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1891

No. 12.

JAMES R. PITCHER.

W. A. MANDA.

Descriptive Catalogue

OF

Chrysanthemums

AND

Single Dahlias

The United States Nurseries,

SHORT HILLS,
New Jersey,
U. S. A.

Cable Address,
Pitcher, New York.

European Branch,
HEXTABLE,
SWANLEY, KENT,
England.

Cable Address,
Manda, Hextable.

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JANUARY 1891.

THE United States Nurseries are situated in Short Hills, N. J., on the D., L. & Western R. R., only seventeen miles from New York City. Frequent trains leave from foot of Christopher or Barclay street.

We are pleased to see visitors at any time. A personal visit will facilitate selection of plants and afford an opportunity of seeing the extent of our Nurseries.

TERMS: Accounts are made up monthly. Our patrons are requested to remit by checks, express, or P. O. Money Orders on New York Post Office, or currency in registered letters, as we can not be responsible for moneys sent in unregistered letters. From UNKNOWN correspondents either a remittance or reference is requested with each order.

NO CHARGES are made for boxes, packing or delivery to the railroad or express office. All plants are carefully packed and may be forwarded safely to any part of the globe.

ORDERS are solicited at as early a date as possible, that we may have ample time for their execution. Please write plainly Name, Post Office, Express Office, and any other necessary information as to the best method of forwarding.

ADVICES OF SHIPMENT, together with the invoice, are sent the same day goods are forwarded.

COMPLAINTS, if any, should be made on receipt of goods; we promise prompt and just treatment of all claims presented. (We guarantee safe arrival of Plants sent by Express, but do not assume any responsibility if sent by Freight.)

HEAD GARDENERS AND ASSISTANTS. We have on our register names of several practical and trusty men for above positions, and will be happy to recommend them to any lady or gentleman requiring their services.

Chrysanthemums.

WITH each recurring year the interest in this flower and the number who are engaged in its cultivation steadily increases, and with each year it becomes more worthy of the interest it excites. New and striking varieties are continually appearing, and the old varieties show finer plants and handsomer flowers. Coming as they do when few other flowers are in bloom, Chrysanthemums would be popular were their other claims to general favor less strong than they are. As it is, their great variety of color and shape, their availability for cut flowers and exhibition purposes, secure for them a general attention which would scarcely be lessened if they bloomed at a time when a thousand others were competing with them for popular favor.

A more striking spectacle is seldom shown than that presented in our green-houses last fall when 1,500 of these plants were in bloom at one time showing almost every imaginable color and shade from the creamy white of that queen of Chrysanthemums, the "Mrs. Alpheus Hardy," to the deep crimson maroon of the "Edouard Audiguier" or the rich chestnut brown of the "Edwin Molyneux."

In the naming of our Chrysanthemums we have taken great pains to insure correctness. Absolute accuracy seems almost impossible. The same variety is often designated by different names in different catalogues, and the same name is often used by different growers for different varieties. Whenever it has been necessary to choose between using a doubtful name in this catalogue or omitting a variety altogether, we have taken the latter alternative.

THE CULTURE OF CHRYSANTHEMUMS is very simple; the main point is that after the cuttings are rooted, for which February is the best time, the plants should never be allowed to receive any check, but be kept in continuous growth. Care should be taken that they do not become pot-bound, or suffer from want of moisture, especially when grown in pots the whole season. Manure water should be applied as soon as the plants become well rooted, after the last potting.

If plants are grown out of doors, they may be planted out in May, potted in September, before bringing them in for protection against frost.

To secure large exhibition blooms the buds must be thinned and only a few flowers allowed to each plant.

THE NEW SET OF 1891.

The following varieties have been raised at the Nurseries, and constitute a fine addition to the large number previously grown. We will offer good strong plants the 1st of March at the following prices :

Single Plants..... \$1.00.

The set of 12 Plants..... 10.00.

ASTORIA (131). Stout grower, perfectly double, petals irregularly twisted in every direction, good substance ; deep rose pink color.

ATLANTA (165). Fine high flower, with loose somewhat twisted petals, of good substance ; beautiful delicate mauve color.

COLORADO (287). Fine high flower with very broad flat petals ; light chrome yellow color.

DELAWARE (185). Large flower, very double, anemone centre ; color white, light pale yellow near the centre. The best anemone variety.

DR. CHAS. BRIGHAM (218). Large full flower, flat petals ; color pure white. Fine grower.

JOHN DYER (184). Good strong grower, broad petals of extra substance, perfectly double ; color chrome yellow striped entire length of petals with fine red lines.

JOSEPHINE SCHLICHT (118). Good sized flower, rather flat, showing centre ; color white in centre, beautiful pink around the edges. Very light and beautiful variety.

MICHIGAN (202). Double flower of rich magenta color ; very floriferous.

ONTARIO (167). Fine incurved flower, showing centre ; bright chrome yellow color. Very free flowering.

OSWEGO (163). Good stiff stem, fine double flower ; creamy white color tinged with lemon yellow in the centre.

TYRO (80). Good stout grower, high flower, very broad petals of light fawn color.

W. W. LUNT (84). Large, massive, double flower, lemon yellow color ; very effective.

Early orders solicited.

THE SINGLE SET.

The majority of the numerous visitors who visited our Chrysanthemum show at Short Hills admired these beautiful varieties, and at their request we offer a set of 15 of the finest, selected from several hundreds. They are very useful, especially for pot plants, as they are much more easily grown, and produce the flowers in great abundance.

The following varieties will be sent out the 1st of March at the following prices :

Single Plants..... 85c.

The set of 15 Plants.....\$10.00.

CATAWBA (133). Single flower with curiously shaped and cut petals, large and strong growing ; rose pink color.

CHICOPEE (240). Very large flower, composed of flat petals. The colors are magenta inside, while the outer side is fawn color.

COHASSET (161). Semi-double flower, tubular flowers opening at the ends ; color deep pink on the inside, light Naples yellow on the outer side and edges of petals.

DAISY (130). Fine single flower of pure white color, very symmetrical and artistic shape.

JUMBO (310). Enormous large flower with long tubular petals, showing centre ; fawn color, light red at the ends.

MARIPOSA (85). Semi-double, very early floriferous variety ; light chrome yellow color.

MINERVA (136). Single flower, composed of needle-like tubular petals ; light pink color, ends of petals a deeper shade of pink.

MORAVIA (222). Loose single flower, white in centre and graduated into light mauve tint.

MRS. G. B. TOPHAM (215). Very large semi-double flower, broad petals ; color white, tinted on the edge with lavender.

ORIZABA (246). Large, massive flower, showing centre ; good stiff petals of bright chrome yellow color.

STELLA (450). Fine flower with long pointed petals of beautiful soft rose color.

TUSCOLA (363). Semi-double flat flower, long spatulated, tubular petals, very delicate light yellow color.

ULYSSES (97). Flower opening flat and incurving afterward, large yellow eye, growing on stout stems, color magenta, outer side deep lilac.

WASHITA (207). Semi-double flat flower, long spatulated, tubular petals ; deep chrome yellow color.

WICHITA (148). Single deep rosy pink ; very free.

Early orders solicited.

LOUIS BOEHMER. One of our introductions of last season. It closely resembles the Mrs. Alpheus Hardy, except in color, which is deep pink inside and silvery pink or lilac on the outside. This variety is a strong grower, and quite an acquisition to the new type of hairy Chrysanthemums.

Single Plants, 60c. Dozen, \$6.00.

THE FRENCH COLLECTION.

The following varieties are a selected number of the French novelties, said to be the finest ever raised in France. We have not seen either of them in bloom, and have to take them at the raiser's description, of which we give a short account.

Price 50 cents each.

The set of 26 varieties for \$10.00.

CHINESE.

