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FRIENDSHIP

COVER—
Our specialty—plump high crowned bulbs from bulblets. Photo shows the bulbs after they have been gently loosened by the bulb lifter.
I want to express my appreciation for the confidence our customers have shown in us. Your fine orders made the 1947-'48 season by far our best to date. Also, I wish to greet the many new customers who will purchase bulbs from us for the first time this year.

The many fine cards and letters telling us of the nice stock we sent out and of the service we rendered are deeply appreciated. This correspondence is carefully filed; it reminds us to be a little more helpful and to be of more service than is actually required.

This past summer we exhibited at three of the Illinois shows—Edwardsville, Champaign, and Le Roy. I wish to express my sincere thanks to the members of the show committees and all others who helped in staging these shows, for the privilege of allowing us to exhibit our flowers. We were disappointed in not being able to take some spikes to our Indiana show; a very early season prevented this. In addition to the Illinois shows, we attended the Binghamton, Boston, Indiana, and Fort William, Ontario exhibitions. This extended trip of over 7,000 miles was made still more enjoyable by the many chats we had with growers all the way from the East coast to Nebraska and into Canada.

Our customers know what quality of bulbs and bulblets they will receive. I believe that the best medium of advertising is to supply the finest stock that can be grown. We have built up a reputation for filling orders generously and also including samples of new varieties for trial. A large percentage of our bulb crop is first year bulbs from bulblets; the remainder is grown from 5s and 6s. These bulbs are young and very high crowned; it is the finest stock we have ever grown. The entire planting remained green and healthy right up to digging time. These bulbs, grown on a fine piece of land never before used for growing bulbs, have the ability to produce high quality blooms. Our stock is stored in galvanized screen bottom trays with the bulbs not over 3½ inches deep in the trays. These trays are then placed in racks in such a manner as to allow plenty of air circulation around each and every tray. All of our stock is dug, cleaned, and graded by hand and is never mutilated in any way. I personally inspect each and every order before it is packed for shipment. Practically all of the retail orders and many of the wholesale ones are filled personally. Many times I have been asked how we get such large bulbs from bulblets in one year. It probably is due to our long growing season plus irrigation and intensive cultivation. Of course dusting is also important in keeping the young plants free of insects and in a healthy growing condition. We use 5% DDT for thrip control plus a small percentage of copper dust to prevent fungus diseases.

In our listings we have tried to describe the variety's defects as well as its good qualities. As every variety listed was grown here, the descriptions were prepared from appraisals in our fields. The plan of growing a variety before approving it for listing is being continued. A variety will perform differently according to the soil, climate, and weather conditions to which it is exposed. Basing our judgment on performance here, we sincerely believe that each variety offered in this catalogue is definitely worthwhile, either for exhibition or commercial purposes. We were privileged to test and evaluate quite a few seedlings. Three of those we rated as being worthy of introduction are offered in this catalogue. This rating was given on one year's growing.

Some varieties are grown in limited quantities and we urge you to order as early as possible. Last winter we were sold out of some kinds by the first of February and by the 15th of February seventy-five percent of orders received had to be returned as we didn't have the stock to fill them. To those whose orders were returned, I sincerely regret the inconvenience caused and trust that we will again be favored with an order this year.

It is a pleasure to submit to you our 1949 list and I sincerely wish each and everyone a successful growing season for 1949.

GEORGE W. LASCH
Classification

We are again listing our varieties as they are classified in most of our Gladiolus shows. With this complete information at hand, you should be able to know in advance the class in which you would like to enter your spikes. This method of listing also gives you other valuable information which you will readily note.

First is the name of the variety, then in parenthesis the size and color class figures. Following this is the name of the originator and year in which the variety was first available to American purchasers. The figures in the last parenthesis denote the number of growing days required from planting to date of blooming. The number of days to bloom is figured for large bulbs; medium bulbs usually require 5 to 7 days longer to bloom. Because of variations in climate, the number of days required for a particular variety to bloom may vary by several days. However, the listed blooming dates will give a fair idea of what to expect of a variety.

CLASSIFICATION KEY

Sizes—

- Miniature Glads—100 (Florets under 2 1/2 inches).
- Small Glads—200 (2 1/2 inches through 3 1/4 inches).
- Medium Glads—300 (Above 3 1/4 through 4 3/4 inches).
- Large Glads—400 (4 1/2 inches through 5 3/4 inches).
- Giant Glads—500 (5 1/2 inches and larger).

Color Classes—

00 White—00 without conspicuous marking.
White—01 with conspicuous marking.
Cream—06 without conspicuous marking.
Cream—07 with conspicuous marking.

10 Yellow—10 (light).
Yellow—12 (deep).
Yellow—13 (deep) with conspicuous marking.
Buff—16
Buff—17 with conspicuous marking.

20 Orange—20 (light).
Orange—22 (deep).
Orange—24 (red orange).

30 Salmon—30 (light).
Salmon—32 (deep).
Salmon—33 (deep) with conspicuous marking.

36 Scarlet—36.

40 Pink—40 (light) without markings.
Pink—41 (light) with markings.
Pink—42 (deep).
Pink—43 (deep) with conspicuous marking.

50 Red—50 (light).
Red—52 (deep).
Red—54 (black).

60 Rose—60 (light).
Rose—62 (deep).

66 Lavender—66.

70 Purple—70.

76 Violet—76 (light).
Violet—78 (deep).

80 Smoky shades.
Smoky shades—82 (orange smoky).
Smoky shades—83 (salmon smoky).
Smoky shades—84 (pink smoky).
Smoky shades—85 (red smoky).
Smoky shades—86 (lavender smoky).

90 Any other color.

For example, the classification number of Algonquin is 536. The 500 means that its floret size is 5 1/2 inches or larger and the 36 indicates it is a scarlet. Hence the numbers in parenthesis listed right after the variety name tell the size and color of the individual floret as grown from large bulbs.
COLOR CLASS COMMENT

(Limited to varieties grown in our fields)

WHITE—00
Several fine white varieties have been made available during the past few years but cut-flower growers, especially those shipping their spikes, are still looking for an A1 commercial white. SILVER WINGS would fill the bill completely if it were not for the pink streaking in an occasional spike. Growers who can cut it with one or two open will find it satisfactory in every respect. When cut in tight bud the pink sometimes can not be detected and florists upon opening the spikes find a small percentage of unuseable flowers. Notwithstanding, SILVER WINGS continues to be a very fancy cut-flower variety as well as an exhibition one. FLORENCE NIGHTINGALE comes well recommended from Canada and makes nice tall spikes. WHITE GODDESS, heavily ruffled and with a long flowerhead, looked good from one year’s growing. WHITE CHRISTMAS is probably the classiest white, very heavy ruffling and texture, opening well in water and with very healthy foliage. Unfortunately, quite a few spikes have misplaced florets. A good spike is nothing short of sensational and creates an enthusiastic desire to grow it without fail. VIRGIN is really white but it can not be relied upon for good placement. WHITE CHALLENGE can produce stunning spikes. Its distinctive soft rose throat contrasts beautifully with its blush white. It, too, does not always have perfect placement. Yellow-throated MT. INDEX is a very tall grower and blooms early. We have never grown WAX MODEL in quantity so can not comment on its cut-flower possibilities. It looked very good this year. Kreuger’s RELIANT is a giant in every way. Its huge florets, robust growth and heavy spike are very impressive. WHITE MAGIC is beautifully ruffled. ALCAN, from one year’s growing, looked to be a fine exhibition variety. HEAVENLY WHITE performs like Rosa Van Lima of which it is a sport. ANNAMAE, very consistent, is our old standby for an early white cut-flower.

CREAM—06
LEADING LADY continues to offer stiff competition at the shows. For cut-flower purposes its fine reputation is well established. Like SILVER WINGS an occasional spike will be found with pink streaking. LAKE PLACID has apparently been overlooked. Its light yellow throat, deeper than LEADING LADY’s, makes a nice contrast. Florets are slightly hooded but do not detract. Not considering color, ORIENTAL PEARL rates highly. It has much to its credit which helps minimize its fault of not having a clean color. WHITE GOLD is still a money maker when bloomed early. Florida growers are planting it in increasing quantities because of its health and vigor. SPARKS is an interesting variety with its splash of color—large red blotch against creamy yellow. LADY JANE is well known as a fine cut-flower. This season’s blooms were the finest of this variety that we have seen. INTERMEZZO is unusual with the peppering in the throat, very consistent in every way.

LIGHT YELLOW—10
GOLDEN ARROW tops the list here. A beautiful color, it makes a nice spike and opens perfectly in water when cut in tight bud. CRINKLECREAM is very good but only opens up to 5 and is a little shy on bulblets. It needs lots of water. TAHLAHNEKA is a nice tall grower but we can not grow it into the 500 class. LEMON ICE is very pleasing in color with nicely ruffled florets. It blooms early. OREGON GOLD is a nice light yellow cut-flower, capable of producing long heavy spikes with many open.

DEEP YELLOW—12
Very early, deep colored VANGOLD is fine for the florist trade. It is a welcome change from the older light colored small flowered varieties that bloom early. It brings good prices on the early market. SPOTLIGHT leaves nothing to be desired as a commercial. It will take its place along with Picardy as an all time great. Its clean red blotch on smooth medium yellow attracts instant attention. GOLDEN STATE is good but has not been so consistent with us this year. It can produce long heavy spikes with many open.

BUFF—16
SUN SPOT apparently is still supreme in the buff class. It is winning awards galore and is so consistent that it qualifies as a fine commercial. GOLD MEDAL will be a heavy winner in the giant class. Its yellow and buff tones, together with huge size, win lasting admiration wherever shown. SUNLIGHT is lovely with its hues of pink, buff and orange. PATROL, a blending of apricot and yellow, can compete with the best. Its florescence of 10 open with remaining buds in color is surely hard to beat.
LIGHT ORANGE—20
DAISY MAE, big and rugged, is a nice color with an attractive blotch. It likes to grow and needs no pampering. JANET LEE, blooming this year from young stock, showed a great improvement.

DEEP ORANGE—22
ORANGE GOLD is of wonderful color. Its growth, straggly in appearance, is very robust. Foliage, remaining green until digging time, is disease resistant. BITTERSWEET, apparently not widely known, has the unusual coloring of a purple throat against deep orange. We believe it will become very popular.

RED ORANGE—24
CRACKER JACK is a fine grower and a good color. It also blooms early. Although ORANGE PRINCE is of medium size, it is a rugged grower. With us it is almost a red. Mr. Lins' TROCADERO is a beautiful clean color. The description "carrot color" belies its beauty. It is very rich.

LIGHT SALMON—30
GAVOTTE is a fine light salmon with good keeping qualities. BENGASI crooks badly in our midwestern heat. It makes marvelous spikes when conditions are to its liking. We like LADY WAYNE with its wide open florets of light salmon shading deeper in the throat. APRIL has a nice clear color but showed some misplaced florets. We have tried to coax EGLANTINE into growing but it is still far too short.

