
W. W. WILMORE

By W. W. WILMORE

Fiths mort mhould be in the hands of every Dahla growes, whether amatear or professional. It is a handSomety illustrated manual, written as a souvenir editon, comrnemorating my twenty-second year as a commerclal grower.

Fallure in growing Dahilas, nine times out of ten, is Alrectly tracesble to improper treatment or troubiea that could easfly be femoved tf thefr causes were known and understood. It was largely with this aim in slew
that I prepared this manual. The price is a mere trifte, and no grower should run the risk of failure when rellzble knowledge is within easy reach of all.

The work covers briefly the practical questions of Dahlla suleure, methods of propagation, Winter stovage, etc. This work whll be sent postpaid for $35^{\circ}$ cents, or, if requested, it whll be sent in adatition to regular premiums opth all orders amountins to $\$ 2.00$;

## Read What Others Say of This Work

## (A XEW OF Tस゙E MANY TESTMCOXCATS,)

"All tubers recelven trom vou hav April 18, 1915. quallty and the flowers most beanfliful. Mrs, Ferdinand Jotriles ia indeod a gem. MRS, E. T, EMLIOTS.

March $19,1010$.
"We trled your Diamond colfeotion or last Jear more as an experiment than anything else and were maze than pleased with the flowers.' They cortainly wore Seautiful,
"Tour treatise on Dahlia Cultare is the beat i have ever seen. it is the most edifying book to date. You deserve great credit for the chltumai bastructionis."
D. M. VAN NAMPI
"It far hara to get such pointèrs as jou so freely bestow in your book. Thank you ft the nimme of the many, lovers of this beautinul flower."

MHEO W. MOSES.
"T have read your Daklia Manusi and thiak it is the Dest work on the eulture of the Dalhia I have qeen. "

IF. R. EATOON.

Mhe Dahlia Manual at hand; it is oertalitly an up-totate and valuable plece of work. We wish to conscato lete you on same. IP, you intend to, put this book on the merket would Hile you to malse us prices. Whe have not as yet diacovered any book containing as miach valuable information th youra:"

PORTLANO STUED OO.

It is ah op-to-date and good all-round guide. Tha knowing how to place the tubers more that repays its cas?".

MRS. IL B. HODGES.
Ang. 2\% 1918.
The Dahlis recelved from you this season were fine arid the resusts surpass my expectation: I what to make special mention of Dr, Fi. B. Rusby. I think it Ons of the fluest I haveiever seen, fowers 6 to 8 inchế in dameter gnd is a fine cutting yariety. Amarllo and De, Perkiní are also fine."
w. R. HINDS.

March 25, 2413.
"The Dahilas received from. you last season were the frest and healthivit I ever recelved and the biooms the gnogt beautiful."
2. A. BODIE.

## Roswell, N. M., Feb. $88,1912$.

The Dahlia Mrs, Ferdinani Jefries kave us full satisfaction in quality, quantity and growth. The flowers were superb."
R. H. K.
"I have read this little book with much interest, and find it to be the most complete work on the Dahlla that it hove seen. I envy you your knowledge of this flower."
W. T, SHIELTON, Superintendent of Indian Schaoh

## Special Offer

## 

19 Oholoe Dahllas, ahl labeled, for $\$ 2.00$, Poptpria.
Thie list is arranged for those who wish a first-class collection of Dahlias bitt who are not famillar שith varieties and names, All are very fine varieties, selected, not onty best in color, bit embracing the wery best cutting varleties. The collection will be sent neatly packed and postpaid for $\$ 2.00$, froluding $\%$ copy of the Dahia Marual, if it is desired. Fuft yafue ot the Dahilas alone wauld be \$2. 8 F if bought gingly. Theze collections have prover yery popular.

In ordering, say "Diamond Collection" Xou will get the foliowing varleties;

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Duk. I, Y. Perkina
Dr. H, H. Rusby
svelyn Wilmore
Kalser Winhelm

Piak Peart.
La Grund Mrantou
Eobt. Broamfold
Temptation
Yera Curry.

Mendow Gola
Mrs Batge
Mry. H. गे Jomes

Thle collection 18 one shlectioncunlabeled. All doúble and no two aloke. Postpaly, In ordenine, say COHIFCTION NO.'2.

# W. W. WILMORE, Dahlia Specialist <br> ESTABLISMED 1886 

## DAMLIASo-1916



## JUSTYCE BAILEY (1916)

(Reduced in size.)
The most sensational Cactus Dahlia of the age. Specimens of this variety have measured $81 / 2$ inches in diameter and an average would be from 5 to 7 inches. The plant is dwarf in habit, attaining a height of 3 to $31 / 2$ feet, but with many side branches which later are almost covered with large, perfect blooms. Color, rich, glowing pink, shading a little lighter towards the center. Always full and perfect in form.

I have looked forward with pleasure to the time when I could introduce this grand Dahlia and now offer it fully convinced that it will meet the highest expectations. Stock is quite limited but I hope to be able to care for orders up to early planting time.

Strong tubers, $\$ 2.00$ each; $\$ 20.00$ per dozen.

## Dahlias That Made Denver Famous

## Two Extra Fine Dahlias--Introductions of 1915 .

Illustrationsshow the flowers much reduced in size.

Your new Dahlia Masterpiece, which you sent me last spring, ranks among the most beautiful. It was very noticeable that it came in for more attention than any other by the many people who visited my yard this summer. It is all and even more than you claim for it.
E. A. BODIE.


DR. HENRY SEWALI.

## Dr. Henry Sewall

A very large, handsome flower, with broad, flat petals, of the perfect peony flower now so deservedly popular. The color is so unique as to place it in a distinct class. In color it may be described as a pink fawn with slight amber shading at the base of the petals. A sturdy, rank grower, with exceptionally long stems. It has the highest recommendation. Height, $41 / 2$ feet. Price, strong tubers, $\$ 1.00$ each; $\$ 10.00$ per dozen.

## Wilmore's Masterpiece

A splendid companion for the Dr. Sewall. A gigantic flower of clear, pure color, without shading, borne on long stems, often 20 inches in length. Blooms early and continuously through the season. Color, clear rich tango. This variety has made good on all claims made for it when introduced last season. It is indeed a masterpiece. Height, 4 feet. Price, strong tubers, 50 c each; $\$ 5.00$ per dozen.

WILMORE'S IMASTERPIECE.


## A Third of a Century Among Dahlias

## TO MY MANY THOUSANDS OF PATRONS, GREETING:

With the dawn of the year 1916, I pass my thirtieth year as a commercial grower of Dahlias. The five earliest years were passed as an amateur grower. So far as known, I am by far the oldest specialist in Dahlia culture in this country; and issued the first exclusive Dahlia catalogue in the United States. These many years of practical experience among the Dablias places me in position to pass intelligently upon the Dahlia, its habits, needs and qualities.

Throughout all these years the Dahlia has steadily and rapidly grown in public favor. At the first it was confined largely to the amateur and private garden, but in later years it has become a very important item in the cut flower trade in all large cities. The varieties listed in the following pages are the best that money and skill could bring together-the cream selected from thousands of varieties tested in past years. My aim has been to combine quality rather than quantity. In my dealings with the people I have tried to treat each order as coming from a personal friend. This will explain in part the wonderful success which has attended my efforts. Each year I originate many new varieties and select only the best, and of these none are sent out until they have been tested for three years. To those who have never tested my stock I solicit a trial order, feeling confident my stock will give entire satisfaction.

## PRICES.

I do not claim that my prices are the lowest; nor have I coveted the reputation of running a "cheap place." Nevertheless, my prices will be found quite reasonable and even lower than others. REMEMBER, ALSO, THAT I SEND OUT STRONG TUBERS, NOT WEAKLY GREEN PLANTS. Special attention of patrons is called to the list of Hardy Herbaceous Plants. They thrive almost anywhere that a weed would grow, requiring only reasonable care to get them well established.

