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DAHLIAS OF QUALITY AND DISTINCTION

DAHLIADEL
NURSERIES

WARREN W. MAYTROT.

VINELAND,
N. J.

1927

GREETINGS—1927

We hope our new catalog will be received as favorably as last season's with the change in arrangement. You will find cultural instructions throughout the catalog and a full explanation of just what "Potash-Fed Dahlias" are, and how you can grow your own. The varieties accompanying each illustration are of the same type flower, and very similar in form. When reading a description you have a mind's picture of the variety by glancing at the accompanying illustration. We have had many favorable comments and would appreciate any suggestions.

DAHLIAS of QUALITY and DISTINCTION mean for you, QUALITY tubers with all the health and vitality a well grown tuber should have, regardless of cost of production, and DISTINCTION by growing only the worthwhile varieties of the bright and pleasing shades and colors. Our 35 acres of healthy stock and 14,000 square feet of floor space completely equipped for growing, storing, and shipping dahlias, await your needs.

Orders will be filled with strong field-grown root divisions. We will notify you if unable to supply any variety. We do not substitute.

Your early order is invited to assure you of the widest selection of varieties.

OUR GUARANTEE

All dahlia roots and plants, if properly cared for, are guaranteed true to name and free from disease, Mosaic or stunts to the extent of replacement with true stock. Tubers that fail to start in three weeks we will gladly replace upon their return. Satisfaction guaranteed.

TERMS AND DELIVERY

CASH WITH ORDER. Stamps accepted up to \$2.00, above that amount check, money order, or cash by registered mail. Tubers will be sent May 1st to May 15th by parcel post prepaid, unless shipment is C. O. D., in which case customer pays the C. O. D. charges. Shipments to sections where plantings are at a different time will be made accordingly.

WARNING. When sending cash by mail, be sure and have it registered.

NOTICE ON GREEN PLANT SHIPMENTS. Plants will be shipped from May 16th to June 15th, but cannot be sent C. O. D. as this causes delay. When tubers and plants are ordered together, tubers will be held and shipped with the plants. If you are more than 200 to 300 miles from Vineland, we recommend plants should travel Parcel Post, "Special Handling." For this please add \$.25 to your remittance. We pay all regular postage.

We guarantee plants as well as tubers to arrive in good condition, but cannot guarantee plants if shipped over 300 miles unless sent "Special Handling."

FREE

YOU MAY SELECT YOUR OWN COMPLIMENTARY TUBERS from the following list on orders for DAHLIA TUBERS from this catalog, except on collections and where noted. On each dollar you are allowed 25c toward any variety in this list. For example, on an order of \$6.00 worth of tubers you may select \$1.50 worth from the following list free, or a \$2.00 variety by paying 50c additional.

Amun Ra	\$1.00	Mariposa	\$2.00	Oregon Beauty	.25
Bashful Giant	1.00	Marjorie Fields	.50	Robert Treat	2.50
Carolyn Wintjen	.50	Mrs. Carl Salbach....	.50	Rosa Nell	1.00
Crystal	.50	Mrs. Edna Spencer...	.75	Sulphurea	.50
Dorothy Robbins	.50	Mrs. I. de Ver Warner	1.00	Venus	1.00
Insulinde	1.00	Mrs. John T. Scheepers	1.50	Vineland	1.50
Laddie	.75	Myra Valentine	2.00	Washington City	.75

New Varieties

NOT CLASSIFIED ACCORDING TO TYPE

We have observed the following varieties the past season, growing some of them, and watching the others in various locations. However, we have not seen enough of these dahlias to accurately classify them to form as we have in the rest of our catalog. To do this, one must live among them during at least one season. We can heartily recommend all of the following varieties:

Starred Varieties are 1927 Introduction

ADDA PATTERSON (Kemp) Hybrid Cactus—Although we have not tried this variety in the cut flower market, we believe it to be the best pure white Hybrid Cactus grown. Flowers are large, 8 to 9 inches across, of a splendid even form, on long erect stems. A wonderful exhibition variety on account of its keeping qualities, along with its size, stem and form. Bushes 6 to 7 feet tall. **Tubers, \$7.50; Plants, \$3.75**

ALICE WHITTIER (Reed) Hybrid Cactus—One of the finest primrose yellow Hybrid Cactus 5 to 6 inches deep and fully 9 inches across, on long erect stems. Plants, 6 to 7 feet tall. Awarded Certificate of Merit by the A. D. S. and the D. S. of N. J. **Tubers, \$7.50; Plants, \$3.50**

ALTAMONT (Kemp) Decorative—Large, full flowers, average 8 inches across, with long slightly curved petals giving the blooms an artistic form. Plants of a tall growing habit, with long slender but rigid stems. Flowers are good keepers and enough different from anything else to appeal to you. Color, rose pink, deepening to American Beauty rose at the center of the flower. **Tubers, \$7.50; Plants, \$3.75**

***BONAFIN** (Kemp) Decorative—Named on account of its similarity in form and color to the Yellow Bonafin Chrysanthemum. Flowers, medium to large of clear picric yellow, globular in form, on strong erect stems. Bush medium height. **Tubers, \$7.50; Plants, \$3.75**

EAGLE ROCK BEAUTY (Broomall) Decorative—This fine dahlia was introduced at \$50 in 1926. When an originator thinks that much of a dahlia it must be good. It certainly is a pretty combination of pastel pink with ivory or cream shadings. Petals are long reflexing toward the stem. Giant yet artistic flowers are held upright. **Plants, Net, \$15.00**

EAGLE ROCK SUNSHINE (Broomall) Cactus—This looks like the best yellow Cactus to date. Bush is of a fine growing habit, producing large, beautifully formed primrose yellow flowers on long, slender erect stems. A real exhibition dahlia with wonderful keeping qualities. Form similar to illustration of Ambassador. **Plants, \$5.00**

***EDNA FERBER** (F. & M.) Hybrid Cactus—The extreme size and beauty of this flower attracts attention wherever shown. The petals are curled and twisted, forming an extremely full flower held erect on fine stems. Color, glistening coral, shading to old gold at base of petals. Growth medium to tall with dark green foliage. Awarded D. S. of N. J. Certificate of Merit, 1925. Form similar to illustration of Sunkiss. **Plants, Net, \$5.00**

***ELKRIDGE** (Griffiths) Hybrid Cactus—A beautiful pure white dahlia of a very good form. Petals are gracefully curved and of good substance. Is a fine tuber maker and good for commercial use. A prize winner. **Tubers, \$15.00; Plants, \$5.00**

***ELKRIDGE BEAUTY** (Griffiths) Decorative—A waxy petalled dahlia of a beautiful combination of tan and cream with just enough rose tints to give the dahlia distinction and warmth. Plants grow 4 to 6 feet. Blooms are held on strong erect stems. A good keeper, making it excellent for commercial use. **Plants, \$5.00**

EVA WILLIAMS (F. & M.) Decorative—This dahlia can be used to advantage on the exhibition table. Color, amethyst with light silver shadings. Stems, rigid and upright. Flowers well formed with full centers. **Tubers, \$2.50; Plants, \$1.25**

GOLDEN FLEECE (Seal) Decorative—Beautiful golden yellow with a satiny effect. Petals are often tipped white, which gives the dahlia a silvery appearance. **Plants, \$5.00**

GLORY OF MONMOUTH (Kemp) Decorative—A really beautiful novelty of salmon pink, with light orange at the base of the petals. Although the bush is semi-dwarf the flowers are 6 to 8 inches across and 4 inches deep, produced on long, sturdy stems. Profuse bloomer, flowers of a heavy texture open slowly. Good keeping qualities and artistic coloring make it a wonderful garden and exhibition dahlia.

Tubers, \$7.50; Plants, \$3.75

***HARRY MAYER** (Reed) Decorative—A choice pale roseline purple dahlia. The large blooms are held high above the foliage on good stiff stems. A very attractive and pleasing variety. **Plants, Net, \$7.50**

HELEN LINSLEY (Boston) Hybrid Cactus—An exceptionally good golden yellow, best described as "Golden Mariposa." Large flowers in great abundance, on long stout, leafless stems, held well above the bush. Color, size and centers, do not vary during season. **Plants, \$4.00**

IAN (Boston) Cactus—A giant of the incurved English type with heavier petals. Unusual coloring and exceptionally good form. Very clear yellow flower, gradually shading to pink on the outer petals. The reverse of these petals reveals a golden suffusion. Flowers occasionally show a white tipping. Blooms freely on good stems, making it very desirable for cutting and exhibiting. **Plants, \$4.00**

***JACK O'LANTERN** (Reed) Decorative—A bright spot in the garden. Petals are wide open, a brilliant orange-red shading to a dark Spanish red near the center. The petals that form the center are tipped with gold making the general effect very bold and brilliant. **Plants, Net, \$5.00**

***JERSEY'S ELEGANS** (Waite) Decorative—Medium sized graceful flowers of pink somewhat similar to Jersey's Beauty color, produced very freely on good stems. The foliage is finely cut, and rough in texture, and is not much affected by the leaf-hopper. Certificate of Merit, N. J., 1926. **Tubers, \$10.00; Plants, \$5.00**

JERSEY'S EMPRESS (Waite) Decorative—A large anthracene violet dahlia of pleasing formation, having narrow and wavy petals. Good depth and substance. Color is almost sunproof. Stem fair. **Tubers, \$10.00; Plants, \$5.00**

JERSEY'S IDEAL (Waite) Decorative—The blooms are usually borne face up on excellent stems and the long petals droop artistically downward, forming a very deep and immense bloom. It is best described as lavender pink but sometimes it is nearer lavender. A distinctive and spectacular flower. **Tubers, \$10.00; Plants, \$5.00**

***JERSEY'S FIANCEE** (Waite) Decorative—Flowers can be grown to a good size, stems good but foliage is inclined to be pale and should be kept sprayed to offset the ravages of insects. Rose pink with the point of each floret slightly tipped gold. Cert. 1925. **Tubers, \$10.00; Plants, \$5.00**

***JERSEY'S SUNSHINE** (Waite) Decorative—Large, well formed flowers held on good erect stems. Profuse bloomer, light greenish yellow, sometimes streaked with amaranth pink. Cert. 1925. **Tubers, \$10.00; Plants, \$5.00**

***JERSEY'S SWEETHEART** (Waite) Decorative—A dainty attractive variety for cutting. Delice pink shading to white in the center. Flowers produced in great quantities with a slender, stiff stem. Cert. 1926. **Tubers, \$5.00; Plants, \$2.50**

***JERSEY'S WONDER** (Waite) Decorative—The first flowers are Decorative in type, very large and borne on good stems. Later, flowers are inclined to be Peony and slightly pendulous stems. Color is apricot yellow with pink suffusion on the reverse. Vigorous grower and profuse bloomer. Cert. 1925. **Tubers, \$10.00; Plants, \$5.00**

JIM GEORGE (Murphy) Decorative—One of those different rich velvety dark red dahlias with enough twist in the petals to make it artistic. Blooms freely on good stems well above the foliage. **Tubers, \$5.00; Plants, \$2.50**

MARMION (Tyler) Decorative—A giant dahlia of lovely coloring. Pure golden yellow with a bronze center and reverse of petals reveals a bronze suffusion. The blooms are held on good stems well above the foliage of the sturdy plant. Good exhibition variety. **Plants, Net, \$5.00**

