras with their orders.

Suggestions Where to Plant—Beside the usual method of planting gladioli in rows or beds, gladioli make a fine showing when planted in borders, among shrubbery, roses, etc. Very beautiful effects can be produced by planting the tall marigolds, zinnias, asters, etc., among your gladioli. Plant other flowers among your gladioli as well as the gladioli among other flowers and plants, and watch the results. There are great possibilities in this line and I would appreciate reports and photos of your experiments.

When to Plant for Long Blooming Season—Plant at intervals of about two weeks from first garden-making time until early summer. This applies to all climates and countries.

Depth to Plant—Bulbs may be planted four inches deep and over in mellow soils, and four to eight inches apart in the row. The deeper planting will help to keep the plants from falling over at blooming time.

Planting and Culture—It is of advantage, but not essential, to use new location or soil each season, so that bulbs are not planted oftener than every third year in the same soil. It is best to spade in a good covering of manure in the fall preceding the plantings to follow. The richer the soil and the better the care and culture, the better the results will be. In spring, when the soil is in proper condition, spade deep and pulverize thoroughly. When planting, use only well-rotted manure or high-grade potato fertilizers. Liquid fertilizer or prepared sheep manure can be applied to the soil near the rows once every week or ten days, care being exercised not to make applications too strong. Frequent thorough waterings of the soil in the beds in the evening is a wonderful stimulant and gives the blooms much greater sun resistance and lasting qualities. Keep the soil well worked and frequently, especially early the next forenoon after watering the previous evening. Keep soil crust from forming in the rows among the plants. After blooming spikes begin to show, cultivate only about two inches deep. Do not work the soil when wet. Scotch Soot applied to the soil when plants are half grown, intensifies deep shades. Weak lime water applied to soil shortly before blooms begin to open is said to clarify the more delicate shades. Prepared ground bone, or other high-grade fertilizers, can be sprinkled over the soil near the plants, between rows, and raked in to good purpose. Nitrate of soda (a tablespoonful to two gallons of water for each dozen plants) applied to the soil near the rows once every week or

ten days after buds begin to show color is very beneficial. Or: Sprinkle the pulverized nitrate of soda over the soil, rake in and water.

Never lose sight of the fact that the three greatest essentials to successful growing of gladioli, as of almost everything else, are good soil, good and frequent cultivation and plenty of water at all times. When plants begin to ripen, watering should be discontinued.

Arrangement of Flowers—Many beautiful designs can be made, either with tips of spikes or single blossoms, in rounds, ovals, fans, etc., in plates, pans, vases or shallow dishes and other receptacles. Elegant floral baskets can be arranged with fern leaves, florists' asparagus, the common garden asparagus, and various other flowers, foliage, etc.

Staking—Slender stakes of wood or bamboo painted a light green make good support for the spikes at blooming time. When horizontal lines are used they should be fastened to end posts firmly set and wires tightly stretched. A few more stakes should also be placed at intervals along the lines. Use strips of cloth instead of cord to tie the blooming spikes to their support. Painted white pine labels, copper wired, are very suitable for marking plants. Any seedsman can furnish these.

Blooming—For the best results, cut the spikes when the two first flowers open, and let them bloom in the house. Each morning remove wilted blossoms, cut off a little of the stems, cutting them with a long slanting slope (not square across), rinse and give fresh water. Placing them in a cool cellar over night greatly refreshes and improves them. Cut spikes with a sharp knife to avoid bruising the stems and to make the flowers last longer. (By removing the anthers, flowers will last longer.) Always keep inside of vases, etc., clean.

Digging and Storing—Bulbs should be dug before the plants are too ripe (forty to sixty days after blooming). In the fall, before hard frosts, dig the bulbs and cut off the tops closely against the bulbs. Dry well in the air and sunshine, cure thoroughly indoors for a few weeks, then store in a cool, dry cellar. A covering of sand while in storage (after bulbs are well cured) is a protection against frost or dampness. Keep as near 40 degrees as possible. Dampness in storage tends to develop disease.

It is best not to place bulbs more than four inches deep while in storage. Florists' flats are very suitable for this purpose. A splendid crate is made with four-inch boards, using plastering lath closely laid for bottoms. Make in sizes of two feet square, or 24 x 30", etc., as may be best suited to your purpose.

It should also be remembered that bulbs should be cleaned about six weeks after digging, that is to remove the old bulb and all roots and bulblets. To leave this on until planting time is an injury to the bulbs.

For a "Hobby"—The most pleasing and healthful hobby in the world is a garden. (See what Gene Stratton Porter says about the joys of a garden.) No other occupation gives more restful and lasting satisfaction than to work among flowers and vegetables. It is a far greater pleasure to grow with your own effort, beautiful flowers to send to friends, and for your own home, than there is in the flowers you buy.

Nothing so rests the mind of a busy man or woman, after the arduous labors of the day, than to be able to spend a few evening hours in a garden. Thousands who have never realized the great satisfaction and health-giving exercise to be had in this way on their own grounds are becoming happy and successful gardeners. Try it for your tired nerves and see what a pleasant diversion, what a wonderful hobby, you will find it to be. Start in with a fine selection of my wonderful new Gladioli, then add to your collection from year to year and no part of your life will be more enjoyable than the hours you will spend with your friends among the flowers in the great out-of-doors.

THE MARVELOUS NEW RUFFLED GLADIOLUS

"A. E. KUNDERD"

Many of my friends have asked me why I have never named a Gladiolus for myself. Well, here is one which I feel would do honor to such a great name as an Edison or a Ford, so I am indeed proud to attach my name to this magnificent variety. Of course, it is a Ruffled one, as it would not be appropriate to have named a plain petaled variety for "the Originator of the Ruffled Gladiolus." It is a very strongly Ruffled Gladiolus, tall and stately. A rapid multiplier. In color the richest salmon rose, lighter towards the center of throat with very beautiful markings on three lower petals. I consider it well worth the price which I ask for it—

\$100.00 per Bulb

and only a few bulbs of it will be spared this year even at that price.

"MARY JANE"

A plain petaled variety, which I have decided to name in honor of my beloved mother. This is the unnamed seedling which won The Garden Club of America's medal for best new seedling at the American Gladiolus Society's annual show at Kalamazoo two years ago. It is equally grand as the above, but is a plain petaled variety. A beautiful silvery pink with delicate clear throat and many large perfectly placed flowers open at a time. See illustration on opposite page.

Price, \$100.00 per Bulb.

Next year I hope to offer another wonderful new variety named for my daughter, Pauline Kunderd. Many who have seen it say it is perhaps unequaled.

 See page 47 for choice color collections, and pages 18, 30 and 44 for other new introductions first offered this year.

GENE STRATTON PORTER SAID:

"There are few joys in the world equal to the joy of a garden, and a garden sets off a home as an appropriate frame does a picture."



Note the massive and perfect arrangement of the flowers. The finest new variety. Won the American Gladiolus Society Medal in 1922.

Description on opposite page.



1. CHALLENGER (Page 33)

2. DR. ELKINS (Page 33)

3. IMMENSITY (Page 34)

4. SALMON BUFF (Page 45)

5. WHITE PIGEON (Page 42)

6. LAVENDER AMERICA (P. 35)

SPECIAL NEW OFFER FOR EARLY ORDERS FOR 1925

In addition to my greatly reduced prices this year I will give you with any orders that you may send me **before February 1, 1925**, additional quantities of bulbs free of charge as follows:

10% Extra on Orders from \$1.00 to \$10.00.

15% Extra on Orders from \$10.00 to \$25.00.

20% Extra on Orders of \$25.00 or More.

This is not a discount, but an offer of additional values for early orders. Please make out your regular order first, totaling the amount. Then under this total give the list of extra bulbs to which you are entitled.

It costs but very little more to fill a larger order than it does a small one, and therefore I follow the accepted custom of giving a larger percentage of extras on larger orders. I believe you will be well pleased with this new offer.

This year you may make your own selection of extras from any of the bulbs listed in this catalog excepting those varieties the names of which are preceded by a star. (Example: *Marie Kunderd, page 22.) These varieties cannot be included, nor the variety "A. E. Kunderd," or "Mary Jane."

In addition to the regular extras as offered above I will also give special extras on larger orders as follows:

With an order of \$100.00 or more, you may select 20% in extras from any of the varieties listed in this catalog, excepting those marked with a star and as mentioned above. I will also give you free one bulb of the new variety "Lacinatus," value \$50.00. This variety will be distributed this year only with orders of \$100.00 or more, or for cash \$50.00. Not obtainable in any other way. See pages 8 and 9.

 See also Special Offers of Extras in Irises on page 50.

Please notice greatly reduced prices throughout this catalog. Larger stocks enable me to make these reductions, also to make the above additional Special Offers. See page 18 for list of New Ruffled varieties; page 30 for New Plain Petaled varieties; page 44 for New Primulinus Hybrids; page 46 for New Mixtures; page 48 for Regal Lily; page 50 for Irises.

My stock of bulbs this year will not permit me to make any special late season prices, and prices for this season will remain as listed in this catalog.

 Before ordering please read notes on page 57.

This catalog is usually mailed about January 1st of each year. If you do not receive your copy by January 15th, and are interested in a copy, please inform me and I will send you another. If you should receive two copies, or are not interested, please do a good friend who might be interested the kindness to hand him, or her, a copy. I can not offer an award for names, as too many inferior lists would be sent, but will certainly greatly appreciate any addresses of interested persons which you can send me and so will your friends.

A. E. KUNDERD.

Please read Testimonials on Pages 53, 54 and 55

FIVE NEW RUFFLED GLADIOLI FOR 1925

- ***Blanche Bollinger**—A pleasing and showy flower. Many large, medium ruffled flowers open at a time. A very distinct and good shade of rose pink.
.....**Each, \$3.00; Doz., \$30.00**
- ***Dr. Crist Martz**—A large and beautiful flower of light blood red. A very showy ruffled variety
.....**Each, \$3.00; Doz., \$30.00**
- ***Dr. Nelson Shook**—A beautiful ruffled Gladiolus much the shade of the very popular variety "Mrs. Arthur Meeker."
.....**Each, \$3.00; Doz., \$30.00**
- ***Golden Salmon**—A truly wonderful ruffled Gladiolus of beautiful golden yellow and salmon red or pink shades—beautifully blended. An extra choice and distinct kind. Very unusual and grand **Each, \$10.00**
- ***Purple Queen**—A deep violet purple beauty. Throat darker. Medium ruffled. Very extra of this shade.....
.....**Each, \$5.00; Doz., \$50.00**

Collection No. 1—Entire collection, one each of the five new ruffled varieties described on this page (value \$24.00), for.....**\$22.00**

Collection No. 2—All varieties excepting "Golden Salmon" (value \$14.00), for **\$12.50**

Collection No. 3—The three \$3.00 varieties (value \$9.00) for.....**\$7.50**

A WORD ABOUT DESCRIPTIONS IN THIS CATALOG

Neither word descriptions nor colored plates can ever convey to a customer what any given flower will actually look like when in bloom. Even a well-made color plate usually does not do justice to a fine variety of any flower. Descriptions in this catalog are necessarily brief, usually much of the detail must go undescribed for want of space and only the general colors can be stated. I do not make use of color chart descriptions (although I have the best of them in my office), for the simple reason that these also are wholly inadequate to give the reader a clear idea of the many color combinations and blendings of the actual flower as you would see it in bloom. For general appearance, type, form, etc., of a variety or any other given subject there is hardly any better illustration than a well-printed half-tone from a good photograph.

YOUR SUCCESS WITH KUNDERD GLADIOLI

 After you have had an opportunity to watch the sturdy growth and successful blooming of your Kunderd Gladioli through a season, I shall appreciate a report from you, with permission to use it. This will be doing a favor to others who may be considering starting with gladioli, as well as helping me, and will be greatly appreciated.

 Also, if you have friends whom you think would be interested in growing a beautiful bed of gladioli, I hope you will tell them about Kunderd Gladioli, or send me their names and addresses so I can mail them my catalog.

See my special offer for early orders on page 17

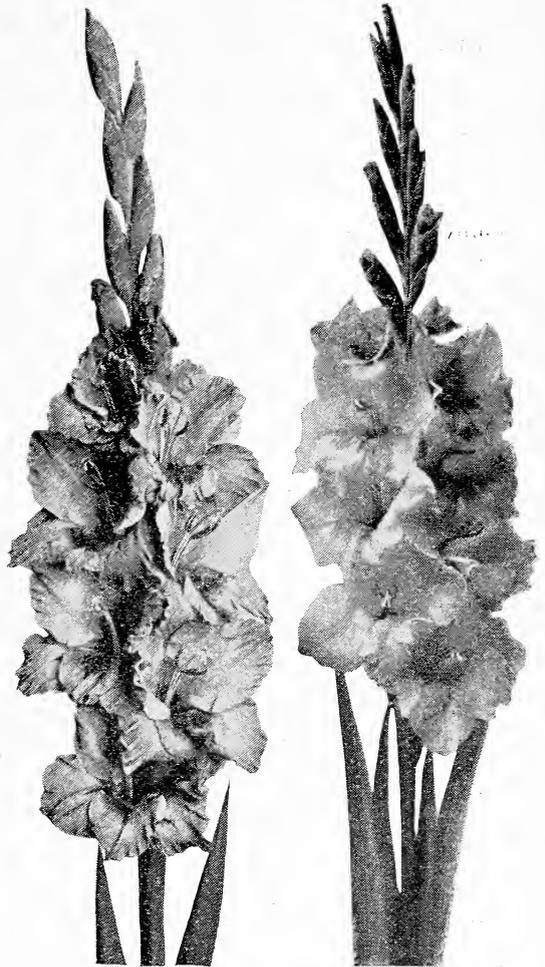
AN EXTRA CHOICE COLLECTION OF RUFFLED GLADIOLI (KUNDERDII)

At Greatly Reduced Prices

Admiration (1923)—Extra fine, tall plant. Almost perfect "America" pink shade with large, light violet rose throat. Distinct and fine
.....Each, 35c. Doz., \$3.50. 100, \$25.00

Adoration (1918)—Very large, grand saffron or Lincoln red. Deeper in throat. A grand, rare and beautiful self-color.
.....Each, 50c. Doz., \$5.00

Alton (1917)—A wonderfully ruffled variety of finest orange color. A magnificent new gladiolus. Winner of many awards. Illustrated on this page.....
.....Each, 35c. Doz., \$3.50



ALTON

BYRON L. SMITH

Description on page 19. Description page 31.

***Agatha (1918)**—Deep peach blossom pink. A grand variety
.....Each, 50c. Doz., \$5.00

***Anthony B. Kunderd (1918)**—Tall, large, intensely ruffled flower of delicate deep cream color. Overspread finest blush pink. Entire lower petals beautiful primrose cream flushed pink at edges. Grand. Winner of many awards. Illustrated on page 29
.....Each, 75c. Doz., \$7.50

AGATHA

Description on page 19.