DEEP SALMON—32
SPIC & SPAN has been well received. Straight and tall, it is a stellar performer in every respect. It is a real pleasure to cut spikes of SPIC & SPAN. DIEPPE is one of our favorites. A brilliant salmon scarlet, it never fails to attract attention. It is a fine commercial variety. Dr. Knight's HIHO with 10 open on a very long flowerhead is impressive. PIONEER has size and vigor. GENGHIS KHAN has beautifully ruffled florets of clear color and heavy substance.

SCARLET—36
RED WING gave us some thrilling spikes, beautifully ruffled florets on long flowerheads. Cataloguers' stocks will probably reach the vanishing point before spring. Dr. Graff's INTRUDER is noted for its fine color and ability to take the heat. HIAWATHA boasts many fine qualities. Its formal spikes are of pure scarlet. MOUNTAIN GEM is a beautiful shade of scarlet but only opens 5 or 6 here. The older ALGONQUIN is still popular—so much so that we never have enough stock to last throughout the season.

LIGHT PINK—40
HEART'S DESIRE is destined for great popularity. It has superb qualities and beauty of color and form. Beautifully tinted MISS VERMONT surprised us with its consistently fine spikes. A reliable performer, LADY LUCK, gave us nice tall spikes. PHANTOM BEAUTY repeated its good performance of a year ago by giving us spikes of perfect formal placement. Grown in quantity this year, we realized its fine commercial qualities: perfect placement and texture, straight spikes, ability to open well in water, heavy propagation, and easy growing habits. JUNE DAY led our parade of early blooming varieties. Commercial consideration must be given BEAUTY'S BLUSH; it is a great variety. We admired YANKEE LASS with its fine color and long spikes. CONNECTICUT YANKEE continued its winning ways; it is very popular with garden visitors. LADY BOO is a nice clean pink and a healthy grower. We wish we had a larger stock of VARIATION, the florist variety par excellence. For soft pastel coloring DEBORAH SAMPSON is exquisite. The most critical evaluator would be sure to find his selection in this class.

DEEP PINK—42
COVER GIRL with its long flowerhead and tall growth is winning favor with the fans. Its giant spikes are taking honors regularly. For rich coloring SUMMER GAL is a standout. Its propagating qualities are a little below the average. TROJAN will really produce the bulblets but it is not outstanding here. The attractively blotched variety FABULOUS is very popular. PINK CHARM has nice deep coloring; the spike is good but the plant grows short. CHERRY JAM's deep pink color with a cherry blotch is unusual. Opening many florets of nice clear color is SPELLBOUND. We think highly of PANDORA. It is a beautiful soft pink holding 8 open in the field; we believe we have missed something especially nice. It should have been in our plantings long before this year. With BOISE BELLE, seeing it was wanting it. We could
not resist those 12 open, heavily ruffled florets of firm substance on a long flowerhead with most of the remaining buds in color. Of course, color entered into the picture, too—an unusual combination of pink and yellow.

LIGHT RED—50

The popularity of red shades is growing by leaps and bounds. Florists are having many more calls for red than formerly and are asking for increasing quantities of cut-flowers of this color.

We like ROYAL WINDSOR with its soft red shade and good growing qualities. It is a particularly nice color either outdoors or under artificial light. For wonderful growth and huge wide petalled florets, MID-AMERICA takes the honors. Of course, it is far too large for commercial use; surprisingly its color is clear and smooth. Walking through the rows, brilliant colored RED CHERRY commands your instant attention. It is early and makes quantities of bulblets which grow and bloom with ease. Other growers, too, report wonderful spikes of RED CHERRY. Florets of NAVAHO are of heavy substance. Although it only opens 5 or 6, its florescence is increased by the fact that most of the remaining buds show color. RITA MAE has not been outstanding here but I have observed its fine growth elsewhere.

DEEP RED—52

Everyone knows RED CHARM and now that its price is in the commercial cut-flower grower's range it probably will be the number one florist red. STOPLIGHT is a real commercial, being a little lighter than RED CHARM. KENWOOD is a wonderful unmarked color; it is also a good grower. Probably the heaviest textured glad we grow is CRIMSON TIDE. Its unusual color, white throat against rich crimson, makes it entirely different. We were impressed with the smooth deep color of BIRCH RED. It produces exhibition spikes of double row placement.

BLACK RED—54

BLACK CHERRY is the only black red we grow. Its superlative qualities have no equal in this class to our knowledge. Opening up to 9 very large blooms of deep color, it does not burn in the field. Propagation, germination and growth are excellent.

LIGHT ROSE—60

EVANGELINE produced magnificent spikes here—even those from No. 6 bulbs reaching shoulder height. Irregular placement must be considered a fault but the few spikes of this type noted in our planting did not dim our enthusiasm for the variety. A good spike of EVANGELINE is the ultimate in florescence. Its light rose or pink with creamy yellow throat coloring is a beautiful blend of soft pastel shades. As it bloomed here its color would be classed as a light pink. A 45-inch spike with 10 huge beautifully ruffled florets open is a sight to behold. Its heavy winnings on the show table will continue increasingly. It will probably be years before enough MISS WISCONSIN can be grown to meet the florist demand. DREAM GIRL makes tall stretchy spikes, blooming well from small bulbs. Its color is beautiful. TOPFLITE headed the list of favorites with garden visitors. Its light rose pink color with a deeper blotch is marvelous; it attracts instant attention on the show table. One of our pleasant surprises this year was early blooming, tall growing ASTRID. Extremely early was TRALEE with its light rose color, especially needed in early varieties. VENIDA must not be overlooked. Its beautiful rose lavender color with deep cream blotch makes it outstanding. It opens 8 beautifully formed florets on a long flowerhead. Much admired TIVOLI will make a great commercial. Its fine color, soft clear rose, shading lighter in the throat, will find favor with florists. Smaller ROSE CHARM has earliness, vigor, rapid propagation, and the fine color combination of cream and rose. It opens 5 or 6 on a graceful spike and is a nice cutter.

DEEP ROSE—62

It is still BURMA here. One of the most popular varieties ever introduced, it finds favor with everyone.

LAVENDER—66

It seems incredible that so many fine lavenders have appeared in such a short space of time. As grown here the past two years, PATRICIAN is very fine. Its wonderful medium shade of lavender is an even tone on all the petals. Florets are recurved and huge in size. It is a run-away propagator, one of the best germinators we have ever seen, and is a healthy grower. A fine show flower, MINSTREL has florets up to 7 inches; very ruffled and fluted. Lovely LADY MARIAN is one of the best new varieties we grew. It has color appeal plus A-1 growing qualities. We heartily recommend its purchase. SIBONEY has huge florets and is a fast propagator; color is nice and clear. Its wonderful show record is well known. HUNTRESS is the leading early lavender in the commercial class. Florists are enthusiastic about its many
open pinkish lavender blooms; it opens perfectly in water. Propagation is rapid and a good percentage of large bulbs can be dug the first year. LAVENDER PRINCE is of deep color and is a nice cutter. ABIGAIL looks very nearly like Minuet; it is early in blooming and it propagates. Of regular performance is MYRNA FAY. In hot weather it is subject to extreme flecking but its commercial value should not be overlooked; bulbs are literally covered with bulblets.

A good grower is POET'S DREAM but flowerheads are somewhat short. WEDGWOOD is lovely with its blue lavender color and creamy yellow throat. Its beauty and purity of color excel. ELIZABETH THE QUEEN with its fine color and ability to open well in water is being widely grown commercially. GRAND OPENING is a heavy winner in the medium class with 10 open and perfect placement.

**PURPLE—70**

The purple class is weak and is in need of some good new varieties. MARGARET WOOD, a poor performer last year, made an about face and gave us nice tall spikes. There seems to be no color just like it—deep wine purple. EUNICE EWING is unusual with its white throat.

**L'G' T VIOLET—76**

**DARK VIOLET—78**

Tall growing BLUE LAGOON makes an excellent spike and is very healthy; it is a beautiful bulb maker. It opens 5 or 6 and blooms early. Bulblets grow waist high and bloom freely. ABU HASSAN has a very dark clear color but it has been a poor germinator for us.

**SMOKY SHADES—80**

STORMY WEATHER, DUSTY MILLER, and TWILIGHT DREAM make up a fine trio of Smokies. STORMY WEATHER with its lavender and grey shades surely is well named. DUSTY MILLER with its grey, cream, and scarlet markings is a consistent winner for us. The rose, tan, and cream of TWILIGHT DREAM is very attractive. Both STORMY WEATHER and DUSTY MILLER are tall growing with the former probably having a few inches in advantage.

These are our appraisals based upon the 1948 growing season here. It is entirely possible that they will change next year, depending upon the continued performance of the newer varieties. A new variety should not be condemned on one year’s growing. It is entirely possible too that a stellar performing variety may not be so good the next season.

After reviewing the above list, one cannot help but realize the almost futile attempt to select a fault-free variety. Perhaps we shouldn’t be too harsh in pointing out minor defects such as an occasional mis-placed floret. The perfect glad is somewhere in the future—we hope not too distant. With these thoughts in mind, our list of twelve favorites is as follows: Red Wing, White Christmas, Sun Spot, Dieppe, Heart’s Desire, Black Cherry, White Challenge, Topflite, Lady Marian, Evangeline, Spotlight, and Burma.
NEW INTRODUCTIONS
(from Reliance Gardens)

MISS CHICAGO (Buchheit-Kreuger) '49 (class 560)
(Mr. Kreuger's description)

The compact floret arrangement of beautiful Miss Chicago, rose with distinctive yellow inverted crescent, and the fine color make an attention arresting spike. It opens 8 to 10 giant florets at one time on long spikes with 20 to 22 inch flowerheads. The usual number of buds is 18.

Both the plants and bulbs are healthy. The former being taller than most Glads. It is mid-late in bloom season.

Miss Chicago is a conservative producer of good germinating bulblets.

Its major wins this past show season were at Kankakee, Ill.—Champion Seedling; 3 spike seedling Champion at Kohler, Wisconsin; and Champion 3 spike seedling and American Home Achievement Award winner at Garfield Park, Ill.

Price each bulb—Large, $5.00; medium, $4.00; small, $3.00. (No bulblets sold this year.)

Miss Chicago was grown by us as a seedling. Its delightful color combination, fine growing qualities, and health of foliage and bulb, make it a real pleasure to present it to you.

(from Noweta Gardens)

FRIENDSHIP (Picardy x Maid of Orleans) x (Gloaming x Seedling)
A soft pure pink shading to cream with a large white throat. Opens up to 8 beautifully arranged 5-inch ruffled florets on a spike of 17 buds. It blooms early and makes nice spikes from any size bulb. Propagation is very heavy, bulblets germinate and grow well, and it makes nice looking, healthy bulbs. We grew this in our trial garden and liked it so well that we requested permission from Mr. Fischer to include it in our listings. It is a very beautiful variety, one that should meet instant favor.