- MISS CALIFORNIA** (Pelicano) Decorative—Won the Santa Barbara Trophy in 1926. Blooms are 6 to 9 inches across held well above the foliage on strong erect stems. Color described as an oriental fuchsia. A fine early bloomer good for commercial or exhibition uses. Similar to Mrs. Carl Salbach in form. **Plants, \$2.50**
- *MONMOUTH JEWEL** (Kemp) Decorative—A seedling of Amun Ra. Color bitter sweet orange, shading lemon chrome at base of petals. Large, well formed flowers held well above the foliage on strong stiff stems. Plants are strong and healthy growers resistant to leaf-hoppers. **Tubers, \$10.00; Plants, \$5.00**
- MRS. F. A. C. PERRINE** (F. & M.) Decorative—Another exhibition dahlia of the stag horn type. Petals curiously curled and twisted, terminating in sharp points. Flowers 8 to 10 inches across on long stiff stems. Color, a lovely shade of lilac. **Tubers, \$5.00; Plants, \$2.50**
- MRS. FRANCES E. BULLARD** (Broomall) Peony—Classed as a Peony by the originator but flowered mostly as a decorative in the East last season. The petals are long and pointed forming a very distinct flower of a clear silver, or pastel pink. **Plants, \$3.75**
- OLIVE REED** (Seal) Decorative—There are quite a few good yellows of recent introduction but this is a good bright yellow with deep petals. Large full flowers on good stems. One of the best. **Plants, \$3.75**
- *OYSTER BAY BEAUTY** (Chemar) Decorative—Dark velvety red always seems to be in demand to contrast with the lighter colors. In this new dahlia we have a fine large artistically formed, full centered flower on long erect stem. Scored 84 at A. D. S. Trials. **Tubers, \$5.00; Plants, \$3.00**
- *PRIDE OF MONMOUTH** (Kemp) Hybrid Cactus—This fine dahlia might best be described as an improved Ambassador. Color, a rich golden buff yellow, maize reverse. Stems erect, holding flowers well out of the foliage. A prolific and early bloomer. One of the best. **Tubers, \$10.00; Plants, \$5.00**
- SALBACH'S WHITE** (Salbach) Decorative—We have been looking for good whites and this should be one of them. Full deep flowers of good substance, on excellent stems. **Plants, \$5.00**
- *SANHICAN'S PRINCESS** (F. & M.) Decorative—This fine dahlia is for those of artistic temperament, beauty rather than size. specially suited for cutting and indoor decorating. Color, true shrimp pink. An early and profuse bloomer on stiff stems. Medium tall grower. Awarded Cert. of Merit D. S. of N. J., 1925. **Tubers, \$5.00; Plants, \$2.50**
- SUN MAID** (Edymel) Hybrid Cactus—A glorious orange red and gold dahlia of unusual size and perfect form, giving you an abundance of deep blooms on long stiff stems, during the entire season. A prize winner in the West. **Plants, \$3.75**
- THE BANDIT** (Reed) Decorative—A wonderful scarlet red dahlia, the reverse of the petals a light carmine, of good size, on small wiry stiff stems. The petals are curled and twisted making it refined and artistic. An abundant bloomer with good qualities as a cut flower. **Tubers, \$7.50; Plants, \$3.50**
- UNCLE TOM** (Reed-Adams) Decorative—The deepest garnet dahlia that we have ever seen, nearly black. Rich and artistic with petals like the very finest velvet. Flowers are very large, held erect on long stiff stems. A good keeper and a color needed to finish the dahlia garden. **Tubers, \$7.50; Plants, \$3.50**
- WHITE COURT** (Murphy) Hybrid Cactus—We have a good exhibition white in this dahlia. Flowers are large with long white wavy petals. Bush growth robust. **Plants, \$3.75**
- WHITE GLORY** (Alling) Decorative—This fine large white is an early and continuous bloomer. Flowers, well formed, full centered, on long erect stems. Certificate of Merit A. D. S. **Plants, \$1.50**
- ZANTE** (Boston) Hybrid Cactus—Color gold, heavily suffused with apricot pink, having a center of a deeper shade. Blooms are very deep and large with rolled petals tapering to a point, held erect on stiff stems. Zante produces fine full exhibition flowers throughout the season. **Plants, \$2.50**

DECORATIVE
DAHLIAS

JANE HALL

ALBION (Boston)—This fine full centered white decorative is composed of narrow and curled petals. It is an incessant bloomer on tall bushes with crinkled foliage of a beautiful dark green.

Tubers, \$2.00; Plants, \$1.00

CALIFORNIA SUPERBA (Wintjen-Boston)—Color, light pink shading to white at the center. Fine stems hold the flower upright. A very satisfactory dahlia.

Tubers, \$2.00; Plants, \$1.00

DAKOTA (Marean)—A good exhibition variety. Color a deep tone of rich coral-red with coppery suffusion. This strong growing variety is very satisfactory.

.75

DELICE (Charmet)—Old but still good. A bright, yet soft, luminous pink. Flowers held facing well above the foliage.

.35

EMBASSADOR (Boston)—Large blooms on stiff stems. Color, deepest shade of red or maroon. Tall grower and a good bloomer.

.50

GIANT RUBY (Greinberg)—Bright scarlet is always showy, and makes this dahlia attractive. A tall grower, flowers medium large on erect stems.

Tubers, \$1.50; Plants, \$1.00

JANE HALL (Peacock)—A full high centered decorative with petals reflexing to stem. Blooms well above the foliage on stout stems. Color, buff yellow with bronzy suffusion.

\$1.00

MR. ALEX. WALDIE (Broomall)—Color, cream overlaid salmon pink. Similar to Bonnie Brae but better form, stem, and bush growth. A real exhibition variety.

\$1.00

MR. C. H. DRESSELHUYS (Sluis and Groot)—Popular with the commercial grower because of its productiveness and keeping qualities. Medium sized blooms on long stems. Easily replaces Delice for color and is as free a bloomer as Delice is shy. Soft rose pink, shading lighter.

.50

PATRICK O'MARA (Vincent)—Soft orange buff slightly tinged with rose. Good for cutting. Flowers 5 to 6 inches across. The broad flat petals twist and curl making an artistic flower.

.75

DECORATIVE DAHLIAS—Continued

PINK FLAMINGO (Flamingo)—One of our best keepers as a cut flower. An occasional open center flower does not taboo the variety as a good profitable commercial flower. Color, violet rose overlaid soft Tyrian rose. .35

SUNNY JERSEY (Dahliadel, 1925)—This dahlia, although somewhat similar in color to Eastern Star, is distinctly different in form and habit. It is an exceptionally free bloomer with flowers a foot or more above the foliage on erect stems. Color, lemon yellow, with golden suffusion. Scored 85 Exhibition and 90 Commercial at the D. S. of N. J. Trial Grounds. Tubers, \$2.50; Plants, \$1.25

TRENTONIAN (Fisher and Masson, 1925)—A giant decorative dahlia of a shade that appeals. The color is that of an "Indian Skin," a wonderful blending of old gold, amber and coppery bronze, the whole forming a flower of marvelous brilliancy, with a center zone of reddish bronze. Its broad, leathery petals are well placed making a flower of great lasting qualities with the appearance of velvet. This flower is highly recommended either for garden or exhibition for its size, stem and grand color. Certificate of merit, Dahlia Society of N. J. Tubers, \$3.50; Plants, \$2.00

POTASH-FED DAHLIAS

After making this statement last year we found that some were not sufficiently informed on the fundamentals of plant growth to realize the meaning of the statement, and probably came to the conclusion that dahlias grown where potash is present, or has been applied, are "Potash-Fed. But this is far from true, as the mere presence of potash in the soil does not do the trick.

The application of potash in combination with the other elements necessary for plant growth, (See Fertilizer, Page 9) accompanied with the following conditions will produce Potash-Fed Dahlias.

First: Cultivation to aereate and sweeten the soil to keep the plant in a steady, healthy, growing condition. See Cultivating, Page 13.

Second: Watering when necessary to make and keep the plant food available at all times. See Irrigation, Page 13.

Third: Most important of all is the health of the stock from which your plants or tubers were grown. This condition has its direct effect on the results obtained, for an unhealthy plant, whether stunted or diseased, cannot take up potash or any other element of plant food in sufficient quantities while in this debilitated condition. Hence, unhealthy or diseased plants cannot be "Potash-Fed" even if grown in the midst of plenty.

If we were to say, "Corn-Fed Pork", at once we would see the pig eating corn, but when we say "Potash-Fed Dahlias," it is hard to visualize a dahlia feeding on potash as it is something we cannot see. It is necessary to have the right food available when it is needed and the animal or plant must be in a healthy state to make proper use of the food and give the results you are looking for.

In our 19 years with dahlias, we have dug and destroyed all unhealthy stock as soon as detected and the results are most gratifying. This is properly called roguing. To my knowledge, no one knows the exact cause of stunt or runt. However, we do know that roguing is the only practical way of eradication and believe the cause of stunt may be attributed to one or more of the following conditions:

First: From lowered vitality as a result of poor culture, lack of cultivation, etc.

Second: The ravages of attacking insects. See Page 21.

Third: The presence of a virus disease that causes a rotting of the feed roots. See Stunt, Page 15.

CUT FLOWERS

Dahlias should be cut in the evening or early morning, removing the lower leaves and all of the buds if not disbudded. Immediately put in water in a cool, dark place to freshen.

Hot Water Treatment—Cut and freshen as above, then put stems in 1 to 2 inches of water almost boiling for 1 to 2 minutes, then place in deep cold water to cool. Flowers are then ready to ship by packing in a strong corrugated box lined with tissue paper. Fasten stems down by nailing a wooden strip in the center of the box or by tying down through the bottom.

Flowers when wilted can be freshened by cutting end of stem and placing in hot water as above. Repeat until flower is freshened.

The Hot Water Treatment will do wonders in making your exhibition blooms keep fresh after staging, but in all cases do not cut off the discolored end of stem unless you are again going to treat it.

The physical action of a cut flower is to take water up into the stem which evaporates through the flower and foliage. The slower this action of evaporation or transpiration takes place the longer the life of the flower.

DECORATIVE DAHLIA

CASPER G. WARE
(Dahliadel-Bowen)

Certificate of Merit D. S. of N. J. Trial Grounds 1926 Scoring 85E 86C.

We are proud of this wonderful decorative which has been a tremendous success wherever grown. It is one of the finest cut flowers in the commercial market as it is one of the few large dahlias that can be shipped in perfect condition. There are few dahlias that have such outstanding commercial and exhibition qualities. It will give you a mass of blooms in your garden, cut flowers for interior decoration and large exhibition blooms for Dahlia Shows, with full centers right up to frost. The color is a pleasing shade of bright silvery violet rose. Late in the season it becomes a clear pink. Bush 4 ft. of stocky growth and requires pruning and disbudding for exhibition blooms.