## HOW TO ORDER.

It would be well for each purchaser, when making out an order, to name several varieties as a second choice, for the reason that some of the varieties wanted may be out of stock when the order reaches me; or if not familiar with varieties, I will gladly make selections for you if you will mention the colors and forms wanted. Long experience places each variety before me as an open book.

## Terms Upon Which I Do Business

FIRST-The cash must accompany the order.
SECOND-Remittances may be sent in any way most convenient to the purchaser, but where remittances are made by $P$. $O$. order, extra stock will be given as recompense for the extra cost.

THIRD-Prices quoted include postage or express charges to all railway points in the United States, when purchased at retail, except where noted.

FOURTH-Club Terms: In lots of five dozen
ort over to one address, those varieties priced at $\$ 1.50$ per dozen will be sent for $\$ 1.25$.

FIFTH-One-half dozen may be ordered at dozen rates. 15 c varieties are figured at $121 / 2 \mathrm{c}$ in selecting six or more varieties.

SIXTH-Non-Warranty: I guarantee the safe arrival of goods by mail or express and will continue to use the same careful, painstaking methods in filling orders with stock of known vitality and of superior merit, but will not be responsible for future results or failures. Errors should be reported at once.

NOTE.-If you fail to find some old favorite listed in the following pages, it is because a newer and better variety has taken its place.

## Peony Flowered Dahlias

Figures to the right indicate height. Prices except where noted, 25 c each, $\$ 2.50$ per doz. Nearly All Are Fine for Cutting. (Strong Tubers.)

Ft. High,
Approximate.
BERTFA VON SUTTNER. Exceptionally large flowers of a salmon pink color with yellow suffusion. 50 c each............................................. COCONIFA (1916). Intense, vivid red produced on good stems. An early and free bloomer................ orange. Petals loosely arranged and curved. A free bloomer
CLEOPATRA. Oriental red, base of petals yellow, shading to bronze red; very showy................... DUKE HENRY. Brilliant red. Large broad petals. Very free bloomer.
DR. PEARY. Very large. Dark reddish mahogany. GEISHA. The showiest and most attractive of this type yet introduced. Petals very long curved and twisted. A rich combination of scarlet and gold, shaded to amber yellow. A queen among Dahlias.
 HORNSV\&ID. Rosy salmon. Flowers very large... mME. CURTELIN. Very large, fluffy flower of rich Oriental red
MISS KEELING. Mauve pink, shaded amber at the base of petals. Good stem and free flowering
OURAY. Deep blood red. Flower very large and rather loosely constructed. Stems very long..... PHENOMINE. Rich cream pink. Fine form, stems long, excellent cutting variety.
QUEEN EMMA. A magnificent sort that appears almost artificial. It is of a charming shade of mallow or Hollyhock pink.
QUEEN WILHELMINA. Immense, fluffy fiower of pure white, with yellow center..
SOUVENIR FRANZ IISZT, Dark purple, maroon.
Veined and shaded with white. Flowers very large and stems long. Very good.

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Dr. H. H. Rusby.
DR. F. H. RUSBY (1912). Very large, of ten 6 to 8 inches in diameter, an early and constant bloomer, producing its immense bright lemon flowers in profusion. Plant vigorous and healthy, extra
 THE CLARION. Carmine pink, shaded old gold, Stems long and erect.
TEMPTATION. Delicate creamy pink shaded to blush. Stems long. An excellent cutting variety.. VILLAGE BELIE. Very large. Color rich amber, heavily shaded with cherry. Long, erect stems. A fine variety


## - <br> Novelties and Dahlias of Special Merit <br> CACTUS VARITIES

(Newer Introductions Are Indicated by Date) Prices quoted are for strong tubers. Figures to the right indicate height.

## Ft. High,

Approximate.
AIIGET. Rich orange scarlet, very large and fine in form. Petals long and narrow, drawn to a sharp point. Stems long, holding the flower in fine position. 25 c each; $\$ 2.50$ per doz.
AMARIILO. A unique type which might be classed as a Peony cactus. Petals are very long and narrow, curving forward in a fantastic manner. Flowers are very large and borne on good stems. Color, orange shading to old gold at the base. A fine novelty. 25 c each; $\$ 2.50$ per doz.
AURORA. Soft pink, tinted white, with gold shading, very free bloomer, good stem. 25c each; $\$ 2.50$ per doz.
Charlas ciaxtoin. The strongest words of praise are not extravagant when applied to this wonderful cactus. Stems are long, holding the flowers well above the foliage. The color is a Flowers are large in size and are produced ereely. Price, 25 e each; $\$ 2.50$ per doz. .
CHIPETA (1916). A mammoth flower borne on very long stems which hold the flower erect. Rich amaranth red. A pleasing color. Flowers 5 to 7 inches in dlameter. Price, 50 c each; $\$ 5.00$ per doz.
CHARM. Petals long and regular, delicate salmon rose, changing to pale pink; often pink edged with salmon rose. Very fine both in color and form. 25 c each; $\$ 2.50$ per doz.
COUNTRY GIRE. Base of petals golden yellow, suffused with salmon rose, a bright and pleasant combination of color, difficult to describe. Flowers very large and perfect in form. Price, 20c each; $\$ 2.00$ per doz.


Ft. High, Approximate.
COUNTESS OF LONSDAIE. The freest-flowering Cactus Dahlia in the collection, and perfect in form. Color, an exquisite shade of rich salmon, with just suspicion of apricot at the base of the petals. 20 c each; $\$ 2.00$ per doz..
FAIRIES LANTERN (1916). A miniature cactus form. Exceptionally neat and chaste in form. Intense scarlet. Generaly marked with pure white. A little gem. 25 e each; $\$ 2.50$ per doz.
GENOVEA, One of the best yellow Cactus yet introduced; a splendid large flower on good stiff stems; fine for cutting; color a pleasing primroseyellow; early and free. 25 c each; $\$ 2.50$ per doz...
INGEBORG EGELAND. A strong grower with bright green foliage, presenting a picture of wonderful richness when combined with the large mass of deep scarlet blooms. Flowers are borne well above the foliage. 25 c each; $\$ 2.50$ per doz...
KREIMHILDE. Shell pink, shading to white in the center. A very popular cutting variety. 20 c each; $\$ 2.00$ per doz.
MARY SERVICE. A flower of exquisite form and unique coloring; purplish rose, shading to heliotrope. Fine for cutting. 25 c each; $\$ 2.50$ per doz..
MRS. W. K. JEWETT. A large, finely formed flower. Petals long and narrow, curving forward and giving a claw-like effect to the flower. Color, a pleasing orange scarlet. Very long stems, making it fine for cutting. 25c each; $\$ 2.50$ per doz....
MRS. FERDINAND JEFFRIES. Probably the largest Cactus Dahlia ever grown, often measuring over elght inches in diameter. In formation the flower is irregular, its long petals are curved and twisted, glving the flower a shaggy appearance. Color, deep velvety red, combining beautifully with the rich green foliage. 25 c each; $\$ 2.50$ per doz


Countess of Lonsdale

Ft. High, Approximate.
MRS. H. J. JONES. A beautiful large Dahlia, with long, claw-like petals, curving forward. Color, bright, vivid red, tipped and edged with pure white. Sometimes solid red, at others blush white. One of the best to date, 20 c each; $\$ 2.00$ per doz......
MASTER CARI. Safron yellow flowers, very large. A fine variety, 25 c each; $\$ 2.50$ per doz............
PINK PEARI. Mallow pink at the base of the petals, shading off gradually at the tips, the effect being a soft, rosy pink. Fine for cutting. 20 c each; $\$ 2.00$ per doz.
PERLE DE LYON. A large Cactus. Petals cleft at the tip. Pure white flower and borne on good stems. 25 c each; $\$ 2.50$ per doz........................
PROP. ZACHARIAS, Clear lemon yellow petals, long and straight; flowers well above the foliage. 20c each; $\$ 2.00$ per doz.
RAMONA. In this new cactus we have an ideal ting variety. The plant blooms freely and the stems are remarkably long, from 14 to 18 inches, holding its flowers in perfect poise. Color, clear soft scarlet. Large and full. 25c each; $\$ 2.50$

RHEINKONIG. Said to be the ideal white Cactus, which has been looked for so long. A robust, healthy grower, producing immense flowers of pure snowy white, on long stiff stems. Ideal for cutting, garden or decorative purposes. 25 c each: $\$ 2.50$ per doz.
VELVET QUEEN (1915). Dark rich red of perfect form. Stems long and wiry. A profuse and constant bloomer. a fine variety. 25 c each; $\$ 2.50$ per
VET
Stems long and erect. dark red without shading. Stems long and erect. A large fine flower. 50 c each; $\$ 5.00$ per doz.......................................