Prices—$2.00 each, any size—12 for $20.00.

VELVET MANTLE (Dr. Hoeg x Black Opal)
A glistening velvety dark red. Opens up to 10 florets on an 18 to 20 bud spike. Florets are 4½ to 5 inches in diameter. It blooms in mid-season. It is a tall husky grower and, blooming here in 95 degree heat, did not burn in the field nor crook. Does best from large bulbs. Propagation is excellent and the bulbs are especially high-crowned. As with Friendship, this variety gave an excellent account of itself here.

Prices—$2.00 each, any size—12 for $20.00.

1 large, 1 medium, 1 small and 10 bulblets for $6.00.
**GENERAL LIST**

<table>
<thead>
<tr>
<th>Name</th>
<th>Variety</th>
<th>1 Per</th>
<th>Large</th>
<th>Medium</th>
<th>Small</th>
<th>Bulblets Per</th>
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</thead>
<tbody>
<tr>
<td><strong>ABIGAIL (366)</strong> Myers '44 (75)</td>
<td></td>
<td>10.00</td>
<td>8.00</td>
<td>6.00</td>
<td>4.00</td>
<td>100.00</td>
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<tr>
<td>A lavender that is very near the shade of Minuet. Opens up to 8 florets of double row placement. It is a good strong tall grower and production of bulblets is good.</td>
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<td><strong>ALGONQUIN (536)</strong> Palmer '39 (80)</td>
<td>3</td>
<td>.25</td>
<td>5.25</td>
<td>10.25</td>
<td>.25</td>
<td>100.00</td>
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<tr>
<td>A very brilliant and showy scarlet. Opens up to 10 large ruffled florets on a long flowerhead. A-1 commercial as well as a fine exhibition variety. Good increaser. Fine bulb maker.</td>
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<tr>
<td><strong>ANNAMAE (400)</strong> Pommert '40 (70)</td>
<td>3</td>
<td>.20</td>
<td>.15</td>
<td>.10</td>
<td>.25</td>
<td>100.00</td>
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<tr>
<td>Chalk white with a tiny wine-red spot deep in the throat. Opens 8 florets of regular placement on a straight stem. Produces jumbo bulblets many of which grow into large bulbs the first year. Uniform and dependable, a fine early commercial white.</td>
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<tr>
<td><strong>ASTRID (560)</strong> Jack '46 (77)</td>
<td>1</td>
<td>.75</td>
<td>.50</td>
<td>.35</td>
<td>.25</td>
<td>100.00</td>
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<tr>
<td>Clear medium rose with a narrow cream throat line. Opens up to 8 large ruffled florets on a tall spike. Plant is very robust and it blooms well from small size bulbs. Medium propagator but bulblets grow well.</td>
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<tr>
<td><strong>BEAUTY'S BLUSH (440)</strong> Fischer '47 (85)</td>
<td>1</td>
<td>.50</td>
<td>.35</td>
<td>.25</td>
<td>.25</td>
<td>100.00</td>
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<tr>
<td>Soft blushing pink. Opens 7 on a tall spike that never crooks. It is healthy and a very robust grower. The light pink florets are well arranged and attached and open flat against the stem. Produces quantities of large easily germinating bulblets. Wonderful commercial.</td>
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<tr>
<td><strong>BENGASI (530)</strong> Cave '43 (85)</td>
<td>1</td>
<td>1.00</td>
<td>.50</td>
<td>.25</td>
<td>1.00</td>
<td>100.00</td>
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<tr>
<td>Light pink, deepening toward the edge of the petals, blending to a white throat. Opens up to 10 on a spike of 18 to 22 buds with a very long flowerhead. Crooks very badly if bloomed in hot weather. Very fine when bloomed in the fall or in localities that do not have periods of extreme heat. Foliage is a yellow green color.</td>
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<tr>
<td><strong>BIRCH RED (552)</strong> Rich '45 (90)</td>
<td>1</td>
<td>2.00</td>
<td>1.25</td>
<td>.75</td>
<td>1.00</td>
<td>100.00</td>
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<tr>
<td>A pure deep sparkling red. Opens up to 8 round florets of double row placement on tall wiry stems. A little longer flowerhead is desirable but apparently this is its only fault. It is very prolific and most of the bulblets bloom. For smooth clear coloring, Birch Red is hard to beat in the deep red class.</td>
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<tr>
<td><strong>BITTERSWEET (422)</strong> Troyer '43 (85)</td>
<td>1</td>
<td>.35</td>
<td>.25</td>
<td>.15</td>
<td>.35</td>
<td>100.00</td>
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<td>A very striking deep orange with a purple throat. This attracts lots of attention due to its unusual color combination. It is a strong grower and good propagator.</td>
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From Menominee, Michigan—

Received the bulbs today and thanks for the extra No. 4s of Silver Wings; they sure are swell looking bulbs. Thanks a lot for the fine way you have been filling our orders, it is sure a pleasure to open a package of bulbs from you folks.
BEAUTY'S BLUSH
(From Large Bulbs)
BLACK CHERRY (554) Rich ’48 (85)
A giant black red. Opens up to 8 florets that measure 6 inches in diameter on a flowerhead of 24 inches. Does not burn in the sun. This is an A-1 exhibition variety and is much admired whenever shown. Good increaser and grows well from bulblets.

BLESSED DAMOSEL (440) Boerman ’44 (95)
A beautiful lively shade of glowing pink. Opens up to 8 round florets of heavy texture. Bulbs have a rough appearance. Very heavy increaser and the bulblets grow easily.

BLUE BEAUTY (476) Pfitzer ’36 (75)
Medium violet, shading darker toward the edges. Opens 5 or 6 large wide open blooms on a medium height plant. An older variety that is still very popular.

BLUE LAGOON (478) Snyder ’46 (70)
A dark violet, lighter in the upper throat, slightly deeper on the lower throat petal. Opens 6 well placed florets of excellent texture. Very tall growing with a long flower head. Makes good spikes from small bulbs. Production of bulblets is heavy and they germinate easily. Fine bulb maker.

BOISE BELLE (343) Roberts ’48 (98)
An unusual yet beautiful combination of deep pink and yellow. One of the most attractive varieties in our plantings. Opens up to 12 heavily ruffled florets with the lower petals a clear yellow and a picotee edging of pink. The outer edges of all petals are a pink color. The florets are 4½ inches in diameter and are of very heavy substance. Spikes are tall with up to 22 buds. Will hold 10 or 12 open and practically all the buds will show color. For something different, try Boise Belle.

BRIDESMAID (540) Wheeler ’45 (80)
Salmon with a creamy yellow throat. Opens up to 6 well attached florets on a good spike. Plants grow very tall. Makes quantities of bulblets which grow easily.

BURMA (552) Palmer ’43 (88)
A very deep reddish rose with wide open heavily ruffled blooms. Opens up to 8 ruffled florets of heavy substance on a straight spike. Florets and buds will burn if left to open in the field. Wonderful commercial for local use. Florists like its unusual color. Ranks as one of the best of all Glads. Very heavy increaser and germinates nearly 100%.

From Mahopac, New York—

Received bulbs yesterday in fine shape. They are very clean good looking bulks. I did not expect to get any extras with Special Collections. Thought as Golden Arrow and Silver Wings.
CHERRY JAM (543) Zimmer '43 (80)
A salmon pink with a deep cherry blotch on the lower petal. Opens up to 8 on a stem of medium height. Good propagator and it blooms freely from bulblets.

CONNECTICUT YANKEE (441) Schenetsky '44 (90)
Light pink with an attractive scarlet throat blotch. Opens up to 10 florets with double row placement. Medium propagator but germination is excellent. Still winning heavily at the shows—our spike of Connecticut Yankee was named "Best Recent Introduction" at the Champaign, Illinois show (1948).

CORONA (560) Palmer '40 (80)
Large creamy white with a distinct rose picotee edge. Opens 7 or 8 florets on a tall spike of 18 buds. Corona is a very popular variety.

COVER GIRL (542) LaSalle '45 (90)
A medium pink that opens up to 10 florets on a very long flowerhead. Plants are very tall and robust and it makes quantities of bulblets. "Giant" is the descriptive word for Cover Girl.

CRACKER JACK (425) Allen '46 (80)
Deep orange yellow with a strawberry throat blotch. Opens up to 6 plain petaled florets on a thin spike of 14 to 16 buds. Florets are of heavy substance and have good placement and attachment. Bulblet production is heavy and practically all of them will bloom. Makes a fine commercial variety. Cracker Jack rated very high in the 1947 N.A.G.C. sponsored trial gardens.

CRIMSON TIDE (452) Roberts '45 (90)
A very deep crimson with a white throat blotch. Opens 5 or 6 heavily ruffled florets of leathery texture. Flowerhead is long and spikes tall and straight. Bulblets are hard to germinate and should be peeled if possible.

CRINKLECREAM (410) Ellis '40 (86)
A clear medium yellow. Opens 4 or 5 large beautifully placed florets with good attachment on a strong stem. This past season we cut the finest spikes of Crinklecream since we started growing this variety. Medium propagator. Another variety that seems to be at its best when given plenty of water.

DAISY MAE (521) Lins '45 (90)
Orange pink with a deep salmon throat blotch. Opens up to 8 florets on a long flowerhead. Tall and husky, it is also very prolific. Bulblets germinate and grow with ease. It is very consistent and should succeed as a commercial.

From Chicago, Illinois—

My bulbs arrived in fine condition. You get excellent growth from bulblets.
DEBORAH SAMPSON (440) Scheer ’47 (85)
A delicate pink, blending to a creamy buff. A soft pastel color, its recurved florets are arranged in graceful form. Opens up to 8 wide-open florets on a long flowerhead. Bulblets are produced freely and germination is excellent. It is a fine florist color.

DIADEM (462) Lines ’46 (75)
Silvery Rose with a cream throat. Opens 7 lightly ruffled florets on a tall straight stem. Flower is fragrant although its fragrance is not detected by everyone. Makes lots of easily germinating bulblets.

DIEPPE (432) Hassel ’45 (85)
A deep salmon red with darker blotch. Words fail in attempting to describe its beautiful yet brilliant color. Opens 7 well attached and placed florets on a stem that does not crook. Makes lots of bulblets that germinate easily. Its commercial success seems assured.

DREAM GIRL (460) Kreuger ’45 (95)
Light rose pink with a small rose blotch. Opens 8 on a tall straight spike. It is a beautiful color and makes a fine florist variety. It is not a heavy propagator. Makes fine spikes from small bulbs.

DUSTY MILLER (486) Elliott ’45 (85)
A bluish-gray with a blending of scarlet and cream in the throat. Opens up to 9 florets that have perfect placement, attachment, and substance. It is a fine propagator and grower. It has been a consistent winner for us in its color class. If you want a good smoky, don’t forget Dusty Miller.

