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Alexander's Dahlias
1923



General Appleton

J. K. ALEXANDER
The World's Largest Dahlia Grower
East Bridgewater, Mass.



J. K. ALEXANDER

*I print this not because I am proud
of my own picture, but because
most people like to see the man
with whom they are doing business*

Instructions—Information

Please Read Before Ordering

ORDER EARLY

—Your orders are filled in rotation. Ordering early will insure the reservation of varieties that later may be sold out, and save you any disappointments.

SUGGESTIONS TO CUSTOMERS.

—If you are not acquainted with the different classes and varieties of Dahlias, Peonies, Iris, or any of the other plants I list, I would suggest that you leave the selection to me. Send the amount of money you wish to spend, and write me fully if you have any preferences in types or colors, and I will choose the very best varieties possible, in an effort to please you. My liberal selection I assure you will be satisfactory, as I strive to give the very best when you allow me the choice.

TIME OF SHIPMENT.

—Unless you give a specific shipping date, your order will be shipped to arrive at the proper time to plant in your locality.

If you wish your order shipped at any special time, I will appreciate definite instructions, and

assure you that you can depend upon me to serve you satisfactorily. It requires all Winter to separate my large number of clumps, but by the first of March I have one box of each variety systematically arranged in my shipping department, and am prepared to ship all varieties offered in this catalog after that date. As I start planting on June 1st, I cannot furnish all varieties listed herein after June 5th, but can supply good selections of all types if the choice is left to me. I assure you I will send the best possible where selections are left to my judgment.

PACKING.—No extra charge for packing. I take great pains in packing my orders, and strive to give all my personal attention to insure their arrival in good condition. I assure you that your order will be securely and carefully packed.

SHIPMENTS PREPAID.—All orders will be shipped by Parcel Post, Express or Freight, whichever way I deem advisable, prepaid to all parts of the world, unless otherwise stated.

FOREIGN AND SOUTHERN ORDERS that require shipment out of season. The fact that I receive large numbers of Foreign and Southern orders, and from the same customers year after year, leads me to believe my ability to serve is satisfactory to them. In view of the fact that I do not ordinarily complete harvesting before November 10th to 20th, and that it requires considerable time to separate the clumps of the great number of varieties I grow, and the quantity makes my eight storage cellars very much congested, I would appreciate it if customers who wish their order



MONS. LE NORMAND—Decorative Dahlia. \$2.00.

shipped between November 30th and March 1st would mention a second choice when ordering. If they are not particularly desirous of special varieties it will insure them prompt shipment if they will leave the selection to me. The great number of varieties and the quantity of clumps make it difficult to ship at that time, whereas, after March 1st I have everything systematized and some of each variety in my shipping department. I give Foreign orders special attention, packing them very securely, so that they will arrive in perfect condition.

ACCURACY OF DESCRIPTION.—All descriptions and other matter in this Catalog and Cultural Guide will be found to be as nearly in accordance with actual facts as it is possible to write them, great care having been taken to avoid exaggeration in descriptions of varieties. My authority as to colors is Ridgway's "Color Standards and Color Nomenclature" a complete and authentic chart giving Eleven Hundred and Fifty named colors.

In making comparisons there must be an allowance made for variation caused by different soils and climatic conditions.

SUBSTITUTION.—The varieties you select are always sent unless you grant me permission to substitute. If you wish a particular color, rather than a particular variety, many times it is to your advantage to mention the fact, as my intimate knowledge and experience oftentimes enables me to improve upon your selection. Therefore, if a substitute is acceptable, be sure to advise me, as otherwise everything is shipped absolutely as ordered.

ERRORS.—While my system of handling orders is as near perfect as possible, in the rush of business errors occasionally occur, and I hope to be promptly notified of such, giving me an opportunity to make proper adjustments. I would suggest that you keep a copy of your order for comparison.

REMITTANCES.—May be made by Check, Post Office or Express Money Order, or Registered Letter, and if for less than \$5.00 can be made in U. S. stamps, coin and currency should be sent by registered letter. Customers residing outside the United States please do not send Foreign stamps or currency—a Post Office order is preferable.

GUARANTEE.—I wish it distinctly understood that although I take all possible pains, I will not be held responsible beyond the purchase price. I guarantee every bulb, root and plant I send out to be just as represented, absolutely true-to-name, reach its destination safely in good growing condition. I will cheerfully replace anything that fails to prove otherwise, and will appreciate your calling my attention to it.

PRICES.—The prices herein cancel all previous ones. These prices are void when my 1924 catalog is issued. I make the following special quantity prices to large buyers, such as Estates, Schools and Institutions. Any one variety priced at 25 cents each may be had at \$2.50 per dozen; any one variety priced at 35 cents each may be had at \$3.50 per dozen, and so on with

50 cents, 75 cents, \$1.00, \$2.00, \$3.00 and \$5.00 varieties. Six of one variety may be had at the dozen rate. This is a saving of about 20%. If wanted in lots of 25 of one variety or more, write for quantity prices, stating quantity desired.

CONNECTIONS.—Long Distance Telephone; Office—East Bridgewater Number One.

Residence—East Bridgewater 145.
Telegraph,

Western Union, Brockton, Mass.

Post Office, Express and Freight Office, East Bridgewater, Mass.

TERMS.—Cash with orders or in advance of shipment. No shipments made C. O. D.

NAME AND ADDRESS.—Please remember to write your name, street and number, Post Office, County, State and Country if Foreign, as plainly as possible. Post Office Box or R. F. D. number if you have one. This will avoid delays and chances for errors.

ALWAYS ADDRESS

J. K. ALEXANDER,

The Dahlia King

547-559 Central Street

EAST BRIDGEWATER

MASS.

Classification of Dahlias

As adopted by the American Dahlia Society.

The Dahlia belongs to the family Compositae (or *Carduaceae*, as the family is now sometimes known) and is a close relative of our native species of *Coreopsis* and *Bidens* ("beggar-ticks") and our cultivated *Cosmos*. What we commonly call the flower is botanically, as also in the sun-flower, a flower-cluster or head, made up of numerous closely aggregated flowers, which are often of two or more kinds. In the so-called Single Dahlias, a few outer flowers of the cluster have broad, flat conspicuous expanded corollas or rays (popularly but not botanically the "petals,") while the inner or disc flowers, including most of the flowers of the cluster, have small inconspicuous tubular corollas.

Growers and exhibitors of Dahlias recognize several different classes or groups of Dahlias, based on the form and other characters of the "flower" or head. The extremes in form are very pronounced, and it is usually easy to say into which class a flower is to be placed; but here, as elsewhere in nature, and more especially where nature has been interfered with by man, the lines of separation are not always hard and fast, and it sometimes happens that a variety may be found classified under two and sometimes three different headings in catalogs of different dealers. The names and their applications as recently defined by the American Dahlia Society follow:—

SINGLE DAHLIAS. Open-centered flowers, small to very large, with 8 to 12 floral rays (petals) more or less in one circle, margins often decurved or revolute (turned down or backward). There are no distinctions as to colors. This class embraces the large Century type as well as the small English varieties. They resemble the *Cosmos*.

COLLARETTE DAHLIAS. Of the single type, with not more than 9 large floral rays; but with a circle of smaller, narrower, usually different colored rays, standing at the base or in front of the larger rays and forming a sort of collar between them and the open center.

DUPLEX DAHLIAS. Semi-double flowers; center almost exposed on opening of bud, rays more than twelve, in more than one circle, long and flat, or broad and rounded, not noticeably twisted or curled. Many Dahlias previously classed as Peony-flowered belong here.

PEONY-FLOWERED DAHLIAS. Flowers are Semi-double, having two, three or more rows of broad, flat, loosely arranged rays or petals, surrounding an open center, which is usually a conspicuous golden yellow. The inner floral rays being usually curled or twisted, the outer rays either flat, or more or less irregular. Sometimes the rays are pointed, occasionally they curl and twist over the center.

DECORATIVE DAHLIAS. Double flowers, full to the center, early in the season at least, flat rather than ball-shaped, with broad, flat, somewhat loosely arranged floral rays with broad points or rounded tips which are straight or decurved (turned down or back) not incurved, and with margins revolute, if rolled at all.

BALL SHAPED, DOUBLE DAHLIAS. Full to the center.

(A) **SHOW TYPE.** Flowers globular or ball shaped rather than broad or flat, full to the center, showing regular spiral arrangement of florets, with floral rays or petals more or less quilled or with their margins involute (rolled forward or inward) and rounded tip. (Dahlias of this type with flowers spotted, variegated or parti-colored, were formerly classed as Fancy; a group no longer recognized.)

(B) **HYBRID SHOW, GIANT SHOW OR COLLOSSAL TYPE.** Flowers fully double, broadly hemispherical to flatly globular in form, loosely built so spiral arrangement of florets is not immediately evident; floral rays broad, heavy, cupped or quilled, with rounded tips and more or less involute margins. Verging towards the Decorative Class and sometimes found classed with the Decoratives.

(C) **POMPON TYPE.** Same shape and form as A and B, but flowers must be under two inches in diameter.

CACTUS DAHLIAS: Double flowers.

(A) **TRUE FLUTED TYPE.** Flowers fully double, floral rays or petals long, narrow, incurved or twisted, with sharp, divided or fluted points and with margins revolute (rolled backward or outward) forming the outer florets, a more or less perfect tube for more than half the length of the ray or petal.

(B) **HYBRID CACTUS.** Flowers fully double, floral rays (petals) short as compared with previous type; broad, flat, recurved or twisted, not sharply pointed except when tips are divided (staghorn) margins only slightly revolute, and tubes of outer florets, if any, less than half the length of the ray or petal. This type intergrades with the Decorative and Peony-flowered classes.

