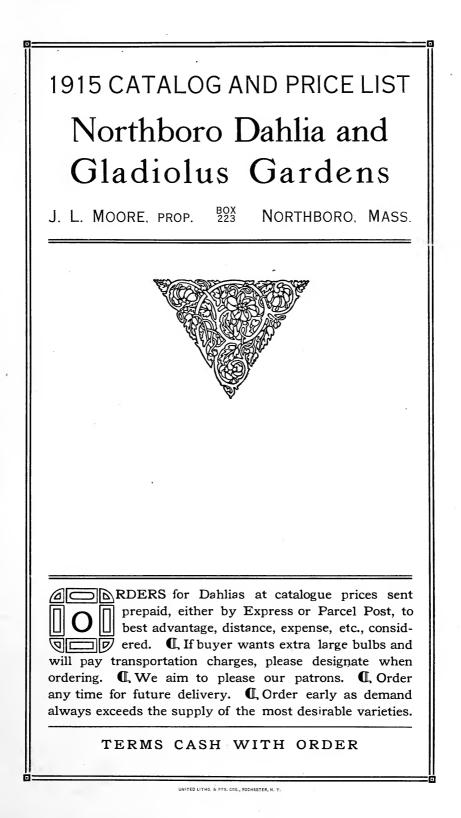
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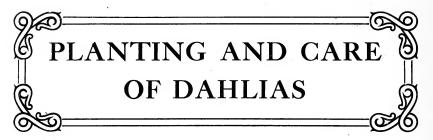
Do not assume content reflects current scientific knowledge, policies, or practices.











General cultural notes and directions apply one year as well as another to the ever changing condition of weather and location of different buyers and planters.

A light, sandy soil is preferable for the best results; also a a sunny exposure. Stir soil 8 or 10 inches deep; a foot will be better. Apply stable manure the fall previous to the spring you plant and work thoroughly into the soil to get best results.

Separate Dahlias to one or two bulbs; plant deep, laying flat and be sure to cover six inches deep. Don't stand on end with crown out. Give it a chance to root and get a firm hold below any chance of disturbance in cultivation. Keep the ground thoroughly stirred until they begin to bloom.

Apply water freely. If work in field is done with horse plant 3 to 4 feet apart in rows and 15 inches to 2 feet in the row, closer if grown only for the bulbs. If for cut flowers 2 feet and over give more flowers and larger ones.

To avoid staking or breaking down, after two sets of leaves show, pinch off the main stalk and they will branch and need no support; but this retards the bloom, which will be ten days to two weeks later.

HARVESTING DAHLIAS

After frost has killed foliage, let them stand a few days before commencing. Loosen with plow, spade or fork. Cut off top below where frosted if possible, as a frozen stalk is liable to decay and mould to the injury of the roots, where the hard unfrosted stalk will dry and cure.

Let them lie and dry off, as you would potatoes.

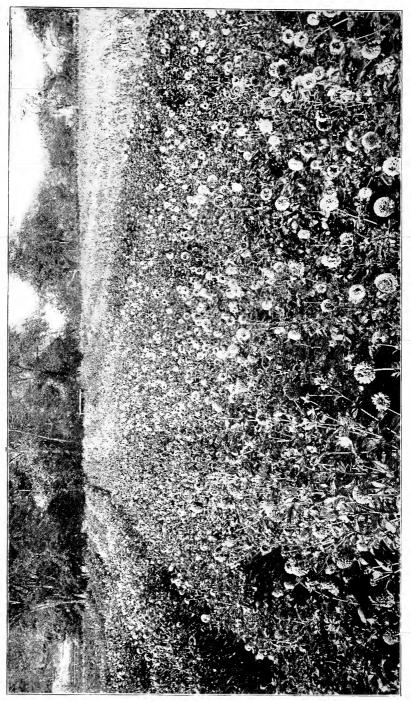
Store at once where they are to stay during the winter, in cellars not under 40—50 to 60° F. is better.

If in cellar where there is furnace keep as far from it as possible.

It is impossible to give definite directions that would apply to all conditions.

Avoid changes from one extreme of temperature to another, give plenty of ventilation, avoid chilling and too much moisture, or the other extreme, too much furnace heat to shrivel and dry them, and they should keep all right.