- AMI HOSTE. Large flower with broad petals of yellow brown striped with carmine.
- MLLE. CAMILLE RICHARD. Large flower, imbricated, of light rose color with centre of old gold.
- MME. DELOBEL. Flower broad, purple mixed with brown and old gold.
- MME. FERDINAND BERGMAN. Broad petals of white color with creamy center.
- SABINE MEA. Large globular flower of a beautiful golden yellow color.

JAPANESE.

- ALBERIC LUNDEN. Large flower with recurved petals of rich crimson.
- CESARE COSTA. Large flower, broad petals of a reddish color.
- CLEOPATRE. Broad petals of a chamois color, shaded with rose.
- EDOUARD LEFORT. Flowers composed of spiral petals, rich purple tinged with white.
- GASTON MENIER. Broad petals of brick red color.
- JULES TOUSSAINT. Very large flower, broad petals of a carmine color, silvery underneath.
- MASSALIA. Broad petals of a deep red color.
- MEYERBEER. Dark purple with violet shading, large flowers of a spiral form.
- M. BOURGUIGNON. Large round flower of a deep crimson color.
- M. HARRY LAING. Tubular petals of light rosy color, with golden centre. Early variety.
- M. H. DE FORTANIER. Very large flower, broad petals of a garnet red color.
- M. R. OWEN. Large flower with twisted petals of a white color shaded with rose.
- MME. MARIE HOSTE. Broad petals of creamy color, slightly bordered with rose.
- MME. MARIE MAWET. Flower deep yellow, shaded and spotted with red.

MME. ALFRED CARRIERE. Broad petals of milky white color, good globular flower.

MME. ED. LEFORT. Laciniated petals of reddish color, pointed with yellow.

MME. LA CTESSE FOUCHER DE CAREIL. Rich brilliant orange shaded with red.

MME. LEON COLLIN. Orange yellow flower, shaded red.

ROSE LAING, Violet crimson petals, outside color silvery. Early variety.

SECRETAIRE-GENERAL CASSVGNEAU. Flower very large, petals white shaded with rose.

VICE-PRESIDENT AUDIGUIER. Flowers very large with broad petals of a soft rose color, with white points.

Any new set from other growers will be supplied at their catalogue prices.

BEST VARIETIES FOR EXHIBITION PURPOSES.

ROHALLION.....	\$0.50
MRS. HICKS ARNOLD.....	.50
JAMES R. PITCHER.....	.50
ETOILE DE LYON.....	.75
JOHN LANE	.50
HARRY E. WIDENER.....	.50
WILLIAM H. LINCOLN.....	.25
BOHEMIA.....	.50
CORTEZ.....	.25
SHASTA.....	.50
L. B. DANA.....	.25
MRS. GRACE HILL.....	.75
The above 12 varieties, amounting to \$5.75, for \$4.00.	
MRS. ALPHIEUS HARDY.....	.25
EDWIN MOLYNEUX.....	.25
ALASKA.....	.25
ADVANCE.....	.25
ITHACA.....	.50
MRS. LIBBIE ALLAN.....	.50
MISS MEREDITH.....	.50
MRS. FOTTLER.....	.25
EXCELLENT.....	.25
RAMONA.....	.25
VIOLET ROSE.....	.25
JEAN HUMPHREY.....	.50
LILIAN B. BIRD.....	.25

The above 25 varieties, amounting to \$10.00, for \$7.00.

EARLY FLOWERING COLLECTION.

MRS. HICKS ARNOLD.....	\$0.50
MME. LACROIX.....	.25
ROHALLION.....	.50
PRES HYDE.....	.20
GLORIOSUM.....	.15
L. B. DANA.....	.25
CAPUCINE.....	.25
TYNDARE.....	.25
SOLIEL D'AUTOMNE.....	.25
MAGICIENNE.....	.25
MME. LOUIS LANGLOIS.....	.25
FLORA FEWKES.....	.25

The 12 early varieties, amounting to \$3.35, for \$2.75.

LATE FLOWERING COLLECTION.

WILLIAM H. LINCOLN.....	\$0.25
LILIAN B. BIRD.....	.25
JOHN LANE.....	.50
CULLINGFORDII.....	.15
GRANDIFLORUM.....	.15
W. W. COLES.....	.25
CRYSTAL WAVE.....	.25
PELICAN.....	.25
BOHEMIA.....	.50
CORTEZ.....	.25
MRS. LIBBIE ALLAN.....	.50
VIOLET ROSE.....	.25

The 12 late varieties, amounting to \$3.55 for \$2.75.

COLLECTIONS.

12. Our new set of 12.....	\$10.00
15. Our new set of 15 singles.....	10.00
1. LOUIS BOEHMER.....	.60
26. The French Collection.....	10.00
6. Best incurved (our selection).....	1.00
12. Best incurved (our selection).....	2.00
25. Best incurved (our selection).....	4.00
47. The entire list of incurved.....	7.00
6. Best Japanese (our selection).....	1.00
12. Best Japanese (our selection).....	2.00
25. Best Japanese (our selection).....	4.00
50. Best Japanese (our selection).....	8.00
234. The entire list of Japanese.....	35.00
6. Best reflexed (our selection).....	1.00
12. Best reflexed (our selection).....	2.00
19. The entire list of reflexed.....	3.00
6. Best Anemone (our selection).....	1.00
12. Best Anemone (our selection).....	2.00
16. The entire list of Anemone.....	2.50
11. The entire list of Pompons.....	.75
386. The entire list as per catalogue.....	65.00

General Collection.

SECTION I.

INCURVED.

Characteristics.—The varieties belonging to this section are distinguished by the globular form and regular outline of the flowers. The incurved flower should be as nearly a globe as possible, the florets broad, smooth, regularly arranged, rounded at the tip, and the color clear and decisive. A hollow centre or prominent eye is a serious defect, as also is a roughness in the flowers or unevenness in outline, or a want of freshness in the outer florets. They are all more or less vigorous in growth, and range from four to seven feet in height when grown without stopping or training.

EACH

ADA SPAULDING. Fine incurved pink	.50
ADIRONDAC (H. P. Walcott). Chinese incurved, strong growing plant, producing an abundance of large white flowers; grand variety	.25
ALASKA. White Chinese	.25
BELLE POITEVINE (Brt.). Large incurved spherical flowers, pure white, very free flowering variety	.35
BELLE HICKEY. Chinese, large incurved, pearly white, fine for exhibition, medium variety	.50
BRONZE QUEEN OF ENGLAND (Carter). 1886, bright bronze-brown, tinted rose, large	.20
C. H. GLOVER	.25
CASTOR (Del.). Flowers large, incurved, blood red, golden centre	.15
CHARLES GIBSON (Mizen). 1887, deep bronze-red	.25
CHERUB (Smith). 1862, orange, tinged rose-bronze	.15
DUCHESS OF MANCHESTER. White, tinted blush	.15
FAUST (Pethers). 1867, dull, crimson	.15
FLORA MACDONALD. Sulphur white, very fine	.50
GEORGE GLENNY. Pale primrose, very fine	.25
GOLDEN EMPRESS OF INDIA (Loader). 1877, SYN BRUCE FINDLEY, pale yellow, very large, with broad finely incurved florets, mid-season, tall, suitable for specimens, but high culture is necessary to ensure the perfect development of the flowers upon specimens	.15
H. SHOESMITH, Bronzy-yellow, Chinese, incurved	.25
HELEN OF TROY. This has proved to be a very fine variety, color deepest rose, flowers large	.25
HERO OF STOKES NEWINGTON. Rose-pink	.15