Greetings

FRIENDS and CUSTOMERS

OLD AND NEW



I BELIEVE a heart to heart talk will give us a good opportunity to become better acquainted. You may be interested to know that Dahlias were my hobby thirty-one years ago; I loved flowers but never dreamed of being in the business. I'll tell you how it happened. My neighbors had several old-fashioned Dahlias, and I purchased a few; I took good care of them, and the flowers I produced were larger and more beautiful than theirs. I became interested, and whenever I saw a color I did not have, I added it to my collection. They were like so many children, as I learned to call them all by name. My friends became interested in my Dahlias, and urged me to sell them the new colors I had purchased; thus I started in the business, with only sixty Dahlia plants. That was thirty-one years ago. My desire to secure a greater variety led me to search for the best and newest. In a few years I had all the varieties that American Dahlia specialists grew, and learning that new Dahlias were being originated in England and France, I sent for catalogs. That year I imported twenty varieties, and in the Fall the sales from my surplus amounted to \$72.00, not much; but enough to encourage me to go on.

Thinking other Dahlia lovers outside of East Bridgewater would be interested to know more about my favorites, I issued my first catalog in 1895. It was a very modest affair, but it did the business. The next year I exhibited at our local Fair, winning several premiums. Two years following, I imported thirty-two new varieties; which with my collection, led me to believe I could win at the Boston Show, which at that time was the largest Dahlia exhibition in America. I staked mine against the best, and won first prize. Since then my exhibitions, together with my growing exhibits at the World's Fair, St. Louis Purchase Exposition, Jamestown Exposition, Alaska-Yukon-Pacific Exposition, and Panama-Pacific Exposition have won honors of highest degree, acknowledging my Dahlias universally unsurpassed. This past season I made more exhibits than ever before in the different states, winning first prize in all of them. It is unnecessary to say anything regarding the exhibits I have made at the different horticultural and agricultural societies in the past. Every person that ever saw my exhibit knows that it was fully as good, if not the best that was ever made in the place where I exhibited.

My ambition to develop something better, larger and more beautiful in Dahlias, than was already on the market, led me to experimenting. My first results from hybridizing were very gratifying, and each year I have devoted considerable time to cross-pollination, with very satisfactory results; and only wish I had more time to devote to this work—it being very fascinating. Many of the varieties in this catalog are my own seedlings, and I am developing choicer and better varieties each year, and will introduce them as soon as my stock is sufficient. I have named many new seedlings for my customers, as a recognition of their love for flowers, and at the same time showing my appreciation of their orders and recommendations.

My intense enthusiasm and my desire to have the largest and most complete collection of Dahlias, have led me to all parts of the World, in an effort to secure the largest and finest varieties. Many are offered herein, but on some of the newest and choicest, where my catalog circulation is very large, my stock is insufficient to allow me to list them at this time, but they will appear in my catalog as soon as my stock is sufficiently large. Should you have in mind some new creation that you do not find listed, I would appreciate it if you will write me, as I have all that are worthwhile and will be pleased to supply you.

My interest in other flowers developed with that for my Dahlias; and soon my private garden became inadequate. I had made careful selections, keeping only the best varieties, and each year eliminating the others. Soon I had a surplus of Gladioli and in 1902 offered choice varieties in my catalog. Since then I have always been on the alert keeping my collection up-to-date, and each year have added to my catalog some new bulb or plant, until now I have the largest collection and greatest number of varieties of Dahlias in the world; together with my complete collections of Gladioli, Peonies, Iris, Phlox, Bulbs, Hardy Perennials, Ornamental and Flowering Shrubs. Each year I strive to secure the very largest and best of the new varieties, eliminating those that have been surpassed. If I can be of help to you at any time in laying out your flower beds and grounds; or you wish my opinion on new varieties, feel free to write me, and I assure you I am always at your service.

In 1914 I constructed a storage and shipping plant, from which your orders are shipped. This building has a cement cellar containing 11,700 cubic feet of storage room and 4,680 square feet of floor space. In addition to this, I now use eight other cellars in which I store my bulbs, plants and shrubs.

It may interest you to know that I have been acknowledged the largest Dahlia grower in the world, devoting nearly forty acres of my two hundred acre farm to them this past year. I especially invite you to make a personal inspection of my plant. In past years many of my customers and friends have come long distances to visit my garden during the flowering season. I have an auto drive through my gardens, and they are open for your inspection at all times. Come and bring your friends, as visitors are always welcome, and I assure you every courtesy will be shown you.

If you are looking for some first-class up-to-date stock, whether it be Dahlias, Peonies or Hardy Plants, do not hesitate in placing your order in the hands of a firm who has been doing business for 28 years and guarantees satisfaction. My stock is all tested before being shipped to my customers; it is grown on my own farms and I give special attention to producing good strong roots, which is the important part of a plant to insure satisfactory results. I shall take as much pains in the future as in the past, to send out nothing but first quality stock, and to continue the same prompt, liberal and conscientious dealings. Hoping to receive a share of your patronage this coming season, I am,

Yours for floral success,

J. K. ALEXANDER, *The Dahlia King*

(Copyrighted)

January 1, 1923

EAST BRIDGEWATER, MASS.

History of the Dahlia

The Dahlia is a native of Mexico, where it grew wild, and in its single form. Earliest history dates back to 1657, when it was called *Acoctli* by the Aztec Indians. Later the name was changed to *Georgiana*, after Professor Georgi of St. Petersburg, which name is still used in some of the foreign catalogs. It was again changed to *Dahlia*, in honor of Dr. Andrew Dahl, a Swedish botanist.

The Dahlia was first cultivated in the Botanic Gardens, at Madrid, Spain, in 1759, and at about the same time was introduced into England by the Marchioness of Butte.

Dahlia Variabilis, from which most of the common or Show Dahlias have originated, was single in its wild state. The first double forms appeared

in 1814 and were credited to M. Donkelaar of the Botanical Gardens of Belgium. The *Pompon* form appeared about 1858, followed by the *Decorative* the origin of which is not clearly defined, but probably dates back some 40 or 50 years. *Dahlia Juarezi*, the first of *Cactus Dahlia*, was discovered in *Juxphaor*, Mexico, in 1872, by J. T. Vanderberg, and named *Juarezi* in honor of President Jarez of Mexico. It was sent by Vanderberg to an English florist, who exhibited it in England in 1880.

Dahlia tubers or bulbs were used as a food in Mexico and at one time in France. It was attempted to introduce them into cultivation in all Europe as a food for either man or cattle, but the taste was found nauseous to European palates.

The Culture of the Dahlia

Success Will Follow If You Observe These Instructions

LOCATION. The Dahlia is not as particular as most of our flowers, and will succeed under a great many adverse conditions. There are, however, certain locations where Dahlias seem to outdo themselves. An open sunny location seems to favor them at all times. Dahlias do well on high and low lands, on hillsides or perfectly level land, giving good results in each location.

I find Dahlias are particularly adapted for seashore use, and not only do well, but thrive, for the reason of the moisture, and principally the heavy dews which collect during the nights.

I also find that many varieties do well in partial shade, producing fully as good flowers as they do in the hot sun, especially for exhibition purposes.

Dahlias will grow and do equally well in any kind of soil. I have sand, gravel, heavy and light loam, low land and hills, and find very little difference, as far as the number of flowers is concerned, the only difference being that in sand and gravel they form a short, sturdy, compact plant, and in heavy loam and low land they grow tall and rank, blossoming about a week later than those planted at the same time in sandy soil.

PREPARATION. The soil should be thoroughly cultivated; ploughed or spaded 8 to 10 inches deep, well pulverized and thoroughly worked over, thus affording an opportunity for rapid expansion, and making an easy path for the tiny rootlets. To secure exceptional results, have your soil ploughed or spaded in the Fall or as early as practicable in the Spring; then just before planting have soil thoroughly ploughed or spaded again.

FERTILIZER. Fertilization is one of the most important factors, to be successful with Dahlias. We all know that a growing plant, the Dahlia for instance, requires and takes from the soil certain properties; and in order to keep the soil in correct proportion, the materials the Dahlia takes from the soil must be restored. This must be done by fertilization. You can use dressing (either horse, cow, sheep or hen), or chemicals, or any commercial fertilizer rich in nitrogen, potash and phosphoric acid. Fish and potash, acid phosphate in the form of bone flour, or sulphate of potash, are also very effective. My system of fertilization—every other Fall I give my land a top-dressing of stable manure, ploughing under and alternate with lime, using this as a top-dressing.

The manure restores the properties necessary, and makes the soil light and mellow, keeps it from being heavy and caking, while lime has the same tendency and keeps the soil sweet. When planting in the Spring I use commercial fertilizers exclusively (a complete potato fertilizer and ground bone-meal in equal proportions). Every fourth or fifth year I make a Fall planting of Winter rye, then turn under in the Spring, planting the bulbs with commercial fertilizers.

An application of manure (either in liquid or ordinary form), several times throughout the growing season proves very beneficial, furnishing new material for the growing plants and insuring you the very best results.

At the time of planting, two liberal handfuls of fertilizer around the individual tubers would be what I would recommend. After the plants attain a height of three feet, either a handful of fertilizer or any other dressing or manure should be used, and when hoeing, it should be hoed in around the plants. After the plants commence to bloom, it is always well to use fertilizer or dressing around the top of the plants, broadcast on the ground, so that the rains will carry it down to the roots. If applied every three weeks, it will prove very beneficial, although not absolutely necessary, as the fertilizer used when planting would be sufficient to carry the plants through. However, it helps your plants to produce larger and better quality flowers, giving them nourishment at the time they require it most.