Show and Fancy Dahlias. Gladiolus at right.

Show and Fancy Dahlias

The Show Dahlias include the large, round flowers with solid colors and those having a light ground color with a darker tip. The fancy Dahlias are the large, round striped varieties and those having a dark ground color with a distinct lighter tip.

Price per bulb, cts.

A. M. BERNIE. Dark orange, yellow toward centre	10
ACQUISITION. Large lilac, long stems, fine	25
A. D. LAVONI, or ETHEL VICK. Soft pink, fine	10
ADELAIDE. Creamy white, edged lavender	10
AMERICA. Light slate, striped deep crimson, sometimes	
solid color	10
ANNE BOLEYN. White, veined lavender	10
APPLE BLOSSOM. Containing all the colors of the	
apple blossom	10
ARIAN. Crimson scarlet	10
ARABELLA. Sulphur, tipped pink	10
ALICE EMILY. Buff yellow, large and fine	10
BRIDE. Blush, edged rose, large	10
DR. J. P. KIRKLAND, OR CUBAN GIANT. Dark crimson,	
large	10
ELEGANS. Rose purple, tipped white	10
ERIC FISHER. Buff, striped scarlet	15
EMILY. Lavender, suffused white	15
FASCINATION. Rose pink, sometimes striped white, fine	10
FRANK SMITH. Dark maroon, tipped pinkish white	20
FREDERICK SMITH. Lilac striped purple	10
FLORENCE. Bright yellow, good	15
GAIETY. Yellow, striped red, tipped white	10
GEM OF THE BEAUTY. Flesh, tipped darker	10
GEO. BARNES. Fancy lilac, striped crimson	15
GLORIE DE LYON. White, large, fine	15
GOLDEN BALL. Pure yellow, fine	10
GOLD MEDAL. Canary yellow, flaked and striped red, one	
of the best.	25
GOLDSMITH. Yellow, striped and tipped crimson	20

Price per bulb, cts. Pure sulphur yellow GOLDEN AGE. 10GEN. GRANT. Deep orange, striped chocolate, sometimes solid chocolate flower..... 15 GRAND DUCHESS MARIE. Giant Show. Rich buff, overlaid orange, reverse side petals pink..... 50 GOV. DAVIS. Salmon, large and full; long stems..... 10 HARBINGER. Peach color.... 10 HECTOR. Light orange 10 HENRY GLASSCOCK. Buff, striped and spotted crimson 10 HENRY PATRICK. Pure white, extra fine..... 10 HERBERT TURNER. White, edged lavender 10 IMPERIAL. Deep purplish maroon, extra fine 10 10 JAMES VICK. Purple..... JOHN BENNETT. Yellow, edged scarlet 10 JOHN THORP. White base, edged pink..... 10 JAMES SERVICE. Crimson maroon 10 KEYSTONE. Purple lilac, striped crimson, large..... 10LUCY FAUCETT. Pale yellow, striped magenta 10 MARINER. Yellow, crimson edge, dark center 10 MERLIN. Bright orange scarlet, very free..... 15 Bright red, very large METEOR. 10 MARGARET BELL. Deep pink or light magenta..... 10 MAID OF ATHENS. Dark magenta 10 MRS. BRADFORD. Lavender color 10 Yellow at base, edged crimson..... LANGTRY. 10 " DEXTER. Salmon, full 10 " I. LAING. French white, free, good form 10 " KENDALL. White, heavily edged purple 15 " Salmon and pink STANCOMB. 10 " W. SLACK. 15 Blush, edged purple MISS MILLER. Pale lemon 10 Orange, tipped scarlet, always good NUGGET. 20 Bright orange, free and large NORMA. 10 ORATOR. Salmon buff (large) 10 PRINCE BISMARCK. Deep purple.... 25 PURITAN. White. striped maroon 10 PURPLE GEM. Deep purple, distinct.... 10 PEARL. White. deeply edged rose; large 10 PINK MAGENTA. Extra free bloomer..... 10 OUEEN OF YELLOWS. Dark yellow..... 10 OUEEN VICTORIA, OR MARY D. HALLOCK. Canary vellow 10 QUEEN'S MESSENGER. Purple..... 10 OUAKER LADY. Shade brown, tipped white 10