When ordering collections, please order by number

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued

Avalon (1916)—An extra choice blush white. Very beautiful throat. Magnificent, grand. Illustrated on this page.
.....Each, 25c... Doz., \$2.50

Blushing Beauty (1922)—Opening buds blush pink, flower softest possible blush, many open. Dainty pink throat lines. Plant of good height. A marvel of daintiness and refinement
.....Each, 50c. Doz. \$5.00

Bonny (1921)—A lavender tinted pink, tinged old rose. A pretty flower of uncommon color....Each, 25c. Doz., \$2.50

Buckeye (1921)—Very large massive bloom of fine rose pink color with tint of old rose at edge of petals. A beautiful large rose red throat. Very good.
.....Each, 50c. Doz., \$5.00

Chalice Flower (1924)—A tall beautiful plant with a very refined and elegant flower. Flowers large and plenty open at a time. Cup or roundish formed, suggestive of its name. Color a light creamy blush white of pleasing effect. Very artistic and beautiful..Each, \$5.00

Charm (1921)—Pure deep rose pink. A large and wonderful flower of beautiful shades, perfectly harmonized. A perfect blotch of deep red on lower petals. Grand and distinct
.....Each, 50c. Doz., \$5.00

***Crinkles (1916)**—Deep peach blossom pink. Intensely ruffled.....Each, \$1.00

Dr. W. Van Fleet (1922)—Extra tall and slender plant, flowers of remarkable form and large size. A magnificent shade of delicate rose pink, deeper at edges of all petals. Throat of softest canary yellow or cream tint beautifully blended. A very extra variety equal to Mrs. Dr. Norton. Illustrated on page 22
.....Each, 50c. Doz., \$5.00

Dream (1918)—Large, massive bloom. Deep salmon red. Large, very showy blotches. Extra grand
....Each, 35c. Doz., \$3.50. 100, \$25.00

Don Juan (1923)—Very large, strong plant with extra fine, pure salmon rose flowers of almost same color as Marshal Foch, but very beautifully ruffled and more open at a time. Beautiful flaked or tinted blue. Very fine.....
.....Each, 75c. Doz., \$7.50



AVALON

Description on page 20.

Please show this catalog to your friends

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued

E. J. Shaylor (1918)—Tall, very strong plant and large blooms. A beautiful, pure deep rose-pink. Was awarded Certificate of Merit by Royal Hort. Society of England, Aug. 10, 1920. Winner of many awards. Very choice. Illustrated on page 29

.....Each, 20c. Doz., \$2.00. 100, \$15.00

Favorite (1921)—Beautiful orange salmon, deeper in throat. Tall, strong, vigorous plant with many large finely ruffled flowers open at a time. Very fine.....

.....Each, 40c. Doz., \$4.00

***Fern Kyle (1921)**—A large ruffled flower of creamy white color. Vigorous grower. Creates a sensation wherever shown. Introduced at \$25.00 per bulb.

..... Each, \$3.00

Glorious (1921)—Tall, strong plant. Many blossoms open at a time. Soft cream color with deepest creamy apricot throat, beautifully marked. Extra choice.....

.....Each, 25c. Doz., \$2.50

Golden Glory (1916)—A large, richly colored yellow, with beautiful throat. A fine ruffled yellow

.....Each, 35c. Doz., \$3.50

***Gypsie Queen (1921)**—Large, beautiful orange red. Edge of petals faintly bordered bluish.....

.....Each, 35c. Doz., \$3.50

***Hermes (1923)**—Large, strong plant with very large, deep cherry rose flowers. Beautiful deeper rose on lower petals. Heavily ruffled. A grand variety.....

.....Each, \$1.00. Doz., \$10.00

Joy (1923)—Extra fine, purest flesh color with dainty, tinted soft canary or cream throat, finely marked pink. Something unusual

.....Each, 50c. Doz., \$5.00. 100, \$37.50

June Delight (1918)—Rich, deep geranium red. Deeper throat. Beautiful. Illustrated on page 23

.....Each, 25c. Doz., \$2.50. 100, \$20.00

Kasson (1917)—Good sized, lavender rose-pink. Nice deeper throat. Finely ruffled.....

.....Each, 25c. Doz., \$2.50

Kunderd's Apple Blossom (1923)—Apple blossom color. Tall, fine plant and spike. Very refined and beautiful.....

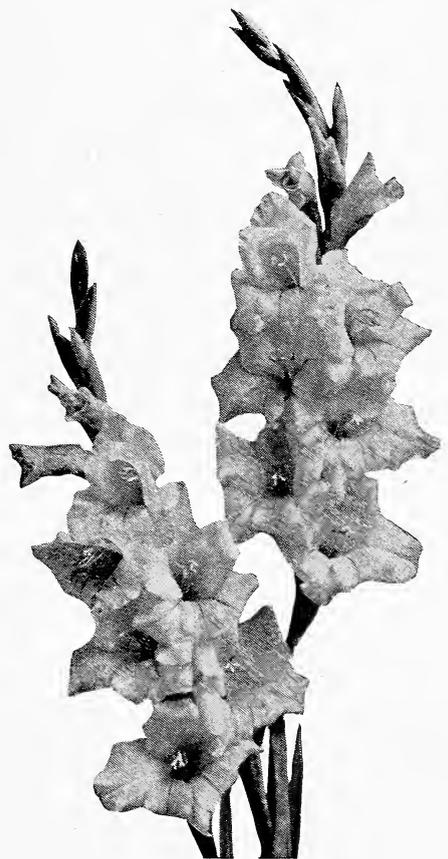
.....Each, 50c. Doz., \$5.00

Kunderdii Glory (1907) — Beautiful creamy apricot with light tint of pink, and fine markings of red on lower petals. Can be grown over five feet tall with high culture. This is the first scientifically produced Ruffled Gladiolus ever sent out. It has received many certificates and awards, is known all over the world, and is the parent of many new varieties. Illustrated on page 7.....

.....Each, 10c. Doz., \$1.00. 100, \$7.50

***Lilac Glory (1923)**—Large flowers, many open. Soft lilac rose pink. Beautiful deeper lilac rose and pink throat. Kunderdii Glory type. Latest addition to the Glory Collection

.....Each, 50c. Doz., \$5.00



KILIMA

Description on page 35.

Take advantage of the collection offers which appear after each list

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued



DR. W. VAN FLEET
Description on page 20.

Lillian (1922)—Tall fine plant and foliage with many large blossoms open at a time. Flowers white with light pink pencilings over all petals. Large and beautiful deep rose pink blotches. Opening buds and flowers very beautiful. A grand variety.....

.....Each, \$50c. Doz., \$5.00

***Marie Kunderd (1918)**—A wonderful white. As early as "Chicago White." Of purest white with an almost invisible soft pink line in center of lower petals. Grandest of all whites. Awarded First Class Certificate of Merit by North Shore Hort. Society, Manchester, Mass., summer of 1919

.....Each, \$1.00. Doz., \$10.00

Marshal Foch (1922)—One of the sensations at the American Gladiolus Society's show in August and wherever shown at the big exhibitions. Many giant flowers open at a time on very strong stem and plant. Color of finest salmon pink. Almost self-color. Winner of many awards. Ill. on page 26.

.....Each, 25c. Doz., \$2.50. 100, \$20.00

Masterpiece (1921)—A magnificent ruffled "American Beauty" rose color. Giant flower and plant. Extremely fine.

.....Each, 50c. Doz., \$5.00

Mona Lisa (1917)—Strong plant. Many flowers open at a time. Of palest soft rose pink, or blushed white. A magnificent almost pure self-color. Gorgeous.

.....Each, 25c. Doz., \$2.50. 100, \$20.00

Natalie—Finest, deep orange salmon. Deeper color on lower petals. Neat, short white line extending from throat marking. A beautiful and distinct variety. Tall, fine plant and showy flower.

.....Each, 30c. Doz., \$3.00. 100, \$20.00

***Omega (1921)**—Fine deep lavender rose. Large deep purplish red throat. A choice decorative variety

.....Each, 35c. Doz., \$3.50

Oran (1918)—Blushed white, a little deeper than "America." Rose and white penciled throat

.....Each, 30c. Doz., \$3.00

***Orange Flame (1922)**—A wondrous glowing vermilion orange. Very large blooms magnificently ruffled. Splendid plant and spike

.....Each, \$2.00. Doz., \$20.00

Orange Glory (1915)—Kunderdii Glory type. Grand orange colored, with beautiful lighter throat. Very rich and striking color. Beautiful and distinct. Winner of many awards. Illustrated on pages 29 and 32

.....Each, 20c. Doz., \$2.00. 100, \$15.00

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued

Peep O'Day (1921)—Tall, beautiful blushed pink on white ground. Long feather barred throat. Grand
.....Each, 50c. Doz., \$5.00

***Pink Cloud (1923)**—A large, distinct showy ruffled variety. Usually seven to nine beautiful, soft rose pink blossoms open at a time. A very beautiful deeper rose throat. A distinct introduction....
.....Each, \$2.00. Doz., \$20.00

Pink Lily (1916)—A magnificently ruffled rose-pink. 4X. Grand. Illustrated on page 25
.....Each, 35c. Doz., \$3.50. 100, \$25.00

Pride of Goshen (1915)—A giant "Kunderdii Glory" of a salmon or flesh pink. Flower very large and petals elegantly waved. Exceptionally tall and vigorous plant. "General appearance imposing." Illustrated on this page
.....Each, 15c. Doz., \$1.50. 100, \$12.50



PRIDE OF GOSHEN

Description on page 23.



JUNE DELIGHT

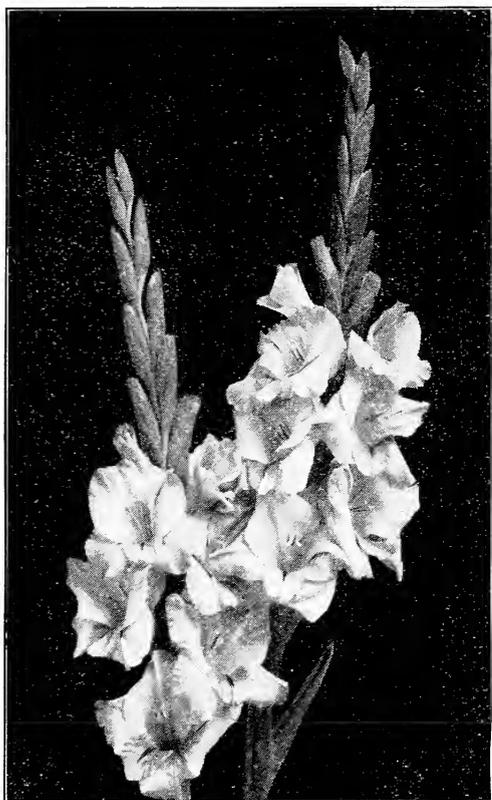
Description on page 21.

Purple Glory (1916)—The giant of the Kunderdii Glory race, and of remarkable color. Deepest velvety maroon red, with almost black blotches, like burned into the petals. Beautifully ruffled. Extraordinary. This variety was awarded silver cups at two different shows for "best variety at the show" and several medals during 1923. Winner of hundreds of awards. Illustrated on page 25.
.....Each, 50c. Doz., \$5.00

Rosalind (1918)—Dark aniline red, deeper throat. Distinct and grand. Illustrated on page 25
.....Each, 50c. Doz., \$5.00

Superior quality requires superior care, culture, storage, experience, etc., etc.

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued



PINK CLOUD

Description on page 23.

Rose Glory (1916)—A very large and beautiful ruffled variety. Purest rose-pink color. Deeper in throat. Extra fine. Winner of hundreds of awards. Illustrated on page 29

.....Each, 35c. Doz., \$3.50. 100, \$26.25

Ruffled Beauty (1922)—Deep American Beauty violet. Very large flowers on medium height plant. Strongly ruffled and a very showy variety

.....Each, 75c. Doz., \$7.50

Ruth Huntington (1923)—Beautiful violet lilac with deeper lilac markings on lower petals. Large, strong plant with tall, fine spikes

.....Each, 35c. Doz., \$3.50. 100, \$25.00

Salmon Plume (1921)—Clear salmon flesh, deeper at edges of petals. A pretty red throat. Choice.....

.....Each, \$1.00. Doz., \$10.00

Scarlet Glory (1917)—In plant and flower much like "Kunderdii Glory," but not so deeply ruffled. A very fine red, of rich distinct color

.....Each, 25c. Doz., \$2.50

***Smiles (1921)**—Large flower of the Glory type. White petals with fine rose pink on outer edges. Splendid

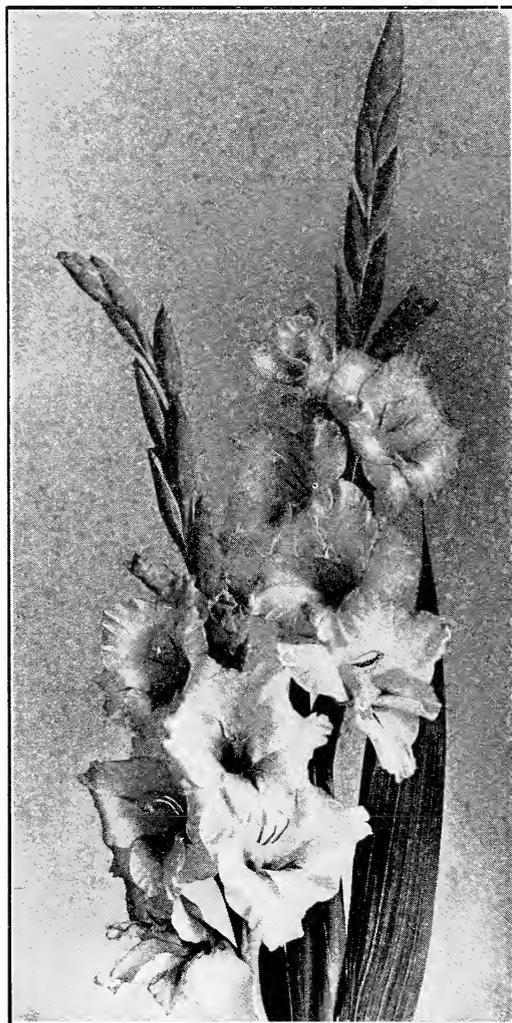
.....Each, 35c. Doz., \$3.50

Snapdragon (1915)—Tall spike, fair sized flower. Reminds one of a snapdragon in its remarkable form. Large, rich pure yellow throat with bright red border. Exceptionally distinct and beautifully ruffled

.....Each, 50c

***Snow Glory (1917)**—Of purest all white, with only slight clear iris blue lines on lower petals. Very large and very showy. A wonderful flower. Winner of many awards

.....Each, \$2.00. Doz., \$20.00



WHITE GLORY

Description on page 27.

Which do you prefer, price or quality. Quality always pays in the end.



PURPLE
GLORY
Page 23



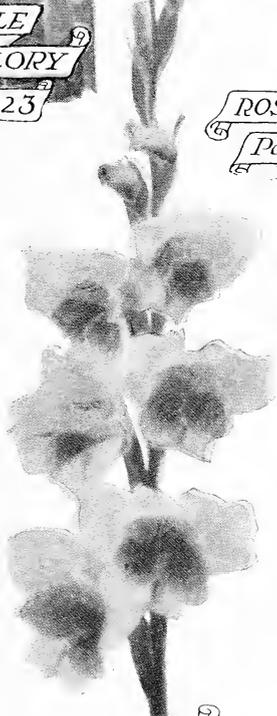
ROSY GLOW
Page 39



MRS. DR. NORTON
Page 36



MRS. FRANK
PENDLETON
Page 36



MAGIC
Page 36



PINK LILY
Page 23



ROSALIND
Page 23

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued



MARSHALL FOCH

Description on page 22.