Fairies Lantern

# Novelties of Special Merit 

Strong Tubers. Figures to right indicate height.


Dr. I. B. Perking
Ft. High, Approximate.
Conors. (The Carnation Dahlia.) A miniature decorative form, fully double and of purest white. Its wonderful freedom of bloom, pure color and chaste form places it at once at the head of the list as a florist's flower. At a little distance it would be pronounced a carnation, which it resembles both in size and form: 20c each; $\$ 2.00$ per doz.

CORA GILBERT. A show Dahlia. In form a perfect model, rounded and full with a high center; petals beautifully quilled. Color, creamy pink, beautifully shaded. Stems very long. 25 c each; $\$ 2.50$ per doz. $\qquad$


Corona

Ft. High, Approximate. BERTHA BERNSTEIN (1916). (Originated by Geo. W. Gero.) A fine large flower. Petals beautifully quilled on the order of the well-known Grand Duke Alexis. Stems long and rigid. Color, dark lav* ender. In the twilight hours giving a decided blue shading, an unique color. Very good. Price, 50c each: $\$ 5.00$ per doz..
DELICE. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting, and one of the most decorative sorts in the garden. 20c each; $\$ 2.00$ per doz...
DOROTHY PEACOCE. (Show.) Shell pink, shading to white in center. A good cutting variety. 25 c each; $\$ 2.50$ per doz
DREER'S WHITE. (Show.) Pure white, resembling in form the popular Grand Duke Alexis. 25 c each; $\$ 2.50$ per doz.
DUCHESS OF AIBANY. (Fancy.) A massive large flower, pale orange or fawn streaked and marked with red. 25 c each; $\$ 2.50$ per doz..
D. M. MOORE. (Show.) A flower of mammoth size, produced in profusion on long, stiff stems. Its color is a deep velvety maroon. It has no equal in its color, 25 c each; $\$ 2.50$ per doz................
DR. I. B. PERKINS. (Show, 1913.) An ideal white show Dahlia. Its large, pure white flowers are borne on very long stems which hold the flower free above the follage. Excellent for both cutting and garden decorations. A healthy grower, reaching a height of five feet. 25 c each; $\$ 2.50$ per doz.
ELEANOR STISSER. (Decorative, 1914.) A new decorative introduced in 1913. Flowers are very large and full. A sturdy grower with long stems. Color, buff shading to pink and old rose. A pleasing autumn shade. Fine. 25c each; $\$ 2.50$ per doz.


Ft. High, Approximate.
FIRESTONE (1916). (Show.) An ideal cutting variety. Stems long and rigid. A large bold flower. Blooms freely and keeps well after cutting. Vivid clear red. One of the best. Price, 25c each; $\$ 2.50$ per doz.
GIFN FYRIE. (Decorative) A superb lemon yellow. A large, finely formed flower, borne on good, stout stems. Some of the flowers show tips of white. 25 c each; $\$ 2.50$ per doz........................
GOL. MEDAT. (Fancy, Golden yellow, streaked and dotted with red. A large, rounded flower, $20 c$ each; $\$ 2.00$ per doz.
GRAND DUKE ATEXIS. A magnificent Dahlia of the largest size. Its petals are beautifully quilled, giving it a very unique appearance. Its color is pure white, if slightly shaded, but overspread with delicate lavender when grown in bright sunlight. Undoubtedly one of the best of the show varieties. 20 c each: $\$ 2.00$ per doz.


## Meadow Gold

GAIFTY, A superb new decorative, vivid scarlet, heavily marked with pure white. It is a variety far above the average of the fancy type. It proved an excellent cut flower variety during the past seasons. Stems are long and flowers are produced freely. 25 c each; $\$ 2.50$ per doz.......................
GIGANTEA. (Decorative.) Creamy white, very large, of fair quality. Strong tubers, 25 c each; $\$ 2.50$ per doz.
GOLDEN SPRAX. (Show, 1914.) "An" immensé flower borne on long stems and produced in pro-

IA FrANCE. Brilliant rose-pink, similar to the rose with the same name. Flowers are gigantic, loosely built and resemble in shape a large double peony. 20c each; $\$ 2.00$ per doz.........................
I.A GRAND MANITOU. (Decorative.) An immense flower. Color, purple streaked and mottled with crimson. Sometimes solid purple. Very attractive. 25 c each; $\$ 2.50$ per doz.

Ft. High, Approximate. fusion. Bright golden yellow. A superb variety for cutting; 25 c each; $\$ 2.50$ per doz........
HALCYON. A show Dahlia of dwarf habit rarely attaining a height of over 3 feet. Clear soft pink flowers, rounded and full. A very free flowering variety. Stems Iong, 25 c each; $\$ 2.50$ per doz.
JEANNE CHARMET, A decorative variety of exquisite form and color. Flowers are very large and stems exceptionally long. Color, a shading of pink lilac, each petal edged with white. Very fine. 20 each; $\$ 2.00$ per doz.

IAJARA (1916). (Anak.) A superb yellow show Dahlia. Very large, borne freely on long stems. Rich golden yellow. 25 c each; $\$ 2.50$ per doz. $\qquad$
MANITOU. (Decorative.) Immense size-often eight inches in diameter. The color is pleasing, being an amber bronze with a distinct shading of pink. Not suitable for cutting, as the flower is too large and the stems rather short. 25c each; $\$ 2.50$ per doz

MANZANXTA. (Show.) Clear, rich, lavender, the purest of its color yet introduced. Stems are long and rigid, making it an exceptionally good variety for cutting. This variety will undoubtedly lead all the lavender colors. 20 c each; $\$ 2.00$ per doz...
MEADOW GOLD. (Decorative.) Flowers very large borne on extra long stems, 18 to 24 inches. Color, primrose yellow, faintly tinged with delicate pink, changing to lemon yellow late in the season. 25 c each; $\$ 2.50$ per doz.
MME. MARZE. (Decorative.) A fine white Dahlia of immense size. Fully as large as the well-known Mrs. Winters, but has better stem and keeping qualities. An early and free bloomer. Fine in all points. 25 c each; $\$ 2.50$ per doz.
MME. DAEL. (Mme. Van den Dael,) An immense decorative Dahlia that has proven a favorite with all and is justly entitled to first place among all the shell pinks. S'tems are exceptionally long and wiry, bringing the immense flowers above the foliage. Color, soft shell pink. A noble Datilia. 25 c each; $\$ 2.50$ per doz.
MME. A. TUMTER. variety. A very distinct variety; ground color white, suffused towards the ends of the petals with red, the tips being pointed with bright violet-red. 25 c each; $\$ 2.50$ per doz...
MRS. THOS. BURCE (1916). (Decorative.) Rich old gold, sometimes marked with pink, shading to fawn. An ideal autumn shade and one of the very best of the autumn tinted varieties. Flowers full size, stems long and rigid, fine for cutting. Price, 25 c each; $\$ 2.50$ per doz.