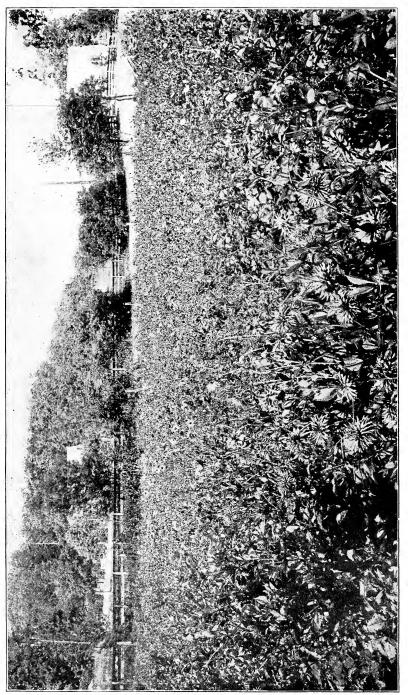
Price per bulb, c	cts.
RUBY QUEEN. Ruby red, richly shaded	10
ROBERT WARNER. Deep crimson, very large	10
ROBIN ADAIR. Terra cotta	10
ROBINI. Amber	15
ROBERT BROOMFIELD. Pure white	10
<i>REV. J. B. McCAMM.</i> Pure yellow, striped crimson	10
STRADELLA. Deep purple crimson, long stems, fine	25
STATESMAN. Deep crimson	10
STARTLER. Magenta, tipped white	10
S. SICKMON. Dark maroon, tipped white	10
STANDARD. Dark chocolate, very large	20
STORM KING. Pure white, extra fine	10
STRIPED BANNER. Deep red, striped white	10
THOS. AUSTISS. Purple lilac, fine form	10
WILLIE AUSTIN or DAWN OF DAY. Fawn, large	10
WHITE BEDDER. White, fine for borders and lawns.	10
WHITE QUEEN. Pure white, free, strong grower	10
WHITE SWAN. Pearly white	10
WM. NEATS. Soft reddish fawn	10
WM. GARRETT. Cardinal red	10
W. P. LAIRD. Lilac, veined lighter	10

Cactus Dahlias

In form this class differs from any other. Flowers loosely arranged and irregular. Petals long, twisted and pointed.

Price per bulb,	cts.
AMOS PERRY. Scarlet, fine	10
ANTELOPE. Deep rich yellow, suffused with bronze; very	
attractive	10
AIGER. Bright red	10
ARAB. Rich velvety maroon	10
AUNT CHLOE. Very dark maroon, fine	10
BLANCH KEITH. Yellow, long closely quilled petals	10
BRITANNIA. Soft salmon pink, very large	15
BORNEMAN'S LEIBLING. Delicate soft rose pink	15
BRUNHILDA. Rich plum color	15
CHAS. WOODBRIDGE. Bright crimson, fine	15
COUNTESS OF LONSDALE. Deep salmon red, one of	
the best grown	15
CLINCHER. Heliotrope	25
CORNUCOPIA. Deep reddish salmon, fine	10

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Cactus Dahlias

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Price	per	bulb.	cts.
	P	~~~,	