	EACH
IOWA. Chinese; fine perfect formed flower, white tinted mauve at the ends. Stems are stout, being covered with foliage up to the flower.....	.50
ISABELLA BOTT (Pethers). 1867, pearly white, tinted rose..	.25
IVORY. Pure white, Chinese.....	.25
JARDIN DES PLANTES (J. Salter), 1859, deep golden yellow.	.15
JEANNE D'ARC (Lacroix), 1881, blush-white, tipped purple, large, very deep, with broad finely incurved florets.....	.15
J. H. BRADBURY. Deep crimson, tipped yellow, reflexed flowers in style of Duchess. An excellent variety.....	.35
KEARSARGE. Chinese; flowers light mauve, supported on stiff stems well furnished with foliage.....	.50
LADY ST. CLAIR, SYN. EMPRESS OF INDIA.....	.20
LORD WOLSELEY (Orchard), 1883, bronzy-red, rather large.	.25
MALIBRAN (Del.), clusters of large flowers of soft rosy color, early variety.....	.25
MALABAR (H. P. Walcott). Chinese incurved, medium-sized flower, pink tinted, deep violet, regular in shape and incurved	.25
MR. JAMES LANG. Yellow, tinted orange.....	.10
MRS. HEALE. Pink.....	.15
MRS. JAMES R. PITCHER. White, Chinese, fine.....	.25
MRS. NORMAN DAVIS. Rich golden yellow.....	.25
MRS. SAM. HOUSTON. Large Chinese incurved, of pure white color.....	.25
MISS ANNIE HARTSHORN. Chinese incurved, large pure white, double	.25
NIL DESPERANDUM (Smith), 1862, dark orange-red, large..	.15
NOVELTY (Clark), 1860, blush.....	.15
ONEIDA. Chinese. Full flower, of a fine light pink color...	.50
P. MALLEY (Malley), A beautiful sport of Mrs. SHARP. Of same shape but brilliant deep colored flowers.....	.25
PAULINE. A superb variety, of the most delicate peach pink; of great size and globular in form.....	.35
PRESIDENT LAVALLE. Incurved, deep reddish brown, shaded purple, reverse of petals bronze, flowers of immense size; suitable for exhibition purposes.....	.35
ST. PATRICK (Davis), 1863, bronze-red.....	.15
VENUS (J. Salter), 1863, lilac, suffused with pink.....	.15
VIRGINIA. Chinese, of a delicate rose madder color, perfect flowers produced on stiff stems well clad with foliage up to the flower.....	.50
VIRGINALIS. Pure white, very late, incurved.....	.25
WM. W. SHIPMAN.....	.25
WHITE VENUS (Shrimpton), 1872, pure white.....	.15

SECTION II.

Japanese.

Characteristics.—No definition can be given to include all the remarkable variations of form found in the Japanese Chrysanthemums cultivated at the present time. The majority of the leading varieties are so distinctly marked, that nearly every one would require a special definition, though the general range of characters can be indicated. Without regarding the colors, which, however, are much more diversified, brighter and richer than the incurved or any other section, the forms of the florets and blooms furnish ample means for distinguishing the principal types. In all well-developed Japanese blooms the short tubular disc florets are absent, their place being taken by florets, either flat, fluted, quilled or tubulated, of varying length, from short, straight spreading florets, to long drooping, twisted, or irregularly incurved ones.

In breadth they also vary greatly, ranging from some an inch in breadth to others scarcely larger than stout thread; some also either have the tips of the florets cupped, hollowed, or curved upwards, or they are strangely lacerated.

	EACH
ADVANCE. Japanese incurved, fine, large, well-formed.....	.25
ADMIRATION. Lilac white centre.....	.15
ALBUM PLENUM. Creamy white.....	.15
ALCION. Purple red.....	.15
ANNIE THORPE. Blush white.....	.15
ARIZONA. Dwarf, stiff grower, tubular petals incurving in the centre, light chrome color.....	.50
AVALANCHE. Large Japanese fine double flower, composed of broad white petals.....	.50
BARONALD. Large fine flowers of a rich deep red color, shaded golden bronze.....	.25
BARONNE DE PRAILLY. Pale rose blooms of great size..	.15
BEN D'OR. Pure golden yellow.....	.25
BETTINA (De Rey). Long petals of clear orange color.....	.25
BOULE D'OR (Bernard), 1882, rich yellow, tinged with bronze, large, florets broad, long, curled or twisted.....	.25
CAPUCINE (Roz). Incurved petals, grand early variety.....	.25
CARRIE DENNY. Clear amber, entirely distinct from anything else in cultivation. A most novel and striking color. Comes in large, spherical balls, incurving and slightly whorled....	.50
CHARLES A. REESER. A novel and peculiar shade of color, quite distinct; a pink; a fine recurved rosy pink, with lighter shadings.....	.50

	EACH
CHARLES PRATT. Maroon ; fine flower.....	.25
CHARLES SOUCHET (Del.). Very large flower, rose-violet..	.25
CHARLES DELMAS. Brick-red.....	.20
CHARLOTTE DE MONTCABRIER. Silvery rose.....	.20
CHRISTMAS EVE. Pure white, medium, twisted florets ; very late	.15
CLARA RIEMEN Certificate of merit by the National Chrysanthemum Committee at Indianapolis show. A rich lavender rose in color, shading to silvery rose, with a white centre. A very large open surfaced flower of fine texture.....	.25
CLARENCE BRYANT. Yellow Japanese.....	.25
COLLOSAL (Waterer). Probably the largest of all Chrysanthemums ; in form somewhat flat, with tips of petals incurved ; color pearl-pink, changing to blush. A December blooming variety.....	.25
COMTE DE GERMINY (Veitch), 1881, nankeen-yellow.....	.15
CORTEZ (H. P. Walcott). Japanese incurved, large incurved flowers with broad stiff petals of mahogany color inside, lighter on the outside. Awarded first-class certificate by the Massachusetts Horticultural Society.....	.25
CONQUETE (Brt.). Fine effective plant, with Indian red flowers.....	.25
C. WAGSTAFF. White.....	.15
CROWN PRINCE. A splendid improvement on Mrs. C. H. Wheeler.....	.50
CRYSTAL WAVE. Fine white variety ; very late.....	.25
CY THERE (Del.). Large petals, amaranth, purple color, shaded with brown.....	.35
DELE. Dull-red and yellow.....	.15
D. J. QUINTON.....	.25
DR. JEANBERNAT (E. Lac). Very large and fine flowers of deep fiery red color.....	.35
DR. STEGGALL. Brown-red and gold.....	.20
DUCHESS. Rich deep red, each petal tipped with golden-yellow. The flowers are very large, in dense clusters.....	.25
DUKE OF BERWICK (Delaux), 1887, creamy white, splashed or striped rosy purple.....	.25
EDOUARD AUDIGUIER (Baco), 1886, deep rich crimson-maroon, shaded purple, silvery reverse, one of the darkest colored Japanese varieties.....	.25
EDWIN MOLYNEUX (Cannell), 1886, a most distinct variety, rich chestnut-crimson, golden reverse, large bloom, florets very broad, cupped or incurved at the points, mid-season, dwarf and strong in habit. Introduced from Japan.....	.25