Sulphur Frills (1923)—Tall, many medium sized flowers open at a time. Beautifully ruffled, of finest, pure soft sulphur shade. A real wonder.....
.....Each, \$2.50. Doz., \$25.00

Sulphur Glow (1921)—A beautiful shade of yellow. Many well expanded, intensely ruffled flowers open at a time. Illustrated on page 28.....
.....Each, 50c. Doz., \$5.00

Tempa (1917)—Pink ground. Old rose. Bronzy lavender throat. Distinct and fine.....
.....Each, 25c. Doz., \$2.50

Thistle (1921)—Large rose red of very open and perfect form. Pretty, large pansy-like throat markings. Tall, stately plant, extra choice
.....Each, 35c. Doz., \$3.50

Twilight (1921)—Beautifully blushed creamy buff with throat of grandest yellow and pink. Magnificent
.....Each, 50c. Doz., \$5.00

Ventura (1917)—Pure white with beautiful barred throat. A fine early ruffled variety.....
.....Each, 25c. Doz., \$2.50



YOUELL'S FAVORITE

Description on page 27.

Please read Testimonials on Pages 53, 54 and 55

Extra Choice Collection of Ruffled Gladioli (Kunderdii)—Continued

***Violet Glory (1916)**—Massive flower. Rich self-color deep violet; deeper throat. Medium ruffled. Extra
.....Each, 35c. Doz., \$3.50

White Glory (1915)—A gorgeous pure white of exact size and type as "Kunderdii Glory," with beautiful iris-blue throat. Fine as a delicate iris. Grand. Winner of many awards. Illustrated on page 24
.....Each, 25c. Doz., \$2.50. 100, \$20.00

White Ivory (1915)—Like "Ivory," but taller and still more intensely ruffled. Snow white ground, with beautiful red blotches on lower petals. Very extra.
.....Each, 30c. Doz., \$3.00

Youell's Favorite (1915)—One of Henry Youell's (Sec'y Am. Gladiolus Society) favorites among our ruffled varieties. Large flower and plant. Striking rose lavender pink. Conspicuous and fine.
.....Each, 20c. Doz., \$2.00. 100, \$15.00

COLLECTION OFFERS OF RUFFLED VARIETIES

COLLECTION NO. 4

Entire collection, one each of 62 varieties described on pages 20 to 27, (value \$40.35), for \$37.50

COLLECTION NO. 5

All varieties valued up to and including \$2.00, 59 bulbs in all (value \$29.85), for \$28.00

COLLECTION NO. 6

All varieties valued up to and including \$1.00, 56 bulbs in all (value \$23.85), for \$22.00

COLLECTION NO. 7

All varieties valued up to and including 75 cents, 52 in all (value \$19.85), for \$18.50

COLLECTION NO. 8

All varieties valued up to and including 40 cents, 32 in all (value \$9.10), for \$8.50

COLLECTION NO. 9

All varieties valued up to and including 30 cents, 19 in all (value \$4.50), for \$4.25

COLLECTION NO. 10

All varieties valued up to and including 25 cents, 16 in all (value \$3.60), for \$3.50



"Grown in our garden last summer. Over two hundred varieties, some seven feet tall."—George A. Gordon, Colorado.

(We will be glad to receive photographs of your Gladiolus Garden.)

The price you pay generally tells the quality you will get.

Kunderd *Gladioli* Stand Supreme



Sulphur Glow
Page 26

Pride of Lancaster

Fairest White
Page 34

Willis E. Fryer

And easily lead the world in great variety and beauty of types and color. They gave the world the New Ruffled and Laciniated Petaled Types.



Rose Glory
Page 24

Orange Glory
Page 22

Anthony B. Kunderd
Page 19

E. J. Saylor
Page 20

NEW PLAIN PETALED VARIETIES FOR 1925

- ***Bobby**—An immense and beautiful deep rose with extra large and beautiful bluish red throat blotches. First class.....
.....Each, \$5.00. Doz., \$50.00
- Charles F. Fairbanks**—Another red, but a distinct and beautiful variety named in honor of a recent President of the American Gladiolus Society. I have worked up a good-sized stock of this variety, believing it will be in big demand as soon as brought to public attention
Each, \$1.00. Doz., \$10.00. 100, \$75.00
- ***Gene Stratton Porter**—A decidedly distinct and beautiful soft tone of pink. Of very delicate and beautiful appearance. Late.....Each, \$2.00. Doz., 20.00
- ***John T. McCutcheon**—A giant wonder red, something like "Bobby," yet decidedly different and beautiful. Named for the great cartoonist
.....Each, \$5.00. Doz., \$50.00
- ***Mrs. Laura Shedd Schweppe**—Beautiful deep peach blossom pink with very fine, darker throat blotches. A distinct and beautiful new gladiolus.....
.....Each, \$2.00. Doz., \$20.00
- ***Mrs. Samuel Insull**—A fine softly blushed white with clear throat. Beautiful opening buds. A very elegant and refined flower.....Each, 2.00. Doz., \$20.00
- Highland Laddie***—Large, massive and beautiful pink of a decided and pleasing shade. A very choice kind and a rapid multiplier
Each, \$1.00. Doz., \$10.00. 100, \$75.00
- ***The President**—So named because of its close resemblance to that very beautiful red canna of the same name. A very fine red gladiolus
.....Each, \$1.00. Doz., \$10.00

* By mistake the name "Highland Laddie" became attached to my old variety "Red Copper." I have purchased the name from my friend, Mr. McKibbin, and given it to this very beautiful new pink.

- Collection No. 11**—Entire collection, one each of the 8 varieties described on this page (value \$19.00), for.....\$17.50
- Collection No. 12**—All varieties valued up to and including \$2.00, six in all (value \$9.00), for\$7.75
- Collection No. 13**—The three \$2.00 varieties (value \$6.00), for.....\$5.20
- Collection No. 14**—The three \$1.00 varieties (value \$3.00) for.....\$2.75

YOU can do your friends a great favor by giving them my address so they will know where to buy the best in Gladioli. Or, send me their address, so I can send them a copy of my catalog, free. This, of course, I appreciate very much and will try to compensate, but I dare not offer a price for addresses, as too many worthless lists would be sent to me just for an award. With a fine photo, which I can use in my catalog, or a poem, it is different, and I try to pay amply for any of those which I can make use of.

A. E. KUNDERD.

AN UNEQUALLED COLLECTION OF PLAIN PETALED VARIETIES

Ah (1922)—Pale apricot pink and yellow. Medium sized flower on vigorous plant and foliage. Has a very beautiful opening bud reminding one of "Ophelia" rose.....Each, 35c. Doz., \$3.50

Alhambra (1917)—An exceedingly brilliant vermilion scarlet, ExtraEach, 25c. Doz., \$2.50. 100, \$18.75

Anthony Zonker (1922)—Extra tall, strong plant with five to seven very large wide open blooms open at a time. Finest deep salmon rose, beautifully placed. Lower petals as beautifully blotched as "Pendleton." A distinct and showy flower named for a grand old man, my mother's fatherEach, 50c. Doz., \$5.00

***Ashburn (1917)**—A very massive salmon red, flaked deeper. Showy.....Each, 25c. Doz., \$2.50. 100, \$20.00

***Atreus (1921)**—Grandest pure rose pink of most delicate shade. Strong grower and very, very beautifulEach, 50c. Doz., \$5.00

Battle Creek (1923)—An attractive almost self-colored deep violet, a little deeper in throat. Good size and many open at a time. A showy flowerEach, 50c. Doz., \$5.00

Bevier (1923)—Tall and showy plant and spike with pure, deep salmon colored flowers. Lower petals same color with large soft cream colored throat. Very harmonious combination of colors.....Each, 25c. Doz., \$2.50

Big Black (1915)—An extra large flower of a very pure, rich, deep red, self-color. Very rich, distinct and showy.Each, 35c. Doz., \$3.50

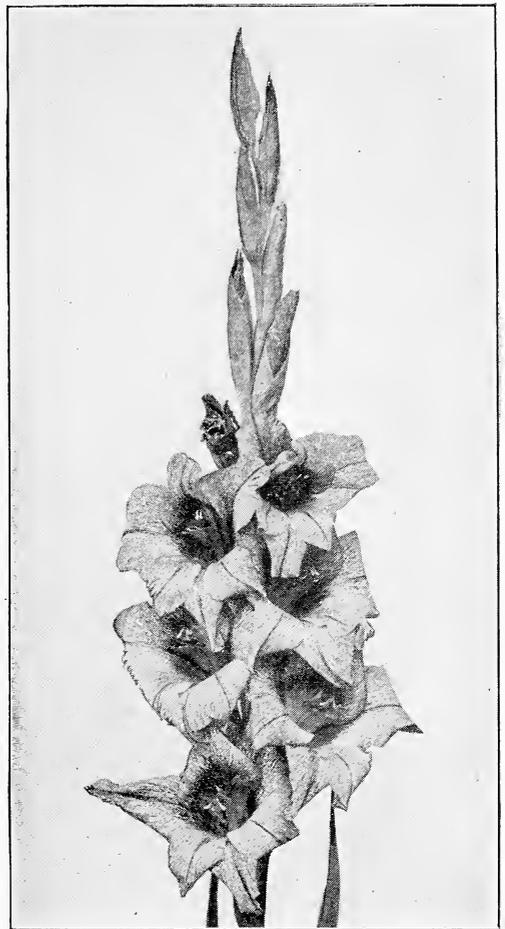
***Black Bird (1916)**—Tall, large-flowered Lemoinei type. Very dark, entire lower petals almost black. A fine dark variety.Each, 25c. Doz., \$2.50

***Black Eye (1916)**—Very tall and fine, almost a black-red. The real black-eyed Gladiolus.....Each, 30c. Doz., \$3.00

Black Pansy (1915)—Of richest dark red. Beautiful pansy-like throat. Extra. Illustrated on page 33Each, 20c. Doz., \$2.00

***Blue Isle (1916)**—A good-sized lilac-blue, dark red blotches. A fine blue....Each, 50c. Doz., \$5.00

***Blue Lily (1921)**—Light violet blue. Medium size flowers. Five and six open at a time. Graceful stemEach, 35c. Doz., \$3.50



ENIGMA

Description on page 33.

***Blue Orchid (1916)**—Rich self violet blue; black blotch with golden heart on lower petals. ExtraEach, 35c. Doz., \$3.50

Bumble Bee (1921)—Large, broadly expanded flower of purest salmon rose-pink. Ground penciled blue. Magnificent throat of deeper color.....Each, 35c. Doz., \$3.50

Byron L. Smith (1917)—One of the very best. Most refined lavender pink on white ground. Exceedingly fine as a cut flower. Color equal to a very choice cattleya orchid. The winner of many awards. Illustrated on page 19Each, 25c. Doz., \$2.50. 100, \$18.00

Take advantage of the collection offers which appear after each list



ORANGE GLORY'
Actual Size
Page 22

An Unequalled Collection of Plain Petaled Varieties—Continued

Cardinal Prince (1924)—A magnificent self-colored cardinal. Flowers large and of splendid form and placement, six to eight open at a time. A good tall plant. An A-1 cardinal, perhaps far superior to any other variety in this color. Destined to become very popular
.....Each, \$5.00. Doz., \$50.00

Challenger (1915)—Very large and vigorous plant. Giant, dark rich velvety red, solid color. An extraordinary fine new variety. Illustrated on page 16....
.....Each, 25c. Doz., \$2.50. 100, \$18.00

***Cherry King (1915)**—Bright rich cherry color. Deeper throat. Very lily-like flower and beautiful
.....Each, 10c. Doz., \$1.00

Cincinnatus Heine (1916)—Purest white with faintest blush. Softest creamy yellow throat. Named for the great poet. Very beautiful
.....Each, 25c. Doz., \$2.50. 100, \$18.00

***Corunna (1916)**—Large flower with wide-spreading petals. Has a remarkable large, almost coal-black throat, bordered white. An extraordinary flower. (Named in honor of the little Indiana village near which the originator of these flowers was born.).....
.....Each, 35c. Doz., \$3.50. 100, \$25.00

***Crimson Spur (1921)**—One of our best variegated varieties. Ground white, striped beautifully with crimson
..... Each, 50c

***Cymbaline (1915)**—A large, beautiful, bright, deep velvety aniline color. Very showy red of unusual color. Very beautiful.....Each, 20c. Doz., \$2.00

***Darkest (1916)**—Slender, graceful plant and neat flower. The darkest red we have. Attractive Each, \$2.00

Dr. Elkins (1922)—A true sport from "Mrs. Frank Pendleton." Same large and showy flower, but the original rose pink has changed to a white and the large throat blotches to a fine shade of lilac blue. A distinct and classy flower and a decided acquisition. Illustrated on page 16....Each, \$1.00. Doz., \$10.00

Dr. J. H. Neeley (1923)—Tall, massive plant. Very large and refined flower of finest pink blushed white. Throat clear and clean, pure soft white, tinted softest light canary yellow or cream. A grand variety.....Each, 50c. Doz., \$5.00

***Elkhart (1917)**—Violet purple, deeper throat blotch. An extraordinary rich color. Unusually choice and fine.....
.....Each, 50c. Doz., \$5.00



BLACK PANSY

Description on page 31.

Enigma (1921)—Tall plant with large flowers. Strikingly striped red, white and blue. Is all that the name implies. Ill. on page 31....Each, 35c. Doz., \$3.50

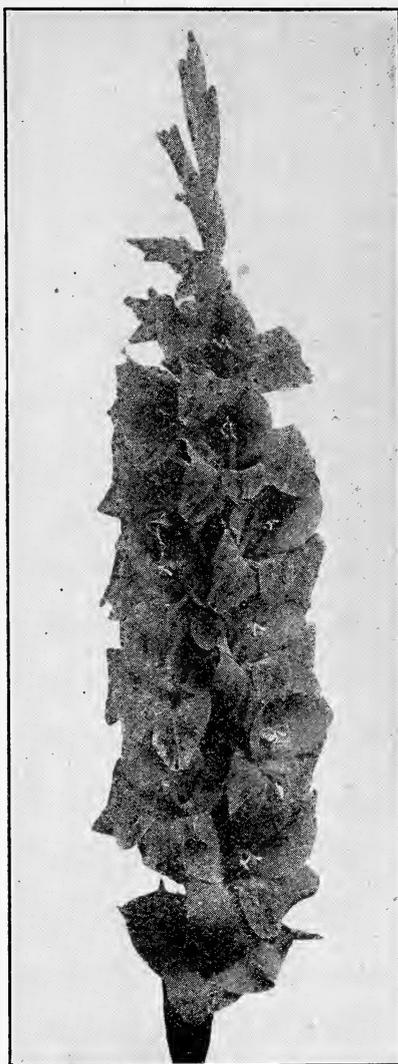
***Estella (1916)**—One of the largest gladioli. Fine deep rose-pink. Mammoth and beautiful
.....Each, 20c. Doz., \$2.00. 100, \$15.00

Exquisite (1921)—American Beauty rose color. Self-color. Large and strong....
.....Each, 75c. Doz., \$7.50