CLARA G. STEDWICK. Clear bright salmon, shaded	
yellow at the base, long petals, very large and fine	15
CANNELL'S GEM. Deep orange, free; fine	10
CANTURELES GEM. Deep oralige, nee, nile	
CAPSTAN.Soft red, tinted apricot; fineDELIGHT.Pale pink, yellow center, large	10
DELIGHT. Pale pink, yellow center, large	15
DR. JAMESON. Deep crimson, free	10
DAINTY. Lemon yellow, tips of petals golden; base rose	
pink. Should be in every collection	10
EMPEROR. Pure plum yellow at base	10
ERNEST GLASSE. Purple magenta	10
ETHEL. Sulphur yellow, free and very fine	15
EARL OF PEMBROKE. Bright plum, large	ĩũ
<i>EXQUISITE.</i> Reddish cinnamon, free and fine	15
<i>ETNA</i> . Lilac, veined violet	25
,	
<i>EVA.</i> Pure white, strong grower; one of the best	25
F. H. CHAPMAN. Yellow, overlaid orange	20
FLORADORA. Wine crimson	15
FLAMINGO. Clear flame color, large	15
FRED COBBOLD. Bright crimson, large and free	15
FUSILEER. Deep salmon, good	10
GEN. BULLER. Rich velvety crimson, nearly black at	
base of petals; white tips	10
GENISTA. Amber, shaded to golden yellow	10
GLORY OF WILTZ. Yellow	$\frac{10}{25}$
GREEN'S WHITE. Pure white	$\frac{23}{10}$
UADDOD LICHT Visid suggested and it demonstrate	10
HARBOR LIGHT. Vivid orange red overlaid flame color	
HARMONY. Reddish bronze	10
IS 'AN QUEEN. Mauve	10
IDA. Deep clear yellow, verv early; large	15
ICEBERG. Ivory white, petals long and narrow	15
INNO VATION. Crimson, tip white	10
J. H. JACKSON. Black maroon	15
J. WIER FIFE. Very dark maroon JOHN ROACH. Soft yellow	10
JOHN ROACH. Soft vellow	10
KEYNES WHITE. Pure white; fine	10
KREIMHILDA. Pleasing shade of pink, center almost	10
white	10
LADY FAIR. Primrose, tinted soft pink, a novelty	
LADY PAIR. THINOSE, UNCU SOIL PHIK, a novely	25
LAVERSTOCK BEAUTY. Soft red	10
LIBELLE. Clear magenta, an extra fine variety	10
LORD OF THE MANOR. Fiery scarlet, greenish yellow	
center	10
LORD ROBERTS. White	15
MANXMAN. Rich orange center shading to soft pink, pur-	
ple tips	15

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Price per bulb, cts.

MRS. JOWETT. Deep salmon	10
<i>'' J. H. LUSCOMB.</i> Rose mauve, light center, fine.	10
 <i>J. H. LUSCOMB.</i> Rose mauve, light center, fine <i>JOHN P. MACE.</i> Delicate blush pink 	20
" H. J. JONES. Scarlet, edged cream, tipped white.	15
" DeLUCCA. Golden yellow, tipped orange	15
" MURRAY IND. Bright rose	10
" MONTFORIE. Rich crimson and scarlet	10
" M. A. HOLBROOK. Velvet crimson	10
" E. MAULEY. Clear, light yellow	15
" F. GRINSTED. Deep rich crimson	15
" W. H. RABY. Cream color, extra fine form	10
" SUSAN WILSON. Yellow, overlaid red	20
" BENNETT. Soft crimson	$\overline{10}$
" CHAS. TURNER. Clear soft yellow, extra fine	10
large flower	10
large flower	15
<i>NIGHT.</i> Almost black	10
OCTOPUS. Nearly white, showing a tinge of lavender.	10
<i>OPHIR.</i> Soft apricot, tinted lighter in center	10
PORCUPINE. Scarlet maroon	10
PRINCESS MARY. Pale terra-cotta	15
<i>P. W. TULLOCK.</i> Salmon and red, tinted purple	10
PRINCE OF YELLOWS. Soft shade of yellow, good	10
PRIMROSE DAME. A clear yellow, fine	10
QUEEN ALEXANDER. Deep orange, distinct; fine	15
SPITFIRE. Scarlet, back of petals deep orange	10
SIR A. LAMB. Crimson tinged purple	10
STERNS. Yellow	10
STRAHLEIN KRONE. Intense cardinal red, free	15
STANDARD BEARER. Fiery scarlet, fine form, free	15
ST. CATHERINE. Deep yellow, shaded red	10
SWFFT NELL Pink	15
SWEET NELL. Pink T. A. HAVEMEYER. Clear yellow at base deepening to	10
bronze	10
UNCLE TOM. Improvement over Night, almost black.	10
VESUVIUS. Clear yellow, striped crimson	10
VOLKER Lemon vellow	15
VOLKER. Lemon yellow WM. TRESEDER. White, shaded pink	15
	10