EACH

EDWIN H. FITLER. Rich brilliant yellow, slightly streaked with red, giving it a somewhat bronzy appearance, without detracting from its unusual brightness ; of distinct symmetrical form and great substance.	. 25
EDWIN LONSDALE. Probably the darkest variety in cultivation. Flowers of immense size, thoroughly double, and of the same shape as Mrs. G. Bullock. The whole flower has a fine velvety appearance. The plant has good habit and is a fine grower.	. 50
E. G. HILL. Very large and fine flower, yellow with red shading ; an excellent variety.	. 35
ELAINE. Fine white.	. 15
ELLIOT F. SHEPARD. Japanese, very large flowers, petals broad and ribbon-like, of beautiful lemon yellow color. . . .	. 50
ENCHANTERESSE. Rose, lightened violet.	. 25
ETOILE DE LYON. White changing to purple	. 75
EXCELLENT. Large Japanese, pink rose, fine for exhibition or cut flower purposes.	. 25
FRANK WILCOX. Erect, petaled flowers, slightly toothed, above medium size, rich golden amber, slightly shaded, deep bronze, lasts for a month.	. 15
GIPSY. A very large, flat, incurved flower of bright mahogany color, distinct from any in cultivation.	. 50
GLORIOSUM (Waterer), 1885, varying from orange to golden yellow.	. 15
GOLD.	. 25
GRANDIFLORUM, 1863 (SYN. MR. BARNES). Golden yellow, very fine.	. 15
GRAND MONGUL. White tinted rose.	. 50
GEORGE McCLURE. Purple shaded amaranth.	. 20
G. F. MOSEMAN. Incurved, buff without, bright terra cotta within.	. 15
GLOIRE RAYONNANTE. Rose.	. 15
HAMLET (Reydellet). Reddish-brown and yellow.	. 15
HARMAN PAYNE (L. Lac.). Very large flower.	. 15
HARRY E. WIDENER. Winner of the Blanc prize at the Philadelphia show, November last, "for the best seedling plant." Bright lemon-yellow in color, without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support ; incurving, forming a large rounded surface ; petals [crisp and stiff ; very free in growth, but not coarse. This is THE cut flower variety, and all that could be desired in the way of good color, fine form and lasting qualities. . .	. 50
HOGARTH. White and rose.	. 15

	EACH
HURON (H. P. Walcott). Japanese, large flowers of delicate mauve florets, tubular, dilated at extremities and incurved. Awarded first-class certificate by Massachusetts Horticultural Society.....	.35
H. WATERER (Waterer). The best of the late varieties, of enormous size, yellow, slightly suffused with coppery-red in the centre.....	.15
IDALIE (Del.). Deep carmine color, early variety.....	.20
INDIANA. Japanese, large flat flowers, showing the centre of a rich crimson lake color.....	.50
IONA. Reflexed flower made of tubular deep rose petals. Stems stiff, covered with foliage up to the flower.....	.50
IROQUOIS. Japanese, large flowers, petals tubular, flat at the ends, magenta red, showing off the nankeen yellow centre..	.50
ITHACA. Japanese, flowers full, outside petals tubular, rose color.....	.50
JAMES R. PITCHER. Rose color, Japanese, reflexed.....	.50
J. COLLINS. Coppery-bronze.....	.25
JEAN DELAUX. Brick-red.....	.25
JENNIE Y. MURKLAND. Most distinct, very large, having a flat surface from which project long tubular petals, rich golden yellow, shaded apricot; a superb variety.....	.25
JEAN HUMPHREY. Japanese, large flowers of a fawn color, outer petals long tubular with spatulate ends, the inner incurved of a fawn color.....	.50
JOHN THORPE. Eight and a half inches in diameter, long broad petals except under row, which contains a few tubular ones, color richest deep lake, a new shade in Chrysanthemums; a very early and vigorous grower.....	.20
JOHN LANE. A magnificent pink ball in appearance; fine for pots, splendid for cutting. Color, a rose pink, with peach or light shadings on under side of petals, ends of centre petals tipped with gold. Flowers borne on long, stiff, stout stems.....	.50
KABAZAMIA. Japanese, of large crimson maroon, fine for sprays, medium early.....	.25
KANSAS. Japanese, petals drawn together at the ends as if bunched, color sulphur yellow.....	.50
KIOTO. Large incurved flower of deep yellow color.....	.25
LADY EMILY. White.....	.15
LADY TREVOR LAWRENCE. (Syn.) Mrs. Beale. White.....	.25
LA FORTUNE. (L. Lac.), petals large and long, golden yellow.....	.25

	EACH
LANDON HUMPHREY. Japanese, flowers of the same shape as Ithaca, but much deeper rose color; a showy variety....	.50
L. B. DANA. A very fine early flowering variety.....	.25
L. CANNING. Fine double flower composed of long and broad pure white petals; very free grower.....	.25
LE CTE FOUCHER DE CARIEL (Del.), flowers violet.....	.25
LEDA (Del.), narrow petals, twisted, rose colored, with carmine....	.15
LE DAUPHINOIS, bright yellow, shaded to golden yellow; fine.....	.25
LEOPARD, Indian-red, spotted yellow, fine variety.....	.25
L'EVENEMENT, rose and white.....	.15
LE REVEIL, reddish-salmon.....	.25
LE TONKIN, white and rose, fine.....	.20
LILIAN B. BIRD. Came in the same set with Mrs. Hardy, of the very largest size, with full, high centre; petals tubular and of varying lengths.....	.25
LIZZIE GANNON, double Japanese reflex flowers, medium size, each flower is straight, but folded backward at the edges, color orange-yellow.....	.25
LORD TRURO, reddish yellow.....	.15
LOUIS LANGLOIS (Del.) Petals half tubular, of red-brown and old gold.....	.20
LUCIEN BALTET. Purple.....	.25
LUCRECE.....	.15
MACBETH. Yellow and orange.....	.15
MAGNET. Pink Japanese.....	.50
MAGICIENNE (Brt.) Large spreading flowers, tubular petals of chamois color; early variety.....	.25
MALIBRAN. Soft rose, changing to white, early.....	.25
MEDUSA. Japanese, with long threadlike petals of white color. One of the most distinct Chrysanthemums.....	.25
MISS MARY WHEELER. Pearly white, the petals delicately tinted on outer edge with pale pink; of exquisite form; a good grower and very profuse bloomer; very beautiful.....	.25
M. A. DE LEAU. White.....	.15
MAIDEN'S BLUSH. White suffused with pink.....	.25
MARGUERITE. Rose-purple, fine.....	.15
MARGUERITE MARROUCH (Marrouch), 1878. Crimson, florets broad, flat, straight, or slightly drooping, edged with yellow, early and medium height.....	.15
MARVEL. Probably most distinct Chrysanthemum ever introduced, and will doubtless be the parent of many beautiful and distinct kinds, flowers large, of perfect shape, color white, with a large maroon spot in centre, a great acquisition.....	.25

	EACH
MODEL. Large full flower of the finest shade of deep pink color not unlike Grace Wilder carnation. One that will become very popular.....	.50
MOHAWK. Japanese, large red flowers, rather flat.....	.50
MOLLY BAWN. Those acquainted with Syringa will need no word of praise for its sport—Molly Bawn. It is pure white, having been grown two years, which shows its color to be fixed.....	.50
MONADNOCK (H. P. Walcott.) Japanese, flower full, consisting of bright yellow tubular florets, resembling "Gloire Rayonnante" in form; plant low growing and spreading. Awarded silver medal by the Massachusetts Horticultural Society.....	.25
MOONSTONE (H. P. Walcott.) Japanese, large irregular flat flower, with broad silver white pointed petals.....	.25
MONTEZUMA (H. P. Walcott.) Japanese incurved, large flower, the incurved petals light red on inner surface, yellow, striped red on outer surface; are long, stiff, broad and incurve showing yellow centre.....	.25
MONTAUK (H. P. Walcott.) Japanese, deep crimson maroon, flat petals, showing small yellow centre, flower quite large. Awarded first class certificate by Massachusetts Horticultural Society.....	.50
MONT BLANC. White Japanese.....	.25
MONS BERNARD. Purple.....	.25
MR. C. ORCHARD (Cannel), 1886. Chestnut red, shaded with gold, florets long, broad and spreading.....	.25
MR. H. CANNELL (Cannell), 1886. Deep lemon, large, full, handsome bloom, after the style of Thunberg.....	.25
MR. RALPH BROCKLEBANK (Winkworth), 1886. A beautiful yellow sport from Meg Merrilies.....	.25
MISS MARY WEIGHTMAN. A magnificent and very distinct chrome yellow, in form loose and feathery, but very large and full. Flowers ten inches across. Early.....	.25
MISS MINNIE WANAMAKER. A fine creamy white, incurved flower, forming a perfect ball and quite distinct from any white Chrysanthemum in cultivation, of a free and dwarf growth.....	.25
MISS MEREDITH. Fine pink incurved.....	.50
MINNEWAWA. Incurved Japanese, large flowers of fine mauve color, good stiff stems and good foliage.....	.50
M. C. VARIN. Yellow.....	.25
MME. LACROIX. White, free bloomer.....	.25
MME. DREXEL. White, tinted rose.....	.50