Please show this catalog to your friends

An Unequaled Collection of Plain Petaled Varieties—Continued

- Fairest White (1918)**—Purest white, softest pink throat lines. Ethereally beautiful. Illustrated on page 28
Each, 25c. Doz., \$2.50. 100, \$18.00
- ***Fairfield (1916)**—Tall, vigorous. Giant flower. Very symmetrical. Beautiful dark maroon color. Extra
Each, 30c. Doz., \$3.00
- Fire Ribbon (1915)**—Tall, with many blooms open at a time. The spike is a long, fiery band of glowing red. Exceedingly rich and strikingly showy. Magnificent. Illustrated on this page.
Each, 20c. Doz., \$2.00. 100, \$15.00
- Flaming Vale (1921)**—Very tall, long spikes with large deep cardinal red flowers. Throat a little deeper. Pure self-color effect. Very good.....
Each, 25c. Doz., \$2.50
- ***Gaiety (1915)**—Bright, salmon pink, flaked deep salmon red. Very conspicuous pure white blotches on lower petals. Large flower and tall spikes. Exceptionally attractive
Each, 20c. Doz., \$2.00
- Giant Fawn (1915)**—Very large, deep fawn yellow, faintly blush-pink border. Beautiful red line in throat. An extra large yellow. Illustrated on page 35....
Each, 35c. Doz., \$3.50
- ***Giant Myrtle (1918)**—Much larger, showier, softer pink than "Myrtle." In a class with "Mrs. Dr. Norton."
 Each, \$1.00
- ***Golden Buff (1918)**—Golden buff with yellow lower petals. Distinct and fine.
Each, 35c. Doz., \$3.50. 100, \$25.00
- ***Gold Throat (1915)**—A large, fine pure yellow throat on a splendid, deep bright blood red ground. Showy
Each, 25c. Doz., \$2.50
- Goshen (1923)**—A fine Pendleton seedling of medium deep silvery rose pink color. Large, showy rose-red blotches. Very good.....
Each, 50c. Doz., \$5.00
- Gov. Hanly (1915)**—Tall, showy, early, rich cardinal red, with deeper throat color. A first-class bedding and cut-flower variety. Shown on page 36.....
Each, 15c. Doz., \$1.50. 100, \$11.25
- Helga (1921)**—Fine salmon rose. Deeper rose and cream on white ground. Unusually graceful spike, tall and handsome plant
Each, 25c. Doz., \$2.50. 100, \$18.25
- Ida Van (1915)**—A most beautiful deep salmon red, or flaming orange-pink. Very rich and brilliant color. Highest award at Cleveland, and certificate of merit....
Each, 10c. Doz., \$1. 100, \$8.00



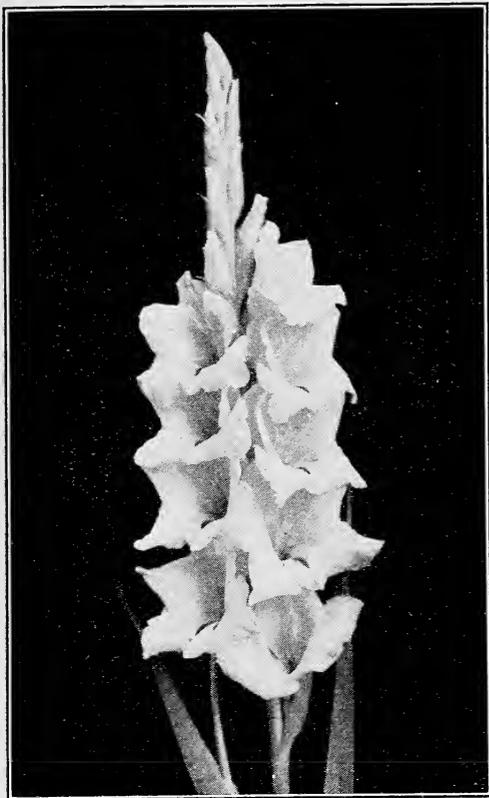
FIRE RIBBON

Description on page 34.

- I Excel (1916)**—Very tall. Large flower. Bright light rose-red. Many open. Magnificent throat
Each, 25c. Doz., \$2.50. 100, \$18.75
- Immensity (1921)**—Tall, strong plant. Bright salmon color. Very large flowers and many open at a time. Very choice. Illustrated on page 16
Each, 50c. Doz., \$5.00
- Indian (1921)**—Strong plant, large well expanded flowers. Many open at a time. Color of deep aniline or Indian red.....
Each, 35c. Doz., \$3.50

Please read Testimonials on Pages 53, 54 and 55

An Unequalled Collection of Plain Petaled Varieties—Continued



GOLDEN BUFF

Description on page 34.

***Indian Maid (1922)**—Tall plant and fine stem. Flowers of beautiful peach blossom pink with beautiful deeper throat. Very choice and distinct

.....Each, 25c. Doz., \$2.50

John Dunbar (1923)—A red of very striking beauty and appearance. Intense and velvety red color with a sort of dark coppery bronze sheen, difficult to describe. Sometimes gives a bent spike, which in a fine variety is very decorative.....Each, 50c. Doz., \$5.00

***John T. Pirie (1922)**—An exceptionally colored variety and very beautiful. A sort of mahogany brown with remarkable yellow bordered dark mahogany brown throat. In a class by itself and should be in every collection. Illustrated on page 36.....Each, \$1.00. Doz., \$10.00

Kilima (1918)—Tall, slender plant Beautiful creamy salmon blush. Very elegant

.....Each, 25c. Doz., \$2.50. 100, \$18.75

***Lavender America (1915)**—A deeper pink, with more lavender tint than "America." A very large and beautiful flower of most artistic form and striking general appearance. More showy than "America." Illustrate on page 16.Each, 50c. Doz., \$5.00. 100, \$35.00

Loella (1918)—Smoky old rose. Flaked deep smoky blue. Very unusual and fine.....Each, 35c. Doz., \$3.50

Lustre (1918)—Tall, large-flowered, dark orange vermilion. Grand and beautiful.....Each, 25c. Doz., \$2.50



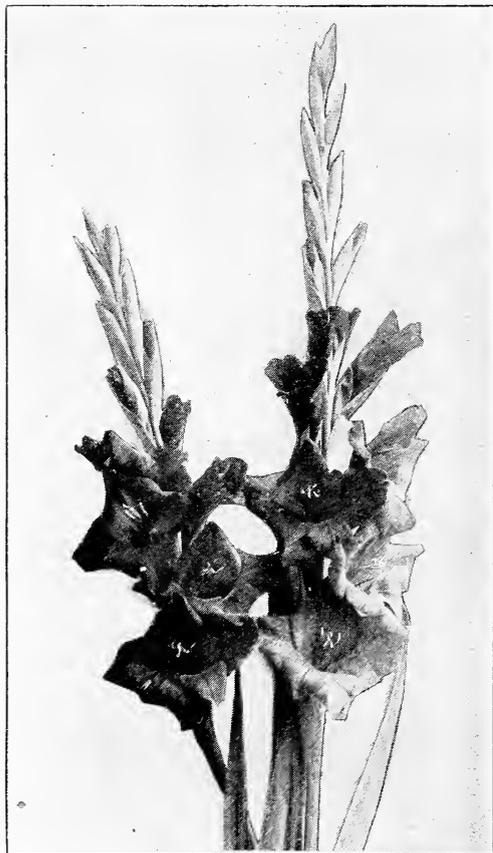
GIANT FAWN

Description on page 34.

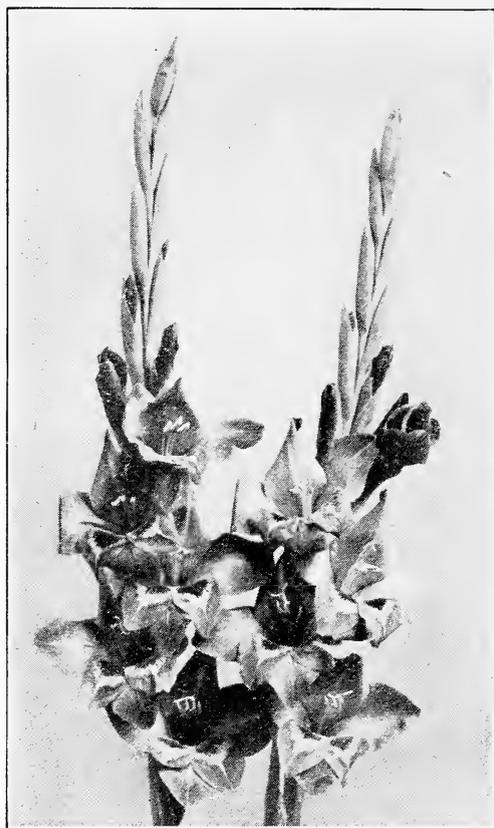
Please show this catalog to your friends

An Unequaled Collection of Plain Petaled Varieties—Continued

- Magic (1915)**—Tall. Finest lavender blue. Large, rich, purple throat blotches. Fine. Illustrated on page 25
Each, 20c. Doz., \$2.00. 100, \$10.00
- Mary Fennell (1917)**—Deep lilac, shading paler. Soft primrose yellow throat. Extra.....
Each, 15c. Doz., \$1.50
- Mary Pickford (1915)**—An extraordinary flower and spike of most delicate creamy-white. Throat finest soft sulphur-yellow. Stem and calix also white. Was awarded Certificate of Merit by Royal Hort. Society, London, Aug. 10, 1920; also First Class Certificate of Merit by North Shore Hort. Society, Manchester, Mass., Summer of 1919, and winner of hundreds of other awards. See illustration on page 37....
Each, 25c. Doz., \$2.50. 100, \$10.00
- Miss U. S. A. (1918)**—Daintiest blush white. Very pure, refined and beautiful. Illustrated on page 37.....
Each, 20c. Doz., \$2.00. 100, \$15.00



GOVERNOR HANLY
 Description on page 34.

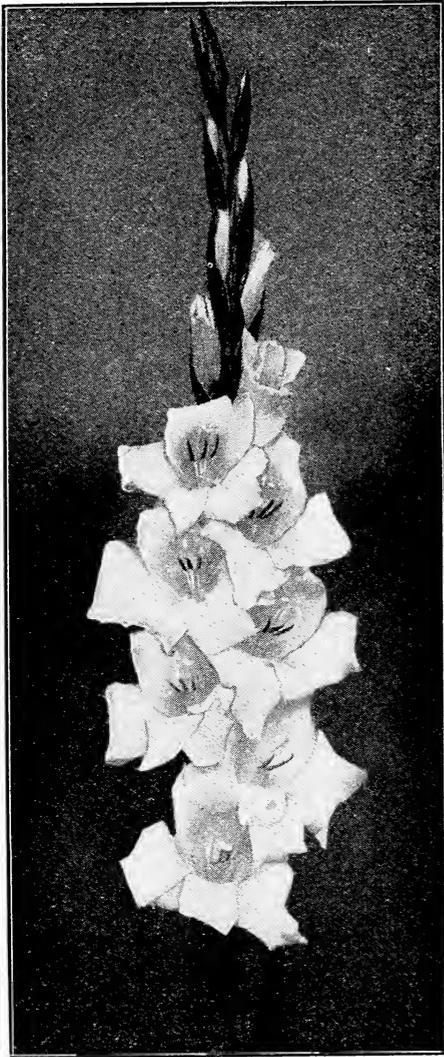


JOHN T. PIRIE
 Description on page 35.

- Mrs. Arthur Meeker (1917)**—Exceptionally fine, rich deep American Beauty rose color. A very beautiful and unusual color.....
Each, 50c. Doz., \$5.00
- Mrs. Dr. Norton (1915)**—Finest cream and pink. The sensation at the American Gladiolus Society's shows. Everywhere awarded the highest honors. Illustrated on page 25
Each, 20c. Doz., \$2.00. 100, \$12.50
- Mrs. Frank Pendleton (1915)**—Bright rose-pink on a pure white ground. A giant blotch of richest carmine red on lower petals. No grander variety in existence. Awarded highest honors of the American Gladiolus Society, Mass. Horticultural Society, and many others. Illustrated on page 25
Each, 10c. Doz., \$1.00. 100, \$7.50
- Mrs. Geo. W. Moulton (1915)**—A giant violet red or cerise. Many open. Nicely placed on spike. An occasional blossom comes double
Each, 20c. Doz., \$2.00

See my special offer for early orders on page 17

An Unequaled Collection of Plain Petaled Varieties—Continued



MISS U. S. A.
Description on page 36.

Myrtle (1915)—Tender and delicate rose-pink. The most beautiful pink yet produced in a gladiolus. Brings the highest price of any variety in the Chicago market. Awarded Silver Medal by the Mass. Horticultural Society, Boston, etc. Winner of many awards
.....Each, 15c. Doz., \$1.50

Noxall (1918)—Massive, pure white with dainty, beautiful throat. Extra good....
.....Each, 35c. Doz., \$3.50. 100, \$25.00

Orange Glow (1923)—Very tall showy spikes with glowing orange salmon flowers. Exceptionally distinct and striking.....Each, 35c. Doz., \$3.50

***Orange Plume (1923)**—Fine plant with beautiful drooping foliage. Large, pure deep orange red with softly blended, pure white central lines on all petals. Lower petals more white with red central portion. A rare color beauty and very choice.....Each, 35c. Doz., \$3.50

Ozark (1922)—Fine pure white with crimson or pink lines on lower petals.Each, 25c. Doz., \$2.50

Pantheon (1922)—A large and massive waxy white on tall strong plant. Lower petals beautifully penciled and feathered roseEach, 35c. Doz., \$3.50. 100, \$25.00



MARY PICKFORD
Description on page 36.

Before ordering read notes on page 57

An Unequaled Collection of Plain Petaled Varieties—Continued



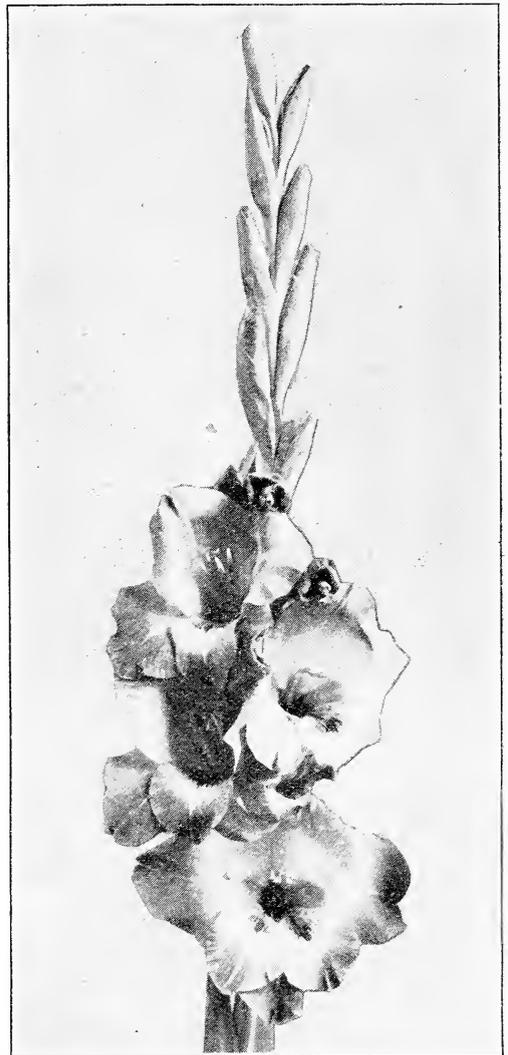
PYTHIA

Description on page 38.

Primrose Beauty (1918)—Tall, strong, very large, primrose yellow. Extra. Winner of many awards. Illustrated on page 39
Each, 20c. Doz., \$2.00. 100, \$15.00

Purple Spot (1918)—Large, violet red with very conspicuous dark blotches. Early, grand, showy
Each, 35c. Doz., \$3.50

Pythia (1918)—A gigantic red with many massive blooms open at a time. Extremely showy and grand. Illustrated on this page.....Each, 50c. Doz., \$5.00



ROMANCE

Description on page 39.