MRS. BRANDT—Incurved Cactus Dahlia. \$1.00 each.
(For description see page 11.)

In applying the fertilizer, it is best to sprinkle it around the tuber, two, three or four inches from where the sprout will come through, but every precaution should be taken to be sure it does not fall where the sprout will come in contact with it, when it pushes its way through the ground, as fertilizer will burn the sprout. It's better to have it a trifle farther away, as the roots will find the fertilizer.

TIME OF PLANTING. The time for planting Dahlias varies according to the locality; whether your spot is sheltered or open, early or lateness of the season, and the times when the general crop of flowers is desired. Dahlias can be planted any time after danger of frost is over, and under ordinary conditions will blossom in from 6 to 8 weeks after they have been planted. It is always best to wait until the ground becomes thoroughly warmed.

PLANTING. Plant bulbs in hills or drills, laying flat down, 6 inches deep. Do not stand the bulb on end. If you stand the bulb on end, having the sprout near the top of the ground, all the new bulbs which form will grow near the top of the ground and when you have a dry spell your plant become stunted, whereas, if the bulbs were planted flat down 6 inches deep, no matter how dry the season, the bulbs would receive sufficient moisture to keep them growing. If planting with manure cover manure an inch or so before planting bulbs; fertilizer should be thoroughly worked into the soil. Either fertilizer or manure will burn the sprout; be sure to cover with soil.

By planting the bulb first, then covering an inch or so with soil and applying your fertilizer or manure, your plant receives the entire benefit of the dressing. The dressing is above the bulb and every rain carries the food down to the roots, whereas, if your dressings is below the bulb, each rain takes your dressing further a way from your plant.

Summary. Plant bulb 6 inches deep, flat down, having sprout or eye facing upward; cover with soil an inch or so, applying dressing, and cover in level.

CULTIVATION. Cultivation is the principal requirement of the Dahlia—the most important of all operations to insure success. Keep the soil well cultivated and free from weeds; never allow the soil to crust.

CARE OF PLANTS. Give thorough cultivation, deep at first and continued once a week until the plants commence to flower. After they commence to blossom do not cultivate, as then is the time the new roots are forming and

you are apt to cut off the new tubers, weakening the growth of the plant. Do not fail to stir the soil after each rain, keeping the soil from forming a crust on the surface, or baking, and conserving the moisture in the soil, thus avoiding the necessity of watering.

As the shoot or plant commences to show itself above the ground, care should be taken at this time for the prevention of cutworms and other pests that destroy the young shoots; I recommend Vermine, Arsenate of Lead, Cut-worm Killer or Tobacco Dust, as best preventive for these pests.

As soon as the plants attain a height of 8 to 10 inches it is time to commence to "train" your plants.

There are three systems from which you must choose; The Staking System, the Branching Method and the Massing System.

The Staking System is the most popular, many amateurs finding it the most successful. Dahlias under this system should be planted from 2 to 4 feet apart, according to the amount of space you have to devote—the larger, the more robust the plants. Stakes should be set when the Dahlia is planted. As soon as plants attain a height of 2 to 3 feet they should be secured to the stakes, thus protecting them and preventing the brittle stalks from being blown over or getting broken.

The Branching Method. This system is advocated by many professionals and does away with staking. Plant in hills or rows from 18 to 30 inches apart.



HYBRID CACTUS DAHLIA—"BIANCA"
(For description see page 9.) (One-half actual size.)



Alight Cactus Dahlia

When your plant has two sets of leaves, pinch off or cut out the whole top of the plant; at each leaf a branch will start, thus making four branches one at each leaf. Do not pinch off your plant more than once, as this system makes your plants two weeks later in flowering; but you receive four flower stalks, each of which will blossom equal to the one stalk which you would have received had you left your plants growing without pinching. When the plant is grown it will have a short, strong, single stalk, which comes only an inch or two above the ground, with four branches of flowering stalks. The plant is short and has a neat branching appearance; the branches are self-supporting and are not easily blown over by the wind.

The Massing System. This is the system I use in planting my immense fields—avoiding the extra labor and expense of staking, the woody effect of stakes and giving a solid mass of foliage and flowers, more beautiful and effective than where Nature's beauty is broken at each interval with a stake, Plant bulbs in rows from 10 inches to 2 feet apart according to the amount of space you have to devote. The plants are self-supporting, each plant supporting and protecting the others.

At the height of 18 inches spray occasionally with Arsenate of Lead, "Black Leaf 40," Bordeaux Mixture, Hellebore, Pyrox, Slug Shot, Whale Oil solution or other first-class solutions to kill and keep away the aphid or green fly, which often infest Dahlias.

Both wood ashes and lime are good at all times, improving the condition of the soil and are effective as preventives against insect pests.

To obtain the largest and most perfect flowers, only the best and largest buds should be allowed to mature; the others being taken off, enabling the full strength to develop those into exhibition blooms.

DISBUDDING. Some varieties of Dahlias require thinning and disbudding to produce the best flowers. Varieties having an excessive amount of foliage and small growth should have a considerable part of their branches removed, while those having more buds than can be properly developed or matured should be disbudded. The operation in no way endangers the plants and anyone can do it. Thin and disbud if necessary, moderately or severely as conditions seem to require.

Taking a budded stalk or branch, you will note the large or first bud on the stalk, and also, that at each leaf all the way down the stalk new shoots or bud-stalks form; these in turn produce buds and flowering stalks, which over-top the first bud. The first bud on every stalk is always the largest and produces the largest and best flower, ordinarily. Before the first flower is in full blossom, the first two side shoots have formed buds and burst into flowers. These in turn become passe, to be replaced by flowering shoots from the set next below, or the second pair of side shoots.

On most varieties the first flower has a short, stiff stem; we disbud to lengthen the stem and to secure larger flowers.

The proper way to disbud: When the first bud is small the first set of side shoots should be removed with a sharp knife. This forces all the plant life that under ordinary conditions would have developed the first two side shoots, into the first bud, making the first flower much larger and giving it a good long stem. Removing the first set of shoots also forces ahead the second set and they in turn burst into flower.

As you cut and remove your flowers, your plant sends forth new flowering stalks from the bottom of the plant; the more flowers you cut, the more will grow.

Disbudding is more generally used for flowers for exhibition purposes. When wishing the largest flower possible, for exhibition purposes, you can disbud every side shoots down the entire length of your stalk, forcing all plant life into the one flower, thus growing one flower of gigantic size; this disbudding in addition to forcing with manure (taken up under forcing) insures you much greater success at exhibitions.

Anyone can grow Dahlias of exhibition quality if they will digest these remarks, study plant requirements and then act accordingly.

After your plant has been blossoming continually and flowers commence to grow smaller, then is the logical and proper time to fertilize. Apply any good fertilizer broadcast, or any kind of manure available, but it is better to make two moderate applications than too much at one time.

FORCING. To produce the finest flowers for exhibition purposes use staking system. Plant 3 to 5 feet apart, using a liberal amount of manure or fertilizer; cultivate frequently; apply fertilizer or manure, broadcast or liquid form, at each or every other hoeing, and disbud. Nitrate of soda proves very effective for forcing. Apply in liquid or crystal form when plants are in bud; make applications often, but do not use too much at a time. Nitrate of soda is very powerful and if too much is used it will burn up your plants or force them to such an over-growth that the roots will decay during the winter. Apply nitrate of soda in crystal form on top of the ground, or in liquid form, using one tablespoonful of nitrate of soda crystals to a gallon of water, using sprayer or watering can.

When the flower buds appear, only one bud should be allowed to come to maturity, enabling each branch to produce one exceptionally fine, perfect flower. The flowers, for quality, must not be allowed to receive the drenching rains or scalding sun when nearing full bloom and should be protected from such.

It is always advisable to cut flowers that are to be exhibited as late as possible at night when the dew is on them, placing them in water and keeping

them as cool as possible over night, thereby enabling them to withstand handling, packing and transportation.

WATERING. The amount of watering depends largely upon the locality and amount of rainfall. In regions where the rainfall is scanty and where sprinkling and irrigation must be regularly practised Dahlias should be watered more frequently than in localities where there is abundant rain. Watering is very beneficial adding perfection to blossoms and richness to color, but do it judiciously. A thorough soaking, with the soil stirred the following day is excellent; but a constant surface sprinkling every day causes surface roots and soft growth. When you have continuous dry hot weather, I recommend that you water your Dahlias as often as you think it beneficial.

HARVESTING. The harvesting and packing for winter is very important, upon which depends your future success. Should you lose your Dahlias during the winter, you will be obliged to buy new ones in the spring; therefore, these suggestions are important.

Dahlias should be harvested shortly after their foliage has been killed by frost. I find from experience that as soon as the frost kills the foliage, the strength of the stalk recedes into the bulbs. By digging two or three days after your plant has been killed by frost, your clumps are in a perfectly dormant condition, having no sprouts, keeping perfectly all winter and sending forth sprouts in the spring, which is the proper time.