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View Showing a Bed of Mrs, Winters to the Right.
Ft. High, Approximate.
MRS. WINTERS, (Decorative.) This superb white Dahlia is now so generally and favorably known that an extensive descriptinn is not necessary. Always reliable, always satisfactory. As a white it has neither superior nor equal. 20 c each; $\$ 2.00$ per doz.
MRS. ISABEL J. SEWALL. A decorative variety of a beautiful fawn shade. Flowers large and full. A very unique and attractive color, suggesting the rich shading of silk. Distinctive from all other Dahlias in this type. 20 c each: $\$ 2.00$ per doz.
MOONBEAM (1916). (Decorative.) An immense flower borne on excellent stems. Color, clear canary yellow. One of the very best of the light yellows. Plant a sturdy grower. Blooms very freely and an excellent keeper when cut. 25 c each; ${ }^{\text {and }}$ an excelle
MONTEZUMA (1916). (Decorative.) An exceptionally fine flower, borne on long stems. Color, orange bronze, flowers large and full. A fine variety for autumn decoration. 25 c each; $\$ 2.50$ per doz.
PROF. MANSFIELD. (Decorative.) Flowers very large, but stem rather short. Color, a combination of yellow, bronze and red, sometimes producing solid flowers of one color. 25 c each; $\$ 2.50$ per doz.
Portora. "A superb Dahlia with most remarkable variations of color and also in its petal formation. Plant is strong in growth, with fine erect stems. Color, pale pink, margined with clear orange bands. Sometimes almost solid orange, orange bands. Sometimes almost solt In either color it is superb. 25 c each; $\$ 2.50$ per doz.



Ft. High, Approximate.
REESE VON STUTTGART. (Decorative.) A gigantic flower. Deep purple red, very attractive. Robust in habit. 25 c each; $\$ 2.50$ per doz.
swow Baxc. (Show.) A pure white flower. An ideal as a cutting variety. Stems are long and rigid. Flowers keep well after cutting. An early and profuse bloomer. 25 c each; $\$ 2.50$ per doz.....
SOUVENIR DOUZON. (Decorative.) An immense flower with broad, flat petals and full to the center. This one is undoubtedly the largest red in the decorative section. 20 c each; $\$ 2.00$ per doz...
STARLIGHT. (Decorative, 1914.) A decided acquisition among the fancy decoratives and perhaps the gayest color in the entire list. Flowers are uniform in size and color and produce in great profusion. Color, each petal carries two and some four stripes of red on a white ground. Good stem and thrifty growth. 25 c each; $\$ 2.50$ per doz.
UMATILLA. (Decorative.) Another grand Dahlia of superior merit, either for garden or home decoration, to which it is especially adapted by reason of its remarkably long stems and splendid keeping qualities. Color, deep blood red. 25 c each; $\$ 2.50$ per doz.
VERA CURRY. (Show.) A giant flower borne on very long erect stems, cream pink. A very effective combination of color. It has no superior in its class. 25 c each; $\$ 2.50$ per doz.
W. W. RAWSON. (Show.) An exceptionally fine large flower produced on long stems. Color pure white overlaid with delicate lavender. Similar to the popular Grand Duke Alexis, but a better bloomer. 20 c each; $\$ 2.00$ per doz..

## Standard Cactus Dahlias

Strong Tubers. Price, 15 c each; \$1.50 per doz, postpaid

Ft. High, Approximate.
AMBASSADOR. Pure white, medium size. Flower held erect on good stem.
Amos PrRRY. Large flower, petals long and curved. Intense scarlet, good...........................
ALABASTER. Pure white. A small, finely formed flower. Fine for cutting.
BADENIA. Color, a clear bright orange, striped and flecked with bright red. Petals very long and curved towards the center
CLARA STRADWICK. Clear, bright, salmon shaded yellow, large and full
CAPSTAIN. Soft red, tinged apricot, a very free bloomer
CREPUSCULE. Lemon shading to pale buff. Flowers large and full.
CORNUCOEIA. A superb varlety; petals very long and regular in form. Deep vermilion, shading and regular in form. Flowers large and produced in profusion.
Comet. Lavender pink streaked with erimson....
COCKATOO. Color varies from pure white to yellow, often combining the two.

GENESTA. Rich orange bronze, A fine atutum shade.
GEN. BULTER. Cardinal with crimson shading. Each petal tipped with pinkish white. Stems long. An extra flne Dahlia
HARBOR IIGHT, A handsome variety, with large, fine form; petals long and narrow, dark red with shading of apricot in the center.
HUNGARIAN. A finely formed flower born on long stems. Pure old gold shade, A very attractive flower
ICEBERG. Color, pure white, shading to greenish white at the base of the petals. lilower very regular
IVANEOE. Light salmon. Petals long and narrow.
JUGEND. Bluish white; stems long, holding the Hower above the foliage. Petals narrow with open funnel-shaped tip. Good for cutting
J. H. JACKSON. A tall growing variety, producing its fincly formed flowers on long stems. Color, brilliant crimson maroon
IENAN. Amber pink; a fine pleasing color. Flowers large and full. A first-class variety
MRS. H. MUIR. Salmon pink, sometimes marked with white. Petals long and curved..
MRS. BENNETT. Soft crimson, large and well formed, petals broad and pointed.
MRS. PEART. Color, a delicate creamy white......
MRS, CHAS. TURNER. Extra large, with long, pointed petals and perfect in form. Bright lemon yellow

Ft. High,
Approximate.
MKKADO. Bright crimson petals, long and pointed. 3
MAID OF ATHENS. Amber yellow shading to fawn. Fine form

4
OLIVE TRACY. Clear canary yellow, a delicate color, produced on long stems.

3
PRINCESS YETIVE. Delicate pink,-shading to amber; a blending of colors too delicate to describe by word.
PRINCE OF ORANGE. A beautiful form. In color a blending of apricot and bronze. Very free......
PIUS X. Pure white. Fine, both form and habit... 3
民EV. D. R. WIXLXAMSON. Dark purple maroon. Very large and of exquisite form. Stems very long, fine in all points

4
STANDARD BEARER. Rich fiery scarlet, one of the very best

3
SPOTLESS QUEEN. Purest white, an excellent variety for cutting purposes

4
SCHWAN. Pure white. Petals long and narrow... 3
success. Pure yellow, petals long and curved.... 3
VICTOR VON SCHEFELE. Shell pink shading to white. Good

4
VENTURA. Yellow shading to amber. Very free.. 3
UNCLE TOM. Dark maroon, almost approaching black. Fine shaped llower with good stem.........
ZEPHYR. A light feathery cactus form of unique coloring, rosy pink, shading to heliotrope.........

# Standard Decorative Dahlias 

# Strong Tubers. Price, 15c each; \$1.50 per doz., postpaid 

AUTUMN GLOW. A very large, full fower, blooming well above the follage. Color, bronze yellow, giving varied shades of autumn tints..............
AMERGERONE. A very large flower, deep plum purple
A. F. BISFOP. A rich, clear lilac-i color hitherto unknown in this type.
ATAMEDA. Buff pink, sometimes wholly one color. Large
BIACK PRINCE. Very dark, almost black. A large line flower with fine long stem.
CROWN OF GOLD. Rich bright tan or old gold. Flowers well formed and general habit of both plant and flower is good.
CREOLE. Clear amber, large and full; good hablt..
CONGO. A very dark tlower. Good form............
DR. GATES. Beautiful shell pink, shading to blush at base of petals; stems long. An excellent variety for cutting
DR. MUIR. Apricot, shaded to bronze. An early and free bloomer
EUGENE TEELE A very lime Jeap swartet, moAluced on long stems; valuable for cutting........
GRAND MOGUL. Scarlet tipped and streaked pure white
GOVERNOR WIISON. A fine decorative Dalilia, especially recommended as a cutting variety. l3right, fiery scarlet.

Ft. High,
Approximate.
COLDEN SUN. A large massive flower, golden yellow, shaded lighter in the center.