***Paramount (1918)**—A wonderful blending of pink and cream. Similar to Mrs. Dr. Norton. Winner of many awards.
 Each, \$3.00

Peach Rose (1917)—An extra choice and distinct deep rose-pink of remarkable color and appearance. Was awarded First Class Certificate of Merit by Mass. Hort. Society, Summer of 1919, and winner of many other awards. A very beautiful variety. 4X
Each, 50c. Doz., \$5.00. 100, \$35.00

Pella (1918)—Very early, beautiful rose pink. Extra fine
Each, 15c. Doz., \$1.50. 100, \$12.00

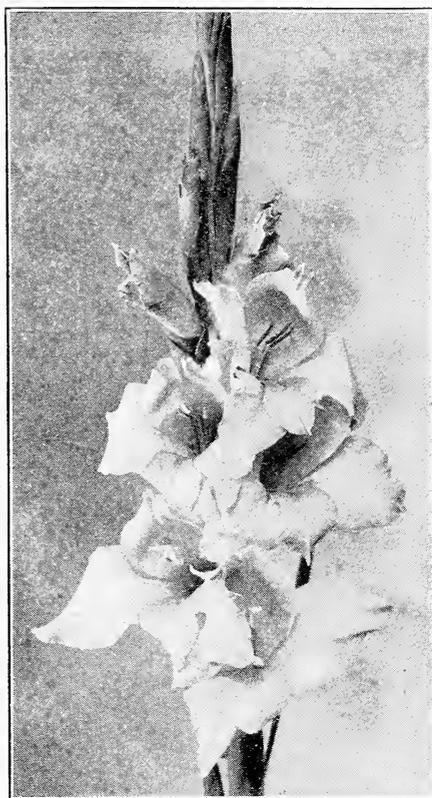
When ordering collections, please order by number

An Unequaled Collection of Plain Petaled Varieties—Continued

- ***Racine (1917)**—Very dark red, flaked deeper. White in throat
.....Each, 35c. Doz., \$3.50
- ***Rajah (1917)**—A well-known, very choice giant dark red
.....Each, 50c. Doz., \$5.00
- Red Cloud (1921)**—Grand. Bright red. Many open. White bar in three lower petals.....Each, 40c. Doz., \$4.00
- Red Copper (1921)**—Large flowers, deep salmon rose heavily flaked blue. Lower petals red, white and yellow, lined and penciled with blue. A choice fancy color.....Each, 25c. Doz., \$2.50



ROBERT S. KUNDERD
Description on page 39.



PRIMROSE BEAUTY
Description on page 38.

- ***Red Fire (1922)**—A seedling of "Principes." Entire flower of richest pure self-colored bright red. Very striking and showy. Our best bright red gladiolus.....Each, 50c. Doz., \$5.00
- ***Robert J. Kunderd (1918)**—Medium tall, very large, most brilliant deep vermilion or orange scarlet. A wonderful showy self-color. Illustrated on page 39.
..... Each, \$1.00
- Romance (1918)**—Large, orange, salmon rose, red and yellow throat. Wine blue bordered petals. Unusually distinct and very showy. Illustrated on this page.....Each, 50c. Doz., \$5.00
- ***Rose (1923)**—Extra strong, large plant. Large showy flowers of a pure, deep, rose-pink color with large, beautiful, deep red throat blotches. Very fine....
.....Each, 50c. Doz., \$5.00
- Rosy Glow (1918)**—Giant plant, massive flower of fine rose pink on white ground. Very beautiful. Illustrated on page 25.....Each, 35c. Doz., \$3.50

See My Special Offer for Early Orders on Page 17

An Unequaled Collection of Plain Petaled Varieties—Continued

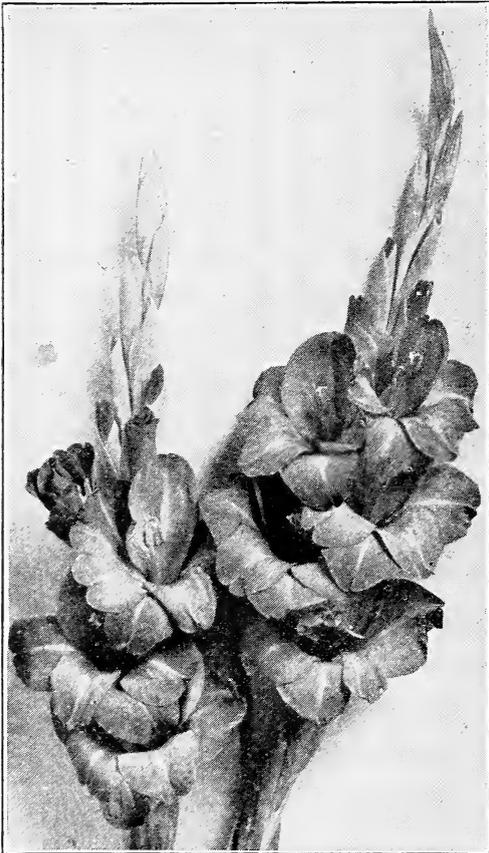
Scarlet Princeps* (1917)—Six or more massive Princeps-like blooms open at a time. Throat a little deeper. Blooms set close. An extraordinary distinct and massive spike. Winner of many awards. Illustrated on this page.....
 ...Each, 35c. Doz., \$3.50. 100, \$25.00

* Scarlet Princeps has been unjustly re-named "Virginia" by some California parties.

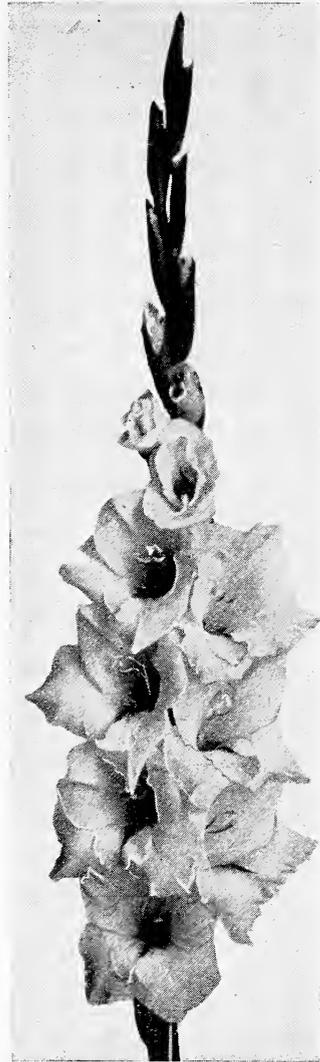
Senator Knox (1922)—Extra tall, strong plant. Large flowers. White, blushed pink with slight throat lines. Very good and unusually distinct.....
Each, 50c. Doz., \$5.00

Snow Flake (1915)—An all-white, large flower on good plant. Without any tint or markings. A fine all-white.....
Each, 25c. Doz., \$2.50

***Splendor** — A large, round flower of beautiful cardinal red approaching Lobelia in appearance. Very velvety, 4x red.....Each, \$1.00. Doz., \$10.00



SCARLET PRINCEPS
 Description on page 40.



SNOW BOY
 Description on page 40.

***Show Flower (1923)**—A giant flower of great attractiveness. All petals a fine shade of rose red with immense white face mottled deeper in throat. Violet and white upper throat. Very extra.....
Each, \$2.00. Doz., \$20.00

Snow Boy (1915)—Tall and stately; pure white. Many flowers open at a time. Often has only one beautiful blotch on lower petal. Large flower of finest form. Beautiful. Illustrated on this page.....
Each, 20c. Doz., \$2.00

Splendor (1916)—Splendid, very dark wine-black. A fine, rich, distinct sort.
Each, 20c. Doz., \$2.00

Please read Testimonials on Pages 53, 54 and 55



*Primulinus
Hybrids.*

An Unequalled Collection of Plain Petaled Varieties—Continued

- ***St. Thomas (1923)**—Very large plant. Immense showy deep salmon rose red blooms. Pure self-color upper petals, lower petals wonderfully blotched with showier blotches than "Pendleton." Blotches dark red with blackish central bars. Extra showy and grand.....
.....Each, \$2.00. Doz., \$20.00
- Sweet Rose (1923)**—Very massive flowers on tall, strong plant of purest deep rose pink with extra large, beautiful red throat. A wonder rose pink.....
.....Each, \$5.00
- The Cream (1921)**—Most delicate light cream ground color, softest sulphur throat perfectly blended. Delicate blush on back of bloom and spikes. Very refined.....Each, 30c. Doz., \$3.00
- ***Treasure**—Tall plant. Large, round, wide open flowers of soft salmon rose pink, flaked deeper rose, blended lighter towards the throat. A distinct and beautiful new variety...Each, 35c. Doz., \$3.50
- Tyrian Beauty (Magenta) (1918)**—A beautiful large flower near "American Beauty" rose color. Grand.....
.....Each, 25c. Doz., \$2.50. 100, \$18.00
- Uhlan Chief (1922)**—Tall, graceful, slender spike. Flower of most intense brilliant vermilion scarlet. Lower petals deeper color and beautiful dark feath-
- ered. A magnificent red.....
.....Each, 35c. Doz., \$3.50
- Ulysses (1916)**—Large round flower. Smoky blue on rose pink ground, deeper throat. Very attractive.....
.....Each, 30c. Doz., \$3.00. 100, \$20.00
- ***Violet Beauty (1916)**—Tall, large, cerise-violet. Grand red throat blotches. Beautiful.....
.....Each, 25c. Doz., \$2.50. 100, \$20.00
- Virginia Hale (1921)**—Beautiful soft creamy salmon rose, deeper towards border of all petals. Very refined and beautiful variety.....Each, \$1.00
- ***Watermelon (1923)**—Tall, fine plant. Large flowers, perfect form. Color a pure watermelon. As inviting and attractive as a beautiful watermelon. Unusually distinct and fine.....
.....Each, \$1.50. Doz., \$15.00
- ***White Pendleton (1917)**—A magnificent very large, round white, with as beautiful a throat blotch as "Pendleton." Extra good.....Each, 50c. Doz., \$5.00
- White Pigeon (1921)**—A most wonderful pure all white. Very large blooms, six to eight open. A strong, healthy grower and rapid propagator. Winner of many awards. Illustrated on page 16.....Each, 75c. Doz., \$7.50

COLLECTION OFFERS OF PLAIN PETALED VARIETIES

COLLECTION NO. 15

Entire collection, one each of 101 varieties described on pages 31 to 42 (value \$55.75), for \$52.50

COLLECTION NO. 16

All varieties valued up to and including \$3.00, 99 bulbs in all (value \$45.75), for \$44.00

COLLECTION NO. 17

All varieties valued up to and including \$2.00, 98 bulbs in all (value \$42.75), for \$41.75

COLLECTION NO. 18

All varieties valued up to and including \$1.50, 95 bulbs in all (value \$36.75), for \$36.00

COLLECTION NO. 23

All varieties valued up to and including 20 cents, 19 in all (value \$3.30), for \$3.00

COLLECTION NO. 19

All varieties valued up to and including 75 cents, 88 in all (value \$29.25), for \$28.75

COLLECTION NO. 20

All varieties valued up to and including 40 cents, 65 in all (value \$17.25), for \$16.95

COLLECTION NO. 21

All varieties valued up to and including 30 cents, 43 in all (value \$9.50), for \$9.25

COLLECTION NO. 22

All varieties valued up to and including 25 cents, 39 in all (value \$8.30), for \$8.00

When ordering collections, please order by number

PRIMULINUS HYBRIDS

THE PRIMULINUS HYBRID GLADIOLI

THIS new type of Gladioli is causing a great deal of discussion among all classes of Gladiolus lovers, both amateur and professional. Some praise them to the top, others do not admire them at all. Personally, I admire them very much myself, but not as much as I do the more varied, larger flowered and stronger colored large-flowering types. However, it is certain that Primulinus Hybrids "have come to stay," as they afford a wider range of delicate and pastel colors and in addition are very graceful and dainty. I have this year decided to list only the most outstanding and beautiful older and new ones, as well as to very much improve both of my mixtures. It is unquestionable that many wonderful Primulinus Hybrids will be introduced in the near future and that this strain will become very popular.

THE NEW RACE OF GLADIOLI

"As Lifelike as Butterflies, as Graceful as Orchids"

A NEW and beautiful race of Gladioli has been produced by using the fine yellow species "Primulinus," or "Maid of the Mist," in crossing with the older existing strains. The varieties resulting are distinguished mainly for their fine and varying shades of yellow, orange, saffron and pastel tints, graceful, slender stems, and airily poised and hooded flowers.

Our mixtures of these contain many equal to most of the named kinds. The illustrations will reveal the great beauty and difference in our strain of Primulinus Hybrids from all others, not alone in the ruffled feature (which is of our production), but also in the remarkable and varying butterfly and orchid-like forms. Some have ruffled petals, some plain and some intermediate. No other strains of Primulinus Hybrids compare with these; no others are like them.

Read the following opinion of Mr. Maurice Field, of New York, seedsman, author and lecturer, founder of The American Gladiolus Society, and one of the best judges of the newer Gladioli:

"You must know the species called 'Primulinus' before you can fully appreciate what Kunderd has produced. . . . In the whole world, Mr. Kunderd's new introduction will, for a long time to come, rank as the greatest achievement in Gladiolus culture The name of Kunderd stands today for the best and choicest in Gladioli of American origin, and to his credit we can recall a host of the best prize winners in our whole collections."

SEVEN BEAUTIFUL NEW PRIMULINUS VARIETIES FOR 1925

- ***Athene**—Fine salmon rose red. A very beautiful and distinct variety
.....Each, 75c. Doz., \$7.50
- ***Cassiopia**—Dainty salmon pink. Lower petals dainty cream blended. Refined and beautiful...Each, 50c. Doz., \$5.00
- Copper Bronze**—A very striking, distinct and unusual variety. Very large flowered Prim. Spikes sometimes bent, giving a graceful appearance as a vase flower. A great show flower
.....Each, \$10.00. Doz., \$100.00
- ***Cygnus (R.)**—Beautiful salmon apricot. Lower petals softest daffodil yellow with fine pink throat lines. A large, very choice, delicate and refined Prim. variety. Extra...Each, \$1.00. Doz., \$10.00
- Golden Frills (R.)**—A large and open flower. Deep rich daffodil yellow with slight pink lines on lower petals. Intensely ruffled and very choice
.....Each, \$25.00... Doz., \$250.00
- ***Opal**—Large flower of a beautiful salmon pink shade. Lower petals deep soft daffodil yellow. Beautiful and dainty.....Each, 75c. Doz., \$7.50
- ***Taurus**—A beautiful Primulinus Hybrid of a fine purple or purple violet color. Distinct, rare and fine
.....Each, \$1.00. Doz., \$10.00

Collection No. 24—Entire collection, one each of seven varieties described on this page (value \$39.00), for\$32.75

Collection No. 25—All varieties excepting "Golden Frills" and "Copper Bronze," five in all (value \$4.00), for.....\$3.75

Collection No. 26—The two varieties "Golden Frills" and "Copper Bronze" (value \$35.00) for\$30.00