Dahlias may be dug with fork, spade or plow. In digging or harvesting the clumps great care should be taken. Dig them and dig very carefully; do not pull them up. You have large clusters of bulbs; each bulb has a neck, which is the small portion between the bulb and where it joins the stalk. The clumps should be dug or lifted carefully, so as not to break the necks of the bulbs. If you crack, girdle or break the necks sometimes they will dry up, other times decay. However, when the clumps are divided, the bulbs with broken necks are weak and not as good and it requires longer for the bulbs to become established before they commence to grow after they are planted

in the ground. After removing the clumps, shake gently to remove the soil that would naturally fall off. Cut off tops within two or three inches above tops of clumps, allowing them to be exposed to the sun and air for only an hour or two. Do not allow them to stay out two or three days to dry up, then wonder why they are withered and fail to sprout. Pack in a cool, frost-proof place where extremes of temperature may be avoided—a place having an average temperature of about 45 degrees. Do not cover or pack in any material or with any substance. Cork, sawdust, shavings, coal ashes, sand or earth, all hold and retain a dampness or moisture which is unnatural, making it too close, compact and damp, causing the clumps to start to mildew or decay. Would you pack your potatoes in any of the above? Simply pack clumps one on top of the other, placing each clump upside down. Undoubtedly you are aware that the Dahlia stalk is hollow and that this hollow contains a watery substance or acid. If you pack your clumps with the stalks up, the acid will flow back into the crown of the clumps, causing decay, whereas, if you turn your clumps upside down the acid must flow out, and clumps will remain in a perfectly dormant condition. Pack clumps upside down in boxes or barrels, packing one on top of the other. Dahlias in an old-fashioned cellar will keep first-class without any covering; in a cellar having a cement bottom or heat, the boxes or barrels should be lined with heavy paper and covered with paper or burlap. Covering with paper or burlap excludes the air and preserves a more even temperature. In heated places the circulation of air and heat causes the bulbs to shrivel and dry up; a covering of this kind prevents the roots from shrivelling.

DIVISION OF CLUMPS.—Although I divide clumps all winter, it is because of the number of clumps I have to divide; I recommend that the amateur wait until spring before dividing. Dahlias keep during the winter much better in clump form. In the spring the clumps commence to send out sprouts which aid in dividing properly.

Take the Dahlia clump as it was harvested, with the portion of the original stalk from which the top was removed (same as shown in the accompanying illustration).

Upon examining the clump you will notice that the tubers formed at the base of the stalk, and that each tuber has a crown, neck and body. The crown being the bulging portion where it is connected with the clump, the neck the small portion between the crown and the body of the tuber. By examining carefully, small eyes or sprouts can be detected on the crown and stalk base. These eyes produce the new plants, so in separating, it is necessary that each tuber have an eye. Without an eye the tuber is absolutely worthless.

In separating a sharp knife should be used and great care taken. The best way is to remove each tuber individually but in cutting it is necessary that each tuber have a crown or a portion of the stalk, as it is upon this that all eyes grow.

First of all, select the tuber that you think can be most easily removed. With the point of your knife cut deeply into the base of the stalk (the black lines in the illustration showing place to cut) cutting so to leave an equal amount of the stalk-base for each tuber, and so that each tuber had its crown. By cutting deeply into the stalk-base on both sides, the tuber becomes separated from the clump, leaving a "V" shaped portion of the stalk base as a crown or head, upon which the eye is found or will grow. The next tuber favorably located from the separating standpoint can then be chosen, and removed by again cutting the stalk-base, and so on until the stalk-base becomes the crown of each individual tuber.



Dahlia Clump, Showing Proper Method of Dividing.
Black lines show where you should cut with knife.

SIZE OF BULBS. The size of the bulb or tuber does not in any way designate the size or quality of the flower. Some varieties of Dahlias always produce very small bulbs, while other varieties make large ones. Do not consider small bulbs worthless, for they are equally as good and in many cases better than large ones. Medium and small sized bulbs more often produce the finest and highest colored flowers, and in many cases the best and most effective plants. The only requisite of a Dahlia bulb is: be sure that your bulb has one or two eyes or sprouts, whether large or small, and with proper cultivation, success is generally assured. A clump, root, bulb, or division of a clump, pot-root, cutting, sprout, and even a Dahlia seed, will grow and blossom, all equally well. It is not the size, but the care and cultivation—cultivation is the principal requirement of the Dahlia.

CONCLUSION. There are no set rules to follow invariably by all or even by any one grower year after year. In fact, each soil, location, climate or season, may call for different treatment. Study your plants; watch them as they develop; try all experiments along lines in harmony with nature's laws. Success with Dahlias is the same as with anything else; do everything in moderation; excess in any direction in unwise. In many locations conditions are so favorable that Dahlias grow to perfection with practically no attention. So it is with seasons—some years Dahlias do well the entire season, but there is no reason why Dahlias should not be grown successfully year after year. My methods of cultivation are simple and easily followed, the treatment and requirements are so simple, there is no reason why you should not be successful with your Dahlias. The Dahlia is one of the easiest plants to grow and will produce more flowers than any other plant in the garden, if properly cared for.

tions are followed. Cut blossoms in early part of the day, whenever possible. Fill receptacle with water as hot as can be borne by one's hand. Plunge the



New Decorative Dahlia—"Yellow Mons. Le Normand"

½ actual size. \$2.00 each.

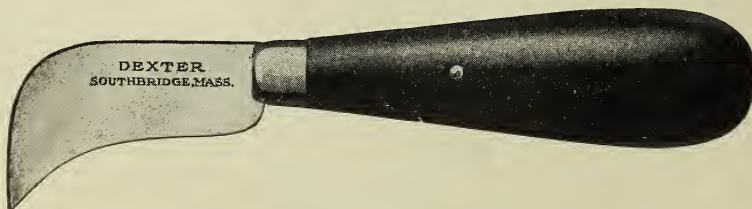
(See page 21 for description.)

How to Keep Cut Blooms of Dahlias

Freshly cut flowers will keep considerably longer, and wilted flowers if not in too serious condition, will be entirely restored in appearance if the following sugges-

stems, but not the foliage, almost their entire length into the water; let them remain in the water until it cools, then transfer into cold water as in usual manner, with the addition of a quarter teaspoonful of salt to a quart of water. If the stems are particularly hard and wiry, water near boiling point may be used to good advantage. My suggestion would be try it and be convinced, regulating depth of water to length of stems.

Dahlia Cutting Knives



Many of my customers have asked me what kind of a knife I use in separating my clumps of Dahlias, so thinking it will make it convenient for my customers, I am offering the knives we use to separate the Dahlia clumps. The above illustration shows their general appearance. This knife has a two inch blade made of finest tool steel, with nickle-plated closed-end ferrules, and every blade securely riveted in the handle. The blades are ground sharp and hand honed. This knife has an oval taper rubberoid handle. In addition to being used in cutting Dahlias, it is made for Grape picking and Pruning purposes. A good pruning knife is always handy. The women folks like them for paring apples and potatoes. **50 cents prepaid.**

New and Rare Cactus Dahlias for 1923

I will ship these Five New and Rare Cactus Dahlias for \$12.00 prepaid to any part of the world.

ELSA BONNELL. (Slocombe.) (Hybrid Cactus.) Rich deep velvety carmine. Deep well built flowers produced on long wiry stems. Flowers of large size and produced with great freedom. Almost as abundant as the well known "Countess of Lonsdale." Long stiff stems, holding flowers upright, making it very desirable. Recommended. **\$2.00 each.**

GEO. E. POWELL. (Alexander.) (Moderately Incurved.) A new introduction. Orange-red in color, large size and a good bloomer. This is a first-class variety for either garden or exhibition. **\$5.00 each.**

HELEN DURNBAUGH. (Broomall.) (Hybrid Cactus.) A new California creation. Flowers of very delicate blush; buds open creamy white, chang-

ing to a soft rosy tint as the flower develops. Ser-rated or notched petals add to its beauty. Flowers produced on long stiff upright stems in abundance, making it a good cut-flower variety. It does well in warm climates. **\$2.00 each.**

LOUISE SLOCOMBE. (Slocombe.) (Hybrid Cactus.) Deep rose-pink overlaid amaranth pink. An early and continuous bloomer, producing its flowers on long stiff stems. Flowers of large size produced abundantly. An entirely new shade in Hybrid Cactus Dahlias. **\$2.00 each.**

MRS. W. E. ESTES. (Estes.) (Hybrid Cactus.) A large pure white California production. **\$2.00 each.**

Up-to-Date Cactus Dahlias for 1923

These eight recent introductions I will send prepaid for \$10.00. They are among the best samples of the Cactus Dahlia to date.

BERTRAM S. VARIAN. (Alexander.) (Incurved Cactus.) Named for and with the permission of Judge Bertram S. Varian of Weiser, Idaho. A very brilliant, deep scarlet of the moderately incurved form, of good size on long stems. This is one of the freest flowering Dahlias in my new list, and this fact combined with its brilliant coloring will make it especially conspicuous and attractive in any garden. **\$1.00 each.**

BIANCA (Hybrid.) (See illustration.) A new Cactus Dahlia of large size and splendid form. Coloring is beautiful rose-lilac with white shadings and bloom is held perfectly erect on strong, stiff stems. Free-flowering. One of the most satisfactory garden varieties, and one I can highly recommend. An early and continuous bloomer. **\$1.00 each.**

BOWEN TUFTS. (Alexander.) (Incurved Cactus.) The flowers are of gigantic size, being a bright capucine orange blending to a bright golden orange in the center with yellow reflex. Very stately, good stems. **\$2.00 each.**

CYGNET. (Burrell) (Incurved.) A beautiful lemon-yellow at center gradually shading off to a paler shade of the same color, exquisitely striped and splashed bright scarlet-red. This variety is one of the very finest Cactus Dahlias. The stems are long and stiff and carry the blooms well above the foliage. The flowers are of large size and the petals are tightly quilled and gracefully incurving. Very abundant bloomer. **\$2.00 each.**

ETENDARD DE LYON. (Rivoire.) Hybrid Cactus of unique coloring and large size. The color is a trifle darker than rhodamine purple, described by some as carmine-rose. The flower is held on fine, stiff stems. **75 cents each.**

MILTON HOWARD. (Stredwick.) (Moderately Incurved.) A charming shade of bright pink, with white at center and tips of petals. **\$1.00 each.**

NATALIE ALSOP. (Alexander.) **New Cactus Seedling.** Named expressly for and by special permission of Miss Natalie Alsop, in recognition of her great love for beautiful flowers. This new variety is a wonderfully pleasing creation, possessing all the good qualifications of the Dahlia. The flowers are most beautiful—a lively deep rose-pink, daintily blending to snow-white at the center. One of the greatest charms is the manner in which it carries its flowers; they being produced on very graceful, wiry stems. Plants are robust and sturdy, growing to an average height of 4 feet. **\$2.00 each.**

PIERROT. (Stredwick.) (Incurved Cactus.) A unique and striking novelty in color, of unusual grace and refinement of form, being composed of very long, tubular narrow petals, which are of a deep amber or orange-buff color, occasionally showing white tips. It possesses an individual refinement different from all other sorts. A splendid garden variety and creates a furore wherever exhibited. **\$1.00 each.**



Hybrid Cactus Dahlia—"Bianca."
(See description above.)