4
GOLD OF OPHIR. Old gold shading to amber. Large and full..

4
JACK ROSE. brilliant crimson-red, rich and glow*ing, similar in shade to the popular Jack Rose, which suggested its name.
IYNDEURST, Scarlet or vermiliion. A noble flower.
HAVENDER BEAUTY. A clear, soft lavender shade. Petals deeply serretted.
MAID OF KENT. Intense scarlet, variegated with pure white; frequently a solid scarlet:
MINNIE MCCULIOOUGH. A remarkably free bloomer of medium size. Rich amber tinted rose.......
MRS. HARTONG. Very large and exquisite form. Color, light fawn, suffused with pink. Very handsome
MRS. LINDEE. Blush pink, fine in color and form. Early and free; fine for cutting. .
MRS. T. F. DE WITT. Clear amber yellow, fine form
MANZANOLA. Intense vivid red. Flowers are large and finely formed, showing well above the foliage. NAVAJO. For richness of color this decorative Dahlia has no equal. A most intense red, with violet shading
SULTANA, (Decorative.) Rich amber yellaw, streaked and dotted with bright red, Flowers early and free
SYLVIA. Soft pink with lighter center. Long stiff stems. A profuse bloomer, fine for cutting.

4

4

## Show and Fancy Dahlias

Strong Tubers. Price, 15c each; $\$ 1.50$ per doz., postpald

Ft. High, Approximate
ANNIE MOORE. A fine variegated flower of medium size. Color, a beautiful combination of cherry pink and white
A. I. CEASE. Creamy white, streaked with purple; sometimes solid purple
A. D. LIVONI. Rich pink, finely formed. A very handsome flower
ARABELJA. Pale lemon, shading to primrose at the tips
BON TON. A fine ball-shaped flower of a deep gar net red. An extra fine Dahlia.
BON MAZA. (Uncertainty.) An odd Dahlia, but one of the best. White ground, streaked and marbled in a curious manner with bright red.....
CREAM OE TEE VAL工EY. Creamy pink, shading to a crimson tip. Very large and regular in form.
FRANK SMLTH. Rich dark maroon; somelimes tipped with pure white, shaded into pink. One of the best
FIRE BAIL. A most intense dark red, with long stem
FLoFAL PAEK JEWEL. IRich purple red, tipped and striped with white. Sometimes solid color. Very early and free..
FASCINATION. Rosy pink. Flower rounded and full
GLOEI DE IXON. Pure white. The largest white show Dahlia in cultivation; round as a ball.
GOLDEN TEEASURE, A beautiful burnt orange color. Flower large, well formed and full to the center
IGNACIO. A remarkably healthy, strong-growing plant, with long stems and large, full flowers. A deep, clear red
JUANITA EORD. Flowers very large, borne on long stems. Color, deep cardinal red. An excellent variety for cutting.
JAMLES SERVICE. Almost black, rounded and full stems. Very long; fine.
KATE HASLAM. A beautiful soft pink. Petals beautifully quilled
KAISER WIIHELM. One of the grandest flowers in cultivation. Of immense size and perfect form. Deep yellow, tipped and shaded with cherry red...
IADY misDmay. A very beautiful flower. White ground, shaded to pale lavender. Very large and full. A free bloomer.
LUCY EAWCETT. Sulphur yellow, streaked and flecked with crimson. Fine.
mISS DODD. Purest yellow, of exquisite form and color. A remarkably handsome flower.
MISS RUTE. Lemon yellow, tipped with pure white; sometimes clear yellow.
MRS. BAGGE. A beautiful Dahlia in both form and color. A pleasing old rose color. Flowers are large and full, and stems long and erect...


Fancy Dahlia
Ft. High, Approximate
mozocco. Large, well-formed blooms. Dark maroon, often tipped with white. Fine.
PIONEER. Dark maroon, sometimes almost black. One of the best among the dark colors.
PURPLE GEM. Rich royal purple, clear and constant. This variety is a decided improvement over the old varieties. A first-class flower
QUEEN OE YELLOWS. Fine clear yellow. An early and very prolific bloomer..
QUEEN VICTORIA, Canary yellow. A fine shaped bloom produced on long fine stems..................
ROBT. BROOMFIELD. Pure white, of excellent form. Highly recommended............................
SAmMON QUEEN. Buff salmon, rounded and full..
sNow. A beautiful pure white, long stem. Excellent for cutting. .............................................
STRADELLA. Large purple flower rounded and full
THE BAEON. A strong, robust grower, producing bright yellow flowers, sometimes tipped with white. In form the flower is nearly round. Stems long. An excellent variety for cutting.
VERTDIFLORA. A natural curiosity. Its fowers are as green as the foliage, and are produced in profusion
White swan. Pure white, medium size.
YELLOW DUKE. Similar in form to the popular Grand Duke Alexis. Color, clear bright yellow.

## Pompon List

Price, 15 c each; $\$ 1.50$ per doz., postpaid.

## Ft. High,

Approximate.
BACCFIUS, Clear, brlght red. Rounded and full.
CATEERINE. Bright yellow. Good form and stem. DARKNESS, Very dark maroon. Extra fine. E. C. WINTER. Rosy buff, tinged primrose. E. C. WINTER. Rosy buff, tinged primrose........ 3
zew wic POLWIz. Very free. Color, red and white
3 IsABzI. Vermillion. Very fine..
工ITTLE PRINCE. Quite small. Widely varied in color from deepest red to pinkish white.

Ft. High, Approximate.
PURITY. Pure white, well rounded and full. A prolific bloomer
PUEE LOVE. Beautiful lilac............................. 4
SCARIET GEM. Wach part of the name is correct-
ly! descriptive
STAR OF THE EAST. Purest white. A free bloomer. Excellent for cutting.

## Single Dahlias

Ft. High, Approximate
BLACK BIRD. A distinct variety with dark purple follage, producing a wealth of vivid red flowers; a fine variety.

4
BLUSE CENTUEY. A fine cutting varlety by reason of its long stems and abundance of flowers. Color light pink or blush. A gem...................
LADY LOVE. A fine single varlety; faultless in both form and color; borne on an ideal stem for cutting. Color, light canary yellow, shaded to pure white. A lovely flower..
RRES. VIGER. (Collarette.) Carmine red, yellow disc surrounded by a frill of pure white miniature petals. Very attractive..........................
SCAELET CENTURY. Bright vivid scarlet on very long stems, petals broad and evenly arranged. The best of all the red singles.
SENSATION. A semi-double, scarlet tipped white; fair quality
TWENTIETE CENTURY. Now so well known as to require but little description. Intense rosycrimson, tipped with white and having a white band around the disc.


WHITE CENTURY. Similar to the foregoing, except as to color, which is the purest white. Nothing equal to it among the whites.....................
Price of any of the above singles, strong tubers, 20 c each; $\$ 2.00 \mathrm{doz}$.

## Gladiolus

Among the summer flowering bulbs the Gladiolus has few, if any, equals. They are easily satisfied, both as to soil and location, doing equally well in beds, rows or interspersed among small shrubbery. Good cultivation is desired, but heavy fertilizing should be avoided.

The following groups represent the best of both new and old varieties. These are so arranged as to give a good range of color in each group. May be ordered in sets by group number:

## GROUP NO. 1

America. Soft flesh pink. Extra fine.
AUGUSTA. White lavender anthus, long spikes,
BRENCHLEYENSIS. Bright vermillion scarlet.
INDEPENDENCE. Bright pink, shaded throat.
KLONDYKE. Primrose yellow, dark throat.
MRS. ERANCES KING. Vivid scarlet, lonk spikes. Price, 6 c each; 60 per doz.; set of 6 for $30 c ; \$ 3.50$ per 100 .

## GEOUP NO. 2.

BARON EUXAT. Deep rich purple.
GLORY. Cream pink, striped crimson.
GIANT PINK, Brilliant pink, dark throat.
PRINCEPS. Dazzling scarlet, white throat.
sNow BaNK, White, red marking in throat
TWENTIETH CENTURY. Blood red, long spike. Price, 10 c each; $\$ 1.00$ per doz.; set of 650 c .