AN UNEQUALLED COLLECTION OF PRIMULINUS HYBRIDS

- Alice Tiplady (1915)**—Primulinus species X yellow Kunderdii. A grand, large Primulinus of most beautiful orange saffron color. Was awarded First Class Certificate of Merit by the North Shore Hort. Society, Manchester, Mass., Summer of 1919. Winner of hundreds of awards. Very choice
.....Each, 10c. Doz., \$1.00
- Altair (1916)**—Extra tall, of finest salmon saffron. A grand color. Winner of many awards
.....Each, 25c. Doz., \$2.50. 100, \$18.00
- Arden (R-1921)**—Tall, large flowered, finely open, gracefully placed, many open, deep watermelon red. Illustrated on page 41.....Each, 20c. Doz., \$2.00
- Butterboy (1922)**—An extra tall, strong plant and giant bulb. Large buttercup yellow flowers, nicely spaced on spike. A decidedly distinct and showy Primulinus variety of much merit
.....Each, 75c. Doz., \$7.50
- Butterfly (R-1915)**—Kunderdii Glory X species Primulinus. Very strong and vigorous. Large, pale salmon yellow, ruffled flowers. Winner of many awards. Illustrated on page 45
.....Each, 10c. Doz., \$1.00. 100, \$7.50
- E. B. Williamson (1924)**—Named in honor of the world-famous originator of Irises. Color a deep mallow purple or tyrian pink. An unusual color which attracts much attention. A rare color in the Gladiolus and very desirable for floral uses.....Each, \$3.00. Doz., \$25.00
- Golden Butterfly (1921)**—Grand canary yellow color. Lower petals deeper yellow, faintly blushed on outside of upper petals. Very wide open, butterfly form. Winner of many awards
.....Each, 50c. Doz., \$5.00
- Golden Gleam (1922)**—Tall, very large and open Primulinus of lighter shade than "Alice Tiplady." More orange color. Extra.....Each, 35c. Doz., \$3.50
- Golden Tinge (1923)**—Fine stem and plant. Very dainty, orange salmon flowers, deepening toward end of petals. Lower petals deep yellow with beautiful golden throat lines. A very beautiful throat and a grand variety in every way.Each, 35c. Doz., \$3.50. 100, \$25.00
- ***Lilac Old Rose (1923)**—Large blooms of lilac old rose color. Strong plant of good height and from four to six of these beautiful blooms open at a time.Each, 50c. Doz., \$5.00

Before ordering read notes on page 57

Kunderd Primulinus Hybrid Gladioli—Continued

Midsummer Dream (1918)—A large, beautiful geranium red. Showy, fine....
.....Each, 25c. Doz., \$2.50

Ming Toy (1922)—Very large flower of finest form. Tall plant. Showy deep buff yellow throat. A sensation at the North Shore Hort. Society show at Lake Forest, Ill. Winner of many awards.
.....Each, 35c. Doz., \$3.50. 100, \$25.00

Nightingale (1921)—Tall, graceful plant with softest rose-pink blooms. Delicate creamy white, blended with pink in throat.....Each, 25c. Doz., \$2.50

Olo (R-1923)—Tall, plenty open. Very heavily ruffled. Deep yellow with fine central bar of pink on lower petals. A fine yellow
.....Each, 35c. Doz., \$3.50. 100, \$25.00

Ozone (1923)—Tall plant and fine spike with plenty blooms open at a time. Flowers of purest, deep canary cream color. Entire lower petals covered with purest, deep apricot cream. An exceedingly pure, finely colored variety which must be seen to be appreciated
.....Each, 50c. Doz., \$5.00

Primunella (R-1915)—A grand ruffled butterfly, orchid-like flower, orange saffron color. Beautiful
.....Each, 25c. Doz., \$2.50. 100, \$18.00

Ramona (R-1918)—Dainty yellow. Golden throat. Beautifully ruffled
.....Each, 25c. Doz., \$2.50

Rosalia (R-1918)—Yellow blushed orange. Lower petals golden yellow. Magnificent.....Each, 35c. Doz., \$3.50

Salmon Beauty (1915)—Very large flowered Primulinus. Deep salmon, rich salmon yellow throat. Certificate of Merit awarded this variety by the Mass. Hort. Society and winner of many other awards
.....Each, 15c. Doz., \$1.50. 100, \$10.00

Salmon Buff (1922)—A good height spike with very large flowers of beautiful salmon buff. Throat fine yellow, beautifully penciled. Extra fine, illustrated on page 16
.....Each, 35c. Doz., \$3.50



BUTTERFLY

Description on page 44.

Shell Pink (1921)—Tall, large-flowered rose-pink with beautiful slightly mottled white throat. Very choice. Winner of many awards Each, 35c. Doz., \$3.50

***Twinkles (1921)**—Tall, slender and graceful plant. Flower is finest shade of salmon rose. Throat of a lighter shade of the same color, blushed over a dainty buff ground. Choice.....
.....Each, 35c. Doz., \$3.50

Ulrica (R-1918)—A wonderfully choice rich yellow overspread lightly orange. Large flowers and very attractive.....
.....Each, 25c. Doz., \$2.50

White Butterfly (1922)—A first-class all white with soft cream white throat. Fine slender stem and beautiful cut flower.....Each, 35c. Doz., \$3.50

COLLECTION OFFERS OF PRIMULINUS VARIETIES

COLLECTION NO. 27

Entire collection, one each of 24 varieties described on pages 44 and 45 (value \$10.45), for \$9.95

COLLECTION NO. 28

All varieties valued up to and including 75 cents, 23 in all (value \$7.45), for \$7.00

COLLECTION NO. 29

All varieties valued up to and including 35 cents, 19 in all (value \$5.20), for \$5.00

COLLECTION NO. 30

All varieties valued up to and including 25 cents, 10 in all (value \$2.05), for \$1.95

GLADIOLI IN MIXTURE

TO SECURE the greatest variety and beauty from Gladioli, it is absolutely necessary to grow them in mixture also. Any one who has ever had the pleasure of visiting a first-class collection grown in mixture will appreciate this statement. Originators find their highest enjoyment in growing great numbers of kinds together, and the average grower for pleasure will derive an equal benefit by growing them in the same way. If I were permitted to grow only a limited number of kinds, each under name and number, or many varieties in a mixture, I would certainly decide in favor of the latter method; for in this way only is it possible to secure and enjoy the almost limitless variety and beauty to be found among the Gladiolus.

To secure the best value and variety it is necessary to obtain a considerable number of bulbs, and therefore I have decided to offer my customers and friends again this season an opportunity to purchase a large and beautiful collection at a price within the reach of all.

"GLORY MIXTURE" (Improved). This incomparable new mixture (composed of mostly new varieties with many grand new kinds added the past season) is one which cannot be equaled elsewhere at any price. Many very choice ruffled varieties are included, some of them if sold under name would cost \$1.00 to \$3.00 each. It consists of thousands of different sorts, many extra fine new varieties having been added this year, making it indeed a Glory mixture.

1,000 bulbs for \$110.00; 100 for \$12.75; dozen for \$1.75.

250 at the 1,000 rate; 25 at the 100 rate; 6 at the dozen rate.

"IDEAL MIXTURE." This extra fine mixture this year is so much improved by the addition of many beautiful new varieties that it is practically as fine as my "Glory Mixture" of last year. No one else can supply a mixture of such high quality. I always add many fine new kinds to all of my mixtures each season so as to each year enable my customers to secure the best and not procurable elsewhere.

1,000 bulbs for \$75.00; 100 for \$7.75; dozen for \$1.25.

250 at the 1,000 rate; 25 at the 100 rate; 6 at the dozen rate.

NEW PRIMULINUS HYBRIDS IN MIXTURE

Both of my Primulinus Mixtures have also been much improved for 1925.

"ORCHID MIXTURE" (Much Improved for 1925). A much improved new and very superior collection of many magnificent kinds is now the "Orchid Mixture." Many of our finest separately growing varieties (some of them to be offered later under names) are included. Among them are fine new ruffled varieties and many beautiful new shades. Truly "as beautiful as orchids." I am sure this collection will more than please my most critical patrons, and prove a revelation of the advance being made in this popular new strain.

1,000 bulbs for \$85.00; 100 for \$9.00; dozen for \$1.35.

250 at the 1,000 rate; 25 at the 100 rate; 6 at the dozen rate.

"GRAND MIXTURE" (Improved). Our old "Grand Mixture" has been entirely eliminated and replaced by what was our "Orchid Mixture," giving you a wonderful assortment of these beautiful new Butterfly Gladioli. (This change virtually amounts to a big reduction in the price.) The most beautiful and delicate pastel tints are to be found in this collection and no other race of Gladioli contains such harmonious blendings as do the Primulinus Hybrids.

1,000 bulbs for \$55.00; 100 for \$6.00; dozen for 95c.

250 at the 1,000 rate; 25 at the 100 rate; 6 at the dozen rate.

 **Caution:** Do not name any variety from any of the above mixtures, as quite a few of them are yet to be named by me in the next few years.

COLOR COLLECTION OFFERS

WHITE AND WHITE WITH COLORED THROATS

White Pigeon	Page 42	Mary Pickford	Page 36
Snow Flake	Page 40	Noxall	Page 37
White Butterfly	Page 45	White Glory	Page 27
Miss U. S. A.	Page 36		

The value of these seven varieties is \$2.40. Special Price, \$2.25.

DELICATE PINKS AND ROSE COLOR

Myrtle	Page 37	Rose Glory	Page 24
Mona Lisa	Page 22	E. J. Shaylor	Page 20
Mrs. Dr. Norton	Page 36	Bumble Bee	Page 31

The value of these six varieties is \$1.50. Special Price, \$1.35.

YELLOW, BUFF AND ORANGE SHADES

Primrose Beauty	Page 38	Golden Butterfly	Page 44
Golden Glory	Page 21	Orange Glory	Page 22
Giant Fawn	Page 34	Alton	Page 19
Alice Tiplady	Page 44	Ming Toy	Page 45

The value of these eight varieties is \$2.40. Special Price, \$2.25.

DARK AND BLACK REDS

Lustre	Page 35	Challenger	Page 33
Gov. Hanly	Page 34	June Delight	Page 21
Big Black	Page 31	Cymbaline	Page 33

The value of these six varieties is \$1.45. Special Price, \$1.35.

SPECIAL COLLECTIONS

Some of my friends find it hard to make up a selection. I will gladly make up for you any special collections of either ruffled, plain petaled or primulinus varieties, or combinations of all three or several classes (or of either class) if you will write and give me some idea of what you would like to have. In such cases please tell me about what colors or shades you would prefer and as to the prices you wish to pay and how much in all you would like to invest. You will find some nice collections in the above offers. If you are a commercial grower, or are planning to be, send for my special wholesale list of varieties in large quantities.

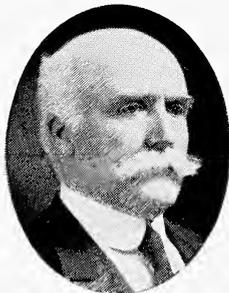


For Color Index see page 56

REGAL LILY (LILIUM REGALE)

INDEED a Regal Lily. Strange that it has come out of China to the rest of the world only a few years ago. This wonderful new hardy lily was discovered in China by Mr. E. H. Wilson of The Arnold Arboretum, Boston, and is still but little known to the public. I have been so charmed with it that I feel it a duty to my patrons to bring it to their attention in this catalog. I am growing on a crop of hardy northern grown bulbs of it now and will offer them in my next year's catalog, but this year will offer seeds of it only. The illustrations on the opposite page show it in only two-year-old seedlings. Fully grown bulbs produce plants of from two to five feet in height with three to twelve or more very large and wonderful blooms on a stem. (Notice the very large size of the blossoms by comparison with the face of the little boy in the picture.) In color, a beautiful white with delicate canary yellow throat and a pinkish tint on the outside of the petals. Blooms in July. Very easy to grow and very hardy. Seedlings bloom in two years. Seeds only for sale this season. **Package of 50 seeds for 25c; 100 seeds for 45c; 1,000 seeds for \$3.50, prepaid.** Easily grown from seeds by following the cultural instructions printed on each package. Not allowed as extras with orders for any other items listed in this catalog.

BEAUTIFUL GLADIOLUS J. D. OLIVER



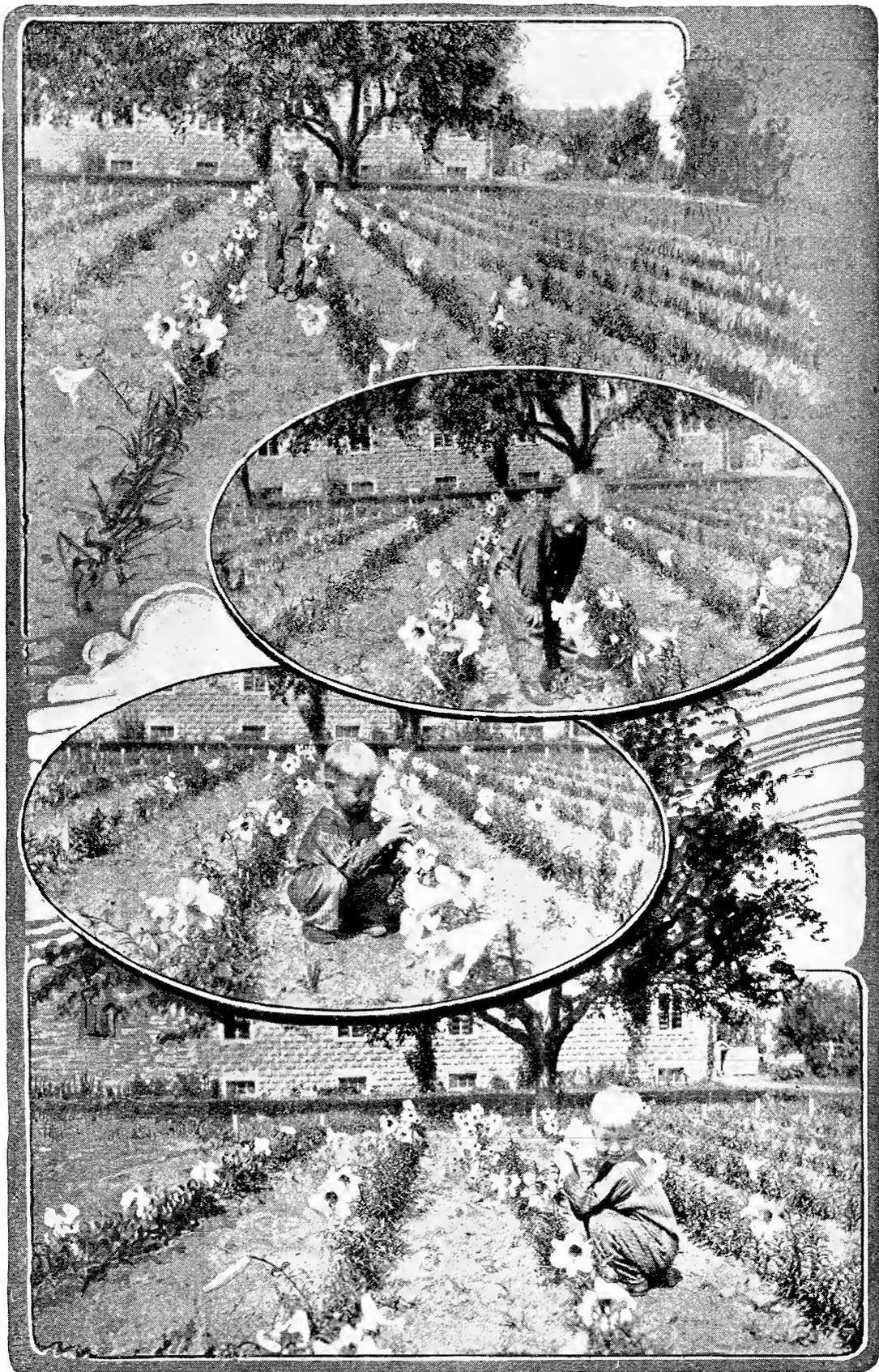
MR. J. D. OLIVER

Named in honor of my friend and neighbor, Mr. J. D. Oliver of South Bend, Ind., the greatest manufacturer of plows in the world. Mr. Oliver is an enthusiastic admirer of beautiful flowers, and of the Gladiolus in particular.

GLADIOLUS "J. D. OLIVER"—Plant, foliage and spike all of giant proportions. Flowers, a very pleasing lavender rose. The many good sized blooms open at a time give this variety a decidedly distinct and outstanding appearance.

Price, Each \$5.00; Doz., \$55.00.