General List of Superb Cactus Dahlias

This collection of 56 Cactus Dahlias prepaid for \$15.00.

(The three types of Cactus Dahlias are designated by the words Straight, Incurved and Hybrid, after the name.)

AMBASSADOR (Straight). Pure white. A flower of the finest quality. Long, stiff stems. **35 cents each.**

ATTRACTION (Hornsveld.) (Hybrid Cactus). Large elegant, full flower, of a clear, lilac-rose. The habit is perfect, with long strong stems holding the bloom stiff and upright. A very attractive variety. **75 cents each.**

BEDINIA. (Hybrid Cactus.) Clear, bright orange, striped and flaked red; very striking. **25 cents each.**

BORNEMANN'S LIEBLING (Straight). Very delicate, soft rose-pink. Extra fine. **25 cents each.**

CHAS. H. CURTIS (Incurved). Rich, scarlet-crimson; large, full. **50 cents each.**

COLUMBIA (Straight). Vermilion, tipped and striped with white. Long, narrow, star-like petals. The plants make very little foliage. **25 cents each.**

COMET (Moderately Incurved). A fancy Cactus of great originality. The coloring is quite distinctive being a soft, lavender-pink, penciled and dotted a deep crimson. The plants make a high growth, with long, stiff stems. **50 cents each.**

COUNTESS OF LONSDALE (Hybrid Cactus). Deep salmon-red. One of the best. Very free. Should be in every garden. **35 cents each.**

COUNTESS OF MALMESBURY (Straight). Delicate peach-color pink, daintily blending to white at the center. Petals straight, very narrow and tightly quilled, completing a perfect star-shaped flower. **25 cents each.**

DOLLY (Incurved) (Stredwick). A very fine two colored variety, good stems and good bloomer. Spectrum-red and white, coming all degrees of red and white from pure red to almost white. **75 cents each.**

DREADNAUGHT. (Hybrid.) The color is a glowing crimson, deepening to maroon in the center. **25 cents each.**

DUCHESS OF MARLBOROUGH. Delicate silvery pink. Fine for garden decoration. **50 cents each.**

EARL OF PEMBROKE (Hybrid). Bright plum color; large, bold flower. **25 cents each.**

ELYSIAN (Straight). Flowers large and perfect. Color, a bright lilac-pink. Very similar to "Rosa Starr" in color and shape. **50 cents each.**

EMBLEM. Center deep primrose, points of petals rose-pink. **50 cents each.**

EUREKA (Burrell) (Straight). This variety has all the good qualities of the Dahlia, being properly named. Color very deep purple. Petals are long, straight and tightly quilled. **25 cents each.**

FLAME (Straight). A beautiful orange-scarlet. Florets long and tightly quilled. **25 cents each.**

FRENCH MARATHON (Hybrid). A beautiful deep, rich purple. Large flower, and one of the best of its color. **50 cents each.**

GEN. J. B. SETH. Rich brilliant scarlet with orange scarlet shadings. **50 cents each.**

GIANT OF STUTGART. (Hybrid). One of the largest Dahlias of this type. A bright blood-red with purple shadings. **50 cents each.**

GOLDEN GEM. (Straight) One of the finest golden yellow Cactus Dahlias we have had the pleasure of offering. It is first-class in every way and attracted much attention this past season. **50 cents each.**

GOLIATH (Hybrid). Yellow, tinged with salmon; broad petals; distinct. **25 cents each.**

H. H. THOMAS. (Stredwick) (Incurved.) The flowers are of beautiful formation, having long, incurving florets or petals. The color is a beautiful rich deep crimson. **50 cents each.**

H. G. ALFORD (Straight). A beautiful pale yellow, edged and shaded amber and pink. **25 cents each.**



Cactus Dahlia
50 cents each

One-half actual size
See description on page 11

Mme. Henri Cayeux

HONESTY (West). (Moderately incurved.) A very free flowering variety of perfect habit. The flowers are white at first, changing with age to pale pink with white center. Each is produced upon a stiff, wiry stem, well above the foliage. **50 cents each.**

IGNEA. (Moderately Incurved.) Bright crimson-scarlet. A very large and distinct variety. Perfect form. **\$1.00 each.**

J. H. JACKSON (Vernon & Barnard) (Straight). The finest black Cactus Dahlia in existence. An exceptionally satisfactory all-round Dahlia; one of the most prominent for garden decoration, superb as a cut-flower variety and equally good as an exhibition flower. Color, a perfectly gorgeous, deep velvety, blackish-maroon. Gigantic in size. Every Dahlia lover should grow this variety. **25 cents each.**

KRIEMHILDE (Hybrid). Color, flesh delicate pink, shading to white in the center; very late flowering. **25 cents each.**

LAURANIA (Incurved). Orange, terra cotta and cinnamon; large, bold flowers of good incurved form. Plants quite robust; very free blooming, producing immense flowers. **35 cents each.**

LIBELLE (Straight). Clear, deep rose-purple. **25 cents each.**

LORNA DOONE (Stredwick) (Incurved). This exquisite medium sized Cactus is especially suitable for garden decoration and cutting. The blending of colors is unusual; yellow at base, the greater part of the floret being a beautiful pink shade, yet so decidedly tinged with carmine as to make it very distinct. **50 cents each.**

MARGUERITE BOUCHON (Straight). One of the finest pink exhibition Dahlias to date. The color is a brilliant rose-pink with delicate white center. The flowers are large and borne on stiff stems, well above the foliage. **75 cents each.**

MARJORIE CASTLETON (Straight). The outer florets are pleasing shade of rose-pink, while the tips and central florets are cream white. **25 cents each.**

MME. HENRI CAYEUX (Cayeux). (Straight). (See illustration page 10.) A reliable exhibition variety. The flowers are of the largest size with long, narrow florets, forming a bloom of magnificent form. The color is a beautiful rich pink daintily tipped white. I highly recommend this variety as one of the best. **50 cents each.**

MRS. BRANDT. (West). (Moderately Incurved.) (See page 4.) The flowers are large, charmingly beautiful and perfect for exhibition purposes. The florets are exceptionally long, and very evenly distributed, standing out like a circular array of spears, while the center is a picture of perfection. The plants make splendid specimens, with deep green foliage, and carry their flowers on enormous stems, well above the foliage. The coloring is most exquisite, a beautiful salmon-buff, blending to golden yellow at center. One of the largest and best. **\$1.00 each.**

MRS. FERDINAND JEFFRIES. The largest and best rich velvety maroon of the Hybrid type. The petals are broad, curled and twisted. A very free bloomer, large and massive. **50 cts. each.**

MRS. EDWARD DRUREY (Stredwick). (Incurved.) This creation will prove a thoroughly reliable variety in any situation. Color is a delicate shade of purple-crimson. The flowers are formed evenly, but not strikingly incurved. Large blossoms produced very freely, and are good throughout the season. **50 cents each.**

MRS. LANDALE (Cheal) A slightly incurved English Cactus Dahlia, golden-yellow suffused and heavily tipped old rose. The stems are long and stiff. Free bloomer. **50 cents each.**

MRS. F. GRINSTEAD (Stredwick). (Incurved.) A deep, rich crimson with just a suspicion of purplish shading. Petals incurved; flowers of large exhibition size. **25 cents each.**

MRS. GEORGE CASTLETON (West) (Straight). This is one of the finest dark shades ever introduced. The color is a velvety blackish maroon, shaded purple. Petals remarkably narrow and tightly quilled. **35 cents each.**

MR. SEAGRAVE. (Straight.) Deep purple. **25 cents each.**

MRS. T. W. WILLIS. White in the center with edgings of lilac on the younger florets, the greater part of the bloom being rose-lilac. Moderately incurved. **35 cents each.**

NANTWICH (Stredwick). (See illustration, this page. Incurved English Cactus Dahlia. With this variety the habit is a great feature as well as the flower, the growth being upright and the flower stem particularly strong. The blossoms are of incurved form, the florets being evenly placed and unusually good in texture. The color is a beautiful golden-orange, somewhat deeper in the center. **50 cents each.**



Nantwich—Incurved Dahlia. Good Example of the Incurved Cactus Type. (For description see this page.)