Tubers, \$5.00; Plants, \$2.50

DECORATIVE DAHLIAS—Continued

- AMUN RA** (Seal)—Described as resembling a setting sun. Flowers 10 inches. Outer petals are a gorgeous shade of copper and orange shading to gold and amber and deepening in the center to a reddish bronze. **\$1.00**
- AUTUMN QUEEN** (Fisher and Masson)—We have in this variety real commercial qualities, substance, size, stem, and floriferousness. The petals curl just enough to make the flower artistic. Color deep peach to amber. **Tubers, \$2.00; Plants, \$1.00.**
- AZALEA** (Boston)—Large decorative with rather flat and pointed petals. Color, soft yellow, outer petals shaded pink. **.75**
- BONNIE BRAE** (Broomall)—An immense exhibition dahlia. Color, one of the most pleasing shades of cream, shading to blush pink. Stems are a little pendant at times, due to the immense flower. Truly a wonder in delicate shading. **.75**
- BREEZE LAWN** (Dreer)—Fiery vermilion; perfect form. Flowers often over eight inches across. Compact grower, early and free bloomer. **.50**
- CHAMPAGNE** (Boston)—Not only is this dahlia wonderful for its size and rigid stem, but its distinct coloring, unique form and freedom of flowering make it very popular. Color, golden champagne with chamois shadings. **\$2.00.**
- ELITE GLORY** (Kennedy)—The sensational rich red decorative which is considered a "break" in dahlia novelties. Unquestionably large and of good substance. **Tubers, \$10.00; Plants, \$5.00.**
- ELLINOR VANDERVEER** (Seal)—A highly recommended decorative of great size and wonderful beauty. Glowing satiny, rose-pink with darker shadings, of great depth and substance. Excellent stems and bush growth. **Tubers, \$5.00; Plants, \$2.50.**
- FAITH GARIBALDI** (Boston)—Large flowers of great depth, deep rose color shading lighter on outer petals. An excellent decorative for exhibition. A strong free grower with good stems. **Tubers, \$5.00; Plants, \$2.50**
- FORDHOOK PROFUSION** (Burpee, 1926)—This variety is of a dwarf growth producing medium large flowers on heavy stems. Disbudding is necessary to produce long stems for cutting. Color, lively bronze orange. **Tubers, \$3.00; Plants, \$1.50**
- HORTULANUS FIET** (Hornsveld)—The general color effect is lilac rose, while the petals shade from golden yellow at base to pale lilac at tips, with deep lilac rose suffusion. **.75**
- KITTIE DUNLAP** (Boston)—A dahlia very similar to Mrs. I. De Ver Warner in color and size, but differing in form. A good keeper on fine stems. Color, an American Beauty shade. **\$1.00**
- LADDIE** (Broomall)—An excellent dahlia for exhibition or cutting. Large, well-formed flowers of wonderful substance on rigid, erect stems. Color, soft sulphur yellow at center, shaded and suffused rose and tan. A dahlia of real merit. **.75**
- LOTUS** (Boston)—Rather distinct in formation. Flowers large with petals broad and flat cupping toward the center, like a water lily. Color, bright lively orange. **.75**
- LYDIA POOLE**—Large lavender pink, with excellent stems. A very strong grower, desirable for exhibition. **Tubers, \$3.50; Plants, \$1.75**
- MARCELLA** (Gill)—A delightful clear, soft pink of perfect form, held erect on individual stems. Exceptionally free bloomer of medium size. Fine for cutting. **.35**
- MARGARET MASSON** (F. & M.)—Wonderful exhibition variety of a beautiful silvery pink of great depth and size, excellent keeping variety, and flowers are produced abundantly on stiff stems. Certificate 1924. **Tubers, \$4.00; Plants, \$2.00**
- MR. CROWLEY** (Broomall)—A beautiful exhibition dahlia. Although a compact grower, good stems can be produced by disbudding. Fine for garden effect when grown natural. Color, glowing salmon pink, base of petals yellow. **\$1.00**
- MRS. I. DE VER WARNER** (Marean)—No first class collection of dahlias should be without this wonderful variety which is a universal favorite. Color, a clear, bright lilac rose. The plant is a strong, open grower and the giant flowers can be produced on stems up to five feet in length by pruning and disbudding. **\$1.00**
- PORTHOS** (Wouters)—A beautiful formed lavender blue decorative. The nearest to a blue dahlia and still a pleasant shade. Flowers well formed, medium large, and on wiry erect stems. **.75**
- ROSA NELL** (Broomall)—This extremely large exhibition dahlia is held on long erect stems and is one of the best. Color, commonly described as a bright rose, but really a bright Tyrian rose. Can be grown over 10 inches in diameter. Petals long and notched. **\$1.00**
- SNOWDRIFT** (Broomall)—Giant, pure-white deep flower with broad waxy petals. Has a good stem by pruning and disbudding. Fine for exhibition and garden. **.75**

DECORATIVE DAHLIAS

JERSEY'S BEACON

JERSEY'S BEACON (Waite)—The most spectacular of the Jersey Family. Color bright scarlet, with a buff reflex giving a two toned effect. A free early bloomer of extremely massive proportions with sturdy stems. **Tubers, \$5.00; Plants, \$2.50.**

SOIL PREPARATION. *The dahlia will grow and produce excellent results on a wider range of soils than any other flowering plant. It is not a matter of soil type, but one of soil preparation. The primary factor to consider in growing dahlias is that of drainage, which in sandy soils is well taken care of, but in heavy soils dig in and thoroughly mix a quantity of coarse coal ashes or peat moss to open up the soil.*

As soon as the soil can be worked in the spring it may be further improved by a cover crop of oats and Canada field peas. Or, better still, sow rye in September or October. This green crop will do no harm during the late blooming season, will winter over, and should be turned under about two weeks before planting. This will add organic matter, supplying humus, and further adjusting soil conditions. If soil is poor, the oats or rye may be top dressed with stable or hen manure, the sooner after planting the better.

DECORATIVE DAHLIAS—Continued

BASHFUL GIANT (Marean)—Well named for it is a flower of unusual size and although held on a strong stem faces partially downward. Color apricot with golden suffusion and shadings. **\$1.00.**

EASTERN STAR (Dahliadel 1925)—The color reproduction on the back cover of this catalog gives you a good idea of the coloring of this wonderful dahlia but of course cannot portray the lively tone or real size and depth as nature produces this great prize winner.

This dahlia scored 87 Exhibition and 88 Commercial at the N. J. Trial Grounds and helped us win gold medals for commercial displays the past two years at the New York Show, also won in the Open to All Class for Vase of 12 blooms Best Yellow Decorative.

Color a soft saffron yellow with old gold shadings. Flowers of great substance and good keeping qualities, with full centers held on strong erect stems. Excellent bush growth and free flowering. Grows ten inches without forcing.

Tubers, \$5.00; Plants, \$2.50

EL DORADO (Boston)—An all purpose dahlia. Pure gold, deepening at the center. Immense flowers held well above the foliage on good stems. A profuse and early bloomer.

Tubers, \$2.50; Plants, \$1.25.

ELIZA CLARKE BULL (Boston)—The best pure white decorative from the West. A free bloomer of perfect form, and good substance that does not burn in extreme heat. Bush of medium height. A desirable variety for every garden.

Plants, \$2.50

MARTHA WASHINGTON (Chester- Dahliadel)—A popular large full centered decorative dahlia. Very similar in form to Eastern Star. Color rich velvety maroon with a lighter reflex and tipped Tyrian rose. A very striking combination. Excellent stems and bush growth.

Tubers, \$2.00; Plants, \$1.00.

ROBERT TREAT (Muehler)—This dahlia, similar in color to the American Beauty Rose, is different from any other dahlia in shade or color. Plants are strong, healthy growers of spreading habit. Flowers from 9 to 10 inches and 4 inches deep, produced on long, erect stems. Has a wonderful prize record and certainly an outstanding novelty.

Tubers, \$2.50; Plants, \$1.25

SEAL OF CONNECTICUT (Alling)—A fine large decorative of clear bright golden yellow. Good stems and an early continuous bloomer, holding full centers throughout the season. A. D. S. Certificate of Merit 1925, score 89. Bushes are rather low growing but always covered with blooms.

Plants only, \$5.00

The following directions are based upon years of practical experience and may be of value in solving some of your cultural problems. These suggestions should be changed to suit the local requirements. However, we sincerely believe that the fundamental principals involved will apply throughout the country.

FERTILIZERS

Of the ten elements considered absolutely necessary to plant growth, we find nitrogen, phosphorus and potassium the prime essentials and the ones most lacking.

Nitrogen stimulates the growth above ground, producing large bushes and flowers, but if used to excess the flowers will be soft, wilting readily, and the bushes will be overgrown, and lower the vitality of the tubers.

Phosphoric acid increases the root development, especially the lateral and fibrous roots, strengthens the plant growth and gives substance to the bush and flowers. It also aids in ripening the tubers. This element is found in bone meal, with a small amount available in manures.

Potash is the balancing agent for nitrogen and phosphoric acid. It gives color to the flowers and foliage, and vigor and tone to the plant in general. It is an essential in starch formation and aids in the maturing of well-nourished tubers.

FERTILIZER to be applied before planting. Scatter broadcast after spading and mix thoroughly into the top soil to every 100 square feet of ground or to each 10 dahlia hills.

5 lb. Raw Bone Meal

10 lbs. Unbleached Wood Ashes or

1 lb. Muriate or Sulphate of

Potash, not both.

Bone meal may be doubled if soil is very poor.

FERTILIZER or TOP DRESSING to be applied about August 15.

Scatter broadcast over ground not closer than 6 inches nor more than 18 inches from the stalk and rake in, to every 10 hills.

1½ lb. Raw Bone Flour

1½ lb. Animal Tankage or

4 lb. Sheep Manure, not both

5 lb. Unleached Wood Ashes or

½ lb. Muriate or Sulphate of

Potash, not both.

DECORATIVE DAHLIAS

JERSEY'S BEAUTY
(Decorative)

HALVELLA (McWhirter)—A massive dahlia on long stiff stem, with good cutting and exhibiting qualities. Flowers are a beautiful shade of rose pink, similar to Jersey's Beauty. Profuse bloomer.

Tubers, \$1.50; Plants, \$1.00

JERSEY'S BEAUTY (Waite)—The best of this family for baskets and vases, also an ideal pink for florist use. Flowers of perfect form on long stems. A free, early bloomer with exceptional keeping qualities.

Tubers, \$2.00; Plants, \$1.00

JERSEY'S GEM (Waite)—Large, well-formed flowers of lavender pink on long erect stems. A. D. S. Cert. of Merit and the President's Medal of the D. S. of N. J.

Tubers, \$2.50; Plants, \$1.25

JOHN LEWIS CHILDS (Boston)—One of the good fancy dahlias. Color, yellow penciled and suffused bright scarlet, frequently tipped white. Flowers large, borne profusely on good erect stems.

\$1.00

MILLIONAIRE (Stillman)—Clear violet mauve, shading to white at center, very deep and massive. Bush 3 feet. **\$1.00**

MRS. CARL SALBACH (Salbach)—Although not as deep as Jersey's beauty, this dahlia is very similar in petal formation, stem, and keeping qualities, all of which are ideal. Color, lilac rose shading to white at base of petals, giving it a general tone of soft rose. **.50**

PRES. WILSON (Jones)—The most striking variegated dahlia we grow. Crimson carmine tipped white, a few flowers all red. Bush dwarf, flowers numerous on good stems. Its one fault a poor root maker. **Tubers, \$2.50; Plants, \$1.50**

PRIDE OF SAN FRANCISCO (McWhirter)—Another bedding variety when grown naturally, but nice stems can be produced by disbudding. A beautiful combination of salmon pink, suffused soft rose, shading to gold at base of petals. **\$1.00**

SAGAMORE (Kirby)—This new dahlia is a wonderful commercial and exhibition variety. Color, amber gold, elusively shaded with a warm salmon rose and orange buff. An open, strong grower with erect stems, good keeping qualities and of uniform large size. **Tubers, \$3.50; Plants, \$1.75**

SANHICAN'S ROSE (Fisher & Masson)—An artistic decorative dahlia of beauty rather than size. Color, deep rose-pink with rounded, curled petals. Free bloomer on good stems. Valuable for cutting. **Tubers, \$2.00; Plants, \$1.00**

SENATOR BAIRD (Peacock)—One of the strongest and best growing rich deep red dahlias. Flowers large with full centers on strong stems. **Tubers, \$1.50; Plants, \$1.00**

SHUDOW'S LAVENDER (Boston)—Silvery lavender with white shadings, of beautiful formation. Plants are tall and robust, producing immense flowers on long stems. A general favorite. **Tubers, \$2.00; Plants, \$1.00**

BETTY (Decorative)

Decorativa Dahlias

BETTY (Dahliadel)—Large flowers of good substance, excellent stem and bush growth. Color, canary yellow, faintly suffused salmon. As the flowers develop the outer petals open back forming a flower of great depth with a full high center. **\$1.50**

CAROLYN WINTJEN (Wintjen)—Beautiful salmon pink, shaded rose. A fine garden variety of good size on excellent stems. **.50**

DR. TEVIS (Tevis)—A very attractive and popular dahlia. Color, bronzy old gold, shaded and suffused violet rose. Fine for exhibition, and a dahlia of real merit. **.50**

HALLOWEEN (Broomall)—This strong growing variety produces an abundance of large blooms on rigid stems. Color buff yellow shaded orange similar to King of the Autumn but much larger. **\$1.00**

MONS LE NORMAND (Charmet)—A large fancy dahlia. Flowers of bright sunflower yellow striped and speckled crimson red with notched petals. Bush of good growth. **\$1.00**

PRIDE OF CALIFORNIA (Lohrman)—A large crimson red, with full dark center on good stems. Fine for garden and exhibition; petals notched. **.50**

VENUS (Marean)—This popular large flower, with slightly wavy petals of white shaded violet rose, is dainty in color effect. Stem, bush and habit of growth make it very desirable. Early and profuse. **\$1.00**

DIVIDING CLUMPS. It requires a little judgment to divide dahlia roots properly, as some varieties are more compact than others. The eyes will be found around the stem or crown, and never on the tuber itself, like a potato. Hence a tuber without a piece of the crown is worthless. A division consisting of a good tuber with one good eye is all that is necessary, more are of no advantage. Large clumps should never be planted whole.