ELIZABETH THE QUEEN (566) White ’41 (86)
Deep lavender with darker lines in the throat. Opens up to 8 wide open beautifully ruffled blooms. Needs lots of water to be at its best. Heavy propagator of easily germinating bulblets. In heavy demand by commercial cut-flower growers.

ETHEL CAVE-COAL (440) Cave ’41 (80)
Still ranks near the top as a good commercial pink. Opens 8 large florets on a straight stem. Very heavy increaser. At its best when bloomed early or late as it flecks some in hot weather.

EUNICE EWING (470) Kaylor ’45 (85)
Deep purple with a white throat. A very unusual and striking color combination. Opens 6 florets on tall spikes. Bulblet production is good and they grow easily.

From Tupelo, Mississippi—

Received my bulbs OK and they are one of the nicest lots of bulbs I have ever had from anyone. Especially do I thank you for the extra Oriental Pearl. Your bulbs are really good looking, also the bulblets are of good size. P. S. I think Glads are the greatest flower in the world.
EVANGELINE (560) Palmer '48 (92)
Light pink with a lavender cast, blending into a creamy yellow throat. It is a beautiful pastel color combination. Opens up to 10 ruffled florets on a flowerhead up to 30 inches. Attachment is excellent but the placement is not always regular. In fact, the only real fault observed was the irregular placement of a few spikes. The plant grows very tall. In our field spikes from No. 6 bulbs stood shoulder high. Foliage is very healthy and appears to be disease resistant. It will open to the tip when cut in bud. It is a medium propagator and it is said that bulblets grow faster than weeds. Our stock grown from No. 6 bulbs, is young and healthy. It has a great show record and should make a good commercial. Our spike of Evangeline was named Grand Champion of the Edwardsville, Illinois show this year (1948).
FABULOUS (443) LaSalle '46 (85)
A deep pink with a half circle blotch of cherry red bordered by light cream. A very striking color combination. Opens 6 florets on a tall stem. One of the most beautiful blotched varieties grown. It is a good increaser.

FAY (440) Jack '45 (75)
Pink with a cream throat. Opens 7 slightly ruffled florets on a medium tall spike. Color is somewhat like Margaret Fulton. It is a heavy propagator of large bulblets many of which grow into large bulbs the first year.

FLORENCE NIGHTINGALE (400) Harris '47 (88)
Clean white, shading into a light cream throat. Opens up to 8 slightly ruffled florets on a flowerhead of 26 to 30 inches. Blooms are well attached and nicely placed. Plant is vigorous in growth and bulblets are produced in quantity. Bulblets germinate and grow easily and practically all of them bloom. It was the top ranking variety in the 1947 Canadian symposium; its commercial prospects are bright.

GAVOTTE (430) Roberts '46 (78)
A beautiful light pink with a creamy throat. Opens 7 florets on a straight stem of medium height. Did very well for us this year as a cutflower. Opens well in water, is a good keeper, and makes lots of easily germinating bulblets.

GENGHIS KHAN (432) Scheer '41 (80)
A clear medium pink. Opens 7 florets, heavily ruffled and of good substance. Spike is of medium height. Heavy producer of bulblets which grow well.

GLAMIS (530) Palmer '40 (90)
Clear salmon rose with cream lip. Opens 6 wide-open ruffled, needlepoint blooms on an always straight spike. Plant grows to about 4½ feet tall. Medium propagator.

GOLDEN ARROW (510) Pruitt '47 (85)
Clear lemon yellow. Opens 8 large well placed blooms that are firmly attached to the stem. Never crooks. It is a beautiful color and contrary to most yellows opens perfectly in water when cut in tight bud. Makes lots of large bulblets which germinate almost 100%. A good percentage of large bulbs are harvested the first year from bulblets.

GOLD MEDAL (516) Beardmore '48 (80)
A giant size yellow with buff tones. Opens 6 or 7 ruffled florets of good substance. Plants grow to a height of 4 feet but spikes are tall. An occasional mis-placed floret has been noted. It has won numerous awards. For exhibitors and fanciers, Gold Medal is a “must” purchase.

From St. Paul, Minnesota—

Received my shipment of Glad bulbs in fine shape. They are all such nice clean bulbs and I want to thank you for the generous overcount you sent me.
GOLDEN STATE (512) Wheeler '42 (90)
Medium yellow with a small pink feather in the throat. Opens up to 10 florets on a tall straight spike. It is a good grower and it propagates well. Bulblets are a little slow in germinating. Makes a good cut-flower variety.

HEART'S DESIRE (540) Fiedler '48 (Midseason)
A light pink, shading into white with a pastel yellow throat. Opens up to 8 heavily ruffled giant florets that open wide and are beautifully placed on a tall spike. Opens to the tip and is a good keeper. It is a fast propagator and the bulblets are strong growers. I would rate Heart's Desire near the very top of our entire list and it is sure to be heard from on the show table. Commercial possibilities are great. It received the award of “Best Recent Introduction” at the International Show at Binghamton this year (1948).

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HEARTS DESIRE ORANGE GOLD TOPFLITE PATRICIAN
(All from No. 4 size bulbs)
Bulblets

Per Large Medium Small Per
HIAWATHA (436) Beardmore '47 (90)
A pure scarlet. A beautiful color, the florets are lightly ruffled and are of good substance and placement. Opens up to 8 wide open blooms. It is a good increaser and grows good from bulblets. Wins regularly at the shows.

HIHO (432) Knight '48 (80)
Deep rosy salmon with a clear white throat. Opens up to 10 florets on a long flowerhead. It resembles its parent, Ogarita in growth, being a tall vigorous grower. It is an improvement in clear color tone over Ogarita. It is a good propagator of big bulblets and they germinate and grow readily. Also blooms from bulblets.

HUNTRESS (466) Jack '45 (75)
A light pinkish lavender. This is the third year we have grown this variety and we have found it to be an outstanding early commercial lavender. Opens up to 8 on a straight stem of medium height. Produces lots of big easily germinating bulblets which make nice sized bulbs the first year. Flecks some in hot weather but if cut in bud the color is clear. Opens perfectly when cut in bud. It will pay cut-flower growers to invest in Huntress.

INTERMEZZO (407) Quakenbush '42 (85)
Deep cream with a lavender feather. Color is different from most cream varieties. Opens up to 7 florets on a tall straight spike. It is a very consistent performer.

INTRUDER (536) Graff '44 (90)
A flame red with a small orange feather at the base of the lower petals. Opens up to 10 florets on a straight stem. It is a heavy increaser and the bulblets grow easily.

JUNE DAY (441) Roberts '46 (58)
Pink with a small cherry blotch. Opens 7 florets on a tall straight spike of 20 buds. Florets are of good substance and attachment is good. Makes lots of big bulblets, a large number of which grow into large bulbs the first year. One to catch the early market with as it is one of the earliest ones to bloom; blooms over a fairly long period but flowers from large bulbs are gone before other early varieties bloom.

KENWOOD (452) Lins '43 (80)
A brilliant smooth red with no marks, blotches, or flecking. Opens 6 plain petaled florets on a tall spike with a long flowerhead. Good propagator and bulblets germinate easily.

KING LEAR (570) Palmer '38 (75)
Deep purple with a silver line on the edge of the petals. Opens up to 7 large heavily ruffled florets. Attachment is not too good. It is a good commercial variety in the darker colors.

From Magnolia, Mass.—
I have received my bulbs in my first order from you people. I have about 35,000 bulbs and I think that those from you are as good as any I have ever received, clean and plump.
KING WILLIAM (530) Schenetsky ‘40 (85)
Salmon and apricot blending to a clear cream throat. A little lighter in color than Picardy, of which it is a sport. Makes a good commercial.

LADY BOO (440) Graff ‘44 (90)
A clear shade of shell pink. Opens up to 7 florets on a spike that never crooks. Opens to the tip when cut in bud. Foliage is resistant to the Florida leaf spot. Makes lots of bulblets and they grow easily.

LADY JANE (406) Lake ‘41 (85)
A clear cream with yellow lips. Opens up to 7 ruffled florets of fine texture on a spike that never crooks. This variety seemed to out-do itself this year, making long heavy spikes that were a pleasure to cut. It is a first class commercial in every respect.

LADY LUCK (540) Harris ‘44 (80)
A peaches and cream sport of Picardy. Opens up to 8 florets on a tall stretchy spike. It is a heavy propagator.

LADY MARIAN (466) White ‘48 (85)
An exquisite blending of lavender, pink, and cream. Opens up to 10 ruffled florets that are beautifully arranged on a long flowerhead. Does not crock. Opens perfectly when cut in bud and is an excellent shipper and keeper. Plants grow tall and foliage is healthy. As a propagator, germinator, and grower, it is A-1. You can dig many large bulbs from bulblets. Lady Marian has many awards to its credit and it should make a top commercial. We are sure that you will like it.

LADY WAYNE (530) Deem ‘48 (95)
A clear salmon pink with a deeper throat. Opens up to 8 wide open florets of 5½ in diameter that are well placed and attached to a spike of 18 to 20 buds. It is a good strong grower reaching a height of about 5 feet. Bulblet production is heavy and germination is excellent.

LAKE PLACID (506) Wilson ‘45 (90)
A creamy white with a light yellow throat. Opens up to 8 very large florets on a long flowerhead. Placement and attachment is good. Plants grow tall and the spikes are wiry and straight. It is very consistent in growth and bulblet production and germination is excellent.

LAVENDER PRINCE (466) LaSalle ‘44 (90)
A soft deep lavender with deeper lines in the throat. Opens up to 6 blooms on a fairly long flowerhead. Plants grow tall and straight and it is a good increaser of easily germinating bulblets.

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From Danville, Illinois—

My order of bulblets was received several days ago and I am writing to thank you for the exceptionally fine stock shipped to me. They are without question the finest lot that I have ever received from any grower.

18
LEADING LADY (506) Johnston '42 (87)
Creamy white with a lemon yellow throat. One of the most popular varieties grown. Opens up to 8 perfectly arranged florets on a tall spike. Its fine commercial qualities are well known. Leading Lady still offers plenty of stiff competition at the shows.

LEMON ICE (410) Jack '47 (Early)
Light sulphur yellow with a deeper throat. Opens up to 7 beautifully ruffled florets on a long flower-head. A very rapid propagator, the bulblets make good growth.

MARGUERITE (533) Pommert '39 (80)
An attractive pink with a golden throat. Opens 5 or 6 florets on a long heavy spike. Stem below the flowerhead is usually short. Plant is vigorous and bulblet production is ample but they do not germinate easily.

MARGARET WOOD (570) Marshall '47 (80)
Deep wine purple. Its unusual color attracts immediate attention. Florets are not well attached and occasionally are irregularly placed. Makes a medium tall plant.