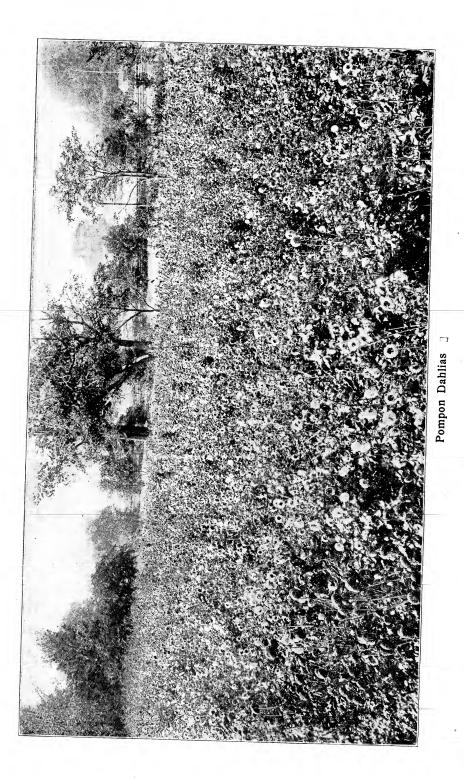


Decorative Dahlias

Decorative Dahlias

Decorative Dahlias should not be classed with the Cactus varieties. The flowers are large with long flat petals, and also irregular.

Price per bulb,	cts.
B EAUTY OF BRENTWOOD. Plum, striped maroon	10
BLACK DECORATIVE. Almost black	10
BLACK PRINCE. Velvet maroon	10
BRONZE BEAUTY. Bronze, tip white, very large	10
CATHERINE DUER. A beautiful glowing red	10
CENTENNIAL. Dark red, black shadings	10
CLIFFORD W. BRUTON. Bright yellow, large	10
CLARABEL. Purple	10
CLARABEL. Purple	10
CORA GLEASON. Deep purple	10
DANTHE	10
DEACON. Crimson scarlet	10
DOLLY, OR SYLVIA. Flesh color, tipped darker	10
EMILY HAPGOOD. White	10
EMPRESS OF INDIA. Crimson maroon	10
FREDA. Waxy white	10
FRANK BASSETT. Royal purple, profuse bloomer	10
GERTIE. Lavender	10
GIGANTEA. Very large, yellowish white	15
GRAND DUKE ALEXIS. Pure white, edged lavender,	
large	15
large	15
HIMMILSCHE. Light purple lavender	10
HOFFTGARTNER GLEET. White, very large, fine	25
JACK ROSE. Very dark crimson	10
JEANNE CHARMET. Pink, lilac edge, white center. yel-	
low margin, long stem	15
J. P. LAIRD. Dark maroon	10
LADY CLEVE. Lilac and white	25
LADY EDITH THORNHILL. Rose pink	25
LADY OF SEVILLE. Lavender and pink	25
LA FAVORITE. White	10
LES ALLES. Pinkish white, striped rose and purple	10
LOCKENKOFF. Yellow	10
LYNDHURST. Bright scarlet, very free bloomer	10



Price per bulb, cts.

MADAME MUREAU. Maroon	15
MRS. A. PEART. Pure white	10
MRS. HARTONG. Deep orange, tipped pink	10
MRS. GEO. REED. White, deeply edged rose	10
MRS. WINTERS. Pure white, very large	10
MME. VAN DEN DEAL. White, deeply edged lively pink	10
MME. VICTOR VASSIER. Clear sulphur yellow	15
MORNING RAY. Deep bronze, long stems	15
MAHALA SHERIFF. Pure white	10
MARY HILLIER. Deep salmon	10
MINOS. Almost black, fine	15
NYMPHAEA. Shrimp pink, tinted lighter	10
OBAN. Mauve, fine	10
PAPA TREVE. Deep orange red, tinted scarlet	15
POND LILY. White, shaded pink	10
PRINCESS LOUISA VICTORIA. Purple	10
PROGRESS. Lavender striped and blotched crimson, free	
bloomer.	25
RAYON D'OR. Orange, striped white	10
<i>REGGIE.</i> Cherry red, veined orange, very large	.25
SOUVENIR DE GUSTAVE DOUZON. Orange red,	
largest flower grown	10
SYLVIA. White, tip red	10
WM. AGNEW. Large bright red	10
WM. MILLER. Brilliant purple, large	10
ZULU. Very dark maroon	10

Pompon Dahlias

These are fine for cut flowers as they bloom freely, more so than any other variety. Price 10 cents each.

ACHILLES. Base of petals flesh, tipped pink. ALEWINE. Delicate pink, tinted lilac. BOBBY. Deep plum color, extra fine. BRUNETTE. Crimson, blotched white BELLE OF SPRINGFIELD. Dark scarlet. CATHERINE. Bright yellow, full and fine.