	EACH
MME. BACCO. Soft rose.....	\$0.25
MME. LOUIS LANGLOIS. White, tinted rose.....	.25
MME BURNET.....	.20
MME CLEMENCE AUDIGUIER (Marrouch), 1879. Deep mauve, very large blooms, broad incurving florets.....	.25
MME. LASSALI. Amaranth and crimson.....	.20
MME. MARIE CLOS. Rosy pink.....	.20
MME. MOUYNET. White shaded pink.....	.15
MME. LOUISE LE ROY (Del.) Incurved flower, white, with creamy centre; very free flowering.....	.35
MRS. E. W. CLARK. Large incurved Japanese of a deep bronze color; a grand variety.....	.25
MRS. FOTTLER. Japanese incurved, fine soft rose; fine for cut flower or exhibition purposes.....	.25
MRS. IRVING CLARK. Pearly white on the margin, shading to deep rose in the centre, which is beautifully whorled; reflexed; very large and distinct.....	.25
MRS. LEVI P. MORTON. Of distinct and unique appearance; bright pink.....	.25
MRS. N. G. THOMAS. Very large incurved flower, having broad creamy white petals; a free growing variety.....	.25
MRS. LANGTRY. White Japanese.....	.25
MRS. J. J. BAILEY. White.....	.25
MRS. J. WRIGHT. White, large.....	.25
MRS. G. W. CHILDS. In shape like Comte de Germiny....	.25
MRS. T. C. PRICE. Fine yellow Japanese, one of the best..	.25
MRS. LIBBIE ALLAN. Japanese, incurved, well formed large yellow flower not unlike the "Mrs. W. K. Harris"....	.50
MRS. GRACE HILL. Japanese, incurved, of good form and substance, delicate blush color.....	.75
MRS. FRANK CLINTON. Very large, partly incurved flower canary changing to straw color. Very free flowering variety.....	.50
MRS. DE WITT SMITH (Pitcher & Manda.) Large incurved Japanese, flowers large, very double, outer petals beautiful soft rose, changing to white toward the centre; fine exhibition variety.....	.25
MRS. HICKS ARNOLD. Japanese, flowers very large and deep of beautiful soft rose color, dwarf grower, the stiff stems being covered with foliage up to the flower. The finest early variety in existence.....	.50
MRS. CHARLES DISSEL. A great improvement on Mrs. Frank Thompson, producing enormous perfectly incurved flowers varying from nearly white to deep lemon pink color. It has the same strong constitution as its parent, of which it is a marked improvement.....	.50
MRS. CORNELIUS VANDERBILT. Japanese, flowers very large, composed of a number of long petals of rose madder.	.25

	EACH
MRS. EDMUND SMITH. A beautiful, pure white, of an entirely new type of flower. Pure white, long narrow petals of great substance and lasting quality; petals beautifully interlaced; entirely new type.....	.50
MRS. C. H. WHEELER. Maroon red, Japanese, incurved...	.25
MRS. B. HARRISON. White Japanese.....	.50
MRS. JOHN FOGG. Yellow.....	.25
MRS. A. C. BURPEE. Yellow reflexed Japanese.....	.50
MRS. JESSIE BARR. White incurved; fine.....	.25
MRS. SLOPER. Japanese, long narrow twisted petals, old gold color.....	.25
MRS. W. K. HARRIS (Waterer.) Deepest rich golden.....	.50
MRS. A. CARNEGIE. Large red.....	.25
MRS. ANTHONY WATERER. This is an immense spreading flower which has been produced eleven inches across, the individual petals being one and a quarter inches across; at first very pale blush on outside, which tint it loses as it matures.....	.25
MRS. A. HARDY.....	.25
MRS. CASTLE. Creamy white, slightly tinted blush.....	.35
MRS. C. H. WHEELER. Immense, perfect shaped flowers outside petals orange, deep red centre, distinct and late....	.25
MRS. FRANK THOMPSON. Large, incurved with broad petals and mottled deep pink with silvery back, very distinct, flowers eight inches across.....	.15
MRS. G. BULLOCK. Pearly white flowers, very large and flat, very fine for exhibition purposes.....	.15
MRS. J. J. BAILEY- White.....	.25
MRS. J. WRIGHT. White, large.....	.25
MRS. G. W. CHILDS. In shape like COMTE DE GERMINY, outside petals white, dark rose inside, a magnificent variety.	.25
MRS. H. CANNELL (Cannell), 1886. Pure white, large handsome bloom, florets broad, sometimes quilled and much incurved.....	.25
MRS. JOHN PETIT. Six inches in diameter, rich crimson, centre petals terra cotta, incurved and whorled.....	.25
MRS. R. BRETT. Lemon yellow.....	.15
MRS. T. H. SPAULDING. Eight and a half inches in diameter, petals very broad and long, twisting and bending towards the centre; color purest snow white.....	.20
MRS. VANAMAN. Cherry red, very large and perfectly distinct.....	.20

	EACH
NARRAGANSETT (H. P. Walcott.) Japanese reflexed, clear white flower, full high centre, florets of centre partly tubular and laciniated. Awarded first class certificate by Massachusetts Horticultural Society.....	.25
NEESIMA. Japanese incurved, pure golden yellow flower; late variety.....	.25
NIPHON. White Japanese.....	.25
OSCEOLA (H. P. Walcott.) Japanese, quite large flowers of irregular shape with a great number of long twisted petals, narrow bright red on inner side, pale yellow on outer surface; very striking variety.....	.50
OCTOBER BEAUTY. One of the earliest varieties, flowering by October 1st, medium size, good substance and lasting, color at first dull pink, changing to white.....	.25
OLYMPE (Del.) Spiral flowers, rose salmon, early variety....	.25
ORMONDE. Orange red and yellow.....	.15
ORNEMENTS. Red and salmon.....	.15
PASSAIC. Japanese, flower loose, composed of white stiff standing tubular petals.....	.50
PELICAN (Boucharlat), 1885. Pure white, large blooms, long, broad, curled florets, cut at the tips, late, of medium height.....	.25
PETER THE GREAT (Carey), 1875. Lemon yellow, large blooms, flat, incurving florets, mid-season, tall, useful as a specimen.....	.15
PHILIPPE LACROIX (E. Lac.) Flowers very large, soft rose, changing to white in the centre; a grand variety.....	.25
PIQUAT. Japanese, dark red, curious tubular reflexed petals..	.50
PRESIDENT HARRISON. The most distinct Chrysanthemum for its color, which is salmon red outside and deep red inside. The flowers are very double, of immense size, and being a strong grower and free flowerer it will prove to be one of the finest Chrysanthemums in cultivation.....	.50
PRESIDENT ARTHUR. Immense, rose, flowers opening in whorls, measuring eight and a half inches across.....	.20
PRINCE KAMONTSKI. Large incurved, of the COMTE DE GERMINY type, inside of petals deep crimson, outer petals deep copper bronze, very free and fine.....	.25
PUBLIC LEDGER. Named after the LEDGER newspaper, and is a variety destined to continue a favorite for many years; it is the softest shade of pearly pink, of very large size, and is so much incurved as to resemble a ball.....	.25
PURITAN. Pure white, tinted with lilac, large, good habit, one of the finest for bush plants.....	.25