When ordering collections, please order by number



BOBBY IN LILY FIELD

THE IRIS

THE many fine new Irises produced in recent years have brought this flower up into a class with the best of the Floral Kingdom. In beauty of color tones it almost equals the Orchid and Pansy; in fact, it is often spoken of as "the poor man's orchid." It is easily grown and very hardy in any well-drained soil and a rapid multiplier. Many new varieties have been introduced in recent years at from five to thirty dollars each and more. I have a choice collection of the new, and the best of the older kinds, but on the following page will offer only a limited list of choice and moderately priced ones. This selection embraces a select range of colors. The descriptions only give the main colors without going into detail. Irises are very desirable for planting in borders, among shrubs, and as single clumps in almost any reasonable situation. They can be transplanted successfully during almost any growing season of the year; soon after flowering is over is as good a time as any. Orders are shipped only during June, July, late August and early in September. All orders over \$1.00 are sent prepaid; smaller orders must add 15c for postage and packing. No substitution unless requested and full payment must accompany all orders.

 **Irises as Extras with Orders for Gladiolus Bulbs.**—To those of my customers who may prefer a few fine Irises as extras with their bulb orders rather than extra bulbs I can send: One plant of "Kochii" and one plant of "Special No. 2" with all orders for \$10.00 to \$25.00. On all orders of \$25.00 to \$50.00: One plant of "Mother of Pearl." On orders from \$50.00 up: One plant each of "Special No. 2," "Kochii," and "Mother of Pearl."

 Sent either with your bulb order or separately in June at my option.

LIST OF CHOICE IRISES

- Afterglow (Sturtevant)**—Self-colored. Lavender-gray, yellow towards the center. Three to four feet. Grand...**Each, \$1.50**
- Albert Victor**—S. soft blue; F. beautiful lavender; large and fine. 40 in. Pallida type**Each, 35c**
- Aurea (Syn. California)**—S. and F. finest chrome-yellow. Large, perfect form. The best all yellow. 2 feet...**Each, 35c**
- Celeste**—A very fine pale azure-blue. 30 inches**Each, 35c**
- Dr. Bernice**—S. copper bronze; F. rich crimson; large and beautiful variety. 2 feet**Each, 25c**
- Fairy (Pallida)**—White, suffused soft blue. Orange beard. Very sweet-scented. A grand iris.....**Each, 35c**
- Flavescens**—A delicate shade of sulphur-yellow; sweet-scented flowers; fine for massing effect and cut flowers. May and June. 30 inches.....**Each, 20c**
- Florentina (Syn. Silver King)**—White, flushed lavender; very fragrant; early, fine flowers. 2 feet.....**Each, 20c**
- Glory (Fryer)**—F. golden bronze; S. rich red-maroon. Beautiful.....**Each, 75c**
- Heldge (Stenophila)**—Lemon-yellow with pearly shading.....**Each, 25c**
- Iris King**—S. clear deep lemon-yellow; F. rich maroon, bordered yellow. A very beautiful iris. One of the best..**Each, 35c**
- Juniata (Farr)**—S. and F. clear blue, deeper than Dalmatica; large, fragrant. The tallest of the Bearded Irises; long, drooping foliage.....**Each, 35c**
- Khedive**—Beautiful soft lavender; falls a little deeper, with distinct orange beard. 33 inches **Each, 25c**
- Kochii (Syn. Atropurpurea)**—S. and F. rich claret-purple. Exceedingly rich deep velvety purple. Very beautiful. **Each, 25c**
- Lent A. Williamson (Williamson)**—S. broad soft campanula violet; F. very large velvety royal purple. Beautiful golden beard. One of the very highest quality Irises. Extra grand..**Each, \$1.50**

See our special offer for early orders on page 17

List of Choice Irises—Continued

- Lohengrin—S. and F. soft shade of cat-tleya-rose; very large. Tall. A fine Iris Each, 35c
- Loreley—S. light yellow; F. ultramarine-blue, cream bordered.....Each, 25c
- Madame Chereau—White, frilled with an elegant wide border of clear violet-blue. 32 inches. One of the best....Each, 25c
- Monsignor—New, S. rich satiny violet. F. velvety purple-crimson with lighter margin; large flower.....Each, 25c
- Mother of Pearl (Sturtevant)—Remarkable variety, 4 ft. tall, floriferous, beautiful mother-of-pearl color, with golden beard and sweet-scented. No doubt one of the best six Irises in existence..... Each, \$5.00; Doz., \$50.00; 100, \$350
- Mrs. Kimball—S. helitrope, tinged with bronze; F. reddish purple, lighter border, reticulated white. Orange beard. very fragrant. 18 inches.....Each, 25c
- Navajo—S. light bronze-yellow, shaded lavender; F. deep maroon, heavily veined white and yellow; stigmas yellow; deep orange beard. An extra fine Iris. 20 inches.....Each, \$1.00
- Nibelungen—S all yellow; F. violet-purple, fawn bordered. A very fine Iris Each, 35c
- Nuee D' Orage (Storm Cloud)—S. slaty gray; F. bronze and purple; very large flowers. Two feet.....Each 35c
- Pallida Dalmatica—S. fine lavender; F. clear deep lavender; flowers very large; extra fine. A superb variety for mass effect or single specimens and cut flowers. The true variety. 40 in....Each, 35c
- Princess Victoria Louise—S. sulphur-yellow; F. rich plum, bordered cream..... Each, 35c
- Perfection—S. light blue; F. dark, velvety violet-black; orange beard. Exceptionally beautiful and showy.....Each, 50c
- Quaker Lady (Farr)—S. smoky lavender, with yellow shadings; F. ageratum-blue and old-gold; stigmas yellow; yellow beard. Grand. 38 inches.....Each, 50c
- Queen of May—A beautiful lavender-pink. Nearly self-color effect; good height and floriferous.....Each, 25c
- Rembrandt—S. and F. soft lilac-blue..... Each, 25c
- Rhein Nixe—S. pure white; F. deep violet-blue, with a white edge. One of the very grandestEach, 35c.
- Rev. W. F. Christman—F. white, tinged violet; F. purple reticulated white with lighter border. Yellow beard. Fragrant. Free bloomer. 22 inches.....Each, 35c
- Rev. S. G. Smith—S. bronze-crimson; F. maroon-red, edged with bronze, veined light yellow at base. Yellow beard. Glory strain. This variety shows the most coloration at base of leaves of any variety that I have ever seen..Each, 35c
- Sherwin-Wright—A very rich deep yellow. S. and F. a floriferous and beautiful yellow Each, 30c
- Special No. 2—A fine seedling from Mr. Fryer. S. a sort of bronze-lemon wine shade. F a deep purple of striking appearance Each, \$2.00
- Violacea Grandiflora—S. rich blue; F. violet-blue. Large, tall and extra fine. Each, 35c
- Walhalla—S. lavender; F. wine-red. A fine IrisEach, 25c
- Wyomissing (Farr)—S. creamy white, suffused delicate soft rose; F. deep rose base, shading to flesh-colored border..... Each, 50c

A NEW VARIETY of any flower must of course be as yet very scarce to be worth a very high price. When once in fairly good supply, such prices as \$50.00, \$100.00 or \$1,000.00 would be unfair and absurd. Such a price may be only for advertising purposes and only a "bluff". I do not make use of any such tactics. When I ask a big price for a new *Gladiolus* it is scarce and I consider it worth such a price.

TESTIMONIALS

EACH year my patrons write me enough testimonials in praise of my new strains of gladioli to fill every page in this book. I want to again thank one and all for their expressions of praise and appreciation. What pleases me even more than the personal regards and appreciation these many fine letters express is the satisfaction I feel in having made it possible to please so many people, and in having been the means of putting America in the first place, as with so many other things, in the origin of new gladioli. I want all my friends to know that their appreciative expressions are greatly appreciated, and of great encouragement to me. I only regret that it often is impossible for me to personally answer the many fine letters they write me, since hundreds of letters must be attended to with many other duties on some of our busiest days; hence I want to here again thank one and all, and trust I may be able to originate many more beautiful varieties for your pleasure for years to come.

This year it was my intention to, as usual, continue the use of some of my earlier testimonials from famous persons and add to these some new ones. Now I find there are so many wonderful new testimonials to use, all given during the last few months, that I have decided to, just this once, use only entirely new ones. However, I think so much of the fine older testimonials that I hope to use many of them again next year. If you will read these (all new) testimonials I believe you can overlook my own enthusiasm and will see that my patrons say even a great deal more for these wonderful new gladioli than I would dare to say myself.

GLADIOLUS KUNDERDII

Of earthly woes I have my share—
Of toil and care and dark despair;
But there's a solace near, I know,
A spot where wonder flowers grow.
White, crimson, purple, gold, and rose,
And every hue the painter knows;
Some shy, some bold—all dear to me,
My own Gladioli Kunderdii.

When weariness on me descends,
Until its weight my spirit bends,
I steal away to find my rest
Among the flowers I love best.
They dance like brilliant butterflies,
Until I feel my spirits rise
And join them in their gladsome glee,
My gay Gladioli Kunderdii.

Then, too, when life is full of care
And sorrow more than I can bear,
My flowers wait with comforts more
And o'er my heart a balm they pour—
Carressing rose and cooling blue—
Which brings me calm and peace anew.
Yes, tenderly they comfort me,
My kind Gladioli Kunderdii.

EDITH FAIN COLLINS, Mo.

DEFINITIONS ACCORDING TO WEBSTER

Ruffled:—Frisled, plaited or gathered; fringed. (In cloth it means an adorned edge or border.)

Lacinated:—Having a fringed border cut into deep, narrow, irregular lobes. Narrowly incised. (Webster Unabridged Dictionary.)

Both Ruffled and Lacinated Gladioli were originated by A. E. Kunderd.

TESTIMONIALS

H. Ralph Geil, Ore., Sept. 9, 1924: "This work of yours has brought a great measure of the purest delight and pleasure to thousands of hearts in many parts of the world, I am sure. And as long as the seasons come and go Kunderd Glads will continue to beautify the earth and gladden multitudes of mankind. Since my boyhood I have been a great lover of chaste poetry—spending my first money for a volume of Longfellow's works—but I do not hesitate to say that I would rather have been the originator of 'Orange Glory', 'Purple Glory', 'Snow Glory', or 'Myrtle', etc., than to have been the author of the finest poem in our English language. I have been delighted with many other varieties of yours, some of which I have gotten from growers in this State, and while I have a few choice varieties from other originators, my vote as to the finest strain of Glads goes without hesitation to Kunderd's."

Chas. M. Waldroff, Pa., Jan. 3, 1924: "I had wonderful success with the gladiolus bulbs which I got from you last year and am very proud of them. They were so nice that a sales lady who was here to sell me gladiolus bulbs from a nursery said after I showed her my gardens: 'It is me that wants to buy from you instead of me selling to you'."

J. D. Craig, Canada, Feb. 5, 1924: "You may be interested to know of my success with your bulbs last year. The blooms were magnificent and, although it was my first year in growing gladioli, by following your instructions I captured second prize for the best collection of gladioli, fifteen blooms, at the Edmonton Horticultural Show last August. The exhibitor who beat me has been showing gladioli for some fifteen years and his were Kunderd's too."

E. T. Barnes, Florida, Spring, 1924: "Before me again is your annual catalog of what I know to be the finest Gladiolus in the world. I look forward each year for your catalog to see what you have done greater than the year before. I said many years ago that Kunderd was without doubt the greatest Gladiolus Hybridizer in the world and I have never changed my mind since. It is a wonderful thing for any man to have one aim and without wavering carry it to success as you have done."

Leonard Barron, N. Y. (Editor 'The Garden Magazine', Fellow Royal Hort. Society and President of the National Garden Association), May 19, 1924: "I have before me a rich collection of gladiolus bulbs that reaches me by way of Mr. Kruhm. I know from previous experiences the kind of delight that's in store for me in the late summer. I surely do appreciate your generosity."

H. L. Corey, Canada, Jan. 15, 1924: "A few days ago I received your 1924 catalog, and thank you very much for it.-----The advent of the ruffled gladiolus marks a new epoch in the culture of that flower, and you are entitled to the credit for that. In my humble opinion no glad can rival Purple Glory. It is in a class by itself; and next to it of the Kunderd varieties that I grow comes Peach Rose."

Arthur A. Hanke, O., May 14, 1924: "You are aware of the fact that my hobby of raising gladioli extends back over a period of quite a number of years and it has been my pleasure each year to obtain from the leading hybridizers the latest creations brought to light; in some instances I have been successful in obtaining sorts before they were offered and placed on the market. In all due respect to all who are endeavoring to improve this wonderful

flower, I must admit that the result in my gardens is invariably the same. The Kunderd varieties obtained from you are always conspicuous by their superiority, and I have no doubt that this year will be a repetition of the past."

J. Horace McFarland, Pa., Sept. 22, 1924: "It seems to me that for the novice who does not want to wade through a volume of descriptions to pick varieties to accomplish a special effect, this mixture provides a most admirable basis. In it there are flowers of sheer magnificence and the greatest beauty."

Mrs. I. Norman Henry, Pa., 1924: "I am sending you my annual order for Gladioli.-----I missed my beauties last year as I went abroad.-----I may add that I saw nothing in London, Paris and Edinburgh to come near those I grow in my garden from your bulbs and I attended various first-class shows."

E. Sillitoe, Canada, Feb. 8, 1924: "Your prices seem a little high for us as duty, tax and risk all tend to increase the cost, but you do deliver the quality, so we can forgive the few extra cents. Last year I think fully 50% of the exhibits were Kunderd."

C. G. Van Doren, Idaho, Feb. 19, 1924: "Like a small boy at circus time, I endeavored to crawl under the canvas by the cheap route, but it didn't work out satisfactory. I purchased a number of Kunderd varieties from other firms who were offering this strain at low prices. By test I found the bulbs from Kunderd very superior to those purchased elsewhere; you could hardly recognize the same flowers—the one threw up a thrifty plant, the flowers were larger and more attractive. Yes; there's a difference between Kunderd grown bulbs and those grown to sell cheap."

Mrs. J. H. Quense, Wash., Jan. 10, 1924: "I have never cared for gladioli until seeing the primulinus varieties at the Gladiolus Show here in Seattle. The airiness and grace of the flowers on the stem make them more beautiful as cut flowers. The particular table which took my eye were all your varieties, Alice Iplady among them."

D. W. Busbee, Mich., August 13, 1924: "For the purpose of comparison, I purchased from you last spring several of your ruffled varieties. It may interest you to know these were planted alongside and under exactly the same conditions as bulbs of the same varieties received from two Eastern growers. Plants from your bulbs are much higher, far more vigorous and sturdy, have thrown longer stems and larger blossoms and are superior in every way to the other plants."

G. T. Taylor, New Zealand, May 1, 1924: "I have flowered for the first time some of your productions (I was almost saying confections, they are so lovely). I obtained them from Aust. when my order to you was found to be too late.-----I think that your illustrations in the matter of spike length doesn't half do justice to your phenomenal originations.-----I obtained these from-----in England (ordered before I knew your address).-----The sight of Salmon Beauty almost inspires one to poetry or music. Anyway as the Irishman says, 'More power to you.' I should like to exchange places with you, you give so much pleasure to people."

Irvine A. Orton, D. D. S., N. Y., Jan. 10, 1924: "I have bulbs from six different growers from different parts of the country and I consider yours by far the best after testing them all under equal conditions."

Please show this Catalog to your Friends

TESTIMONIALS

Mrs. Harry J. Miller, N. Y., Jan. 15, 1924: "We had a few bulbs from you last year and the flowers were wonderful.-----Our garden is small, but we must find a place for some of your beautiful flowers. (We have some sixty varieties of gladiolus bought mostly from local growers, not knowing who was the originator."