## GROUP NO. 3

GOLDEN KING. Bright golden yellow with crimson marking. 20 c each; $\$ 1.75$ per doz.
GOLDEN WEST. Brilliant orange scarlet: 20c each: $\$ 1.75$ per doz.
IILY LEEMAN. Pure white tinged blush. 15 c each $\$ 1.50$ per doz.
MRS. ERANK PENDLEMON. Brilliant red shaded carmine. 25 c each; $\$ 2.50$ per doz.
PANAMA. Pale pink, extra large and fine. 25 c each $\$ 2.50$ per doz.
peace, Pure white, pale lilac marking. 20c each $\$ 1.75$ per doz.; set of 6 for $\$ 1.00$.

## GLADIOLUS IN MIXTURE.

A cholce collection of many colors in mixture, suitable for massing. 40c per doz.; $\$ 3.00$ per 100

[^0]
## Peonies

Fine, hardy plants, fivaling the rose in perfection of bloom, color and fragrance. They are at home in any climate or soil, but thrive best in a deep, rich, well-drained loam. They make a gorgeous display planted in beds, on the lawn, or planted singly along the walk or herbaceous border. The Peony is perfectly hardy and senerally able to care for itself, but it does not follow that they enjoy neglect. Give them ample room in which to grow, keeping them free from weeds and grass, and they will amply repay all the care given. A word to beginners: Don't be alarmed when you see your newly set Peonies begin to turn brown in July and appear to be quite dead by August. This is natural. They will be on hand again in the spring.

The following varieties embrace a wide range of color and will be found very satisfactory:

Prices, except where noted, 25 c each; $\$ 2.50$ per doz.

DORCHESTER. (Richardson's Pink.) Clear light pink.

DUKE OF WELLINGTON. Ivory white with creamy white center. Very large.

EARIX ROSE. An early pink; blooms in clusters; very fragrant.

FESTIVA MAXIMA. A rare variety of great beauty. Exceedingly showy and of large size. Pure, snowy white flaked with small crimson spots at center. Finest white in cultivation. Price, 50 c each.

GRANDIFLORA ATBA. Large, pure white. Blooms late.

GOLDEN HARVEST. Silver pink, changing to white. Center yellow.

GOLDEN CENTER. This is not a large Peony, but is a very good one. Pure white, pale yellow center.

HUMEI. Rosy pink. Very large and full. Should be mulched heavily to bring its Howers to perfection.

IADY IENORA BRAMWELL. Very large and sweet. Silver rose.

Late rose. Similar to Early Rose, only it blooms later in the season. It is a fine rose-scented llower.


## Field of Peonies in Full Bloom.

MLAD, BREON. Flesh and lemon, changing to white.
MARIE LEMOINE. Late flowering creamy white, 50 c each.

MODEX DE PEREECTION. Silver pink. Large and sweet.

OPFICINALIS RUBRA. (Old Red). Flowers of a bright crimson, quite double and globular. Very early, and fine.

PRINCESS BEATRICE. Pink gard petals, center creamy pink.

QUEEN VICTORIA. A good-sized flower; outside pure white, center creamy white; inner petals usually tipped carmine.

RICHARDSON'S GRANDIELORA. A very large bolk flower. Veep crimson. One of the latest to bloom. Very good. 50c each.

RUBRA GRANDIFLORA. Blood red. Extra large size. A fine late varlety. 50 c each.
ROSEA SUPERBA. Fine, full rosy pink. Extra choice flower. Very free bloomer.

VELIE DE NANCY. Dark crimson red, large globular flower, 50 c .

SPECIAL OFPER. One each of the above, 20 for $\$ 5$.

## Hardy Herbaceous Plants

Prices, except where noted, 10c each; $\$ 1.00$ per doz.

For Permanent Planting in Garden, Borders, Cemetery Plots, Etc.

## STRONG FIELD-GROWN RLANTS.

No flower garden is complete without a collection of these most valuable plants. With a little care they may be selected so as to give a continuous supply of flowers from early spring to autumn frosts. They refuire far less care than the annuals of bedding plants, and may be used to good advantage to flll odd corners,
along fences, and to screen unsightly objects. They are perfectly hardy, and yet for winter they should have a slight covering of leaves or other litter. Care should also be taken to prevent pools of water standing on them during winter. I will gladly make selections for those not familiar with hardy plants if they will inform me as to space to be fllled.


#### Abstract

ACEITLEA.

\section*{(Milfoll, or Yarrow.)} "THE PEARI." Flowers borne in greatest profusion the entire summer on strong, erect stems, two feet high, of the purest white. As a summer cut-bloom it is of great value.

ACHILLEA ROSEUM. (IROSy Milfoil.) Finely cut deep green follage. Flowers pink in dense heads. 18 inches high and flowers all summer. Well worth growing, both as a border plant and for cutting.

BOLTONIA ASTEROIDES. (False Camomile.) As-ter-like flowers. Pure white and very showy. Grows to a height of four and five feet. One of the vest hardy perennials.


BLEEDING HEART. (Dielytra Spectabilis.) A inardy perennial plant producing graceful sprays of heart-shaped pink and white fowers. Price, 20 c each; $\$ 2.00$ per doz.

BACCONIA-CORDATA. (Plume Poppy.) A rank growing plant, suitable for large grounds or for screening unsightly objects. Ornamental silvery foliage, producing large sprays of creamy white flowers. Grows to a height of 7 feet.

COREOPSIS IANCEOTATA. A beautiful hardy border plant. Grows 30 inches high, and produces its bright golden-yellow flowers in great profusion the entire season. It makes a handsome vase flower when cut, and should be grown in quantity whenever flowers are wanted for table decoration.

## COLUMEINE.

(Aquilegia.)
CORRULEA. The beautiful native species of the Ilocky Mountalns. Very broad flowers, three inches or more in diameter. The outer petals and lonc spurs are deep blue. Center of flower creamy white. Grand for cutting or border work. Thrives best in the shade. Prices, 15 c each; $\$ 1.50$ per doz.

ChRysantra, (Golden Spurred Columbine.) Grows $21 / 2$ feet high, forming a bush 2 to 3 feet across, which is covered for two months with golden yellow flowers with long spurs. One of the most distinct of the family.

CANTERBURY BELIS. Fine, showy plants, producing a profusion of bell-shaped flowers in white, pink and various shades of blue. Fine for massing.

DELPHINIUM. (Perennial Larkspur.) The oldfashioned very dark blue variety. Three to four feet.

GOLDEN GLOW. (Rudbeckia.) The plant is comnact, growing 6 to 8 feet high, producing numerous stems which are laden with double golden-yellow flowers.

GYPSOPFILA PANICULATA. (Baby's Breath.) A beautiful perennial. When in bloom it forms a symmetrical mass 2 to 3 feet in height, of minute, pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers.

GYPSOHILA FI. PI. A double form of the above. Blooms two weeks later. Each floret is densely double. The most valuable introduction in recent years. Price, 25 c each; $\$ 2.50$ per doz.


## Bed of Alaska Daisies.

GAILLARDIA. (Grandiffora.) Beginning to flower in June, they continue one mass of bloom the entire summer. Flowers three inches in diameter. Center dark reddish-brown. Petals vary from scarlet-orange to crimson.

GOLDEN ROD. A strong growing plant, producing rich golden jellow bloom in July and August.

HARDY ASTERS. (Michaelmas Daisies, or Starworts.) These are among the showiest of our latellowering hardy plants, giving a wealth of bloom at a season when most other hardly flowers are past. I offer three colors only-blue, white and light lavender.

HARDX MARGUERITE. A well-known hardy daisy, growing about three feet high. Flowers pure white, with bright yellow center.

HOLLYHOCKS. (Double Strong Field Roots.) As a background in large borders or beds of the lower herbaceous plants, there is nothing better. For planting in rows or groups on the lawn, or interspersing among the shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camelia, form perfect rosettes of the most lovely shades. Separate colors.
Buff, White, Xellow, Maroon, Red, Pink, Blush, Black.
HOLLYHOCKS.. (Allegheny or Everblooming.) The mammoth flowers are wonderfully formed of loosely arranged, fringed petals, which look as if made from the finest China silk. A wide range of colors in mixture only.