	EACH
RALEIGH. Japanese incurved, of a bluff color tinged with rose, the protruding middle petals are lemon yellow.....	.50
RAMONA (H. P. Walcott.) Japanese incurved, a very large full flower made up of an unusual number of slender, long stiff, tubular florets, of a bright amber color, which are closely incurved and form a flower of great substance. Awarded first class certificate by Massachusetts Horticultural Society.....	.25
REWARD. Large spreading flat flower of reddish violet color; good and sturdy grower, free flower.....	.50
ROHALLION. Japanese, reflexed, of great depth, petals long twisted, open at the end, of beautiful dark chrome yellow, strong grower, and one of the most distinct Chrysanthemums known.....	.50
REINIA.....	.15
ROBERT BOTTOMLEY. Fine white.....	.25
ROBERT CRAIG. A truly grand flower, very distinct, similar in shape to Mrs. G. W. CHILDS, but much deeper in color..	.20
ROBERT CRAWFORD. Blush and white.....	.20
RUBRUM STRIATUM. Crimson, shaded violet and yellow...	.20
SADIE MARTINOT. Of the largest size, rich pure gold, opening at first smoothly, then forming into immense balls, quite large; in perfection during December.....	.25
SACHEM (H. P. Walcott.) Japanese reflexed, strong growing plant, clear yellow reflexed flowers. Awarded first class certificate by Massachusetts Horticultural Society.....	.25
SEMI RAMIS (H. P. Walcott.) Japanese incurved, very large flowers of broad stiff incurved petals, maroon red on inner, pale yellow on outer surface, does not show centre.....	.50
SHASTA (H. P. Walcott., Japanese, large spherical blooms of tubular florets of pure white. Awarded first class certificate by Massachusetts Horticultural Society, and in England. Dwarf growing plant with stiff stems; excellent for cutting and lasting.....	.50
SNOW BALL. A well named variety, having perfect round formed flowers of the purest white.....	.25
SOLEIL D'AUTOMNE (Rozain). Flowers lacinated, sulphur yellow, changing to white centre.....	.25
SOLEIL LEVANT, (SYN. INFANTE D'ESPAGNE.) Delicate yellow, large, blooms long, tubulated florets, mid-season, dwarf...	.15
SOURCE D'OR (Deleaux), 1882. Orange, gold shading, medium size bloom, recurving florets, mid-season, dwarf..	.15
SOUVENIR DE VICTOR DELANOY (De Rey.) Long petals, drooping, orange red, striped yellow, early variety.....	.25

	EACH
SOUVENIR D'ALFRED MOTTE (De Rey.) Incurved large flowers, red with yellow tip.....	.25
STARS AND STRIPES.....	.20
STANSTEAD SURPRISE. Rosy purple.....	.50
SUPERBE FLORE. Carmine rose and white, grand variety...	.35
SUZON (De Rey.) Large flowers of clear orange color.....	.25
SUNNYSIDE. Of delicate flesh tint when opening, becoming white when fully expanded, quilled floret petals, immense size and great substance, in general appearance somewhat suggestive of a Pond Lily. Conspicuous, distinct and valuable.....	.35
SYRINGA. Violet.....	.25
TACOMA (H. P. Walcott.) Chinese, flower of perfect form, incurved, white slightly tinted with pink in the bud, becoming cream white when fully expanded, of very large size, full centre and broad stiff petals. Awarded first class certificate by Massachusetts Horticultural Society. The freest Chrysanthemum grown.....	.50
TECUMSEH (H. P. Walcott.) Japanese incurved, very large flower, petals brown red on inner surface, light mahogany color on the outside, closely overlapping each other, and do not show centre.....	.50
THE BRIDE. A magnificent pure white variety of distinct, perfect shape, fully as good as MRS. GEORGE BULLOCK, but of entirely different appearance.....	.25
THOMAS S. WARE. Silvery rose lilac.....	.25
TUBIFLORUM. A remarkable variety having long straight tubular needle-like petals of pink and white, a valuable acquisition.....	.20
TWILIGHT. Large flat and full flower opening with a lemon tinge, but becoming pure white. The flowers produced on large stout stems.....	.50
TYNDARE (Del.) Petals narrow, creamy white lined rose....	.25
UNIQUE. Deep lake color.....	.50
UTOPIA. White.....	.50
VAL D'ANDORRE, (SYN. GAILLARDIA.).....	.25
VIEIL OR (L. Lac.) Large flower, deep yellow color, very fine.....	.25
VIOLET ROSE. Japanese, large flower, incurved, of a beautiful shade of rose, violet color; one of the finest.....	.25
WHITE CAP. Reddish violet color, with white tips.....	.50
WM. ROBINSON, (May), 1884. Orange, tinted rose, long tubulated florets. Sport from BOUQUET FAIT.....	.25
W. M. SINGERLY. Glossy carmine, extremely floriferous and beautiful, certainly much the best of its color.....	.35
WM. H. LINCOLN. A magnificent golden yellow variety, with straight, flat, spreading petals. An extra large flower, completely double, and of great substance.....	.25
W. W. COLES. Brick red, fine flower.....	.25
YELLOW DRAGON, 1863, (SYN. GOLDEN DRAGON.) Bright golden yellow, long, broad, drooping curled florets.....	.15
YELLOW BIRD. Soft yellow.....	.25

SECTION III. REFLEXED.

CHARACTERISTICS.—The varieties forming this section have a vigorous yet neat growth, and flowers of medium size, more or less spherical in form, and remarkable for their bright and effective colors. The flowers should be perfectly circular in outline, without a trace of thinness in the centre, hemispheroidal in form, and with broad overlapping florets. The flowers of the majority of the reflexed varieties are too flat, but they are valuable for their distinctive character and rich coloring, and the greater proportion of the varieties are well adapted for specimen culture.

EACH

ALICE BIRD (SYN BUTTERCUP.)	Yellow.....	\$0.15
AMY FURZE (Coombe,) 1886.	Blush rose, with a lilac tinge.	.20
BOHEMIA.	Large reflexed flowers of deep Venetian red color, supported on stout stems, last long in perfection, is considered the best red Chrysanthemum.....	.50
CONNECTICUT.	Of the same robust constitution as the former. The flowers are large, with twisted petals of deep madder, the tips white; a striking variety.....	.50
CULLINGFORDII.	Brilliant crimson, under side old gold; fine.....	.15
ELIZABETH BLISS.	Amaranth shaded violet, large, reflexed a grand flower.....	.25
E. S. RENWICK.	Silvery blush, reflexed, of large size and fine.....	
FLORA FEWKES.	Sulphur white, reflexed.....	.25
IRENE.	White, rose and buff.....	.15
LA TRIOMPHANTE.	(Reydellet), 1885, white, suffused with delicate purplish rose, large deep blooms.....	.25
L'ADORABLE.	(Delaux), 1885, canary-yellow, tinged purple, bloom large, florets flat pointed and spreading.....	.25
M. ASTORG.	(Delaux), 1883, silvery white, centre purplish, large bloom, florets flat, spreading or recurving, early and dwarf.....	.15
PHIDIAS.	Rose-blush, rather large, mid-season.....	.15
PHCEBUS.	(A. Salter), 1886, rich golden yellow, medium size, florets reflexed, early, of moderate height.....	.20
SAM SLOAN.	Very large and fine, pale blush, finely incurved, lasting a long time.....	.15
PRESIDENT HYDE.	Large, full, double reflex Japanese, twisted outer florets, color rich yellow, fine habit and free flowering.....	.20
PROGNE.	Rich amaranth, a good useful variety, sweet scented.....	.25
PUMP COURT.	Purple-amaranth and silver.....	.15
ROBERT OWEN.	Golden-yellow, shaded gold and violet....	.15

SECTION IV.

ANEMONE.