PERLE DE LYON (Hybrid). A pure white exhibition variety of great value. Petals fringed or nicked, giving unique appearance. **35 cents each.**

RAINBOW (Straight). A delicate shade of light pinkish salmon **25 cents each.**

REFEREE (Incurved). A clear, bright, yet soft terracotta. The flowers are very large and produce freely. Much admired by all wherever exhibited. **\$1.00 each.**

REV. DR. BAKER (Moderately Incurved). One of the most satisfactory Dahlias we have ever grown, always being covered with large and perfect flowers. The coloring is very odd, being a novel shade of plum. Excellent for exhibition or garden purposes. **50 cents each.**

SANDY (Hybrid Cactus). Golden orange, suffused with fawn. A flower of great substance and durability. **50 cents each.**

STAR (Straight). Yellow and orange. A fine variety for all purposes; cutting, exhibition and garden. **50 cents each.**

STERN (Straight). Bright primrose-yellow. The flowers are large; petals long and pointed. One of the most satisfactory varieties. **25 cents each.**

THOMAS CHALLIS (Incurved). A very rich tone of salmon-red or rosy-salmon. The florets are beautifully incurved and arranged with the utmost regularity. This variety can be recommended as one of the best for cut-flower purposes. **50 cents each.**

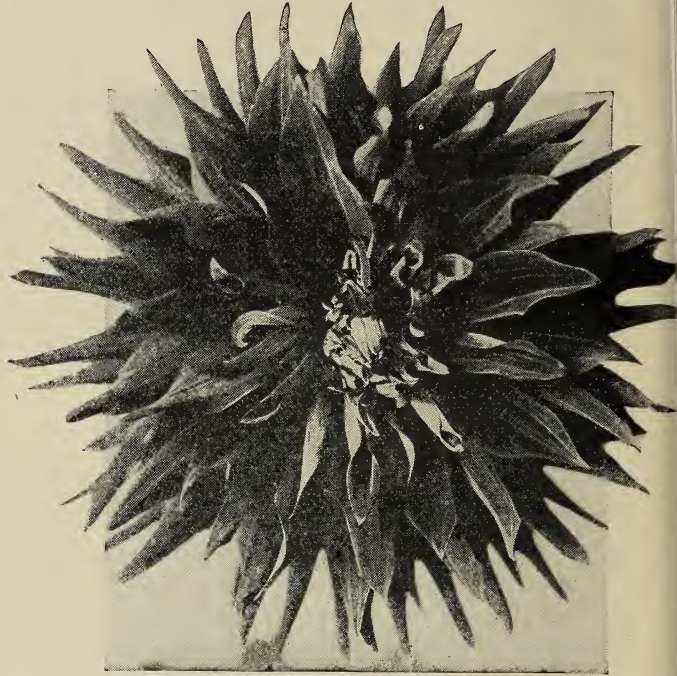
VARIABLES. (Hybrid). A novelty of most graceful character. Beautiful deep orange artistically tipped pure white. The petals are fringed or nicked and very gracefully incurved. **35 cents each.**

W. B. CHILDS (Hybrid Cactus.) (See illustration on this page.) A very reliable variety. Color a beautiful dark purple-maroon. Flowers extra large. **35 cents each.**

WINSOME (Hobbies). (Straight.) Pure cream white. **25 cents each.**

YELLOW KING (Hornsveld.) Another gigantic Hybrid Cactus, splendid for cutting. A fine, pure yellow, passing to a lighter shade at the tips. The stems are long, stiff and upstanding. The plant is a vigorous grower and an early, prolific bloomer. A splendid introduction. **75 cents each.**

WM. MARSHALL (Stredwick.) Moderately Incurved.) Very large. A beautiful rich orange with golden yellow center. The habit of the plant is very good, being tall, robust, and producing its immense flowers well above the foliage. **25 cents each.**



W. B. Childs—Hybrid Cactus Dahlia. 35 cts. each.
(For description see this page.)

The Peony-Flowered Dahlias

In presenting my list of new and selected varieties of Peony-flowered Dahlias, I wish to devote a few lines to the history of this comparatively new type of Dahlia; a section which I think will interest all flower lovers

Prompted by the great popularity of the Cactus Dahlia, then so different from the stiff, ball-shaped Dahlias but only beautiful for exhibition, lacking the grace and freedom to flower of the Single Dahlia, European hybridizers saw the possibility of making a type suitable for garden and cut-flower purposes.

By crossing the Cactus and other Hybrid Dahlias with the Single, and vice versa, they developed quite a new type—the Peony-flowered Dahlia—now popular all over the world. These long stemmed, semi-double Dahlias were grown in Holland, and sold as Half-double Giant Dahlias. Mr. H. Hornsveld, an Orchid specialist of Baarn, Holland, immediately saw their possibilities and collected the largest and most promising specimens. The great development and present value of the Peony-flowered type is due to him. After seven years of cross-hybridizing and developing (July, 1904), he was able to show the results at the meeting of the Dutch Horticultural Society at Rosendaal, where he exhibited four varieties, Queen Wilhelmina, Duke Henry, Baron G. de Grancy and Glory of Baarn. Here he received a first-class Certificate of Merit, and the admiration and encouragement of growers and Dahlia lovers. A still greater success was accorded him that same season at the International Exhibition at Dusseldorf, Germany, where he gained the highest awards. The horticultural world gathered at the Show was charmed by the elegant and artistic form, the strong stems, and the delicate colors of the flowers. Mr. Kerr of Liverpool

exclaimed, "Hornsveld's Dahlias are the pride of the Show." After Dusseldorf came Paris. A gold medal and special compliments of the jury were the laurels Mr. Hornsveld gathered there. Amsterdam, London, Brussels and other places followed, where he had the same good fortune.

With this encouragement he continued experimenting and introducing new things, and as his stock increased sufficiently, he distributed them throughout Holland. Because of their great value for cut flower purposes and garden decoration, their popularity increased rapidly, and they were exported to other countries.

English and American Dahlia Specialists, seeing their value, immediately commenced experimenting, and to-day every up-to-date Dahlia specialist offers a collection.

The Peony-flowered Dahlias have exquisite semi-double flowers, with the conspicuous rich golden yellow center and loosely arranged petals. Many are large and fluffy, with long curling and twisting petals, giving them a certain fascination and artistic appearance that none of the other types possess. They are favorite garden and cut-flower Dahlias, producing their flowers abundantly and continuously. Their stems are long and graceful, and their blossoms remarkably effective in bouquets, hotel and house decorations, and in the garden.

My collection is the most complete in existence, including introductions from all over the world, the finest of the American productions, and many choice seedlings of my own hybridization, that I can highly recommend.

New Peony-Flowered Dahlias for 1923

PRESIDENT HARDING. (Alexander.) This is the finest of my new Peony-flowered seedlings, so good it is sure to become a favorite. Everyone who saw it growing in our fields spoke admiringly of it. Named expressly for and with permission of President Warren G. Harding. Six plants of it were sent to be grown on the White House Grounds this year. Its flowers are exceptionally large, and each petal curves gracefully, adding to its beauty. In color it is a pale golden-yellow, blending to sulphur yellow at the tips. The flowers are well formed, with from five to six rows of petals, and show that beautiful golden center, so characteristic of the Peony-flowered type. I can highly recommend this new creation, as it was one of the very best, and produces its gigantic blossoms in great abundance. "President Harding" was one of the earliest to blossom and flowered continuously throughout the season. **\$3.00 each.**

BERTHA BAILEY. (Alexander.) One of my very finest seedlings of brilliant scarlet-red blending to lemon yellow at center. Flowers are very large and produced no long graceful stems. Long curling petals, somewhat resembling "Geisha." **\$2.00 each.**

HELEN MCSHEFFERY. (Alexander.) An early and continuous bloomer that is very attractive because of its color combination, which is white heavily striped and splashed a purplish-red. Flowers produced on long graceful stems. **\$2.00 each.**

HELEN SIMMS. (Alexander.) My new Peony-flowered seedling named especially for Mrs. Frank C. Simms of Quincy, Mass. An attribute to her love for beautiful flowers. In color, a clear pale lemon yellow. Flowers of large size. **\$3.00 each.**

MARY ETHEL IRBY. (Alexander.) **New Peony-flowered Seedling.** An intense rich carmine-red. The finest red Peony-flowered for exhibition purposes



New Peony-flowered Dahlia—"Ossamequin." \$1.00 each.
One-half actual size. (For description see page 15)

I have seen. The shape of the petals is quite unusual each having three distinct points. Very deep flowers, petals long and numerous. Flowers ordinarily grow from 5 to 7 inches in diameter, but can be forced to eight and nine inches. Named expressly for and with permission of Mrs. Mary Ethel Irby of Memphis, Tennessee, proprietor of "The Flower Shop" and a great flower lover. **\$2.00 each.**

Peony-Flowered Dahlias

Up-to-date Varieties

I will ship this collection of 25 Up-to-date Peony-flowered Dahlias for \$20.00 prepaid.



New Peony-Flowered Dahlia—"Jessie Monroe."

One-half actual size. \$1.00 each.

(See description on this page.)

AUORE. New Holland Peony-flowered Dahlia.

In this new importation I have secured the finest in this class in the Autumn tints. The flowers are of very large size, produced on long stiff stems, well above the foliage. In color, a very deep rich orange, a shade that attracted considerable attention at the Fall exhibitions. The plants are tall and sturdy, producing their blossoms abundantly. **75 cts. each.**

BERTHA PAULDING. (Alexander.) A very striking variety for the garden, growing five feet and over in height. The plant is strong and sturdy, producing a large number of blooms on long stems. The flowers are of an exquisite, deep, rose-pink, of good depth and with an open center. Altogether one of the best pinks of its types. **Price, \$1.00 each.**

BESSIE SEABURY. Alexander's New Peony-flowered Seedlings.