MID AMERICA (550) Knierim '47 (85)
A clear brilliant light red. Opens up to 9 huge florets that reach 7 inches in diameter. Blooms are nicely placed on very long flowerheads. Attachment isn't bad considering the size of the florets. Spike is very tall and stiff. Foliage is heavy, bulblet plants standing waist high. Bulblets are produced heavily, they germinate very good, and make very robust growth. If you like them big, try Mid-America. Grand Champion at the Wheeling, W. Va. show this year (1948).

MINSTREL (566) Palmer '44 (85)
A large lavender pink. Flecks some in extreme heat. Opens up to 8 very large florets that have fine attachment and placement. Florets are ruffled and fluted. Makes a long flowerhead on a somewhat short plant. Good increaser and grower.

MISS VERMONT (540) Hatch '45 (80)
Light pink, tinted lavender, shading deeper in the throat. It opens up to 10 well attached florets on a long flowerhead. Plant is of medium height. We cut Miss Vermont in quantity this year and it was one of the surprises of the season. Its delightful color blending is well liked by florists.

MISS WISCONSIN (460) Kreuger '43 (90)
A beautiful rose pink that is sought after by florists. Opens up to 8 blooms on a medium height spike. Less than an average propagator, it makes its bulblets late in the season. We always leave stock of Miss Wisconsin in the ground until the very last. Bulblets germinate and grow nicely. The demand for this variety has always exceeded the supply.

Just want to tell you that I am highly pleased with the stock you sent me. I shall look forward to an order from you again next season.
2. Cultivation is begun just as soon as the bulblets push through the soil. Twenty rows of bulblets, each seven hundred feet long, are planted between each section of irrigation pipe.

3. Our automatic irrigation equipment supplies the proper amount of moisture at the needed time.

4. By the middle of May, the bulblets are sturdy enough for tractor cultivation. Bulblets and planting stock are cultivated at least once a week until October.

5. With our tractor-mounted duster, our entire planting is dusted quickly and efficiently. 5% D.D.T. is applied every ten days to two weeks.

MOUNTAIN GEM (436) Requa '46 (80)
Scarlet with a light picotee edge. Opens 6 round florets on a tall straight spike. Near the same shade as Algonquin. Produces lots of easily germinating bulblets.

MT. INDEX (401) Miller '42 (68)
White with a yellow throat blotch. Opens up to 8 florets on a tall straight spike. Propagation of bulblets is good, germination is good, and all in all makes a fine early cut-flower.

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Phantom Beauty
(Both from No. 3 size bulbs)
MYRNA FAY (466) Lines '46 (85)
A medium shade of lavender, often flecked deeper. Opens up to 10 on tall straight spikes. Blooms from any size bulbs, even bulblets producing salable spikes when given plenty of water. A very heavy propagator and the bulblets grow like weeds.

NAVAHO (450) Lins '44 (85)
A dark red of heavy substance. Opens 5 or 6 with most of the remaining buds showing color. Florets are perfectly placed and the plants tall and straight.

OGARITA (532) Wilson '42 (90)
Rose salmon shading to a golden throat. Opens up to 8 florets on a very long flowerhead. Plants are very tall and vigorous. A good commercial variety.

ORANGE GOLD (422) Marshall '45 (80)
A wonderful shade of golden orange. Opens up to 9 round florets that are flat and tight against the stem. One of our tallest growing varieties, its appearance could be improved some if the flowerheads were a little longer. It is unbeatable for color, is disease resistant, and makes lots of big bulblets. Germination on this variety has been good for us.

ORANGE PRINCE (324) Snyder '45 (80)
A reddish orange, more on the red side. It is a tall vigorous grower, making a long heavy spike. Opens up to 7 or 8 well placed florets. Good propagator.

OREGON GOLD (410) Majeski '41 (110)
A large light yellow with a deeper throat. Opens up to 10 ruffled florets on a long straight spike. Plants grow very tall. Produces great quantities of rather small bulblets that germinate good. Makes a fine cut-flower variety.

ORIENTAL PEARL (506) Carlson '46 (85)
A cream with very large wide open plain petalled florets. Although the color is quite dull, this variety has many good points to its credit. It is healthy, bulblets are produced in quantity, bulblets grow like weeds, they make good sized bulbs the first year, and the bulbs are clean and bright and high-crowned.

PANDORA (342) B. L. Palmer '40 (85)
A soft light pink with a darker line in the throat. Opens up to 10 on a straight medium tall spike. Somewhat like Picardy but is a better color and is far more consistent. Placement and attachment is excellent and it is an A-1 commercial. It apparently has been overlooked by most cut-flower growers. Our entry of Pandora was 3 spike Champion at the Champaign, Illinois show this year (1948).

From Johnstown, Pa.—
Received your bulbs in good condition. Thanks for the extras, the nice clean bulbs, and good size.
RELIANT

SUMMER GAL

(Both from Large Bulbs)
PATRICIAN (566) Scheer ’47 (87)
A beautiful medium shade of lavender. Beyond a
doubt the finest lavender we have grown. Opens
6 or 7 recurved florets with 4 or 5 buds showing
color. Attachment, placement, and facing are all
that could be desired. The florets measure 6 inches
in diameter and the spike is strong and straight with
up to 22 buds. It opens to the tip when cut in bud.
Foliage is a deep emerald green color and the plant
is very vigorous. Bulblet production is extremely
heavy, the bulbs being literally covered with bulb-
lets. Although small, they grow like weeds. Germin-
ation for us was practically 100% with many of
the bulblets blooming. A very careful periodic in-
spection has been made of our stock of Patrician
throughout the growing season and we have never
found a diseased plant. It is exceptionally healthy
with us. Judged on its performance here, Patrician
is a top commercial prospect. All bulbs offered will
be first year from bulblets.

PATROL (316) Palmer ’46 (77)
A light apricot with a yellow throat. Opens up to
10 with most of the remaining buds in color. Florets
are tightly attached and well placed on excellent
spikes of long flowerheads. Foliage shows some
discoloration but the bulbs are clean and healthy.
It is a good increaser and germinator.

PHANTOM BEAUTY (540) Bastian ’47 (85)
A beautiful light pastel pink. Opens up to 12
firmly attached florets of excellent placement. It is
a healthy robust grower with a good percentage
of the bulblets making large bulbs the first year.
Bulblets are produced in quantity and they germinate
easily. Opens perfectly from tight cut bud and is a
good keeper. A dozen, tied flat for delivery to the
wholesale flower house, is a sight to behold with 8
to 10 open.

PINK CHARM (542) LaSalle ’46 (80)
A medium pink, deepening in the throat. Opens up
to 7 florets of heavy substance. Not very tall but a
nice color. Propagation is good.

PIONEER (532) LaSalle ’45 (85)
A deep pink blending to a cream throat. Opens up
to 8 very large well placed florets on a heavy spike.
It is a robust grower and although large, has refine-
ment and good color. Makes lots of large bulblets
which grow easily.

POET’S DREAM (366) Fischer ’46 (85)
Light lavender blending into a creamy throat. Opens
6 round heavily ruffled florets on a tall strong spike.
Flowerhead could be a bit longer. It is a healthy
grower and heavy propagator.

From Raymond, Washington—
I was so thoroughly pleased with the bulbs which I received in excellent condition that I
am sending you another order. Smaller, but then again if I do have good results I would
like to order again next year.
Bulblets

**RED CHARM** (452) Butt ’39 (85)
Deep sparkling scarlet shading toward a deeper throat. Opens up to 10 perfectly placed blooms on a tall straight spike. It is a consistent performer, one of the finest varieties grown. Wonderful commercial.

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**RED CHERRY** (450) Roberts ’46 (70)
A brilliant cherry red with slightly deeper throat. Opens 6 or 7 round florets on tall graceful spikes. It is a beautiful and attractive color. Bulblets are produced in quantity and they germinate and grow easily. We cut salable spikes from bulblets.

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**RED WING** (536) Wright ’48 (85)
A rich scarlet, shading deeper on the lower petals. Really a very fine variety and one of the very best new ones. Opens up to 10 ruffled florets on a 36 inch flowerhead with 6 buds showing color. There is no crooking and the plants are strong and healthy. It opens to the tip when cut in bud. Bulblet production, germination, and growth from bulblets is all that one could ask for. Bulblets in our planting produced spikes with 18 buds. It appears to be a fine commercial.

<table>
<thead>
<tr>
<th>Per</th>
<th>Large</th>
<th>Medium</th>
<th>Small</th>
<th>Bulblets</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

**RELIANT** (500) Kreuger ’48 (115)
A very large white with a warm glow in the throat. Opens up to 8 florets of 6 to 6½ inches in diameter on a heavy tall spike. The robust plants grow to a height of 5 feet. Bulblets are produced in quantity and they germinate and grow readily. Bulblet spikes have the appearance of being from blooming size bulbs. The plant and spikes of Reliant command instant attention because of their giant size.

<table>
<thead>
<tr>
<th>Per</th>
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<th>Bulblets</th>
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</tbody>
</table>

**ROSE CHARM** (360) Fischer ’48 (65)
A clear shade of rose with a large cream throat blotch and midribs. Its color is similar to that of Venida but Rose Charm blooms very early. A very vigorous grower and heavy propagator, it makes a nice early cut-flower variety. It opens up to 6 florets and will make a fine commercial in the medium size class.

<table>
<thead>
<tr>
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**ROYAL WINDSOR** (450) Beaton ’46 (80)
A light soft scarlet. Opens up to 10 florets that are perfectly attached on straight spikes. Opens perfectly when cut in bud. Blooms profusely from bulblets which are produced in quantity. Anyone attracted by scarlet or red colors will fall in love with its beautiful, soft color.

<table>
<thead>
<tr>
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<th>Small</th>
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**SIBONEY** (566) Allen ’48 (90)
A medium lavender, deeper in the throat. Opens up to 9 ruffled, fluted florets of huge size. Plants are of medium height but flowerheads are long. Opens well when cut in bud. We observed a few spikes with mis-placed florets. Bulblets are plentiful and germination and growth is all that could be desired. Practically all the bulblets bloomed, some having 16 to 18 bud spikes. Siboney has an enviable show record.

<table>
<thead>
<tr>
<th>Per</th>
<th>Large</th>
<th>Medium</th>
<th>Small</th>
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<tr>
<td></td>
<td>2.00</td>
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</tbody>
</table>

From Nashua, New Hampshire—
The order of bulblets received and look very nice. Thanks for generous treatment.

28
SILVER WINGS (500) Ritsema '44 (88)
Glistening white with a touch of cream in the throat. Opens up to 8 heavily ruffled 6 inch florets. Easily our best cut-flower white. An occasional spike will be found that shows pink streaking in the florets. Plants are very strong and it is a 100% cutter. Production of bulblets is very heavy and their germination is near perfect. Makes a good percentage of large bulbs from bulblets the first year. Still winning heavily at the shows, it was Champion three spikes at this year's N.E.G.S. show at Boston (1948).