CLARA HARSH. Yellow, tipped crimson. DARKNESS. Very dark maroon. DARKEST OF ALL. Nearly black. FASHION. Bright orange. FASCINATION. Pink and lavender, sometimes a blotch of white. FAIRY QUEEN. Sulphur, edged pink. GOLD SPHERE. Crimson, gold back. GRUS AM WEIN. Crushed strawberry. HARRY. Light yellow. HENRIETTA. Yellow, tipped crimson, fine. HILDA SEARLE. Orange scarlet. IOLANTHE. Orange, shaded buff. ISABELLA. Scarlet. JARCOSKY. Yellow and white. LITTLE PRINCE. Crimson, tip white. LITTLE BESSIE. Creamy white, extra fine. LITTLE JENNIE. Primrose vellow. MABEL. Salmon pink. MAY CLIFT. Light maroon. MADELINE. Primrose, edged rose purple. MARGUERITE. Deep lilac. MARS. Scarlet. PHOEBE. Orange, tip crimson. PRINCE CHARMING. Cream, tipped purple. PURITY. Fine (pure) white. PURE LOVE. Pure lilac. RED INDIAN. Deep coral red. ROSALIE. Yellow and red. SAPPHO. Maroon and white. SNOW CLAD. Small, white, free. SUNBEAM. Crimson scarlet, extra fine. SALMON COLOR. VIRIDA FLORA. The Green Dahlia: WINFRED. White, tipped lavender.

Single Dahlias

The 20th Century, White Century, Pink Century, Pink and White, Red, Lavender and White.....10 cents each.

Mixed Stock

In handling, tags and marks will get lost or destroyed. All unknown dahlia stock is put together and sold regardless of value at a very low price; always have a few thousand. Price for such, \$2.00 per 100, buyer to pay transportation charges.

GLADIOLUS

The people's flower. Easily grown, very popular and attractive both for home gardens or for florists' trade. Growing more so every year. Growers are unable to keep pace with the demand.

We offer a few of the leading and popular varieties. Also mixture as grown or made up to suit.

AMERICA. Very large flower, flesh pink, almost white, spikes two to three feet long. The leading florist flower.

\$1.00 per dozen; \$2.00 per 100; \$15.00 per 1000 AUGUSTA. Pure white with blue anthers. One of the best florist flowers.

50 cents per dozen; \$2.00 per 100; \$12.00 per 1000

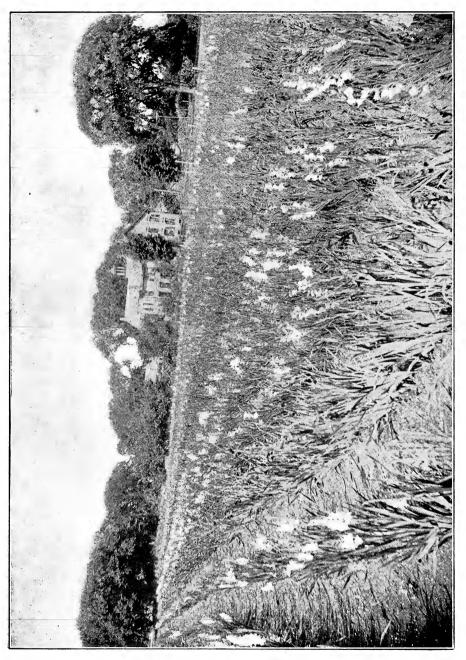
BRENCHLEYENSIS. Vermilion scarlet. Very attractive, brilliant flower, opens nearly all together, fine shipper, as it can be cut as soon as color shows, packs closely without injuring either bud or flower.

50 cents per dozen; \$1.00 per 100; \$10.00 per 1000

CANARY. Yellow, growing lighter when fully open. \$1.00 per dozen; \$5.00 per 100

F. BERGMAN. Large orange pink with carmine stain. Very strong grower of large flowers, profuse bloomer.

50 cents per dozen; \$1.00 per 100; \$12.00 per 1000



Gladiolus

FLORIDA. Dark red with white throat, very showy. 50 cents per dozen; \$1.00 per 100; \$12.00 per 1000

GIANT PINK. Very large dark pink, brilliant throat markings. Very tall, strong spike.