WHEN TO PLANT. One of the common errors in the culture of dahlias is planting too early. In the latitude of Philadelphia they should be planted between May 15 and June 15. Farther north, where the hot spells in July and August are less harmful and early frosts are prevalent, plant as soon as danger of frost is over.

HOW TO PLANT. Tubers should be planted in trenches or holes six inches deep, laid flat down (not on end) and covered with earth not over two inches in depth, filling in as the plant develops. Do not plant the roots in or over any quantity of compost or hot manure. The rows should be from four to five feet apart and the plants in the row from two to three feet apart, or from six to ten square feet should be allowed for each plant. A novel way to plant is to place your stakes 4 x 5 feet apart, and plant a tuber or plant on each side of the stake giving you room to walk between and care for your plants, and also get as many in a given area as if planted twice as close. Different varieties will not mix by growing them together, Also should one plant fail there will be no blank places.

DECORATIVE DAHLIAS

FRECKLES (Decorative)

- BEATRICE SLOCOMBE** (Slocombe)—Large, brilliant crimson red with golden suffusion and tips. A good grower and bloomer. **\$1.00**
- BESSIE BOSTON** (Leedham)—This dahlia is rather distinct, as it resembles a big red sunflower with cleft petals; stems and keeping qualities excellent. **.50**
- CHARM** (Marean)—A much admired autumn shade of burnt orange shading to yellow. Particularly suitable for decoration with autumn leaves. Flowers large and evenly formed. **\$1.00**
- D. M. MOORE** (Wilmore)—Rich, dark, velvety maroon, almost black. The most popular dark dahlia. Bush of medium height. **.50**
- DREAM** (Hornsveld)—A flower of beauty and perfect form. Color, peach with an amber-like glow. Good keeper for cutting, medium size. **.35**
- FLORENCE FINGER** (Finger)—A giant exhibition variety well formed. Color, bright rose pink, good for cutting. Bush rather compact producing heavy strong stems. **.75**
- FRECKLES** (Dahliadel)—Buttercup yellow streaked and penciled garnet, some flowers all garnet. Early and very profuse bloomer. A. D. S. Certificate, 1920. **.50**
- GLORY OF ARGONNE** (Dahliadel)—Color, delicate violet rose shading to white at center. Perfect, even form. Fine for garden or exhibition. **.50**
- HARVEST MOON** (Dahliadel)—A wonderful dahlia, bush dwarf, with large flowers held well above the foliage on stout stems. The broad, thick petals curve back towards the stem, almost making a ball; color, a clear, deep sulphur or primrose yellow. A. D. S. Certificate, 1920. **.75**
- JEAN KERR** (Burpee)—This white dahlia of medium size is always in bloom. Bush compact. Flowers well above the foliage on good stems. Fine for bedding and a good keeper for cutting. **.50**
- LA GROSSE BETE** (Marean)—Enormous flowers of a cerise color, held on strong stems. A strong grower and splendid exhibition variety. **\$1.00**
- LE GRAND MANITOU** (Charmet)—A giant of excellent form; color, Bishop's violet mottled and striped French purple; some blossoms self-colored. Compact growth, bush 3 feet. **.50**
- LITTLE JEWEL** (Papendrecht)—In reality a miniature decorative. Popular for exhibition as well as a cut flower. Grows about two inches. Color, a pleasing peach blossom pink. **\$1.00**
- OREGON BEAUTY** (Gill)—Intense Oriental red, carmine suffusion. A large standard variety. Stems not erect; fine for bedding. **.25**
- PEACOCK** (Peacock)—The finest variegated dark red and white we have ever seen or grown. Bush dwarf with large, deep flowers borne erect well above the foliage. Flowers of even form with full, deep centers. Evenly marked as much white as reddish purple, a characteristic uncommon in variegated dahlias.

Tubers, \$2.50; Plants, \$1.25

DECORATIVE DAHLIAS—Continued

- PEQUOT** (Dahliadel)—One of the older varieties that has many friends. White shaded lilac, medium size. Petals open back, forming a perfect ball. .50
- SAMMIE** (Dahliadel)—One of the largest ball-shaped yellow decorative dahlias grown. Color, clear deep primrose yellow; of good substance. Bush 5 to 6 feet. .50
- SHELIKOFF** (Tyler)—One of the best dark dahlias for your garden. Large well formed flowers of good substance on erect stems. Color, deep garnet. A. D. S. Certificate, 1920. .75
- STANLEY** (Dahliadel)—A dark carmine purple shaded deep Tyrian rose, of perfect form and large size. A. D. S. Certificate, 1920. .50
- SYLVIA DICKEY** (Finger)—A beautiful violet rose with lighter shadings. Flowers of great depth and substance. Always in bloom from early until late in the season. .75
- WINFIELD SLOCOMBE** (Slocombe)—This fine decorative dahlia is a beautiful burnt orange shading to gold at the center, an alluring combination for decorative purposes under artificial light. Good stems, and in bloom from early until late. Tubers, \$2.00; Plants, \$1.00

CULTIVATION. By cultivating at least once a week, and as soon after a rain as the ground can be worked, the weeds will be held in check and a soil mulch formed which will conserve the moisture and lessen the need of irrigation.

As the plant develops and the feed roots come toward the surface, the ground should be worked rather shallow around the hill for the radius of at least a foot. still work the balance of the ground rather deep, and bring some fresh soil to the plant at each cultivation, giving the plant a new supply of food and protecting the surface roots from the heat of the sun. Have the hills mounded five or more inches by the middle of September. This will help support the stalks.

IRRIGATION. When your dahlias need water soak the ground at least a foot deep, then cultivate as soon as sufficient drainage has taken place, and do not water again until necessary, which will be a week or more.

Do not spray your dahlia bushes, and sprinkle the surface of the ground every night or so, for this will only pack the surface, preventing air circulation and causing the soil to crust and dry rapidly in the sunshine. This also draws the feed roots to the surface, to be sickened by the heat of the sun's rays. The flowers obtained are soft, and the root development very poor, low in vitality, and hard to winter.

BRANCHING. Allow only one stalk to grow (never more than two). Pinch out the crown or centre above the second pair of leaves or eyes. The principle of taking out the center is to develop the eyes, which are located at the base of the leaves between the stem and leaf. The top pair of eyes will make themselves evident in surprisingly short time, and these shoots or laterals on most varieties should be pinched back again, leaving one pair of eyes on each branch. By the time these get a start the second or lower set of eyes on the main stalk will have developed along with the four above. These six stems should bear the first six flowers.

DISBUDDING. When the terminal bud on each of these stems is about the size of a small acorn, or as soon as the side shoots are large enough to pull out, disbud by taking out all the side buds and shoots except the lower pair on each of the six branches. Leave only one side shoot on each, should you desire very large flowers. These new branches should be handled as the previous set. All of the disbudded stem should be cut with the flower. This early disbudding and pruning is not solely for the benefit of the first six flowers, but mainly to keep the bush low and properly branched for the future crop.

Certain varieties branch to excess. These should be thinned out at intervals of two weeks, and not more than six shoots allowed to come into bloom for the first flowers. This affords the plant better air circulation and sunlight.

GREEN PLANTS

After removing moss, and paper pot from plants that have been shipped, plant them with the top of the ball of dirt about 3 inches below the ground level and cover the top of the ball of dirt about 1 inch. Fill in gradually as the plant develops. In locations where there is danger of flooding, or poor drainage, do not plant as deep.

Cut all plants back to 2 or 3 pairs of leaves above the ground or at least pinch out the top to cause the plant to branch.

Water thoroughly and then cover with a basket or open crate for a few days as a partial protection from the sun and wind. For cut worms scatter Poison Bait the evening of planting. See "Cut Worms," page 21.

Dahliadel Green Plants are properly grown and hardened for shipment and in our specially designed shipping box have been successfully sent all over the U. S.

DECORATIVE

Margaret Woodrow Wilson

MARGARET WOODROW WILSON (Fisher & Masson)—An exhibition decorative of immense size and wondrous beauty. Color an opalescent pink. Face of petals creamy white with a phlox pink reverse. One of the very best 1926 Introductions. D. S. of N. J. Certificate of Merit, scored 86. **Tubers, \$7.50; Plants, \$4.00**

Visitors are always welcome at Dahliadel Nurseries, located on the State Highway two and one half miles east of Vineland.

Cultural Instructions are scattered throughout the catalog and are well worth your reading.

Grow your own "Potash Fed Dahlias." Learn how by reading directions on page 5.

Throughout this catalog all varieties accompanying the illustrations are of the same type and very similar in form.

DECORATIVE DAHLIAS—Continued

- CHAS. STRATTON** (Stratton)—A blue ribbon winner in the class for the largest bloom. Not only are the flowers large but deep and massive, keeping well when cut. Blooms early and profusely on strong erect stems. Varies from Eastern Star in form by having outer petals of the Hybrid Cactus type. Color, pale gold shaded and tipped rose red.
Tubers, \$3.50; Plants, \$1.75.
- E. B. ROBERTS** (West)—A striking autumn shade decorative with exceptional keeping qualities. Color old rose at base of petals overlaid apricot. A free bloomer on perfect stems.
Tubers, \$2.50; Plants, \$1.25
- GLORIEUX** (Tyler)—Variegated dahlias take the eye. Large flowers on graceful stems of a bronzy yellow, usually distinctly tipped white, petals twist, adding grace to the flower.
\$1.00
- JERSEY'S SOVEREIGN** (Waite)—Similar in form to Jersey's beauty, but of a more compact growth. Flowers well formed on good stems. Color, salmon orange.
Tubers, \$2.50; Plants, \$1.25
- MRS. JOHN T. SCHEEPERS** (Marean)—Seen often on the exhibition table as this dahlia has size and good stems. Color, canary yellow with a pink suffusion on the outer petals.
Tubers, \$1.50; Plants, \$1.00
- OUR COUNTRY** (Stillman)—This deep full centered decorative, symbolic to its name is purplish red tipped white. Stem rigid but not erect.
Tubers, \$2.50; Plants, \$1.25
- POP STEWART** (Fisher & Masson)—This giant decorative dahlia received a score of 90 at the D. S. of N. J. Trial Grounds. A wonderful grower on excellent stems. Pure lilac pink and one of the finest dahlias of its color.
Tubers, \$4.00; Plants, \$2.00
- SANHICAN'S BLUEBIRD** (Fisher & Masson)—A pleasing near to blue decorative dahlia with outer petals of bright violet blue while the center petals retain the violet tint. A noble flower on wiry stems.
Tubers, \$3.00; Plants, \$1.50
- SANHICAN'S MAGNATE** (Fisher & Masson)—A splendid exhibition decorative of a pale amaranth pink, face of petals tinged with a deeper shade, and the reverse of petals a solid claret color heavily veined. One of the "big fellows." Awarded D. S. of N. J. Certificate of Merit, 1925.
Tubers, \$6.00; Plants, \$3.00
- SUSAN C. TEVIS** (Boston)—Somewhat similar to Porthos for the near to blue effect Color, rich lilac with bluish sheen. This variety is a vigorous grower producing large perfect blooms on fine stems through the season.
Tubers, \$2.50; Plants, \$1.25
- WORLD'S BEST WHITE** (Murphy)—As fine a white for exhibition or garden as you could choose. The immense creamy white blooms are born profusely on stiff stems.
Tubers, \$2.50; Plants, \$1.25

STUNT. This in most cases is the result of the ravage of insects such as Leaf-Hoppers, Thrips and Stem Borers, Stunt caused by the rotting of the feed roots may be due to heavy rains or excessive watering where there is poor drainage, or by a virus disease, something similar to Mosaic. The first symptoms are the rotting of the feed roots causing yellow mottling on the leaves and the plant in general to yellow and stop growing. Regardless of cause, all stunt should be dug and destroyed. Our 19 years of this practice leaves us less than 1% to dig annually.