SPARKS (506) Glass '47 (95)
Ivory with an orange-scarlet blotch on the lower petals. Opens up to 7 fluted, triangular florets of good placement and firm attachment. The color contrast is very intense. Plant grows tall and it is a good producer of easily germinating bulblets, practically all of which bloom. An unusual variety, well named.

SPELLBOUND (442) Lins '47 (85)
Medium deep pink blending to a white throat. Opens up to 10 plain petaled florets on a long flowerhead. Florets are of heavy substance and the placement is perfect. It is a good propagator.

SPIC AND SPAN (432) Carlson '46 (80)
Tall ruffled deep pink. Opens up to 10 with 8 more showing color. Spikes grow tall and straight and hot weather doesn't seem to bother it. It is a pleasure to be able to cut spikes like Spic and Span. A heavily winning variety at the shows, it has also made good commercially. Makes lots of bulblets that germinate and grow easily. It was 3 spike champion at this year’s Iowa show (1948).

SPOTLIGHT (413) Palmer '44 (80)
Clean medium yellow with a small red throat blotch. Opens up to 7 florets on a long slender stem. Ranks at the top of the yellow class. Opens perfectly when cut in bud and is a very good keeper. Makes lots of large easily germinating bulblets. Some of the nicest bulbs we have grown were from Spotlight bulblets. Blooms well from small bulbs. A first class commercial.

STOPLIGHT (452) Lins '42 (90)
A brilliant medium red. Opens 6 ruffled florets on a tall wiry stem. Blooms are wide open and well attached. It is a vigorous grower and never crooks. Very prolific and many of the bulblets produce saleable spikes.

STORMY WEATHER (480) Barrett '47
A combination of lavender and grey. Opens up to 8 ruffled, wide open blooms on a straight spike. Makes a long flowerhead and grows medium tall. Bulblet production and germination is excellent and they bloom freely. Also makes good growth from bulblets. Stormy Weather is an A-1 exhibition variety—a smoky that we are sure you will like. Well named.

From Le Roy, Illinois—
Many thanks for the nice bulbs you sent. I believe these are the nicest I have seen this year so far.
YANKEE LASS

(Both from Large Bulbs)

28
SUMMER GAL (542) Zimmer '44 (80)
A beautiful glowing geranium pink. Opens up to 10 slightly ruffled florets with several buds showing color. Florets never fleck and spike is always straight. Medium propagator but the bulblets grow easily.

SUNLIGHT (416) Spiller '46 (87)
Rose pink shading to a golden center. The overall effect is a brilliant orange color. Florets are large, well placed, and tightly attached. It is a vigorous grower and produces plenty of big easily germinating bulblets. Grand Champion spike at the Wellesville, Ohio show (1948).

SUN SPOT (417) Roberts '45 (80)
Light apricot buff with a rose spot in the throat. Opens up to 10 ruffled florets on tall straight spikes. One of the most popular varieties in our list, it still wins heavily at the shows. It is a fine propagator and blooms readily from bulblets. Sun Spot was second day Champion at this year’s Indiana show (1948). Also best formal spike at the N.E.G.S. show at Boston (1948).

TAHLAHNEKA (510) Kaylor '42 (85)
A medium soft yellow. Opens up to 7 well placed blooms on a tall spike. We haven’t been able to grow it in the 500 class, the florets being of medium size. Makes a goodly number of bulblets.

TIVOLI (460) K. & M. '47 (90)
A beautiful soft, clear rose shading lighter in the throat. Opens up to 8 florets on tall well-proportioned spikes. Placement and attachment is very good. Tivoli has fine commercial qualities, producing lots of bulblets that germinate and grow exceedingly well. Its color is outstanding.

TOPFLITE (460) LaSalle '46 (85)
A very beautiful soft shade of rose. Opens up to 8 florets on a slender wiry stem. Plants grow to a height of 4½ to 5 feet. Topflite is a wonderful color and attracts immediate attention. One of the most popular with visitors to our trial garden. It is less than an average propagator.

TRALEE (460) Kreuger '47 (75)
A light rose, deeper on the edges of the petals, with a small amber throat mark. It is a needed color especially in an early blooming variety. Flowerheads are long and it opens up to 7 florets. Does well from small bulbs. Medium propagator.

TROCADERO (424) Lins '46 (87)
A most unusual and attractive color—salmon orange or carrot color. A tall vigorous grower, it also makes a goodly number of bulblets. Does best from large size bulbs.

From Porterfield, Wisconsin—

Thank you very much for the fine job you did in filling my order. I am very well satisfied with what you sent and want to repeat what I wrote last year and also told you at our show—I think you have as nice a looking bulbs, regardless of variety, that I have seen or received from any grower.
TROJAN (442) Snyder '47 (90)
Coral pink blending to a creamy buff throat. Opens up to 8 ruffled florets on a 20 bud spike. It is a very heavy propagator of small bulblets.

TWILIGHT DREAM (480) Heberling '47 (80)
A smoky with shades of rose, tan, and cream. A very unusual blending of color. Opens up to 7 on a medium tall spike. Medium propagator.

VALERIA (436) Pruitt '38 (85)
A soft light red in great demand for the florist trade. Opens up to 7 lightly ruffled florets of fine texture. Plant is of strong vigorous growth. Widely grown in the southern states for the winter cut-flower market. Makes lots of bulblets but germination is slow.

VANGOLD (312) Van Voorhis '40 (75)
A clean deep golden yellow. Opens up to 7 plain petaled florets on a medium height plant. Produces jumbo bulblets in quantity that germinate easily. A fine commercial yellow that blooms early.

VARIATION (340) Kreuger '41 (75)
A clear pink with a faint lavender cast. Opens up to 10 with all remaining buds in color. This is a deluxe florist variety. Bulbs have a thin husk which gives them a rough appearance. Does well from small bulbs.

VENIDA (460) Milo '47 (88)
Rose lavender with a large cream blotch. It is a beautiful color combination. Opens up to 8 ruffled florets on a very long flowerhead. It grows tall and strong, spikes from large bulbs producing up to 28 buds. Good increaser and the bulblets bloom freely.

VIRGIN (400) Lins '46 (90)
A pure white. Opens 7 on a straight spike of 20 buds. Florets are round and well attached with recurved petals. Placement is not always perfect. Makes lots of bulblets.

WAX MODEL (400) Kreuger '46 (75)
A tall growing white with a small lavender throat spear. Opens 6 florets on a spike that never crooks. Produces lots of easily germinating bulblets.

DOD (365) Fischer '47 (90)
A live blue-lavender with a cream throat that is liked by everyone. Opens 5 well attached and perfectly arranged florets on a slender spike. Plants are very robust and healthy.

WHITE CHALLENGE (501) Arnett '47 (90)
White with a rose pink blush and rose throat. Opens 7 or 8 heavily textured florets on a strong straight spike. Occasionally will have a mis-placed floret. Florets are wide open and flat and are strongly attached to the stem. Medium propagator. Does not make many large bulbs from bulblets.

From Elida, Ohio—
I received the bulbs in fine shape. I certainly want to thank you for your generous over-count and the extra bulbs.
WHITE CHRISTMAS (500) Fischer ’48 (85)
Pure white shading to a cream throat. Opens up to 8 heavily ruffled waxy florets well attached to a tall spike. Occasionally a spike will show up with florets that have a pink cast. Also placement is not always perfect but a good spike is nothing short of sensational. It is a medium propagator but bulblets are extra good germinators. Bulblets also make excellent growth. Foliage is very healthy and appears to be disease resistant. Old bulbs will split and should have all but one eye removed. Our stock is grown from planting stock.

WHITE GODDESS (500) Roberts ’48 (80)
White, shading to a light cream throat. Opens up to 9 ruffled florets on a long flowerhead. Plant grows strong and tall, up to 6 feet in height. Opens up to 9 florets that are well placed and attached. Flowerheads are long and straight. Blooms well from any size bulb and bulblets make nice spikes. It is a fine propagator and excellent germinator and grower.

WHITE GOLD (506) Scheer ’41 (70)
Huge early blooming cream. Opens up to 5 very large florets on a strong straight spike. Plant is strong and vigorous and is disease resistant. Very prolific and bulblets grow easily. Good early commercial.

YANKEE LASS (440) Schenetsky ’46 (87)
Beautiful light pink. Opens up to 10 florets of double row placement on a long flowerhead. Somewhat like Connecticut Yankee only without the blotch. Spikes are straight and tall with the blooms well placed. Medium propagator and bulblets make good growth.

From Tiverton, Rhode Island—
I received my shipment of bulblets February 17th in very good condition and I want to thank you very much for the overcount.
SPECIAL COLLECTIONS

No. 1—All large bulbs, 1¼ inch and up.
   2 Beauty’s Blush, 2 Daisy Mae, 2 Dieppe, 2 Genghis Khan, 2 Huntress, 2 Miss Wisconsin.
   12 large bulbs, a $4.80 value for $3.50.

No. 1a—The same collection in medium size bulbs, ¾ to 1¼ inch, a $3.30 value for $2.50.

No. 2—All large bulbs, 1¼ inch and up.
   5 Fay, 5 Burma, 5 Poet’s Dream, 5 Silver Wings, 5 Spotlight, 5 Bridesmaid. 30 large bulbs, a $4.50 value for $3.50.

No. 2a—The same collection in medium size bulbs, $2.80 value for $2.00.

No. 3—All large bulbs, 1¼ inch and up.
   10 Blue Beauty, 10 Annamae, 10 Corona, 10 Kenwood, 10 Vangold. 50 large bulbs, a $3.10 value for $2.50.

No. 3a—The same collection in medium size bulbs, a $2.65 value for $2.00.

No. 4—All large bulbs, 1¼ inch and up.
   1 Birch Red, 1 Blue Lagoon, 1 Golden Arrow, 1 Reliant, 1 Sparks. 5 large bulbs, a $7.00 value for $5.00.

No. 4a—The same collection in medium size bulbs, a $4.60 value for $3.00.

No. 5—All large bulbs, 1¼ inch and up.
   1 Gold Medal, 1 Heart’s Desire, 1 Patrician, 1 Spic & Span, 1 White Goddess. 5 large bulbs, a $13.75 value for $9.50.

No. 5a—The same collection in medium size bulbs, a $10.75 value for $7.00.

No. 6—10 hand selected bulblets of each of the following: Patrician, Red Cherry, White Challenge, Spic & Span, Tralee. A $10.25 value for $6.00.

No. 7—$5.00 collection. (All large bulbs, 1¼ inch and up). Any 8, one of a kind—Bengasi, Crimson Tide, Deborah Sampson, Fabulous, Gavotte, Golden Arrow, June Day, Myrna Fay, Red Cherry, Royal Windsor, Sparks, Trojan.

No. 8—$7.50 collection. (All large bulbs, 1¼ inch and up). Any 6, one of a kind—Birch Red, Blue Lagoon, Lemon Ice, Phantom Beauty, Reliant, Spellbound, Spic & Span, Summer Gal, Sunlight, Stormy Weather, Tralee, White Goddess.