CHARACTERISTICS.—The flowers of this section are rather regular in their outline. The center or disc is full of quilled florets standing high, while on the outside are one or two rows of flat petals. They are all very pretty and distinct looking.

	EACH
ACQUISITION. (J. Salter), rose-lilac guard florets, yellow disc, rather large and high in the center, mid-season, medium height	.15
ALABAMA. Anemone, largest of the class, pure white, good substance.....	.25
BESSIE PITCHER. Deep rose with lighter centre, a grand flower.....	.15
EVA. Light-rose.....	.20
FABIAN DE MEDIANA. (Lacroix), 1883, SYN FABIAS DE MADERANAZ, deep lilac guard florets, which are broad, of great length and drooping, blush, shaded purple, disc, very large.....	.15
GEORGE SANDS. Fine bronze color.....	.20
KING OF THE ANEMONES. Dull crimson, large, very late.....	.15
LADY MARGARET. (J. Salter), pure white guard florets and disc, large, mid-season, tall.....	.15
LILLY BURGESS. Rich clear-rose, incurved smooth petals, with very small anemone of bronzy pink, lasts a long time and is quite distinct.....	.25
MME. CABROL. Silvery blush and rose centre, an immense flower.....	.25
MISS ANNIE LOWE. (Lowe), 1887, bright yellow guard florets, light yellow disc, large, mid-season, tall.....	.15
MRS. JUDGE BENEDICT. Straw-yellow anemone.....	.25
MRS. J. H. TAYLOR. Clear rose and pink, outside petals very broad and flat, with high centre of same shade.....	.15
PRINCESS. White shaded, delicate lilac, large and handsome	.15
THORPE, JR. A most beautiful variety of a rich pure yellow. flowers of an immense size and perfect form.....	.25
VIRGINALE. White guard florets and disc, large, very late, dwarf.....	.20

SECTION V.

POMPONS.

CHARACTERISTICS.—Small blooms, dwarf growth, and small neat leaves distinguish the true Pompons from all the other exhibition groups of varieties.

The blooms are somewhat flat or nearly globular, averaging $1\frac{1}{2}$ inch in diameter, very neat and compact, formed of short flat fluted or quilled florets, regularly spreading or erect, all the florets of each bloom being of one character, not with flat guard and tubular centre florets, as in the ANEMONE POMPONS.

	EACH
ANNAIS. Rose-lilac, pointed gold.....	.15
BLACK DOUGLASS.....	.15
EXPOSITION DE CHALON. Rose-violet, striped with white, very distinct.....	.15
ELEONORE. Pink, early.....	.15
FLORA. (SYN. LATE FLORA and YELLOW PERFECTION), deep golden yellow.....	.15
LORD MAYOR. Pink early.....	.15
MDLLE. ELISE DORDAN. (Delaux), soft lilac-pink, full globular bloom, very neat, early, dwarf and free.....	.15
ORANGE BEAUTY. Orange yellow.....	.15
PRESIDENT. (SYN. MR. MURRAY), dark rosy-crimson, dis- tinct and good.....	.15
PRINCESS MELITIA. Fine white.....	.25
TENSIA. Fine white.....	.20

Descriptive Catalogue

OF

Single Dahlias

The great increase in the use of Single Dahlia for decorating flower gardens in the Old World, has induced us to make a specialty of these plants, our climate being more favorable to their growth than that of Europe. Nothing can be more beautiful in a border, in front of shrubbery or in odd corners of the garden than some fine plants of this variety with hundreds of large flowers of nearly every shade imaginable, standing out gracefully above the foliage. As cut flowers for bouquets and vases, their graceful and bright colors make them desirable, a use for which the double varieties are unfit. The culture of single Dahlias is similar to that of the double kind, except that the single varieties are much freer in their growth. The season for planting Dahlias out of doors is from May 25th to June 15th. Each plant should be allowed from three to four feet space for proper development. They like rather rich, well drained and warm soil. A very important matter is never to plant Dahlias in the shade of trees, or buildings, as they enjoy the pure sunshine and plenty of air. Occasional hoeing is necessary, and each plant should be tied to a stake to protect it from high winds. In the Autumn after hard frosts, cut down the tops, lift the tubers and keep in dry cool cellar until Spring.

A very useful way is to plant single Dahlias between the Paeonies or other plants which lose their foliage in the early season, and in this way will have continuous show of flowers up to the first frosts.

SINGLE DAHLIA SEED.

Parties desirous of raising Single Dahlias from seed should plant their seeds at the end of March, in a warm place. As soon as germinated the plants should be placed in small pots, and in three weeks transplanted into five or six inch pots. Keep plants rather cool until time for planting out.

We are happy to offer a limited number of packages of seed of the finest selected strain of single Dahlias, saved last season from our best kinds, at the following prices :

One package.....	\$.25
Five packages.....	1.00

SINGLE DAHLIA ROOTS.

Ground Roots. These should be divided just before starting into growth, each piece potted separately in an ample pot, until time for planting out.

We have a fine lot of ground roots from last year of all colors, mixed, that will give great numbers of flowers during the whole summer.

Each.....\$.25

Per Dozen..... 2.00

SELECTED SINGLE DAHLIAS.

The following 120 varieties were selected from many thousands of plants. They are all distinct and of special merit.

We have named the 120 varieties but have left the number also under which they were previously described.

The collection taken as a whole is the finest in this country. Many flowers are as much as seven inches in diameter, and of perfect shape. When in flower the mingling of so many colors in the thousands of blooms afforded a remarkable spectacle.

The number of plants of this stock is limited and early orders are solicited. Plants will be ready for delivery after April 1st.

PRICES.

Single plants.....	\$.25 each
12. Our selection.....	for 2.00
12. Customer's selection.....	for 2.50
25. Our selection.....	for 3.50
25. Customer's selection.....	for 4.50
50. Our selection.....	for 6.00
50. Customer's selection.....	for 7.50
120. The complete selection.....	for 16.00

ACCOMACK. (1) Fine, showy flower of a magenta color and yellow shaded centre.

ACME. (2) Flowers large, flame, richly shaded, of a perfect form, and good substance.

ADRIAN. (3) Is one of the best, bearing very large yellow, faintly shaded with red, flowers of very good form.

AGRICOLA. (4) Peach colored, with yellow centre, and very free blooming.

ALLEGHANY. (5) Flowers yellow, tinged with red, of medium size.

ALMEDA. (6) Deep maroon, medium size, and very good for cutting and decorating purposes.

- AMBOY. (7) Bright red, with perfect form.
- ANACOSTIA. (8) Flowers of a rich crimson, self shaded color, and very good substance.
- APALACHICOLA. (9) Fine apricot, clematis-shaped flowers.
- APPOMATTOX. (10) Bright red, very useful for cutting purposes.
- ARCADIA. (11) Bright red, medium size, and very free flowering.
- ARCOLA. (12) Flowers deep crimson, self shaded, very free flowering, and good habit.
- ARKANSAS. (13) Rose, yellow shaded centre, good habit and free flowering.
- ASTORIA. (14) Beautiful rose, white shaded with yellow centre, one of the best, very free.
- ATCHISON. (15) Fine antique pink flower of very good habit.
- ATLANTA. (16) Deep crimson, self-shaded, well formed, medium sized flower.
- AZTEC. (17) This is a dwarf variety, quite distinct from others, of a rose pink, beautifully rounded flowers.
- BOLIVAR. (18) Pale magenta, with shaded yellow centre, and good substance.
- BUFFALO. (19) Flowers bright red, of a fine symmetrical form.
- CALEDONIA. (20) Bright red, shaded with yellow, medium sized flowers.
- COMANCHE. (21) Light yellow, with perfect form and good habit.
- CAMBRIA. (22) Fine crimson, self-shaded.
- CATAWBA. (23) Dark buff, of the finest clematis-shaped flowers, very free flowering, and of a really good habit.
- CHATTANOOGA. (24) Flowers large, bright red, and well formed.
- CICERO. (25) Flame, medium size, and very free flowering.
- CHEROKEE. (26) Light buff, of a good clematis form.
- CHIHUAHUA. (27) Magenta, with yellow shaded centre, and well formed flowers.
- CHICKASAW. (28) Flowers yellow, of a medium size.
- CHICOPEE. (29) Producing large, light yellow flowers.
- CHIPPEWA. (30) Copper red, well formed, and very free flowering.
- CHOCTAW. (31) Beautiful flame, good substance.
- COHASSET. (32) Light yellow, fine shaped flowers.*
- COLORADO. (33) Flowers flame, medium size, and free flowering.