DIGGING AND STORING. After the first black frost cut off the tops at the ground and allow to stand a few days to bleed out. Then dig with a garden fork. Care should be exercised not to break the tuber necks. Cut the stalks back again to about two inches above the crown. Then by tapping on the cut stalk endwise with a light instrument most of the dirt will free without injury to the necks of the tubers. Dry in the sun a few hours and your clumps are ready to store. A root or white potato cellar is preferable with a temperature of about 40 degrees. In this they need no protection or covering. The average house cellar is too dry and hot and in such conditions the clumps should be placed in the coolest part and packed upside down in a box in dry sand, ashes, or preferably ground Peat Moss.

After the tubers are stored a month it is well to look them over, trim out any portion showing rot and dip all the fresh cuts in equal parts of hydrated lime and sulphur, and pack them back again as before. Should the tubers show signs of shriveling place dampened Peat Moss over the top.

Dahlia tubers air dried and so packed should keep well until spring with no further handling providing they were grown properly, well ripened and not frosted.

VINELAND (Dahliadel 1924) Hybrid-Decorative

A dahlia of real merit that is gaining its own popularity. Strong and healthy bush growth of medium height, producing an abundance of large flowers of that leading fall shade—russet orange suffused apricot. Exceptionally good for cutting or shipping.

Tubers, \$1.50; Plants, \$1.00

Don't use nitrate of soda as a fertilizer. Don't try to grow exhibition blooms by forcing the life out of your stock with sheep or any other manure, without balancing your plant food with phosphoric acid and potash.

DECORATIVE DAHLIAS—Continued

- DOROTHY ROBBINS** (Finger)—Color, peach red suffused apricot. A fine grower of very good form, flowers average 6 to 8 inches. As a cut flower it is one of the best keepers. **.50**
- F. A. KENT** (Fisher & Masson) A pleasing exhibition decorative of the stag-horn type. A beautiful mallow pink with rigid stems that hold the flower well above the dark green foliage. D. S. of N. J. Certificate of Merit. **Tubers, \$4.00; Plants, \$2.00**
- GOLDEN JUBILEE** (Star)—A delightful large, golden orange dahlia with good strong stem. Dwarf but very vigorous plant. A free bloomer exceptionally good for exhibition purposes. **Plants, \$3.75**
- ISALM PATROL** (Davies)—The popularity of this unusual dahlia is due to its striking coloring. A very dark velvety scarlet tipped and flushed pure gold. Flowers large and well formed on good erect stems, keeping well when cut. **Tubers, \$3.00; Plants, \$1.50**
- JESSIE FRANCES** (Hulsart)—Clear lemon yellow decorative of good size and a satisfactory exhibition or garden variety. An early and continuous bloomer. **Tubers, \$3.00; Plants, \$1.50**
- MEPHISTOPHELES** (Marean)—Although not a profuse bloomer this variety produces large perfectly formed flowers on rigid stems. Color, rich carmine slightly tipped yellow. **\$1.00**
- MINA BURGLE** (Burgle)—Rich, dark scarlet or geranium red; profuse bloomer; ideal for the garden or as a cut flower. Tall erect grower. **.35**
- MORDELLA** (Kemp)—Apricot buff, beautiful under artificial light. Flowers large and gracefully formed on good stems. A tall grower. **Tubers, \$3.50; Plants, \$1.75**
- MRS. ELEANOR MARTIN** (Pelicano)—A very striking decorative that gives satisfaction wherever grown. A peculiar rose shade with reverse of violet, well described as "Mulberry." A profuse bloomer with good stems. **Tubers, \$3.50; Plants, \$1.75**
- MRS. E. L. LINDSEY** (Broomall)—Scarlet and gold of good size. Not abundant in blooming but valuable for exhibition in baskets and vases. **\$1.00**
- MRS. NAT SLOCOMBE** (Slocombe)—Although classed as a Hybrid Cactus this variety more often looks like the cut of Jersey's Jewel. Color, deep sunflower yellow. **.50**
- PRIDE OF DAHLIADEL** (Dahlia del)—We hesitated introducing this variety as it is similar in general color to the Grizzly. But in all tests it has proven so much more satisfactory that we now heartily recommend it. Full centered flowers produced on strong healthy bushes. Color, rich deep non-fading carmine red. **\$1.50**
- ROMAN EAGLE** (Fisher & Masson)—This popular 1926 introduction is an uncommon autumn shade decorative of a brilliant burnished copper. Scored 89 at the D. S. of N. J. Trial Grounds. A real winner. **Tubers, \$4.00; Plants, \$2.00**
- SANHICAN'S GEM** (Fisher & Masson)—A favorite decorative of old rose suffused with amber, maturing into a delightful clear old rose with a glistening sheen. Staghorn type with the petals long and thickly placed. D. S. of N. J. Certificate of Merit, 1925. **Tubers, \$3.50; Plants, \$2.00**
- SANHICAN'S MONARCH** (Fisher & Masson)—A popular decorative dahlia that is much admired for exhibition. Color, deep Tyrian rose at center of flower, shading to lighter tones at tips. A free bloomer on excellent stems, and good keeping qualities. **Tubers, \$5.00; Plants, \$2.50**
- SUNBEAM** (Slocombe)—Fine garden variety of exceptional substance. Amber tipped and shaded scarlet. **.75**
- VASSAR** (Dahlia del)—An excellent dahlia of unusual form. Petals open back to stem, forming a full deep bloom. Color, beautiful amber, shaded soft old rose. **.75**
- WHITE PRINCE** (Murphy)—Pure white flowers of good size and pleasing artistic formation. **\$1.00**
- WM. SLOCOMBE** (Slocombe)—This dahlia will appeal to you for size. Color, clear, canary yellow. Stems not pendant but not always strong enough to hold such massive blooms erect. **\$1.00**

Don't try to replace cultivating with watering. The pen may be mightier than the sword but the hoe is mightier than the hose in dahlia culture.

HYBRID-DECORATIVE DAHLIAS

MRS. GEO. W. ELKINS (Decorative)

CARMENCITA (Boston)—Bush rather dwarf, but flowers have good stems. Color, yellow lightly striped red. The artistic formation of the flower makes it very popular. **\$1.00**

CITY OF LAWRENCE (Reed)—One of the best and largest yellow decorative dahlias we have found. Full deep flowers borne profusely on good stems. A strong growing variety. Good for cutting as well as for exhibition.

Tubers, \$3.50; Plants, \$1.75

COMSTOCK (Boston)—An immense yellow flower of great substance. Petals slightly fluted. Fine for cutting, garden or exhibition. **.75**

ELBERON BEAUTY (Fisher and Masson)—As its name indicates, a beauty, large exhibition flowers of soft apricot shading to a slightly darker tone towards center, borne profusely and held erect on long rigid stems.

Tubers, \$1.50; Plants, \$1.00

EL GRANADA (Boston)—A beautiful vivid orange dahlia with creamy white tips. Petals twist and interlace, giving it a very artistic form. Long stems hold the flowers well out of the foliage. An abundance of blooms cover the high bushes the entire season. A prize winner in the West.

Tubers, \$5.00; Plants, \$2.50

HIS MAJESTY (Boston)—A lively scarlet dahlia of good size and form. A free bloomer which does not require much disbudding to obtain size. **Tubers, \$3.00; Plants, \$1.50**

JERSEY'S MONARCH (Waite)—A tall growing variety, flowers very large and deep on good stems. Deep salmon with yellow at the base of petals. **Tubers, \$2.50; Plants, \$1.25**

MARJORIE FIELDS (Warren)—If you want a dahlia bush that you can always find full of blooms of a beautiful soft pink under-shaded yellow, then grow this variety. Bush about 3 feet. **.50**

MISS ATLANTIC CITY (Dahliadel-Rentschler, 1926)—Flowers are very artistic with long tapered petals which curve back toward the stem. A real beauty for the autumn. Color, lilac rose, suffused reddish golden bronze. This fine new variety grows well without pruning and with little disbudding. Stems strong and wiry. Bush 3 feet.

Tubers, \$5.00; Plants, \$2.50

MISS BRIDGETON (Venable)—Beautiful light pink with violet suffusion. A tall vigorous grower, stems slender and not always holding the flower erect.

Tubers, \$2.50; Plants, \$1.25

HYBRID-DECORATIVE DAHLIAS—Continued

MRS. GEO. W. ELKINS, JR. (Root)—The flowers are large and deep with full centers, borne on good stems. It is a free and open grower. The color is beautiful, old gold, suffused salmon pink with a faint reflex of rosy pink. Of remarkable beauty. A. D. S. Certificate, 1922. **\$1.00**

RODMAN WANAMAKER (Peacock)—One of our strongest growing varieties, producing large flowers on long strong stems. Buds are a pale yellow, but as the flower expands, develops into a bronzy salmon pink. This variety has a real peony center which does not detract from its beauty. **Tubers, \$5.00; Plants, \$2.50.**

SULPHUREA (Keynes)—The long narrow petals on this variety curve back to the stem giving the flower the appearance of a huge chrysanthemum. Color, soft sulphur yellow. Bush low branching and a wonderful bloomer. **.50**

THE GRIZZLY (Burns)—One of the most popular dark red decoratives grown. A giant exhibition variety. A prize winning novelty with long reflex petals. Color, velvety crimson maroon. **\$1.00**

THE U. S. A. (Stillman)—Resembling Vineland in general form and size, although the centers run open after the first few blooms, which places it in the peony class. Petals artistically twisted and curled. Color a vivid orange. **\$1.50**

WHOPPER (Broomall)—Somewhat similar to Mrs. Elkins in form but of much taller growth, stronger stems, and of fine branching habit. Color, yellow-buff shaded orange. **.75**

HYBRID-DECORATIVE DAHLIAS

AUGUSTINUS (Ballego)—Large flowers with long petals which are more or less twisted. Color is a rosy salmon overlaid with bright metallic lilac. A very satisfactory dahlia. Vigorous bush grows 5 to 6 feet. **\$1.00**

INSULINDE (Kriest)—One of the finest and most artistic dahlias of distinct form with petals twisted and curled. Stems are two to three feet long, and flowers 8 to 9 inches across, mostly facing upward. Color, a rich saffron yellow shaded russet orange. **\$1.00**

TUT

(Hybrid-Decorative)

J. OTTO THILOW (Root)—Extra large blooms, are held very erect facing upward. Petals are long and pointed. Cardinal red without shading. **.75**

MME. BUTTERFLY. Flowers of wonderful grace and color combination of violet rose, shading darker at tips and blending to a deep golden yellow at base of petals. Petals twist, showing a rosy magenta reflex, making it very unique. **.50**

TUT (Dahliadel)—This unique dahlia differs from Mme. Butterfly by having blunt notched petals. Flowers face partly upward on sturdy stems. Color, rich velvety purple garnet with lighter reverse. Excellent habits of growth. **\$1.00**

HYBRID-CACTUS and HYBRID-DECORATIVE DAHLAIS

E A R L E WILLIAMS (Doolittle)—One of the favorite fancy dahlias, of pleasing scarlet distinctly tipped white. Flowers deep and large, of regular form on good stems.