MAKE YOUR OWN COLLECTIONS
YOU PICK THEM
Alike or assorted

GROUP “A”
Any variety not over 50c
25...........................................................................$6.75
   (not over 4 of a kind)

GROUP “B”
Any variety not over $1.00
10...........................................................................$6.75
   (not over 3 of a kind)

GROUP “C”
Any variety not over $1.50
10...........................................................................$11.00
   (not over 3 of a kind)

GROUP “D”
Any variety not over $2.00
10...........................................................................$13.75
   (not over 3 of a kind)

GROUP “E”
Any variety not over $2.50
4..........................................................................$8.00
   (not over 2 of a kind)

Note: With collections No. 4, 5, 5a and 6 we will include FREE 1 medium bulb of Phantom Beauty with early orders.

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INSTRUCTIONS FOR ORDERING

(Please read carefully)

MAKING OUT YOUR ORDER. Please put everything down on the order blank just as it is listed in the catalogue. After adding it up, figure your bulb discount and add on the extra bulbs of your choosing. Minimum order $2.00. All retail orders prepaid anywhere in the United States or Canada. Wholesale orders f.o.b. New Albany, Ind.

EXTRA BULBS FOR CASH ORDERS. On cash orders of $2.50 to $5.00 you can select 10% extra in bulbs of your own choosing. From $5.00 to $10.00 select 15%, all over $10.00 select 20%. These discounts do not apply to collections or wholesale prices. All orders will receive overcount and extras but the special discount of extra bulbs is for cash orders only. If you do not have room on the front of the order blank to list your extra bulbs, please use the reverse side.

BUSINESS TERMS. Remittance must be included with an order from the retail list if the amount is less than $5.00. Larger c.o.d. orders must be accompanied by 25% of their value. However to get your special discount of extra bulbs payment in full must be made before shipment. It is our intention to send out only healthy bulbs, true to name, and we will gladly refund the purchase price if the bulbs are found unsatisfactory upon receipt. We cannot, however, guarantee results as planting conditions are beyond our control. (Note: 5 bulbs will be sold at one-half the price of 10.) Stock is state inspected both in the field and in storage.

ACKNOWLEDGMENT OF ORDERS. Every order is written as received and an invoice sent as soon as possible after receiving the order. This invoice should be kept for reference as it is the only one we send out except the copy which goes with the order. When corresponding about a previous order please give the order number that is listed on the invoice.

Small orders are usually sent by mail at our risk. Larger orders are shipped by express fully insured, thereafter our responsibility ceases. Customer should file an immediate claim if the package is received in a damaged condition.

WHOLESALE PRICES. Upon request we will gladly mail our wholesale list to bona fide growers. Extras and overcount are also given on wholesale orders. Be sure to list on the back of the order blank some varieties that you would like to try. Also whether you want large, medium, or small bulbs or bulblets. We will include bulbs according to the size of the order.

F.O.B. ITEMS. If your order contains both f.o.b. and retail items, we will ship them together in one package f.o.b. but will give enough overcount and extras to more than offset the carrying charges on the retail items. If the order is a large one and you want the 2 classes shipped separately, be sure to mark the order blank accordingly.

ORDER EARLY. Although more bulbs are now being grown than a few years ago, there will always be a limited amount of certain varieties. To be sure of getting the varieties you have planned on, send your orders as soon as possible.

BULB SIZES. Large size is 1¼ inch and up, medium size ¾ inch to 1¼ inch, small size ¼ inch to ¾ inch.

BULBLETS. Bulblets of some varieties are hard to germinate. If the bulblets are expensive it will be to advantage to peel them before planting. Do not peel them more than a few days in advance of planting or they will lose moisture and become dry and hard. After planting, whether peeled or not, if they are kept well watered the per cent that will germinate and grow will be much larger. When giving peeled bulblets a pre-planting dip they should only be dipped for an instant, only long enough for the solution to coat them. When growing new introductions, planting bulblets is a cheaper way to get a start, however we cannot guarantee their germination. Usually a big per cent of most varieties will germinate and grow but it pays to give the bulblets a little extra attention. When bulblets are ordered we will always select the largest ones available.

LOCATION. All mail should be addressed to Post Office Box 26, New Albany, Indiana. Our bulbs are grown on our farm located on Indiana Route No. 562 about 2 miles east of the city. Visitors are welcome at any and all times.

All stock is offered subject to prior sale. If we are out of the variety ordered, we will not, under any condition, substitute without your permission. I will personally see that each and every customer receives full value.

Signed,

GEO. W. LASCH.
JOIN A GLADIOLUS SOCIETY!
For additional enjoyment and up-to-date information

A real Glad fan wants all the literature on Gladiolus that he has time to read. By becoming a member of a society and reading its publications one can keep up to date on the knowledge of disease control, insect methods of spraying and dusting, digging and storage, records of show winners, and innumerable other fascinating and valuable information. The price of the annual dues, in most cases a dollar or two, is very small in comparison to the worth of the knowledge gained.

The three national societies are:

The New England Gladiolus Society, Inc.
Annual dues $2.00
Publications: 6 magazines and a yearbook
Sec'y, Mr. Arnold N. Drake, Horticultural Hall, Boston 15, Mass.

The North American Gladiolus Council
Annual dues $1.00
Publications: Quarterly bulletins
Sec'y, Mr. Alfons Bazdorf, Lincoln Park, N. J.

Canadian Gladiolus Society
Annual dues $2.00
Publications: Yearbook and variety symposium
Sec'y, Mrs. J. A. Carlton, 166 Willow Road, Guelph, Ontario.

The Indiana Society offers the up-to-the-minute bi-monthly "Gladland News". It is well written and easily worth $1.00 which entitles you to a year's subscription and membership. Send your dollar bill to the Secretary, Mr. Floyd O. Sonofrank, Peru, Indiana.

If you wish information as to the name and address of the secretary of any of the other 50 or so state and provincial Societies, we will gladly secure this information upon request.

By all means join at least one National Society and your State or local organization. You will be well repaid. There is nothing more enjoyable than to relax in your favorite chair on a cold winter evening with a deeply interesting copy of "Gladland News", the "Notebook", or any of the other fascinating publications issued by State and National societies.
## OUR 1949 LISTING GROUPED BY COLOR CLASSIFICATION

(Not including new introductions)

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<th>SERIES</th>
<th>VARIETIES</th>
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<td>Annamae, Florence Nightingale, Virgin, Wax Model, Mt. Index (401)</td>
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<tr>
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<td>500 (Giant)</td>
<td>Lake Placid, Leading Lady, Oriental Pearl, Sparks, White Gold</td>
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<td>400 (Large)</td>
<td>Lady Jane, Intermezzo (407)</td>
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<td>Crinklecream, Lemon Ice, Oregon Gold</td>
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<td>Bittersweet, Orange Gold</td>
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<td>Crackerjack, Trocadero, Orange Prince</td>
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<td>Bengasi, Glamis, King William, Lady Wayne</td>
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<td>Ogarita, Pioneer, Marguerite (533)</td>
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<td>Dieppe, Genghis Khan, Hiho, Spic and Span</td>
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<td>500 (Giant)</td>
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<td>Hiawatha, Mountain Gem, Valeria</td>
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<td>Bridesmaid, Heart's Desire, Lady Luck, Miss Vermont, Phantom Beauty</td>
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<td></td>
<td>400 (Large)</td>
<td>Beauty’s Blush, Blessed Damoel, Deborah Sampson, E. C.-Cole, Fay, Lady Boo, Yankee Lass, Connecticut Yankee (401), June Day (401)</td>
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<td>DEEP PINK—42</td>
<td>500 (Giant)</td>
<td>Cover Girl, Pink Charm, Summer Gal, Cherry Jam (543)</td>
</tr>
<tr>
<td></td>
<td>400 (Large)</td>
<td>Spellbound, Trojan, Fabulous (443)</td>
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<tr>
<td></td>
<td>300 (Medium)</td>
<td>Pandora, Boise Belle (343)</td>
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<tr>
<td>LIGHT RED—50</td>
<td>500 (Giant)</td>
<td>Mid America</td>
</tr>
<tr>
<td></td>
<td>400 (Large)</td>
<td>Navaho, Red Cherry, Royal Windsor</td>
</tr>
<tr>
<td>DEEP RED—52</td>
<td>500 (Giant)</td>
<td>Birch Red</td>
</tr>
<tr>
<td></td>
<td>400 (Large)</td>
<td>Crimson Tide, Kenwood, Red Charm, Stoplight</td>
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BLACK RED—54 Series
  500 (Giant)  Black Cherry

LIGHT ROSE—60 Series
  500 (Giant)  Astrid
  500 (Giant)  Corona
  500 (Giant)  Evangeline
  400 (Large)  Dream Girl
  400 (Large)  Miss Wisconsin
  400 (Large)  Tivoli
  400 (Large)  Topflite
  300 (Medium)  Tralee
  300 (Medium)  Venida
  300 (Medium)  Rose Charm

DEEP ROSE—62 Series
  500 (Giant)  Burma
  400 (Large)  Diadem

LAVENDER—66 Series
  500 (Giant)  Elizabeth The Queen
  500 (Giant)  Minstrel
  500 (Giant)  Patrician
  500 (Giant)  Siboney
  400 (Large)  Huntress
  400 (Large)  Lady Marian
  400 (Large)  Lavender Prince
  400 (Large)  Myrna Fay
  300 (Medium)  Abigail
  300 (Medium)  Poet’s Dream
  300 (Medium)  Wedgwood

PURPLE—70 Series
  500 (Giant)  King Lear
  500 (Giant)  Margaret Wood
  400 (Large)  Eunice Ewing

LIGHT VIOLET—76 Series
  400 (Large)  Blue Beauty

DEEP VIOLET—78 Series
  400 (Large)  Blue Lagoon

SMOKY SHADES—80 Series
  400 (Large)  Stormy Weather
  400 (Large)  Twilight Dream
  400 (Large)  Dusty Miller (486)
A response from A. Rasmussen & Son, wholesale florists of Louisville, Kentucky, to our request for comments on cut-flower possibilities of newer varieties of Gladiolus.

Dear Mr. Lasch:

You have asked me for comments on the commercial possibilities of some of the newer varieties of Glads, the observations to be based on customer reaction at my Louisville, Ky., wholesale house.

Last year I mentioned such varieties as Leading Lady, Silver Wings, and Annamae in white; Miss Wisconsin in rose color; Spotlight, Crinklecream, and Vangold in yellow; Lady Jane and Oriental Pearl in cream; Huntress in lavender; Red Charm in red; and Summer Gal in pink as being among the best varieties coming to our store. They are still good.