- CLEOPATRA. (34) This is a cactus formed variety, of a rose color, and neat habit, extra fine.
- CONSHOHOCKEN. (35) Beautiful flame, flowers large, and well formed.
- DAKOTA. (36) Copper red with perfect form.
- DELAWARE. (37) Flowers large, bright red, and really good.
- HACKENSACK. (38) Desirable fancy flowers, of a beautiful flame color, and perfect form.
- HOMER. (39) Bright red, with yellow centre.
- IANTHA. (40) Dark maroon, edged with rose, producing large well formed flowers, one of the best of this season.
- IDAHO. (41) Flowers light yellow, medium size, and very free flowering.
- ILLINOIS. (42) Crimson, self-shaded, of really good shape and substance.
- IOWA. (43) Lovely white, lavender tipped, very good.
- JUPITER. (44) Bright yellow, producing well formed medium sized flowers, of very good habit.
- JUMBO. (45) Bright red, large size, and very free flowering.
- KALAMAZOO. (46) Maroon, self-shaded, of very good shape.
- KANSAS. (47) Scarlet, with yellow centre, quite distinct.
- KENNEBUNK. (48) Bright red, medium sized, and really good flower.
- KOSCIUSKO. (49) Fine maroon, medium sized, and very free flowering.
- KOSSUTH. (50) Flowers fine yellow, well formed, and produce in a great abundance.
- MACKINAW. (51) Solferino, flowers of medium size, and very good form.
- MANHATTAN. (52) Flame, richly shaded, flowers very large of a perfect form, one of the best,
- MARIPOSA. (53) Old gold, shaded, flowers medium size and good shape.
- MATTAPAN. (54) Beautiful rose, shaded, yellow centre, and very free flowering,
- MEDINA. (55) Deep maroon, flowers of a fine form, and very large, one of the best varieties.
- MICHIGAN. (56) Scarlet, striped with deep shade, medium size, and very free flowering.

- MILTON. (57) Flame, medium sized flowers, very useful for cutting purposes.
- MINERVA. (58) Fine orange flame, free growing.
- MINNESOTA. (59) Flowers large, of a bright red, and yellow centre.
- MISSOURI. (60) Maroon, flowers medium size, and very free flowering.
- MORAVIA. (61) Solferino, flowers large, of a good form.
- PULASKI. (62) Deep maroon, flowers medium size, having a good substance and form.
- NANTASKET. (63) Flowers extra large, of a rich crimson color, and perfect form. One of the best varieties of this season.
- NANTUCKET. (64) Fine bright red, flowers medium size, with good reflexed petals and good form.
- NEBRASKA. (65) Mottled with rose and red, very fine.
- NIAGARA. (66) Light yellow, medium sized flowers, fine shape and very free flowering.
- OCALA. (67) Rose, yellow shaded centre, very fine flower.
- OHIO. (68) Old gold, shaded very handsome.
- OKLAHOMA. (69) Flowers of a bright red color and good form.
- OMEGA. (70) Flowers large and fine, color sulphur faintly shaded, very free flowering.
- OMAHA. (71) This is a fine variety with its rose colored, deeply shaded flowers of a good shape.
- ONEIDA. (72) Bright yellow, flowers large, with good reflexed petals and good form.
- ONONDAGA. (73) Deep maroon, flowers fine, medium size and very free flowering.
- ONTARIO. (74) Maroon, prettily shaded edge, very good variety.
- OREGON. (75) Flowers fine, medium size, color bright yellow, very pretty.
- ORIZABA. (76) Beautiful orange flame, flowers large with perfect form.
- OSAGE. (77) Old red, flowers very large, one of the best, having very good shape and substance.
- ORISKANY. (78) Maroon, fine perfect formed flowers, and good habit.
- OSKALOOSA. (79) Beautiful crimson, self-shaded, very fine and delicate variety.

- OSWEGO. (80) Rose, yellow shaded centre, one of the best, having good reflexed petals and very good substance.
- OTTAWA. (81) Flowers yellow, medium size, and very free flowering.
- OZARK. (82) Rose, deeply shaded, very good.
- PANDORA. (83) Deep crimson, self-shaded, delicate and very free.
- PATOKA. (84) Deep maroon, flowers very large, one of the best varieties.
- PATUSKALA. (85) Light rose, shaded with deep rose, flowers very large, having good form and substance. One of the best varieties of this season.
- PAWNEE. (86) Flowers fine, crimson, self-shaded.
- PAWTUCKET. (87) Bright red, flowers medium size and very free.
- PEEWEE. (88) Red, flowers fine, of great substance.
- PISGAH. (89) Ox blood red color, extra large, very free, and one of the best.
- POCAHONTAS. (90) Rose, yellow shaded centre, flowers of perfect form.
- POCASSET. (91) Fine, ox blood red, large, with beautiful reflexed petals.
- POTOMAC. (92) Deep maroon, flowers fine, medium size, of great substance.
- POWHATAN. (93) Rose, shaded with white, and deep yellow centre.
- POUGHPEEPSIE. (94) Magenta, shaded with white, having good reflexed petals and fine yellow centre, one of the best.
- MUSKEGON. (95) Flowers rose, shaded with white, having yellow centre and perfect form.
- SACO. (96) Good scarlet, yellow shading, and very free.
- SAGINAW. (97) Flowers rose with yellow centre.
- SARATOGA. (98) Flowers fine bright red, of medium size, and good shape.
- SAUGERTIES. (99) Solferino, flowers very good, of perfect form, and very free flowering.
- STELLA. (100) Fine white, large sized flower, of perfect form, and very free flowering. One of the best.
- TAMPA. (101) Flowers, fine, large, red, of great substance, perfect form. One of the best varieties.
- TABOR. (102) Pure white flowers, very large size, good form and substance. The finest variety of the season.

- TOPEKA. (103) Flowers yellow, of medium size and good shape.
- TEXAS. (104) Yellow tinged with red, medium size, very free flowering.
- TORONTO. (105) Large, yellow, self-shaded, of good substance.
- TOLEDO. (106) Crimson self, good size and perfect form,
- TROY. (107) Brick red, medium size. well formed and good substance.
- TRURO. (108) Flowers yellow, self-shaded, very free flowering.
- UTAH. (109) Dark crimson self, free flowing.
- UTICA. (110) Fine yellow, good form and neat habit.
- VENTURA. (111) Beautiful chrome yellow, fine round flowers of medium size.
- VERBENA. (112) Deep crimson, compact habit and free flowering.
- WACO. (113) Flowers yellow, medium size, good shape and perfect form.
- WABASH (114) Light crimson, centre tinged with yellow, quite distinct color.
- WASHTA. (115) Reddish purple flower, medium size.
- WICHITA. (116) Deep crimson, fine shape.
- WEEHAWKEN. (117) Flowers bright yellow, medium size, broad petals.
- WINNIPEG. (118) Purple rose, distinct yellow centre, tips of petals tinged with white, very pretty.
- WINNEBAGO. (119) Flowers delicate pink, deep lemon centre, small size.
- WYOMING. (120) Bright scarlet, solid color, fine large flowers. One of the best.