HARDY PINKS. (Dianthus Chinensis.) This oldtime favorite is well deserving of a place in every garden. They occupy but little space, and yet produce a profusion of richly hued flowers of delightful fragrance. Mixed colors.

HARDY PINES. (Grass or Clove Pink.) The oldfashioned border pink. Delightfully fragrant. Popu= lar in all border work. Many colors mixed.

HEMEROCALLIS. (Lemon Lily.) A most useful variety, growing about two feet high, with clusters of lily-like flowers of a rich yellow; very sweet.

THUNBERGII. Similar to the above, only it blooms a full month later and is more sturdy in growth. Stems from 3 to 4 feet long.

HELENTUM. (Sneeze-wort.) A fine late blooming plant, producing flowers of various colors of yellow and bronze, with brown center. Continues in bloom after severe frost.

HARDY POMPON CHRYSANTEEMUMS. The hardy Chrysanthemums are becoming more and more the queen of autumn. They continue to bloom long after all other flowers have died away, and even "the last rose of summer" has faded and gone. "The following are among the best colors:

Eed, White, Yellow, Pink, Puxple.
HIBISCUS. (Crimson Eye.) An immense white llower with a crimson eye. Perfectly hardy. Blooms freely from mid-summer until killed by frost.

IRIS. (Germancia.) Large flowering varieties. Excellent for either borders or massing. I carry the following colors:

Blue, Creany White, Purple and White, Bronze, Lavender, Orange Yellow, Bronze Purple, Pink.
IRIS PALLIDA DALMATICA. The finest of the German lrish, growing in good soil to a height of 4 feet. Massive llowers.of clear rich lavender, delightfully fragrant. 15 c each; $\$ 1.50$ per doz.

Iris siberica. Deep blue, slender, graceful stems. A fine cutting variety.

IRIS MISSOURIENSIS. A native Iris with delicate sky blue flowers, excellent for cutting or border work, grows to a height of 15 inches.

IYSIMACHIA, (Loose-strife.) A fine hardy plant, about two feet high, with long, densa re-curved spikes of pure white flowers, from July to September.

MONARDIA. Showy plants. Aromatic foliage, producing spikes of bright scarlet flowers. Blooms in July and August. Two feet high.

ORIENTAI POPPY. This poppy is perfectly hardy. Its large orange scarlet flowers make it one of the most showy of all plants.

PLATYCODON GEANDIFLORA. (Chinese Bell Flower.) Blooms freely from July to September. Flowers are bell-shaped and dark blue in color. Quite hardy.

PARADANTHUS. (Blackberry Lily.) Lily-like flowers of a bright orange color, followed in September with seeds which resemble blackberries.

PHYSOSTEGIA. (False Dragon Hood.) Soft pink, forming dense bushes 3 to 4 feet high, bearing spikes of dellcate pink flowers.

SWEET WILLIAM. Too well known to require description. A general favorite with all. Mixed colors only.

SPIEEA EILIPENDUTA. (Double Drop Wort.) A very hardy plant, with fern-like foliage, throwing up numerous flower stems, literally covered with miniature double white flowers. Very graceful.
SPIREA ULMARIA. (Meadow Sweet.) A tall variety, about 3 feet high, producing double white flowers during June and July.
SHASTA DAISIES. (Burbanks.) Alaska. Immense snow white flowers, 4 inches in diameter. Blooms through the season. The best daisy in the list. (See cut.)

Price, 15 c each; $\$ 1.50$ per doz.
ST, BRUNO'S IILY. A beautiful plant, with narrow, grass-like foliage and long spikes of white, fragrant, lily-like flowers in May and June.

SAGE. Used chielly for dressing and sauces, but produces long sprays of blue flowers in August and September.

TIGRINUM EL. PL. (Double Tiger Lily.) A doubleflowering form.

VAIERIANA OFFICINALIS. (Hardy Hellotrope.) A tall variety, producing fine heads of pale pink flowers in June and July, with a strong hellotrope odor. A fine nlant.

## Hardy Phloxes

Among the hardy perennial plants, no class is of more importance than the Phloxes. They are of the easiest culture, Howering well in almost any soll or location. They embrace a wide range of color and produce a wealth of flowers from early summer until late in the fall. For the best results the clump should be divided and reset after the third year. The following list cantains the most desirable colors:

## NEWER PHyOXES OX SPECLAL MERIT.

15 c each, except as noted. Set of $8, \$ 1.00$
ALCIDES. Light crimson. Bright red eye. Large floret blooming late.

BRIDE'S MAID. Pure white with large crimson eye. Fine.

BERANGER White, delicately suffused with rosy pink.


Hardy Phlox and Alaska Daisy at the Bight.

## HARDY PHLOXES (Continued)

CREPUSCULE. (Twilight.) Pale ground shaded violet, carmine eye; very large.
F. G. VON IASSBURG. The largest and finest white in cultivation.

LOIS RICHIE. Extra large, reaching beyond the diameter of a silver dollar. Massive heads. Pure white, bright red eye. 25 c each.
R. P. STRUTHERS. Rosy carmine with claret-red eye. One of the best Phlox in cultivation.

QUEEN OF PINK. A large flower, clear rich pink, blooms late when most of the others are gone.

STANDARD VARIETIES OF PHLOXES.
Price, 10 c each; $\$ 1.00$ per doz.
ANDRES HOFEER. Dwarf white. Very early.
BOUQUET FLOWER. Pale pink with crimson eye. Each branch a perfect bouquet.

COUQUELICOT. Pure scarlet with deeper eye. Best of the scarlets.

ESPERANCE. Fine large pink, light eye.
ECIIPSE. Dark purple red.

ECLATREUR. Brilliant rosy magenta with large lighter halo. An excellent variety.

EDMOND ROSTRAND. Reddish violet, large, white star-shaped center.

JOSEPHINE GERBAUX. Blush, pale pink eye.
LAVENDER. Pure lavender. A late bloomer.
MRS. JENKINS. An early-flowering pure white, forming an immense pannacle. One of the best.

PROFESSOR SCEIIEMAN. Pure mauve, crimsoncarmine eye.

LA VAGUE. Pure mauve with aniline red eye.
PLUTON. Deep wine red.
PEARI. Pure white. Tall grower.
PANTHEON. Clear pink with dark eye.
ROBT. WERNER. Deep blush, bright pink eye. RICHARD WATLACE. Pure white, violet eye.
THEBAIDE. Carmine-lake, with red eye.
WMI. ROBINSON. Rich salmon scarlet. Fine.

## Hardy Roses

35c each; \$4.00 per doz.

NOTE-By express only. These roses are strong two-year-old field-grown stock and are too large for mailing. They go by express at purchaser's cost. But where as many as eight plants are ordered at a time I will pay express charges.

* Climber.
*CRIMSON RAMELER. Too well known to require description. Every one is familiar with its large clusters of crimson flowers.
*DOROTHY PERKINS. Beautiful shell-pink color, which holds for a long time, fading finally to a lovely deep rose; fully equal to Crimson Rambler in follage, hardiness, habit of growth and blooming qualities.

FRAU EAARI DRUSCRKI. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson; an old favorite and one of the best-known Roses in cultivation. Does well everywhere.

MRS. JOHN IAING. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering. Always does well and stands very close to the top among fine Roses.

PAUL NEYRON. The largest of all Rose blooms; bright, shining pink, clear and beautiful. Very double and full; finely scented. Blooms all summer.


Hedge of Clematis Paniculata.

## Hardy Vines

NOTE-Articles in this department are not prepaid bejond the fourth zone ( 600 miles) unless the order amounts to $\$ 2.00$ or over.