This year you sold up so close on bulbs of so many of your newer fine varieties that except for Phantom Beauty, Miss Vermont, and Spic & Span we did not get enough flowers to render judgment. Phantom Beauty with its many open, well placed firm flowers is a top notcher. Miss Vermont is a very pleasing light rose color, with fine flowers and placement. Spic & Span proved very fine with its almost perfect spikes, fine ruffled florets, and strong straight stems. It qualifies as an A-l commercial with us. All of these were well accepted.

Now George, if you want comments this next year you will just have to not sell so much of your fine new bulb stock and so bring me more flowers.

Sincerely,

John C. Rasmussen
FROM OUR FIELD NOTES OF THE 1948 SEASON

The first 30 varieties to bloom.

<table>
<thead>
<tr>
<th>Days</th>
<th>Variety</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>June Day</td>
</tr>
<tr>
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<td>Wedgwood</td>
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<td>63</td>
<td>Myrna Fay</td>
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<td>64</td>
<td>Rose Charm</td>
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<tr>
<td>66</td>
<td>Red Cherry</td>
</tr>
<tr>
<td>66</td>
<td>Tralee</td>
</tr>
<tr>
<td>67</td>
<td>Beauty's Blush</td>
</tr>
<tr>
<td>68</td>
<td>Vangold</td>
</tr>
<tr>
<td>70</td>
<td>Golden Arrow</td>
</tr>
<tr>
<td>71</td>
<td>Phantom Beauty</td>
</tr>
<tr>
<td>72</td>
<td>Annamae</td>
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<td>72</td>
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<td>72</td>
<td>Blue Lagoon</td>
</tr>
<tr>
<td>74</td>
<td>Alcan</td>
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<tr>
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<td>Lemon Ice</td>
</tr>
<tr>
<td>74</td>
<td>Mt. Index</td>
</tr>
<tr>
<td>74</td>
<td>Bridesmaid</td>
</tr>
<tr>
<td>75</td>
<td>Huntress</td>
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<td>75</td>
<td>Orange Gold</td>
</tr>
<tr>
<td>75</td>
<td>Spic and Span</td>
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<tr>
<td>75</td>
<td>Toplite</td>
</tr>
<tr>
<td>76</td>
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<td>78</td>
<td>Ruth Ann</td>
</tr>
<tr>
<td>78</td>
<td>Variation</td>
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<td>80</td>
<td>Ethel C.-Cole</td>
</tr>
<tr>
<td>80</td>
<td>King Lear</td>
</tr>
<tr>
<td>80</td>
<td>Spotlight</td>
</tr>
<tr>
<td></td>
<td>Miss Vermont</td>
</tr>
</tbody>
</table>

Our fastest germinating bulblets. (Newer varieties only)

<table>
<thead>
<tr>
<th>Lady Boo</th>
<th>Lady Marian</th>
<th>Oriental Pearl</th>
<th>Silver Wings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patricia</td>
<td>Red Wing</td>
<td>Reliant</td>
<td>Sparks</td>
</tr>
<tr>
<td></td>
<td>Siboney</td>
<td></td>
<td>Spic and Span</td>
</tr>
</tbody>
</table>

Varieties that are very prolific bulblet producers.

<table>
<thead>
<tr>
<th>June Day</th>
<th>Lady Marian</th>
<th>Lady Way</th>
<th>Lemon Ice</th>
<th>Myrna Fay</th>
<th>Mid America</th>
<th>Myrtle</th>
<th>Oriental Pearl</th>
<th>Siboney</th>
<th>Reliant</th>
<th>Silver Wings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Some of our most vigorous growers.

<table>
<thead>
<tr>
<th>Astrid</th>
<th>Beauty's Blush</th>
<th>Birch Red</th>
<th>Blue Lagoon</th>
<th>Daisy Mae</th>
<th>Evangeline</th>
<th>Heart's Desire</th>
<th>Hiho</th>
<th>Mid America</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Miss Chicago</td>
<td>Orange Gold</td>
<td>Oriental Pearl</td>
<td>Patricia</td>
<td>Pioneer</td>
<td>Red Wing</td>
<td>Reliant</td>
<td>Siboney</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SUGGESTIONS FOR DIPPING, DUSTING AND SPRAYING

Lysol Dip

4 tablespoons of Lysol
3 gallons of water

or

1 pint of Lysol
25 gallons of water.

Soak bulbs in the Lysol solution for at least 3 hours and no longer than 6 hours; soak bulblets overnight or 12 to 14 hours. After bulbs or bulblets are removed from the solution, allow to drain for 30 minutes and plant same day as treated, preferably while still wet.

New Improved Ceresan Dip

1 ounce New Improved Ceresan
3 teaspoon measures Grasselli Spreader Sticker or 3 teaspoons Dreft
3 gallons water

To get a good preparation easily and quickly, mix the Ceresan and wetting agent together, add a little water at a time, and stir until a uniform mixture is obtained. DO NOT USE THE HANDS WHEN STIRRING. Soak bulbs in the solution for 15 minutes, stirring several times during treatment; soak bulblets for 30 minutes. After bulbs or bulblets are removed from the solution, allow them to drain for about 30 minutes and plant IMMEDIATELY. A delay in planting can cause injury to the bulbs. If the ground is dry at planting time I suggest the Lysol treatment instead of N.I.C. as dryness can cause a considerable delay in germination or growth besides possible injury to the bulbs.

Dusting for Thrips

The easiest and most efficient means of controlling Thrips is to dust the foliage of the plants with 5% D.D.T. Many types of dusters are available and one can be obtained to suit your size planting. Begin dusting when plants are in third leaf and continue about every two weeks. Best results will be obtained when the dust is applied to the plants while the dew is still on them.

Spraying for Thrips

1 rounded teaspoon of 50% D. D. T.
1/2 teaspoon of Dreft
1 gallon of water

for larger plantings—1/2 lb. of 50% D. D. T., 1/2 pint of liquid soap, 25 gallons of water. The wettable form of D.D.T. should be used when using a spray material.

CAUTION: Lysol, New Improved Ceresan, and D.D.T. are poisonous and care should be taken in handling and storing these materials. Extra precaution should be taken in seeing that D.D.T. dust is not inhaled.
CULTURAL HINTS

Packages of bulbs must be opened as soon as received and the bulbs stored in a cool, dry place until planting time.

PLANTING DATES. Any time from early Spring until the first of July. The blooming season can be prolonged until frost if planted at intervals of every three weeks.

WHERE TO PLANT. Glads should be planted in open, sunny places, away from buildings and trees. They are primarily cut flowers and should be planted in rows such as a vegetable garden.

SOIL. Glads will grow in any kind of soil but do best in a sandy loam. The soil must be well drained. It pays to spade deeply.

FERTILIZING. The amount to use will depend upon the fertility of your soil. Any good commercial fertilizer will give good results or you can ask your dealer for the fertilizer commonly used on potatoes in your locality. Some growers prefer to place the fertilizer in the bottom of the trench as the bulbs are planted. Care must be taken to see that the fertilizer is mixed with the soil and then about 2 inches of soil placed over the mixture. The bulbs should then be set in the row, leaving the 2 inches of soil between them and the fertilizer.

DISINFECTING. All bulbs and bulblets should be dipped in a disinfectant in order to kill thrips and to prevent possible disease infection on the bulbs. Nothing will cure bulbs affected with any of the rots. Bulbs showing rot should be discarded at once. (See formulas for Dips and Sprays.)

PLANTING. Plant from 3 to 6 inches deep. Small bulbs should be planted about 3 inches deep and larger sizes up to 6 inches deep. If you have a heavy clay soil 4 to 5 inches will be deep enough. The bulbs should be set not closer than 4 inches apart in the rows and the soil must be firm well after planting.

WATERING. Glads need plenty of moisture. To produce top bloom they should have 1½ to 2 inches of water per week. Whenever the natural rainfall fails to supply this quantity be sure to put it on in the form of irrigation. It is best to water just once a week, soaking the soil well, so that the roots are not pushing upward to the surface of the ground.

CUTTING BLOOMS. Glads are the most popular cut flower grown today. To enjoy them at their best the spikes should be cut when the first floret is in full bloom. They should be placed in water at once and taken indoors to develop slowly. You can enjoy a spike a long time as a good variety will open every bud to the tip, in water. If the water in the vase is changed daily and about an inch of the stem is cut off (slantwise) each day, many varieties will keep for as long as a week. When cutting the spike always leave 4 leaves on the plant to develop the bulb for next year.

DIGGING. Bulbs should not be dug until about 8 weeks after blooming. This is in order to mature the bulbs. A good sign is to watch the foliage and when it begins to turn brown, dig at once. After the tops are cut off, close to the bulb, dry the bulbs in the air in trays or boxes. It is best not to allow the sun to shine directly on them while drying. After 2 or 3 weeks of drying the old bulb and roots can then be removed. DO NOT remove the husks as this protects the bulb during storage.

STORAGE. After drying, the bulbs should be stored in screen bottom trays or boxes in the coolest place available. They must not be exposed to freezing temperatures. The ideal storage temperature is 38 to 45 degrees. Bulbs should not be placed too deeply in the boxes as they need air while in storage.

When you get ready to store your bulbs be sure to give them a light dusting of 5% D.D.T. This will eliminate any danger of thrips feeding on your bulbs during storage period. Glads are easy to grow and anyone, even a beginner, can grow the finest show flowers!
All stock grown from bulblets and planting stock. Bulbs are of choice quality; dug, cleaned, and graded by hand. Grown on ground never before used for bulb growing. All stock is state inspected and guaranteed to be free of disease and true to name. Bulbs are dusted with 5% DDT. All bulblets hand cleaned and washed.

**GLADIOLUS**

**LASCH BULB FARM**

New Albany, Indiana

Wholesale Prices

Post Office Box 26
Phone 4-1487

<table>
<thead>
<tr>
<th>Variety</th>
<th>Qt.</th>
<th>Bu.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANNA MAY</strong></td>
<td>1000</td>
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</tr>
<tr>
<td><strong>BLUE BEAUTY</strong></td>
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<td><strong>ELIZABETH THE QUEEN</strong></td>
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<tr>
<td><strong>WHITE GOLD</strong></td>
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Special quotations can be furnished on large quantity orders, both bulbs and bulblets. From List No. 1.

**REMARKS**

1. Orders accepted subject to stock.
2. Orders filled in numerical sequence as booked. (Date of receipt.)
3. Prices quoted are f.o.b. New Albany, Indiana.
4. Pints and quarts are of dry measure (approximately 15% more than liquid measure).
5. Pints of bulblets sold at 1/3 quart rate.
6. 2% discount for cash with order or 25% down payment and balance c.o.d.

All stock is guaranteed to be free of disease and true to name. We will cheerfully refund the purchase price on any order that was unsatisfactory on receipt, and promptly returned; but no guarantee of growth is implied in the sale nor will we be responsible for the crop. All orders are placed with these conditions accepted by the purchaser.

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Mrs. Lasch admires a dozen spikes of Spic & Span, bunched for delivery to the wholesale flower house.
HUNTRESS