Tubers, \$1.50; Plants, \$1.00

ELSIE DREXLER (Boston)—Deep velvety maroon of huge size. The inner petals roll very closely and form almost a star in the center. **\$1.00**

EVA COLE (Murphy)—The popular combination of red and gold. Exhibition flowers can be grown 10 inches in diameter on strong stiff stems.

Tubers, \$7.50; Plants, \$3.75

LA MASCOTTE (Boston)—Entirely distinct in formation and coloring. Large blooms of silvery white, while the reverse is reddish violet, with petals **\$1.00**

quilled on first opening. An incessant bloomer on good stems.

MRS. JAS. A. BABBITT (Root)—Flowers of immense size with incurved petals. Color, deep yellow with reverse of petals overlaid with crimson. A favorite commercial and exhibition dahlia. **\$1.00**

MRS. JOHN M. ROOT (Root)—Immense flowers of pure canary yellow. One of the largest dahlias. Petals are long, broad and slightly twisted. Rather shy bloomer for northern localities. **\$1.50**

MYRA VALENTINE (Mills)—This tall growing variety produces large golden bronze flowers on two to three foot stems. Fine for exhibition or cutting.

Tubers, \$2.00; Plants, \$1.00

NOBILIS (Doolittle)—Very similar to Earle Williams in form and color, except that the white predominates. Color, crimson and white. A real exhibition and commercial variety. **\$1.00**

PAPILLON (Boston)—A mammoth flower which is much in demand. Described as an improved George Walters, which it resembles, although decidedly different in coloring. Beautiful old rose illuminated with golden lights. **Tubers, \$2.50; Plants, \$1.25**

PAUL MICHAEL (Michael)—A large dahlia produced on a dwarf bush. Petals curled and twisted. Color deep buttercup yellow, shaded with old rose, making it an ideal exhibition dahlia. Flowers 8 to 10 inches, bush 3 feet. Stems fairly good. **\$1.00**

ROOKWOOD (Boston)—Pure bright cerise rose without the faintest touch of magenta. Immense flowers of good depth held aloft on splendid straight stems.

Tubers, \$3.00; Plants, \$1.50

T. A. LEONARD (Boston)—A dahlia well worth growing producing an abundance of blooms from early to late on strong stems. Color, deep cerise or bright carmine rose. Giant full centered flowers with peculiar wavy petals. **\$1.00**

HYBRID-CACTUS & HYBRID-DECORATIVE DAHLIAS—Continued

TYRIAN ROSE (Dreer)—Its name indicates the color, shading lighter at the tips. Flowers large and well formed. **\$1.00**

VALLEY FORGE (Greiner)—This large, greatly admired dahlia is held on very stout and erect stems. Color, light purple lightly suffused white. **Tubers, \$1.50**

WIZARD OF OZ (Doolittle)—A rare shade of glowing amber pink, shaded salmon. A real exhibition giant of beautiful formation. Good sturdy grower.

Tubers, \$2.50; Plants, \$1.25

THRIPS are tiny insects that enter the growing tip or shoot and chafe the newly formed leaves injuring them so that they develop malformed and curled. These insects seem to enjoy the life blood of certain varieties on account of its flavor and do not molest the adjacent bush. If the attack is not checked it will result in a stunted bush which in reality is only debilitated by insect ravages.

LEAF HOPPERS are larger than Thrips and of a pale yellowish green color, a little over $\frac{1}{8}$ of an inch in length. They fly when the bush is touched during the heat of the day. These sucking insects do much to keep a plant from getting a good start. They, as well as Thrips and Aphids are common carriers of virus diseases and should be kept in control for this reason if for no other. During the windy weather when dust cannot be applied to advantage, overhead sprinklers used during the heat of the day will control red spider and check the Leaf-Hoppers and Thrips.

We believe the best control of Thrips, Leaf-Hoppers and Aphids is by dusting with a good nicotine dust. Apply in sunshine with the temperature above 70 degrees at weekly intervals from the time the plants are set or tubers start to grow as a preventive, and if any should appear, then about every 4 days until they disappear. By starting before their presence it is doubtful if you will see any. After so many calls for a nicotine dust last year, we are listing Dahliadel Nicotine Dust, 5 lbs. for \$1.50, 25 lbs. \$5.75, express collect, as this cannot be sent by mail.

STEM BORER. This black and white striped worm enters the stem above the ground and usually works upward and will be noticed in the early season by the shortening of the internodes, later on by wilting. Cut the plant off near the ground and get the borer with your knife. If the borer is below where you want to cut back, use a hooked wire from the top. A plant cut back not later than July 15th should be in full bloom early in September.

CUT WORMS are easily controlled by scattering about a teaspoonful of poison bran bait around the plant (but not touching it) as soon as plants are set or shoots appear from tubers. The early evening is the best time to apply it.

2 tablespoonfuls of molasses or brown sugar.

1 level teaspoonful paris green mixed in.

Juice of an orange or equivalent in water.

1 quart of bran or enough to make a reasonably dry mash.

AUTUMN CENTURY (Basset)—Delicate madder lake, shading yellow at center. A beautiful autumn tint. **.25**

DAHLIADEL CENTURY (Dahliadel)—It is all that can be asked for in a white single dahlia. Its size, form, habit of growth, productiveness, and clear pure white color put it far ahead of anything else. **.25**

GEANT DE LYON (Rivoire)—Rich carmine maroon with yellow center surrounded with long creamy white collarette petals. The one good collarette dahlia. Very free flowering. **\$1.00**

SENSATION DUPLEX (Basset)—Rich geranium or cardinal red, tipped pure white. Some flowers pure red. Very distinct and popular. **.25**

TANGO (Dahliadel)—Cadmium yellow, shaded scarlet orange. A lively autumn tint. **.25**

CENTURY OR SINGLE DAHLIAS

CACTUS
DAHLIAS

SPORT

The dahlias in this group are commonly known as English Cactus. A characteristic of this type is a slender wiry stem not always holding the flower erect.

BALLET GIRL (Boston)—Beautiful flowers of immense size, color, orange tipped white, some flowers pure orange, with other variations on same bush. **\$1.00**

F. W. FELLOWS (Stredwick)—Flowers of phenomenal size, composed of numerous long narrow petals of a lively orange scarlet. A good exhibition and commercial variety. **.75**

MME. ANNIE MARIE CHANTRE (Rivoire)—A fine large violet rose cactus dahlia; petals long straight and cleft; good for cutting. **.50**

PIERROT (Stredwick)—This large French dahlia is very striking with its deep amber petals usually tipped white; a great exhibition variety. **.50**

SPORT (Dahliadel, 1926)—As its name indicates it is a sport of F. W. Fellows with all its merits, but a pleasing shade of deep buttercup yellow with buff shadings at center. Have grown this variety four years and it has never reverted to its parent. A wonderful exhibition flower, and fine for cutting also a favorite in the garden.

Tubers, \$1.50; Plants, \$1.00

CACTUS DAHLIAS

GLADYS BATES

- CONQUEST** (West)—Rich garnet with maroon shadings. One of the best dark fine quilled cactus dahlias. Free and early. .50
- CRYSTAL** (Stredwick)—Petals long and incurved; color, soft, silvery rose, shading to white at center and tips. Stems pendant at times. Fine for florists work. .50
- E. F. HAWS** (Stredwick)—Flowers of good size and even form. Color, a soft salmon pink; a tall, strong grower. .75
- GLADYS BATES** (Boston)—A huge cut flower of perfect form. Color, tan with rose reverse. A dahlia of real merit. \$1.00
- MRS. C. G. WYATT** (Keynes)—The best fine quilled pure white cactus we have found for commercial use. Early and profuse. .50
- MRS. EDNA SPENCER** (Spencer)—This popular dahlia for shipping and keeping qualities is one of the very best. Flowers produced profusely on erect stems. Color, pale lilac, shading lighter at center. .75
- OLIVE NYCE** (Peacock)—A splendid exhibition or cut flower variety. Plants strong and vigorous. Large well formed flowers, borne erect. Color, beautiful soft salmon pink, shading lighter at center and tips. Not an early bloomer. \$1.00
- REV. T. W. JAMISON** (Stredwick)—Color, violet rose at tips, shading lighter and blending with primrose yellow at base. Petals long and incurved. .35
- VICAR OF WASPERTON** (Keynes)—This large cactus dahlia ranks among the best. The petals are slightly curled and curved. Color, Roselane pink, shading to a primrose yellow at center. \$1.00

CACTUS DAHLIAS

C. B. GITHENS

ATTRACTION (Hornsveld)—One of the most popular cut flower varieties because of its good keeping qualities and excellent stems. Color, clear lilac rose. Although an occasional flower comes open centered, this does not detract from its beauty. **.75**

CALIFORNIA BEAUTY (Broomall)—A pure copper in color. Much resembles Golden West Cactus, except better bush growth and much larger. A good cut flower. **.50**

C. B. GITHENS (Peacock)—One of the finest and largest clear yellow cactus dahlias we have grown. Produces well-formed flowers of good substance and keeping qualities on long, slender but stiff stems. Valuable for exhibition and as a commercial.

Tubers, \$2.00; Plants, \$1.00

DR. BOSHER (Bosher)—This variety is very similar to La Favorita except it is a better grower and not as susceptible to the ravages of the thrip and leaf hopper. Color, brilliant orange shaded salmon pink. **\$1.00**

ESTHER R. HOLMES (Greinberg)—A wonderful orchid pink dahlia similar to Attraction in color, but of a much deeper formation, and holds a full center. Very satisfactory. **\$1.00**

ETENDARD DE LYON (Rivoreire)—Large, yet graceful blooms. Color, reddish violet overlaid Tyrian Rose. **.50**

FRANCIS LOBDELL (Waite)—Flowers large and of perfect form, mallow pink shading to white in the center. Wonderful free bloomer, splendid bedding variety, as well as exhibition. **Tubers, \$1.50; Plants, \$1.00**

JEAN CHAZOT (Cayeux)—Flowers of graceful formation. Color orange suffused gold, frequently tipped golden yellow. The tall branching bushes hold the large blooms gracefully on straight stems. **\$1.00**

JHR. G. F. VAN TETS (Kriest)—Good size white cactus with long incurving petals, fine stems hold flowers so they display their full beauty. Early and continuous bloomer. Dwarf grower. **\$1.00**

JOSEPHINE MENDILLO (Jost)—A brilliant red which appears to be a decided improvement over Kalif, especially in substance, stem, and keeping qualities. This variety proved to be a real commercial red the past season. **Plants, \$1.00**

CACTUS DAHLIAS—Continued

KALIF (G. and K.)—Color, rich strawberry red, or carmine. The mammoth flowers are borne in great profusion. An old favorite and a good cut flower. Base of petals broader than illustration. .75

LOLITA VELASCO (Boston)—One of the most perfect white cactus dahlias. Petals are extremely long and straight. Flowers of immense size. Stem is long and stiff. Not an overly profuse bloomer and occasionally running open center. \$2.00

MAHOGANY (Murphy)—A dark red American Cactus on a good erect stem. Large flowers of good form with full centers. Dark velvety red with a lighter reverse. Tubers, \$3.00; Plants, \$1.50