Mrs. Roy Lowman, Ohio, Feb. 1924: "I first became acquainted with Kunderd bulbs in 1920, when I ordered twenty-five of your Ideal Mixture and ten named varieties—all inexpensive.-----They made a wonderful growth, and the flowers were a revelation to me. Your catalog never does them justice—mere ink could never reproduce the exquisite shades and markings."

R. H. Routledge, Canada, Feb. 15, 1924: "I am taking this opportunity to thank you for the splendid Glad bulbs you sent me last season. Needless to say they were far beyond my expectations. I ordered lots of one dozen from several of the best seed houses in both the United States and Canada and the bulbs I got from you were so much superior to the others that I had no trouble in making up my mind where I would obtain my future bulbs. I expect to have strong competition at our Horticultural Show this season in Gladiolus, but feel confident of making a clean sweep with my Kunderd stock."

Miss Addie Taylor, Ind., Feb. 1924: "Your gladioli fields is one of the beauty spots of the United States."

Mrs. W. Grant, Canada, Jan. 15, 1924: "My husband said that the gladiolus on the back of this year's catalog don't come up to the beauty or fineness of the flowers, but it is a pretty good imitation. They don't do justice to the plant."

W. F. Garrett, Pa., April 6, 1924: "Last year was the first time I have tried to grow gladioli.-----I have followed out your instructions as to planting and culture----and it worked fine, as I had long spikes with from fourteen to seventeen to a spike, and not one that did not bloom. But the cheap ones, such as twenty and fifty for a song price—well, I could not say the above for them, although they had the same care as the others they were not even a second cousin to Hybrids and the Ruffled ones I had bought of you."

Mrs. W. L. Frey, Calif., Feb. 5, 1924: "Your cut of 'Orange Glory' in 'House and Garden' is too much for me. I have to have it—and others. I know two Glad fans who are also Kunderd fans and I don't wonder.-----I thought 'White Glory' last year the loveliest thing I had ever looked at, except my wonderful 'Purple Glory'.-----Appreciation seems never amiss to me, even though I know you must have thousands of letters of the same kind."

Mrs. Irene Cox, Mo., Jan. 24, 1924: "From the bulbs I got of you last year I had fifty Ideal Mixture and one dozen Glory Mixture, and they were truly 'Glory Ideal'. I liked the Ideal best; of course, I had so many more of them, but only two were alike, while of the twelve Glory I had three just alike. They were sure beautiful. Though if any one knows how to appreciate your work, it is surely a busy farm woman. No matter how hard I worked all day in the field, garden or house, I found time to spend a little while among your flowers and forget I was tired.-----I honestly believe the person who doesn't love the gladioli has never seen any of yours in bloom."

G. T. Taylor, New Zealand, 1924: "I have a lot of your varieties in my garden and recently got a premium bloom of E. J. Shaylor. I am discarding a lot this season, but none of Kunderd's."

Geo. H. Woods, Conn., Sept. 2, 1924: "Gladiolus seems to have a new meaning when purchased from you."

Mrs. Eliz. Rauch, Iowa, Jan. 25, 1924: "I have all of your Ruffled Glads up to and including those priced at .27 cents in your 1924 catalog (bought last year). They were so beautiful that I aim to own the entire collection. Can buy cheaper elsewhere, but have faith in Kunderd quality."

H. E. Paul, Canada, Feb. 12, 1924: "I am sending another order to add to the one you already have. When you get the Kunderd fever you want bulbs and every time I pick up your catalog I want to buy some more of your wonderful productions. I would like to get all my friends here buying your bulbs."

Charles P. Augur, Conn., Feb. 12, 1924: "I want to tell you that each succeeding year I plant your stock I am more and more pleased with the result. I have grown Glads for more than sixty years, but in all that time I have never grown, or seen, any blooms that equalled those from you I had in my grounds last year."

Mrs. O. J. Robbins, Mich., April 7, 1924: "I hope some day to have a large bed of Kunderd Gladioli. My brother, Wm. H. Cape of Dutton, Ont., Canada, says there is no gladiolus like the Kunderd."

Mrs. Evelina V. Stockard, Md., Mar. 15, 1924: "After hearing from several of my friends, of the wonderful luck they have had from gladiolus bulbs that were purchased from you, I am going to place an order for a few for my garden."

Mrs. Regina Armstrong Niehaus, N. Y., Jan. 6, 1924: "I am sending you a rather monumental order, but I have decided this year to specialize in Gladioli-----I exhibited fifty of your varieties to illustrate a lecture on gladioli and they created a sensation."

J. Albert Smith, Canada, Feb. 8, 1924: "Kunderd's bulbs produce the finest flowers. As we grow flowers for a hobby, we realize that a good bulb takes no more room than a poor one and one has the results and something real to show. We have grown stalks over 5½ feet high from Kunderd bulbs and expect to send you photo next season to prove this. Kunderd's Glads outclassed all others at the show at Guelph last year. The writer won first prize in the Garden and Lawn competition for this city last year."

Mrs. Geo. H. Smith, Mich., April 1, 1924: "Words cannot express our delight, nor the beauty of your Glads grown last year. I had the four mixtures. Year before the two mixtures with a few named Glads, and the extras you so kindly sent. They were a joy day after day to my friends as well as myself and the cheer that they brought the sick is untold. I am growing only Kunderd's this year."

Wm. I. Suesenberger, Mass., Jan. 1924: "I must say that your bulbs are far superior to any others. Some of the flowers that they produce fairly take one's breath away with their brilliancy and beauty, while others of quieter, more delicate hues, make one realize how much man has been permitted to perfect the wonderful handiwork of Nature. Yours is an inspiring work, Mr. Kunderd."

When ordering collections, please order by number

TESTIMONIALS

Faus P. Silvernale, M. D., Minn., Jan. 20, 1924: "I have raised Gladioli for the past three seasons and now have nearly one thousand bulbs in several hundred varieties. They are all from your stock, and I would not think of changing, as your flowers are far superior to anything I have ever seen.-----In closing, permit me to say that no other flower can compare with Kunderd Gladioli."

Geo. Laithwaite, Canada, Jan. 17, 1924: "At our Gladiolus Show where we showed up well, we found by talking to experts our wonderful spikes with Kunderd name went to nearly half of our prize winners. Allow me to say your varieties are far in advance of anything we have. While I have another calling in life, I go to the flower for a rest. My interesting roses and Glads talk to me when I am tired. The fragrance of the rose, the harmony of charm and color in the gladiolus-----and-----peaceful shade of our maples all go to rest a tired man."

Frank Porter, W. Va., Sept. 2, 1924: "Your gladioli have bloomed in a wonderful way and have multiplied well at same time on this elevated section of the Mountain State. It is not too much to say these Glads have been pronounced the finest ever grown in Raleigh County."

A. J. Cantrill, Australia, Feb. 25, 1924: "We have some beautiful Australian raised gladioli here, but your varieties stand out conspicuously and attract the attention of our visitors. The ruffled petals and the wonderful range of colors and beautiful blending of delicate and dainty colors are a theme of admiration and splendid surprise to every one who sees them."

Bessie E. Anderson, Canada, Feb. 20, 1924: "It seems useless after so many wonderful letters from experts and commercial growers for me to add mine, but I feel I must add my word of praise. I grow gladioli for the pure joy of working among them and watching expectantly for the glories to unfold. Among them in my garden early in the morning I am always reminded of the words of the poet: 'I do not know of others, but I am very sure God walks in mine.' Looking into the flowers of some beautiful spikes one feels they must go on their knees to the Giver of such beauty, and then is it any wonder that many an appreciative thought travels across the miles to you from Chesley?"

Arthur C. Heleky, Mass., Feb. 13, 1924: "Last spring I secured from you a collection of about 25 bulbs.-----To say that I had wonderful results is putting it mildly, as the blooms were marvels for color, size and number.-----From my own and friends' opinions your blooms exceeded by far.-----This comparison was also borne out by the exhibit at our annual Brockton Fair."

C. H. Hurst, Ohio, Jan. 17, 1924: "I have all my life been a great lover of flowers and for the last thirty years the Gladiolus has been my hobby; though I never knew the exquisite beauty of the gladioli until four years ago when I grew 28 varieties from you."

Charles S. Ingalls, Neb., Feb. 6, 1924: "I am enclosing order for bulbs which I hope you will be able to fill completely.-----This will now give me 250 distinct named varieties of Kunderd Gladioli beside your Glory and Ideal Mixtures. Your Gladioli were the wonder and admiration of all who saw them and after growing them the past two seasons I am discarding all others, and will grow Kunderds only, as it is just as easy to grow a thoroughbred bloom as it is a mediocre one, and there is no comparison in the pleasure and satisfaction one gets from your creations."

Miss Mary B. More, N. J., Sept. 24, 1924: "The gladioli I bought from you have been a delight to us and the admiration of all who have seen our garden. We sent some to a friend who has always thought dahlias the most worth while thing in the garden. He has changed his mind since he saw your gladioli."

Frank F. Moore, M. D., N. J., Aug. 8, 1924: "Sixty-eight Kunderd varieties of gladioli grown in our garden, a total of 2,000 bulbs from Kunderd.-----Suffice to say that Kunderd varieties as a whole far transcend the others, although one is forced to admit the worth of Herada, Anna Eberus and other non-Kunderd varieties. It's customary for yours, however, to be all good."

A. E. Miller, Canada, March 25, 1924: "I would like to say a word of praise for your beautiful Glads. I used to think when I saw them in your catalog I could not grow them like that, for I am not a professional, only an amateur. But this I must say for you, you do not make a finer show of your Glads than can be grown by an amateur, for I have grown just as good 'Orange Glory' as in your catalog picture-----I have never had one of yours not true to name or that has not been as good as your pictures of them and better."

Edward Howard Pease, Mass., April 22, 1924: "In my private gardens I have about 900 of your gladioli and your varieties certainly rank supreme. The gladiolus is a wonderful flower and we 'fans' owe much to you."

J. J. Paine, Ky., July 22, 1924: "The gladioli you sent me this year are most beautiful and many of the varieties are charming for cutting. With the Ohio River, Labell River and the Southern Indiana hills for a setting, the named varieties and Glory Mixture coloring is certainly ethereal. If there are any words in the English language that would convey the beauty of your gladioli I have failed to find them. I might add a few descriptive and coined words and say they are *superba maxima* or ideal perfecto."

Mrs. J. E. Dow, Idaho, Feb. 5, 1924: "The bulbs I bought last year gave me such wonderful flowers I had to get a few more this year and hope to add still more. I have grown gladioli many years and thought I had a good collection, but Kunderd beats them all."

Mrs. Hazel Barney, Mich., Sept. 11, 1924: "I entered a collection of 22 varieties in the Holland Community Fair held at Holland, Mich., and won first prize. I had eleven competitors. The lady in charge of that department said they were the most beautiful she had ever seen and this is her twenty-fourth year."

Mrs. J. N. Gant, Tenn., April 11, 1924: "My gladiolus bulbs received in good condition and well packed.-----I wish I knew how to keep my bulbs like you do. There is even more difference in the wonderful gorgeous blossoms of your Glads and other dealers' than in the bulbs. Your gladioli give me more pleasure than any other flower in my garden. I will never recommend anything but Kunderd's to my friends."

Julia W. Cotes, Calif., Feb. 12, 1924: "I am sending you herewith another order for 'glads'. I've acquired the habit now and it would indeed be a sore disappointment not to be able to have a few new ones each year.-----One bulb, an unnamed one, from a mixture bought from you several seasons ago, produced 933 cornets and two large bulbs. I would not believe it if I had not done the digging and the counting. Of forty-six named varieties bought of you last year 'Sweet Rose' was the loveliest. Many others were very beautiful.-----I have dug up my front lawn to make room for Glads."

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PLEASE READ CAREFULLY BEFORE ORDERING

Send orders early to be more certain of getting all varieties wanted. Late orders coming during our planting season may be delayed a few days. Please use the order blank.

Safe arrival of bulbs is guaranteed to any point within the United States and Canada. We care for the bulbs during the winter months and ship as soon after February 15th as the weather permits.

Terms. Remittances must accompany all orders. Send bank draft, express or postal money order, or if more convenient for you we will accept your personal check. Unused U. S. stamps will be accepted in payment of orders amounting to less than \$1.00.

All goods are sent to you prepaid at prices quoted in this catalog.

References. Those who may not know me, I refer by special permission to the following Goshen banks: The City National Bank, and The Salem Bank and Trust Co. Also R. G. Dunn & Co. and Bradstreet's Commercial Reports.

Foreign Shipments. We cannot guarantee safe arrival to foreign countries (except Canada) due to the delay and risk in transit which is entirely beyond our control. Special effort will be made to ship in proper season, to send only first-class, well-cured bulbs, also to pack well, but we cannot replace any stock arriving in unsatisfactory condition. From reports received from foreign customers, we find that over 95% of shipments arrive safely and in good condition. Owing to our great reductions in prices this season, I can only accept Canadian and other foreign orders in American exchange. Please remit by international draft or money order either on New York or Chicago, in full value of American money. Canadian customers, be sure to give number of your import permit with each order. Canadian orders will be shipped with certificate of inspection from our State Entomologist as required by the Canadian Insect Pest Act.

An extra charge of one cent per bulb is made on foreign shipments (except Canada) to cover transportation charges.

Packages that weigh over the Parcel Post limit are sent by Express. If it is necessary to ship such orders by Parcel Post, the order must be divided into more than one package and a charge of 50c is made for each additional package necessary, and on such orders my guarantee of safe arrival of bulbs is withdrawn.

Substitution. If any varieties are out of stock when your order is received, I will substitute a similar or more expensive variety. If this is not satisfactory, please advise when ordering.

Substitution in Collections. I reserve the right to substitute when out of a variety offered in any of the collections. The stocks are not of the same size and late in the season some may be entirely exhausted when your order arrives. Collections can only be furnished as described, at prices given. No alterations can be made in the collections described and offered in this catalog.

Claims for shortage must be made immediately upon receipt of goods.

Where offered by the dozen, six may be ordered at half the dozen price. Less than six at single rate. Where offered by the hundred, fifty will be supplied at the hundred rate. Less than fifty at single or dozen rate. Exception—Twenty-five may be ordered at the hundred rate in our three mixtures described on page 30.

Special Collections will be made up for any of our customers who may wish our aid in deciding what to plant. Nothing can make a finer present to a friend than a collection of choice Gladioli. Please state choice of colors, varieties you have grown and amounts you wish to buy.

Don't forget that the children will enjoy a few of our wonderful Gladioli for their garden. Have you thought of teaching them the art of making the home and its surroundings beautiful? It will prove very valuable to them later in life.

Do not hesitate to send Small Orders, even if but for a single bulb. We want to help the smallest grower or beginner.

I do not sell seed from any of my Gladioli, nor cormlets and small planting sizes.

No Mixture of all Ruffled Varieties is offered in this catalog.

Quality. As the originator of the Ruffled Gladioli, I am in a position to offer my customers a far larger and better collection of these beautiful new types than any other grower whose varieties of this form have been produced from mine. As all the varieties listed are good to very good propagators, my customers can be assured of full value. Even though you may think some of the prices a little high, the increase, if cared for, in two years makes the first cost of minor importance.



North-east corner of a 30-acre field of Gladioli. Here over 2,000 separately growing kinds of *Primulinus Hybrids* were grown in rows running east to west. At west end of this field, rows running north and south, in front of buildings and trees, another section containing over 5,000 large flowering kinds in *Ruffled* and *Plain Petaled* were growing, each variety separately, five acres in rows sixty rods long.