White very daintily overlaid a delicate mallow pink. An exceptionally free-flowering variety, of good habit, that produces its blossoms on good long stems. Named for and by permission of Mrs. William T. Seabury, North Weymouth, Mass., a great admirer of beautiful flowers. **75 cents each.**

CALIFORNIA (Hornsveld). Introduced from Holland as a Peony-flowered Dahlia, but with us, it has characteristics of both the Decorative and Peony-flowered types. The early flowers are full to the center, with broad petals that are somewhat pointed and long, like the true-Decorative. As the season advances, the flowers show that beautiful golden-yellow center, so characteristic of the Peony-flowered type. In color, it is a beautiful clear rich deep yellow, which makes it without exception one of the very finest yellow Dahlias, to date. The blossoms are large, and produced upon good long stiff stems. Very free-flowering. **50 cents each.**

CARDINAL (Hornsveld) New Holland Peony-flowered Dahlia. A very large flower that early in the season comes nearly full to the center, and of a gorgeous maroon-purple. The stems are unusually good, being long and very strong, producing the flowers well above the foliage. The best of this color to my knowledge. **75 cents each.**

GERTRUDE BURBANK. Alexander's New Peony-flowered Seedling. Named expressly for Mrs. Gertrude Burbank of Waco, Texas, who admired this new creation when she visited my gardens, and I take pleasure in naming it for her. The flowers are very large, and of a brilliant scarlet-red. Petals are perfectly original, being long and Cactus-like. This creation is a seedling from the popular variety "Geisha." The plants are very tall, producing their flowers upon long stems. **75 cents each.**

GRACE KIRSCHNER. Alexander's New Peony-flowered Seedling. White daintily overlaid cameo-pink. Its blossoms are very large, and exceptionally fine. One of the most delicate of this collection.

Named expressly for and with permission of Mrs. Kirschner of Hamden, Connecticut, in appreciation of her admiration for Dahlias. **\$1.00 each.**

JESSIE MONROE. (See illustration.) Alexander's New Peony-flowered Seedling. Another of my seedlings that I had the pleasure of naming for one of my flower-loving customers. A very delicate shade between a La France and shrimp pink with a blending of pale lemon-yellow at center. A very deep full flower, and an early, continuous bloomer. **\$1.00 each.**

JONTEEL. Alexander's New Peony-flowered Seedling. Beautiful pale corinthian pink blending to golden yellow at the center. Good long stems. **75 cents each.**

KATHINKA ANDERSEN. Alexander's New Peony-flowered Seedling. Named for one of my customers Kathinka Andersen of Castle Dale, Utah. A beautiful lemon-yellow, exquisitely overlaid pale amaranth pink. **\$1.00 each.**

LATONA (Hornsveld.) New Holland Peony-flowered Dahlia. An unusual blending of orange, buff and yellow. Flowers are nearly full to the center, and produced freely, upon good stems **\$1.00 each.**

PEONY FLOWERED DAHLIAS—Continued.

MINA SEABURY. Alexander's New Peony-flowered Seedling. Named expressly for Mrs. Philip Seabury of Boston, Mass., who selected this variety from my collection of seedlings, as one of the most beautiful; surely an attribute to Mrs. Seabury's good judgment of beautiful flowers. A very large flower, with long curling petals, that is destined to become a great favorite. In color, a sulphur-yellow, very daintily overlaid mallow pink. **\$1.00 each.**

MISS BARBARA HAMMOND. Alexander's New Peony-flowered Seedling. An exquisite shade of silvery rosolane-pink, blending to clear pale lemon-yellow at the center. One of the most beautiful. A very tall growing plant, producing its blossoms upon long stems. **\$1.00 each.**

MISS LYMENA T. BAXTER. Alexander's New Peony-flowered Seedling. Named expressly for and with permission of Miss Lymena T. Baxter of Barnstable, Mass., in recognition of her great love for flowers. This new creation received an Honorable Mention at the September Dahlia Exhibition of the Massachusetts Horticultural Society; the highest award given to a seedling exhibited for the first time. The coloring is a very beautiful clear pale lemon-yellow. **\$3.00 each.**

MRS. A. E. BEALS. Alexander's New Peony-flowered Seedling. Named expressly for and with permission of Mrs. A. E. Beals of North Weymouth, Mass., as an attribute to her fondness for beautiful flowers. Cream color, very heavily overlaid a rosy purple, the general appearance being a deep rose-pink. Blossoms of large size, produced upon long stems, well above the foliage. **\$2.00 each.**

MRS. CARRIE HAYWARD. Alexander's New Peony-flowered Seedling. Named expressly for my customer Mrs. Carrie Hayward of Halifax, Mass., a great lover of flowers. One of the earliest and most prolific of my entire collection. A beautiful peach-

red blending to begonia rose, the general impression being peach red. The shape of the flower is distinctive and unusual, and its color is not found in any other Dahlia to my knowledge, making it a very desirable garden and cut-flower variety. **\$2.00 each.**

MRS. C. B. KING. Alexander's New Peony-flowered Seedling. Named especially for and with permission of Mrs. C. B. King of Taunton, Mass., a very enthusiastic Dahlia lover. On one of Mrs. King's visits she selected this from my large number of seedlings as one of special merit, so I suggested it be named for her. Pale chalcodony-yellow—nearly a clear sulphur yellow. A large flower of perfect shape, that has proven very free-flowering and can be highly recommended. **\$3.00 each.**

MRS. J. H. BENTON. (Alexander.) A large, full deep flower with long, strong stems. The color is white, suffused with a delicate yellow; the reverse of the petals are streaked carmine, which delicately tints the whole flower. Plants are very tall and vigorous. Really a beautiful variety. **Price, \$1.00 each.**

MRS. NEWELL D. ATWOOD. Alexander's New Peony-flowered Seedling. A very tall, long-stemmed free-flowering variety. Its color is very rich and brilliant; a gorgeous deep crimson-red. Its plants were very strong, sturdy growers, and it promises to become one of the most popular. Named in honor of Mrs. Newell D. Atwood of Ossamequin Pines and Boston, Mass., a great admirer of beautiful flowers. **\$1.00 each.**

OSSAMEQUIN. Alexander's New Peony-flowered Seedling. See illustration on page 13. Pale lemon-yellow, heavily striped and splashed carmine-red. Free-flowering, and with good stems. **\$1.00 each.**

SALVATOR (Hornsveld.) New Holland Peony-flowered Dahlia. Deep rose-pink blossoms, plants of medium height, and edges of petals are of a curling nature, giving the flower an entirely original appearance. **50 cents each.**

SARA W. ASHENDEN. Alexander's New Peony-flowered Seedling. A most beautiful shade of rhodamine purple. Flowers borne upon long strong stems, well above the foliage, and for vases and house decoration are especially good, lasting long after cut. This new seedling was greatly admired by Mrs. Ashenden when first exhibited and was named in her honor. **\$1.00 each.**

THE RHODES. Alexander's New Peony-flowered Seedling. A live shade of pale rosolane-pink with a dainty blending of yellow at the center. This new creation was exhibited for the first time September 1920 in the collection of twelve best Peony-flowered Dahlias at the Dahlia exhibition of the Massachusetts Horticultural Society, the collection winning first premium, against strong competition. The flowers are very large and of a very delicate blending of colors. Very good for exhibition purposes. **\$2.00 each.**

WAMPATUCK. Alexander's New Peony-flowered Seedling. Similar in color combinations to "Twentieth Century" but larger and of deeper color. An exquisite cream shade, very heavily overlaid rose purple. **\$1.00 each.**

WAMPUM. Alexander's New Peony-flowered Seedling. Pale barium-yellow, heavily striped and splashed crimson-scarlet. Long stems and very free-flowering. **\$1.00 each.**



Newport Dandy—Peony Flowered Dahlias. \$1.00 each.
(For description see page 17.)

General List of Select Standard Peony-Flowered Dahlias

A collection of the choicest Standard Peony-flowered Dahlias in existence; introductions from all over the world. I will send this Phenomenal Collection of 28 Fashionable Peony-flowered Dahlias prepaid for \$10.00.

ANNY DOPPENBERG. (Hornsveld.) A new Holland introduction with an Award of Merit to its credit. The color is sulphur-yellow, and the habit of the plant is all that could be desired. 50 cents each.

ATLANTA (Alexander.) Remarkable Peony-flowered Seedling. An ideal flower of remarkable qualities; flowers beautifully formed and of excellent type. Unquestionably the most valuable white Peony-flowered variety. \$1.00 each.

CAECILIA (Hornsveld.) Gigantic Holland Peony-flowered Dahlia. A magnificent flower of great individuality; one that will give perfect satisfaction. A wonderfully large creamy-white flower. 35 cents each.

ELECTRA (Hornsveld.) The coloring of this variety is exceedingly wonderful, a bluish mauve shade, with an exquisite golden-yellow center, which combines to give this variety a prominent place in the Peony-flowered type. Free-flowering. First-class Certificate. 50 cents each.

ELINOR A. INNES. Alexander's Peony-flowered Seedling. Named expressly for and by permission of Mrs. Charles H. Innes of Boston and North Scituate, Mass., in recognition of her great love of the Dahlia. Flower is a beautiful purple with an exquisite yellow center, which lends an additional charm to the entire flower. Very free-flowering. 50 cents each.

EUGENE BURGLE. (Burgle.) An improved seedling from the famous Mina Burgle. A rich, dark red in coloring, the blooms are of immense size and perfect form. The strong, luxuriant plants grow to a height of six feet, and hold the flowers erect and prominent. 75 cents each.