MRS. WARNAAR (Hornsveld)—Large perfect flowers of good form and substance. Color creamy-white apple blossom suffusion. Bush compact but stems good. .75

NANCY MAE—Carmine, shading rich reddish purple; the general effect being a deep, velvety red. .50

NIBELUNGENHORT (G. and K.)—An old favorite, often measuring from seven to eight inches in diameter; of a violet rose suffused golden apricot. Very profuse. .50

NICHU (Boston)—A hybrid cactus dahlia of real merit, described by the originator as a new Yellow King. A mass of clear yellow blooms with good stems. A strong grower and a good root maker. Tubers, \$5.00; Plants, \$2.50

PATAPSCO (Vincent)—Graceful flowers with petals curled and twisted of deep silvery mauve rose suffused pink. A free bloomer on good stems. \$1.50

SKAGARRAK (Engelhardt)—Beautiful clear lemon yellow. Large graceful flowers of great depth with long petals. Our best all purpose yellow cactus. \$1.00

TOM LUNDY (Fenton)—A large crimson carmine of perfect form. Larger and heavier petals than Marguerite Bouchon. \$.75

MISS NEW YORK (Badetty)—This striking new exhibition Hybrid Cactus is one of the best. Color, deep rose, showing roselane purple on the reverse of the artistically twisted petals. A good grower, producing large, full centered blooms. Tubers, \$5.00; Plants, \$2.50

Dahliadel Gold Medal Exhibit A. D. S., New York, 1926

HYBRID-CACTUS DAHLIAS

SUNKISS

BETTY AUSTIN (Peacock)—Color, rosy carmine, shading yellow at base and tips of petals. Flowers held well above the foliage on strong erect, yet slender stems. .75

CALIFORNIA ENCHANTRESS (Boston)—A delicate soft rose pink of large size, regular form, on erect stems. This fine flower is good for cutting and free flowering. \$1.00

CINDERELLA (Boston)—This sturdy variety produces fine well formed blooms on erect stems. Pale salmon or fawn pink shading to tan at the center.

Tubers, \$2.00; Plants, \$1.00

DADDY BUTLER (Boston)—One of the best for exhibition. A profuse bloomer and good keeper on perfect stems. Color, rosy carmine, reverse of petals lighter.

\$1.50

ELSIE DANIELS (Meachen and Sherman)—The color of this wonderful dahlia is pale violet orchid with long, wavy white center petals. Bushes rather dwarf with immense exhibition blooms held well out of the foliage on strong stems.

Tubers, \$3.50; Plants, \$1.75

HYBRID-CACTUS DAHLIAS—Continued

- LADY ELIZABETH.** A distinct and unusual Hybrid Cactus, resembling the plume variety of chrysanthemum. Color a creamy yellow overlaid with bronzy-rose, deepening at center. The tips of quilled petals are split, giving the flower a very shaggy appearance. Free-flowering and a decided novelty. **Tubers, \$2.00; Plants, \$1.00**
- MARIPOSA** (Boston)—A gigantic flower of great depth, perfect form, with incurved petals. A beautiful pink shading darker at center with a violet suffusion which adds to the effect. A sturdy grower and a great favorite. **Tubers, \$2.00; Plants, \$1.00**
- MOTHER** (Peacock)—A fine white on erect stems which are well supplied with healthy green foliage. Bush sturdy. A continuous bloomer. **\$1.50**
- QUAKER CITY** (Dahliadel)—In this fine large cactus dahlia each petal is supplemented with from three to six narrow pointed petals showing up through the flower, making a very attractive and artistic flower. Color, primrose yellow. A. D. S. Certificate, 1920. **.50**
- RED CROSS** (Anderson)—Old gold shading yellow and suffused scarlet. Very striking. Of good form and substance. **.75**
- SUN KISS** (Yezek)—This fine Hybrid Cactus has such an appealing color effect of straw yellow with a heavy fawn suffusion on the outer edge that it is a universal favorite. A free and early bloomer on fine stems making it very desirable for cutting. **Tubers, \$2.00; Plants, \$1.00**
- ULYSSE** (Vilmorin)—An appealing combination of salmon rose with golden yellow suffusion, petals broad, curling at tips. Flowers four to five inches on strong stems. Keeps wonderful when cut. **.35**
- WINTER TIME** (Murphy)—Fine pure white for exhibition or cutting on good stems. Classed as a cactus but resembling Vineland very much in form and bush growth. **Tubers, \$2.00; Plants, \$1.00**
- WODAN** (G. and K.)—Long, gracefully twisted petals, of a mauve rose, reverse of petals violet rose, illuminated by a golden suffusion. An old variety that lives on. **.50**

HYBRID CACTUS DAHLIAS

- BREAK O' DAY** (Dahliadel)—Now a popular standard variety. The color is a delicate, clear sulphur yellow, shading to sulphur white at tips. The petals are of great substance, illuminated by a satiny sheen, giving the flower a waxy appearance. Awarded the A. D. S. Certificate of Merit at Storrs, Conn., 1920. Also Sweepstakes at Seattle, Wash., 1921. **.50**

- CIGARETTE** (Boston)—Creamy white, heavily edged orange with color variations. Petals are long and narrow, inclined to roll. Blooms large, on excellent stems, and of good substance. **\$1.50**

- LIBERTY BELL** (Dahliadel)—Color, soft crimson carmine, shading yellow at base of petals, and white at tips. A good bloomer, but poor stems. **.35**

- SUNSET GLOW** (Peacock)—Similar to Red Cross in color, but better in every way. It is a profuse bloomer, which holds a full center, and good growing habits. One of the pleasing autumn shades, yellow at base of petals, suffused scarlet and tipped yellow. A favorite in the commercial world. **\$1.00**

BREAK O'DAY

CACTUS DAHLIAS

AMBASSADOR

AMBASSADOR (Broomall)—In evidence at every dahlia show is this fine exhibition and commercial flower of soft yellow buff shaded salmon pink. Well formed flowers, held erect above the foliage. Bush of medium height and branching habits.

Tubers, \$2.00; Plants, \$1.00

MARGUERITE BOUCHON (Cayeux)—A dainty cut flower, center pure white, outer petals a brilliant, yet soft violet rose with distinct white tipping. **.50**

MRS. E. F. T. SMITH (Broomall)—Immense flowers held well above the foliage on strong stems. Color, creamy white shading to lemon tint at center. Petals broader at the base than illustration. A sturdy grower. **\$1.00**

PINK ROSEBUD (Peacock)—A decidedly unusual form for a cactus dahlia, buds face upward and open like a rose, a petal at a time. Not very large, but a real cut flower, holding a high full center and keeping wonderfully well when cut. **\$1.50**

SISKIYOU (Broomall)—Here we have one of if not the largest dahlia that grows. Flowers held erect on long strong stems. Color, pink tinted mauve. Petals rather blunt and flat. **Tubers, \$5.00; Plants, \$2.50**

DAHLIA TUBERS THAT WILL WINTER

First, side-step the varieties that are habitual poor root makers, such as Geisha and Pres. Wilson, etc.

Second, plant only stock that has been properly grown without previous forcing.

Third, fertilize so that your plants will have a balanced ration, namely nitrogen in manures, humus, or bone meal; and phosphoric acid in acid phosphate or bone meal; and potash in wood ashes, sulphate, or muriate of potash.

Fourth, cultivation is worth more than watering for healthy plant growth. Water thoroughly only when necessary (not more than once a week in a dry spell), but cultivate once a week throughout the season, until the middle of September, then stop. This check will help materially in ripening the tubers.

Selected stock in either green plants or tubers properly fertilized, watered, and cultivated will produce wonderful blooms and the tubers will have every chance of wintering. A complete starch formation is essential for the proper wintering of a dahlia tuber and the above suggestions are essential.

HYBRID-CACTUS
DAHLIAS

EMMA MARIE

AUBURN BEAUTY (Weston)—This fine large exhibition dahlia is a real pleasure to grow as the bushes are strong and healthy, producing blooms of pleasing form 9 to 10 inches across and 4 to 5 inches deep, on rather slender, wiry stems. Color, bright gold shaded and suffused coppery red. **Tubers, \$5.00; Plants, \$2.50**

EMMA MARIE (Dahliadel)—The Charming Pink Dahliadel Introduction without a rival. Its beautiful coloring, perfect form and exceptional keeping qualities win friends everywhere.

At the D. S. of N. J. Trial Grounds, 1924, Emma Marie scored 89 Exhibition and 90 Commercial. This variety together with Eastern Star and Casper G. Ware were features of our Gold Medal Exhibit at the New York Show in 1926. Emma Marie has won both Trophy Cup and Gold Medal of the Camden D. S. for 25 Bloom Basket of Jersey Origin. A real prize winner.

A favorite because of its pleasing shade of clear pink with a creamy white center and its combination of exhibition and commercial qualities not found in many Dahlias. It is a robust grower, producing deep, full-centered blooms from 6 to 8 inches in diameter on three to four foot stems in ordinary field culture.

Tubers, \$3.00; Plants, \$1.50

GEORGE WALTERS (Carter)—A massive Hybrid Cactus with petals much broader than the accompanying cut. Fine form and one of the most popular exhibition and garden varieties. Coppery old gold with buff base. **.75**

GRISETTE (Boston)—A hybrid cactus of exhibition size and good formation. Large flowers are of great depth composed of numerous closely rolled petals. Color old gold heavily flushed pink. **Tubers, \$2.50; Plants, \$1.25**

HARRY SHELDON, JR. (Murphy)—Although a massive decorative for exhibition it is a beauty with wavy petals and of delicate coloring, passing from white at center to shell pink on outer petals. **Tubers, \$5.00; Plants, \$2.50**

STUNNER (Broomall)—Large canary yellow of fine form on good stems. A strong sturdy grower. Good for exhibition. **.75**

THAIS (Mann)—White with delicate shadings of violet mauve. Not a big flower but a good garden variety. **.35**

WASHINGTON CITY (Broomall)—A fine large pure white, looking almost like a white star. Fine bush growth. **.75**

PEONY DAHLIAS

DAHLIADEL GLORY

CANADA (Peacock)—One of the best and hardiest pure white peonies. Bush dwarf but produces an abundance of blooms on erect stems well above the foliage. **.50**

DAHLIADEL GLORY (Dahliaedel, 1925)—We, like many others, are prejudiced against peony dahlias because so many floppy duplex varieties have been introduced, but this new dahlia has a very artistic formation of broad, heavy petals, with a beautiful whirl center, on long, erect stems. A wonderful color blending of scarlet tipped reddish apricot, giving a henna effect. **Tubers, \$2.00; Plants, \$1.00**

DRUM MAJOR (Dreer)—One of the largest of the peony flowered type. A rich fiery red with a lemon yellow center and petals more or less tipped and marked yellow. A prominent variety in the garden. **\$1.00**

FAUST (Hornsveld)—Large garden variety; deep morocco-red, shading rosy carmine on reverse of the long twisted petals. **.50**

GEISHA (Hornsveld)—Buttercup yellow at base of petals shading to scarlet at center, and passing lighter at tips. Petals broad, loose and peculiarly twisted. The most popular and striking peony-flowered dahlia. **\$1.00**

KING ALBERT (DuBois)—Large and graceful flowers of rich royal purple on good Stems. Bush tall. **.75**

MRS. G. GORDON (Ware)—A very satisfactory sulphury white peony dahlia. Immense size. **.35**

MRS. THOS. BUSH—Color, reddish salmon, shading primrose yellow at center and tipped rose. Good size on pendant stems but an incessant bloomer. **.35**

OLD SOL (Dahliaedel)—Color, primrose yellow, shaded coppery red with golden bronze suffusion. Good size, very graceful and attractive, splendid form. **.35**

PRIDE OF PORTLAND (White)—A red and yellow peony. Somewhat similar to Geisha. Stems stronger but the red is not quite as bright. **.75**