\$1.00 per dozen; \$5.00 per 100

INDEPENDENCE. Light scarlet. Flowers very large, long spike; very attractive.

\$1.00 per dozen; \$2.00 per 100; \$15.00 per 1000 JOHN BULL. White, tinted sulphur.

\$1.00 per dozen; \$2.00 per 100

KLONDIKE. Clear primrose yellow, blotched crimson maroon; round flower, well open, an ideal for florist work; early bloomer.

\$1.00 per dozen; \$2.00 per 100; \$20.00 per 1000

MRS. FRANCIS KING. Beautiful flame pink, immense flowers on tall spike four feet and over high. Six to eight open at once; often twenty flowers on a spike, very attractive. \$1.00 per dozen; \$2.00 per 100; \$15.00 per 1000

MADAME MONNORET. Delicate rose. Very popular; late bloomer. \$1.50 per dozen; \$3.00 per 100

MAY. One of the best white varieties, flaked with crimson; fine for forcing.

50 cents per dozen; \$2.50 per 100; \$20.00 per 1000

PRINCEPS. Rich crimson, with broad white blotches across the lower petals. \$2.00 per dozen; \$12.00 per 100

SANDERSONI. One of the finest waxy whites grown. Center penciled lightly crimson.

\$1.00 per dozen; \$2.00 per 100; \$15.00 per 1000

SHAKESPEARE. Pure white, flaked and blotched rose. Extra for forcing. \$1.50 per dozen; \$5.00 per 100

TACONIC.Bright lively pink, flaked and stripedwith shades of the same color on the lower petals.Mark-ings deep crimson.Very strong vigorous grower, largeflower.\$2.00 per dozen; \$10.00 per 100

THE KING. Dark heliotrope, white throat. Very large, often six and seven inches across flower; fine when massed together for effective decoration.

\$1.00 per dozen; \$5.00 per 100; \$30.00 per 1000 WHITE CLOUD. White with lavender markings.

\$1.00 per dozen; \$2.00 per 100

GROFF HYBRIDS MIXTURE

		Doz.	100	1000
Number	1	\$0.40	\$1.00	\$8.00
"	2	5.55	.75	6.00
" "	3	.55	.50	4.00
"	4	.55	.25	2.00

FANCY MIXTURE

		Doz.	100	1000
Number	1	\$0.75	\$2.00	\$15.00
"	2		1.50	12.00
"	3	.25	1.00	8.00
" "	4			3.00

FIELD MIXTURE

	•	Doz.	100	1000
Number	1	. \$0.75	\$1.50	\$10.00
"	2	50	1.00	8.00
"	3	25	.75	6 00
"	4			3.00

All of blooming age, comprising colors and combinations of stripe and blotch, from all types and of the best the market affords. Hundreds of varieties, just as grown all from premium stock. Dozen rate prepaid. By 100 or 1000, charges collect.

CANNAS

Best foliage out-door plants. Plant in clumps. Grown mainly for foliage. Price 5 cents each, 40 cents per dozen, \$2.00 per 100.

LILY OF THE VALLEY

Strong roots, price 2 cents each, 20 cents per dozen, \$1.00 per hundred.

GOLDEN GLOW

One of the hardiest perennial plants. Grows anywhere. Bright golden yellow; free bloomer. 5 to 8 feet high. 5 cents each, 25 cents per dozen, \$1.50 per 100.

IRIS

Purple King. 50 cents per dozen, \$2.00 per 100.

Special Offer for 1915

Orders for Dahlias at catalogue prices for \$1.00 or over. accompanied by cash, give purchasers the privilege of selecting as a premium 20 cents worth for every dollar enclosed. This applies to Dahlias only. All other bulbs are net catalogue prices.

ALSO TAKE NOTICE

Please designate in ordering whether you want large sized bulbs and will pay transportation charges, or the mail order size sent prepaid.

Where the selections are left to me, and purchasers desire quantity regardless of quality, I will send 25 different varieties for \$1.00—small sizes prepaid, large express collect. Be sure to designate which you want when ordering. 50 for \$2.00, 75 for \$3.00, 100 for \$4.00, and 100 Dahlias and 100 mixed Gladiolus for \$5.00.