AMPELOPSIS QUINQUIFOLIA. (Virginia Creeper, or American Ivy.) This well-known climber is one of the best for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, $15 \mathrm{c} ; \$ 1.50$ per doz.

BIGNONTA. (Trumpet Creeper.) A rapid growing, hardy vine with trumpet-shaped orange scarlet flowers. Price, 25 c each.

CLEMATIS PANICULATA. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few othen vines are in bloom. Should be provided with a trellis or something to climb as soon as it starts its growth. (Clematis should not be set where the drip from the eaves falls upon it.) Price, 2 years old, 25 c; extra size, 3 years old, 35 c .

CLEMATIS JACKMANI. This varlety, with its strong, healthy growth, hardy nature and rich, deep, velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion. Should be pruned early in spring. Price, 60c each.

## HONEYSUCKLES

A very popular old-fashioned climbing vine, with a profusion of very sweetly-scented flowers of red, white and yellow. A very hardy vine and one of the most popular for a porch or piazza.

BELGICA. (The Dutch Monthly Honeysuckle.) Blooms all summer. Flowers are borne in large clusters. Crimson and yellow. Very sweet. 25 c each.
fatmiana. (Hall's Evergreen.) Foliage is a deep green and almost evergreen through the winter. Flowers are very fragrant, yellow and white, and bloom profusely throughout the summer. Price, 25 c each.

SCARLET TRUMPET. A rapid growing Honeysuckle with clusters of trumpet-shaped flowers. Price, 25 c each.
wISTARIA. A very rapid climber, producing long sprays of purple flowers. Two-year-old roots, 25 c ; one-year-old, 15 c .

BRIDE'S VEIL. (Polygonum Baldschuanicum.) A hardy climber of recent introduction from the mountains of Turkestan. It is of rapid growth, frequently attaining a height of 10 to 12 feet in one season. The stems are twining and cling for support to any object within reach. Every branchlet terminates in a panicle of white, foamy flowers, which are produced during August and S'eptember. Strong plants. Two-year-old, price, 50 c each; three-year-old, extra size, 75 c .


Bride's Veil.


Bed of Iris in Bloom.

# IN A NUT SHELL A FEW ITEMS OF INTEREST 

THE native home of the Dahlia is Central America and Southern Mexico. Its earliest known history dates back to 1657, and at this date was called Acoeti by the Artec Indians, Later its name was changed to Georgina, after Prof. Georgi of St. Petersburg, which name is still used in some of the German catalogs. Again the name was changed to Dahlia, after Dr. Dah1, a Swedish botanist. The Dahlia in its native state is single. The first double forms appeared in 1814 and are credited to M. Donkelaax. The first double forms were of the types now known as SHOW and FANCY. The POMPON form appeared about 1858 to 1860. Next came the DECORATIVE form, but its origin is not elearly defined, but probably dates back sout forty years. The first CACTUS Dahlia originated in 1872, but was not placed on the market until 1880. It was named Juarezi after President Iuarez of Mexico. This is the popular type of the present day and there are some 2,000 named varieties of Caetus Dahlia today that have descended from the original Juarezi. The PEONY FLOWERED type is of quite recent origin, dating back but a few yeats and are beconing very popular.

## How to Grow and Care for Dahlias

IF possible, plant in an open, sunny situation. Prepare the soil thoroughly by deep digging. Be moderate in the use of both manure and water. Never plant when the soil is wet. Lay the tuber flat on its side and cover it 4 inches deep, pressing the soil firmly on the tuber. Keep the soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around the platit.

Tall growing varieties may be kept fairly dwarf by pinehing out the tip when the first slioat is 6 inches high. All varieties growing above 4 feet should be tied to stout stakes to hold them in position.
$3 \times 3$ feet is about the proper distance to plant apart.
Keep all dead flowers trimnied off.
Dahlia blooms keep moch beffer if eut in the evening-about sunset-and the less foliage taken off with the flowers the betfer for both. plant and flower. If green is desired, rise some oller green of better kepping qualities.

After frost has kilfed the tops, dig the tubers carefally, remove, the soil from the ronts, and store away in a box or barrel secure from frost. As a precatition it would be well to covert the tuberk so stored with sand, Jenves, or moss.

All clumps should be divided into several pieces before being reset the following spring.

- Extracts from Wilroore's Dahlia Mrazal.


# HARDY PLANTS AND HOW TO GROW THEM 

[01HEN posaible the border or plot where the hardy plants are to be set should be prepared the prevlous fall by a thorough spading of the soll to a depth of at least one foot. The soll should be thoroughly pulverized at the time of digging, and if inclined to be heavy a good coating of air-slacked lime spread over the surface and raked in will Ughten the soil greatly. As a rule hardy plants and vines should be set in the early spring as 800 m as nature starts forth the new growth.

Fall planting is sometimes practiced in mild climates but is not advisable in latitudes of zero Winters. Very little if sny fertilizer should be used in new borders and where used at all it should be spread over the surface alter the plants are set. Severe losses often occur where plants are set in heavily-manured soll. A general rule for planting is to set the plant with the crown (the point at which the new growth starts) about one inch below the surface of the soil. There are some variations from thly rule, notably those of the Peony, Bleeding Heart, Hibiscus, and Lilies, sul of which should be set at least tour fnches below the surface.

After the hardy border has become established a very moderate amount of care is all that is reguired for a number of years, and yet this care must not approach the point of neglect. Barly each epring the dead tops must be cut away and a light coating of well-rotted manure applied and iorked in. Wood ashes or sheep manure make good fertilizers for hardy plants. Many hardy plants seed freely and for this reason the tops or seed-bearing portion should be broken of and carried out of the garden as soon as the blooming season is over or the seed may become a nuisance and besides seedy plants are unsightly. The plants, however, should not be denuded of follage, as nature requires this for winter protection. Some of the very best of our hardy plants inerease very rapidly through root growths and in a few years will cover a large space to the exclusion of their nelghbors if permitted to grow at will. But as these growths are usually formed in the fall, they can easily be removed while digging the bed over in the spring. The list of really good plants If too long to be given here. It is not out of place, however, to say that there are plants suitod to practicilly all locations. This class of plants is comparatively free from disease and insect pests, Which renders them all the more desirable. They also cover the entire season from spring to beary frosts.

## Why Dealern Do Not Guarantee Plants

©
HIS guestion is often asked, and yet it is a pery easy one answered and the reasonable. nebs of the answer is clearly apparent to all. To guarantee the Hie of a plant in the hands of another person is to make the dealer responsible for the errors and inexperience of others, net to mention freaks of weather and unfavorable seasons, cut worme, Insects, bad soil, unfavorable locations and many other conditions, over whioh the dealer has no control, Then, again, there are customers who buy plants so late in the season that These can be but httle hope of success, Most dealers are ready and willig to make good plants that are dead upon arrival, but it would be unreasonable to ask them to become responsible for the future life of conduct of a plant recelved in good condition. Fortunately the percentage of loss in hardy plante 18 amall, ase they are very tenacious of Hfe.
W. W. MIIMORE, Denver, Colo.

## CLASSIFICATION OF DAHLIAS

[^1] round bahlsas.

Clast \& Mow. -The mane-stiow applies to those yat sleties producing large, well-formed flowers, ehowias only solla colors, but may frequently have shaded ubs.

Claps e- iscle-Too TVell known to require al description.

[^2]
[^0]:    "The flowers (Mrs. Ferdinand Jeffries) were simply grand in size, form and color, notwithstanding the fact that it was a very poor season here for Dahlias."

    EDGAR W. ELA.

[^1]:    quas 2 Ovchan-Thim class embrace the long, nai. poyr-petaled varieties, the petals of which arn genarally polated of zwisted.
    ciney B. Desomitro.-This clasen is an intermediate Form, hevine Droad, tat getale.
    chass on Saney- Mhis clans takes in all variegated thitatles.
    Feony biewarth-A memi-double of the decorative torse.

[^2]:    TAMES BROE., PRINTIRE DENVEK