QUEEN ELIZABETH (Peacock)—A fine formed peony of clear violet rose. Stems erect. Bush medium height. **.35**

QUEEN ESTHER (Slocombe)—Good size and form. Color brilliant red. Medium tall bushes. **.50**

SHOW DAHLIAS

JAYSEEDEE

- CARL OWEN** (Dahliaedel)—The best red show we have found. Rich non-fading carmine red. Flowers of perfect form on erect stems. Good without disbudding. **.75**
- DOROTHY PEACOCK** (Peacock)—A beautiful pale lilac rose shading to a white at center; of fine branching habit. **.35**
- DRAUDE** (Draude)—The finest dark red ball dahlia of perfect form. Bush rather dwarf with nodes very close; requires disbudding to produce stems but a wonderful stem when you do. **\$1.00**
- DREER'S WHITE** (Dreer)—Snow white flowers of good form borne in great profusion. Stems pendant. **.25**
- DREER'S YELLOW** (Dreer)—A beautiful rich deep sulphur yellow of perfect form, blooms well above the foliage. Often measuring seven inches in diameter. Similar to Dreer's White in form and a very healthy grower. **.50**
- FLORENCE** (Dahliaedel-Pfeiffer)—This variety is always a mass of blooms. Perfect form and good size. Color a very pleasing shade of pale light lilac. **.50**
- GEN. MILES** (Stillman)—An extremely large show dahlia and although it has a weak stem it has always been in demand. Color, Bishop's violet striped and speckled French purple. Some blooms self colored. **.75**
- GOLDEN WEST HS** (Burbank)—Large and distinct; high full center with petals notched at tips. Color, clear primrose yellow. **.35**
- GOLD MEDAL** (Keynes)—Sunflower yellow tipped and suffused Oriental red; very striking and becoming more popular each year. **.50**
- JAYSEEDEE** (Draude)—A beautiful new ball shaped dahlia of soft reddish violet striped and speckled rich deep red. A perfect ball. Bush compact but fine stems can be produced by disbudding. **\$1.00**

POMPON DAHLIAS

ALEWINE—White overlaid lavender pink. Flowers rather large. Height three feet. .25

BOBBY—Bright plum color. Bush rather tall. .35

BRONZE BEAUTY—Beautiful golden apricot; a free bloomer good for cutting. .25

CATHERINE—Clear canary yellow. .25

DARKSOME (Alexander)—The best real dark red or maroon. .50

DEW DROP—White tipped lavender. .50

EILEEN—Very pretty rosy lilac. .50

ELEGANTA—Deep pink, quilled petals. .35

ELFIN—Very small and dainty. Light primrose yellow. .35

FASCINATION—Very fine pink and lavender with white undershadows. .25

JESSICA—Yellow tipped red. .50

KLEINE DOMITEA—Bright orange buff, low grower. .25

LITTLE BELLE—Very fine mauve pink. .50

LITTLE HELEN—Fine bloomer, lively pale lavender. .25

LITTLE HERMAN—Cardinal red shaded maroon tipped white. .35

MIDGET (West)—Salmon suffused with violet. .50

NEATNESS (West)—Light amber center shading to salmon pink. .50

PHYLLIS (Turner)—Deep yellow shaded and edged red. Very fine. .50

PRINCE CHARMING—Lavender tipped purple. .50

SAN TOY (Turner)—One of the favorites. White tinged carmine rose. .35

SNOWCLAD—The best pure white. .35

SUNSHINE (West)—Scarlet or light red. .35

VIVID (Turner)—Brightest scarlet. Bush dwarf. .25

YELLOW PRINCE—Clear yellow of fine form, but rather large for exhibition. .50

Dahliadel Plant Food

Especially for Dahlias and Gladioli. Made from the highest grade materials and so blended to give a balanced plant food for the production of fine flowers and good tubers.

Directions: Spring application, 3 to 6 lbs. to each 100 sq. ft. August application, 3 to 4 lbs. This may be divided into 3 applications but not over 10 lbs. to 10 hills should be applied during a season.

Price F. O. B. Factory in Baltimore, 50 lbs., \$3.00; 100 lbs., \$5.50; 200 lbs., \$10.00; Ton, \$90.00.

DAHLIADEL NICOTONE—A 3% nicotine dust. 5 lbs, \$1.50; 25 lbs., \$5.75 by Express Collect.

VERMOREL "ORANGE" DUSTER—The best knapsack duster we have found for applying nicotine dust. Price \$15.00 F. O. B. Vineland. Shipping weight, 18 lbs.

BOOKS ON DAHLIAS

MODERN DAHLIA CULTURE—By W. H. Waite. Written to meet the needs of the novice and to interest the expert. 126 pages of clear type, well illustrated. Cloth binding. The best book to date. \$1.60 postpaid.

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To properly observe our 20th year with dahlias we offer the following collections in tubers, postpaid.

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12 fine varieties tagged. A good assortment of types and colors. No Singles or Poms. The greatest value ever offered. Only one collection to a customer or with each \$10 in trade.

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Kalif
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J. Otto Thilow
Laddie
Paul Michael
Snowdrift
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Venus

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Mrs. Jas. A. Babbitt
Mrs. John M. Root
Rosa Nell

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Albion
Autumn Queen
Cal. Enchantress
Cal. Superba
Daddy Butler
Fordhook Profusion
Mrs. John T. Scheepers
Myra Valentine

POSITIVELY NO CHANGES IN THESE COLLECTIONS

GLADIOLI

The varieties we are listing have been selected to meet the requirements of the most exacting cut flower market and should give the greatest satisfaction when grown in your garden. They are strong bloomers with straight spikes, flowers set close and of the pleasing bright shades. A very popular and easily grown summer flower.

All bulbs listed are 1½" in diameter and over. Shipped prepaid, except hundred rates West of the Mississippi. 6 at dozen rates, 25 at 100 rates.

AMERICA—Large delicate flesh pink. Fine for cutting or bedding.

3 for 20c; 12 for 75c; 100 for \$5.00

ALBANIA (Kemp)—Color the purest glistening white. Flowers 4 inches and better, set just right for an ideal cut flower. Five flowers open at a time and a splendid keeper when cut. Petals with rounded tips and finely ruffled.

.20c each; 12 for \$2.00

ALICE TIPLADY (Prim)—Beautiful soft coppery bronze. Flowers large and of splendid form. Very early.

3 for 35c; 12 for \$1.25

ANNA EBERIUS—Fine dark velvety purple, throat darker. Flowers of good substance, open wide on strong spikes. Very much admired.

3 for 45c; 12 for \$1.50

CHARLEMAGNE—Color, sunrise red, flaked darker and marked with creamy white blotches, heavily dotted with purple carmine. Flowers very large on massive spikes.

.30 each; 12 for \$3.00

CRIMSON GLOW—A glowing velvety crimson scarlet shading deeper in the center. Large open flowers on strong spikes. A good grower.

3 for .45; 12 for \$1.50

EARLY SUNRISE—Good cutting variety of deep orange salmon with yellowish blotch on lower petals.

.20 each; 12 for \$2.00

E. J. SHAYLOR—Beautiful deep rose pink. A large cut flower of the ruffled type.

3 for .45; 12 for \$1.50; 100 for \$10.00

EVELYN KIRTLAND—This splendid large variety has wonderful substance. Flowers slightly fluted and many open at one time. Color, rose pink at edges passing to shell pink with fiery red blotches on the lower petals.

3 for .30; 12 for \$1.00; 100 for \$6.50

FAIR COLUMBIAN—Tall vigorous grower. Pure lilac, shaded deeper at center. A good keeper and a fine cut flower.

.20 each; 12 for \$2.00

GOLDEN MEASURE—This handsome rich yellow produces strong spikes well filled with large flowers. The best yellow grown.

.20 each; 12 for \$2.00

GRETCHEN ZANG—Beautiful soft pink with scarlet markings.

3 for .30; 12 for \$1.00

GLADIOLI—Continued

- HALLEY**—Large well opened flowers of delicate salmon pink, very early and popular.
3 for 20c; 12 for 75c; 100 for \$5.00
- HERADA**—A splendid variety of pure mauve with deeper markings. Fine for florists' use.
3 for 20c; 12 for \$1.00
- IDA VAN**—Straight spikes and a good keeper. Color, salmon red.
3 for 20c; 12 for 75c; 100 for \$5.00
- LEIBESFEUER**—Evenly placed flowers on strong spikes. Color, bright scarlet.
.20 each; 12 for \$2.00
- LE MARECHAL FOCH**—The same soft flesh pink color as America but larger and better. The heavy spikes are well filled with massive flowers. A strong grower and a popular variety.
3 for 25c; 12 for 85c; 100 for \$6.00
- LILY WHITE**—Large open lily-like flowers of pure white. A fine early grower on long spikes. One of the best.
3 for 30c; 12 for \$1.00; 100 for \$6.50
- L'IMMACULEE**—A charming variety of pure white with lavender traces. Long spikes. Good for cutting.
3 for 45c; 12 for \$1.50
- LOUISE**—Wide open flowers on strong spikes. Orchid lavender with deeper blotch in throat.
3 for .45; 12 for \$1.50
- LOVELINESS**—Dainty flowers of salmon pink with a touch of yellow in the throat. Tall strong grower producing wonderful spikes.
3 for 60c; 12 for \$2.00
- MAIDEN'S BLUSH (Prim)**—Delicate shell pink flowers of good form. A prolific grower and bloomer. The best pink of this type.
3 for .30; 12 for \$1.00; 100 for \$6.50
- MARY PICKFORD**—One of the dainty newer varieties. A creamy white with a soft canary throat. Flowers large and well expanded.
3 for .45; 12 for \$1.50; 100 for \$10.00
- MISS HELEN FRANKLIN**—Fine large ruffled white with violet stripes and shadings. A rather dwarf grower producing fine heavy spikes.
3 for 45c; 12 for \$1.50
- MRS. DR. NORTON**—Silvery white shaded soft pink, deepening toward the edge of petals, with creamy blotches in throat. A tall grower, good for cutting.
3 for .30; 12 for \$1.00; 100 for \$7.50
- MRS. WATT**—A beautiful rich deep red.
3 for 30c; 12 for \$1.00; 100 for \$6.50
- 1910 ROSE**—Beautiful bright pure rose pink with narrow white stripes on lower petals.
3 for 60c; 12 for \$2.00
- ODIN**—A new variety as early as Halley, similar in form, but a bright salmon pink with deep carmine blotch. Large flowers on strong spikes. Good for cutting.
3 for .45; 12 for \$1.50
- PEACE**—Tall graceful spikes. Beautiful flowers of pure white with a touch of carmine.
3 for 30c; 12 for \$1.00
- SCHWABEN**—One of the best and most popular, light yellow with a distinct crimson blotch. A free bloomer with massive spikes.
3 for 25c; 12 for 85c; 100 for \$6.00
- SOUVENIR**—One of the purest golden yellows. Large beautifully shaped flowers on tall spikes.
3 for .45; 12 for \$1.50; 100 for \$10.00
- VENUS**—A very early cut flower. Lovely cream white shaded light pink. As early as Halley. Flowers are large and rather flat.
.20 each; 12 for \$2.00
- 1 each of the above 32 varieties, unlabeled, for \$3.75; postpaid.
3 each of the above 96 bulbs labeled, for \$10.50; postpaid.
6 each of the above 192 bulbs, labeled, for \$18.50; postpaid.

Dahliadel Glad Mixture

Is made from all good standard cut flower varieties and comprises a well balanced color assortment.
12 for \$1.00; 100 for \$6.50

PICK UP MIXTURE. A good mixture, possibly not as well balanced in colors.
12 for .75; 100 for \$5.00

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DAHLIADEL NURSERIES

WARREN W. MAYTROT

Vineland, New Jersey

EASTERN STAR
(DAHLIADEL)