FRAULEIN BUDDÉ. (Hornsveld.) Beautiful Holland Peony-flowered Dahlia. A charming soft, mauve-violet with an exquisite golden-yellow center, which combines to make the flowers most beautiful. Award of Merit. 50 cents each.

GERMANIA. (Hornsveld.) Holland Peony-flowered Dahlia. Bright glowing crimson. 25 cents each.

HORTULANUS BUDDÉ. (Hornsveld.) Gorgeous Holland Peony-flowered Dahlia. A bright scarlet of splendid habit. Award of Merit. 25 cents each.

JOHN GREEN. (Stredwick.) English Peony-flowered Dahlia. The coloring is exceptionally attractive and intensely brilliant, the center being a clear golden-yellow which quickly changes to fiery scarlet. A great feature of this variety is its lasting quality, the flowers remaining in full beauty for over a week, unhurt by rain or sun. The shape of the flower is perfectly original, the petals being beautifully pointed, giving it a starlike appearance. Awarded First-class Certificate by the National Dahlia Society, the joint committee of the Royal Horticultural Society and the National Dahlia Society at the Dahlia Trials at Duffryn, Cardiff. 50 cents each.

LADY SEVILLE. A gorgeous flower of rich, orange-scarlet, petals tipped buff, and slightly reflexed. 25 cents each.

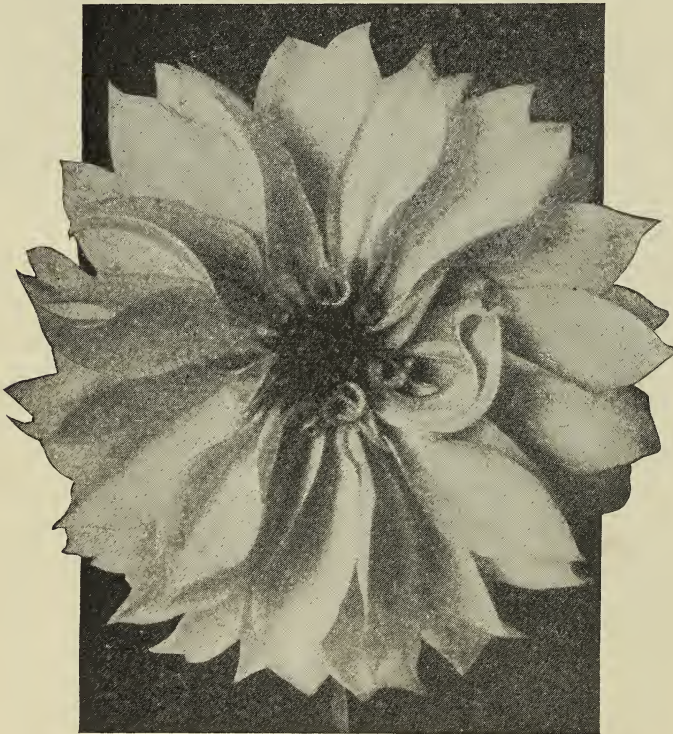
MARIE STUDHOLME. (Ware.) Delicate, bright mauve-pink, shaded with a glistening ivory sheen. This beautiful combination of colors gives the appearance of a lavender-pink. The flowers are of very original form, petals being very gracefully curved and twisted. 35 cents each.

MARY LINDER. Alexander's Peony-flowered Introduction. "Mary Linder" is a seedling from the popular Hybrid Cactus Dahlia "Master Carl," possessing the charming golden-orange color of that variety, but being true Peony in type. The flowers are not large, but good medium size, and are produced with freedom on good stems. This variety was originated by one of my customers, Mr. John Linder of Canton, Mass., and through his courtesy I have the pleasure of introducing it. 50 cents each.

MME. VAN BYSTEIN. (Hornsveld.) A very distinct and new shade, lilac-blue throughout. Plants tall and sturdy, holding blooms well above the foliage. Large and fine. An early and abundant bloomer that I highly recommend. 50 cents each.

MRS. A. PLATT. (Ware.) Sterling English Peony-flowered Dahlia. A flower of massive proportions, but charming in general appearance. The blossoms are large and perfectly formed. The color is a magnificent bluish-pink. First-class variety; valuable for exhibition purposes. 25 cents each.

MRS. BOWEN TUFTS. Alexander's Gigantic Peony-flowered Seedling. Named expressly for and by permission of Mrs. Bowen Tufts of Boston and Allerton, Mass., in recognition of her admiration for the beautiful. This creation is the finest of my new Peony-flowered Dahlias, having gigantic, deep rosy-purple blossoms, which are produced well above the foliage upon long, graceful stems. The habit of the plant is excellent, flower stems being long and the bushes tall and exceptionally sturdy. 35 cents each.



ROSE GEM. (For description see page 21.)

MRS. G. DRUMMOND. (Alexander.) This is a great acquisition. The color is a beautiful apricot, suffused with salmon—a distinct and lovely shade. A perfect cut flower and a free bloomer. **75 cents each.**

MRS. GEORGE GORDON. (Ware.) A delicate creamy-white flower of large size. **25 cents each.**

MRS. JACQUES FUTRELLE. (Alexander.) **Up-to-date Peony-flowered Seedling.** Flowers of medium size, but very attractive. An exquisite lemon-yellow, heavily splashed scarlet. Very free-flowering. **25 cents each.**

MRS. M. W. CROWELL. (Alexander.) A remarkably sturdy variety of perfect habit. Color, a beautiful orange-yellow. Very free-flowering. **25 cents each.**

NEWPORT DANDY. (See illustration page 15.) A lilac-pink of the most delicate shade. The yellow center is open with the inner petals curling and twisting over it. A large size flower and a very profuse bloomer. **\$1.00 each.**

PAINTED LADY. (Hornsveld.) **Up-to-date Holland Peony-flowered Dahlia.** A beautiful pale rose. Award of Merit. **25 cents each.**

QUEEN WILHELMINA. (Hornsveld.) **Giant Holland Peony-flowered Dahlia** Largest and finest of the pure white sorts; excellent for decorative work and unsurpassed as a cut flower. Blossoms produced upon long, graceful stems, well above the foliage. An immense, fluffy flower of pure glistening white, showing its beautiful golden-yellow center very prominently, which lends an additional charm to this most beautiful flower. **50 cents each.**

ROCHESTER. (Alexander.) **Superb Peony-flowered Seedling.** Color, a gorgeous crimson-maroon, effectively striped and splashed pure white. A beautiful flower of most original form, every petal twisted, making a gay contrast with the beautiful golden-yellow center, characteristic of the Peony-flowered type. **50 cents each.**

SAN FRANCISCO. (Alexander.) A flower of splendid habit and great substance. Pure white, well-formed flowers. **50 cents each.**

SOUTH POLE. (Cannell.) A new large white variety, rivaling "Queen Wilhelmina." It bears the blooms freely, well above the foliage, on strong erect stems. A welcome addition to the Peony class. **50 cents each.**

VIRGINIA MARSHALL. (Alexander.) A very beautiful and delicate new variety. In shape and form the flowers are perfectly original; the petals are very long and "Geisha"-like, being beautifully quilled and twisted. The blossoms are an exceptionally dainty primrose-yellow, faintly overlaid a delicate rose-lilac shade. **50 cents each.**

ZEPELIN. (Hornsveld.) **Holland Peony-flowered Dahlia.** The incomparable delicacy of this variety has excited great comment. The color is the most beautiful shade of mauve—a very fascinating color. The perfection in form of



this variety is one of its greatest features. Award of Merit. Very abundant flowering. **50 cents each.**

TWELVE MARVELOUS PEONY-FLOWERED DAHLIAS PREPAID FOR \$3.00.

The Flower of the Fashionable World.

No.	No.
1 Queen Wilhelmina	7 Mrs. George Gordon
2 Mrs. A. Platt	8 Mrs. Bowen Tufts
3 Rochester	9 Mrs. M. W. Crowell
4 Caecilia	10 Salvator
5 Fraulein Budde	11 Zeppelin
6 Phenomene	12 Hortulanus Budde

Peony-Flowered Dahlia Seed

I have selected and reserved more hand-pollensized Peony-Flowered Dahlia Seed than I will require for my own planting, and can supply a limited number of packets of this seed. It is the best Peony-Flowered Seed I can offer; being personally selected from my largest and best varieties and a portion of what I am to plant in my own trial garden. I highly recommend this seed. **\$1.00 per packet** of 50 seeds, or **50c. per packet** of 25 seeds.

Duplex Dahlias

This is a much needed classification of a favorite type of Dahlias, now listed by some as Peony-flowered Dahlias and by others as singles. The flowers are semi-double, with center almost exposed at the opening of the bud, with petals in more than one row, more than twelve petals, and not over three rows. Petals are long or flat, or broad and rounded, not noticeably twisted and curled. They are very free-flowering, being ideal for cut-flowers.

General List of Duplex Dahlias

This collection of 8 Duplex Dahlias for \$3.00 prepaid.

DAY STAR. A very free-flowering pure white variety, that is most appropriately named, being star shaped, each petal being pointed at the end. **50 cents each.**

ELLEN E. KELLEY. (Alexander.) New Duplex Seedling. A long-stemmed free-flowering golden-yellow variety that attracted considerable attention in my gardens this past season, being admired by many, and named for one of my customers, in recognition of her great love for beautiful flowers. This variety is highly recommended having all the good qualities of the Dahlia. **75 cents each.**

FRIGOLIA. (Forbes & Keith.) While not a particularly large flower, on account of its very striking appearance it is very effective in the garden. It comes quite true to its color, a blood-red petal with a white tip. Fine as a cut flower. Free-flowering. **50 cents each.**

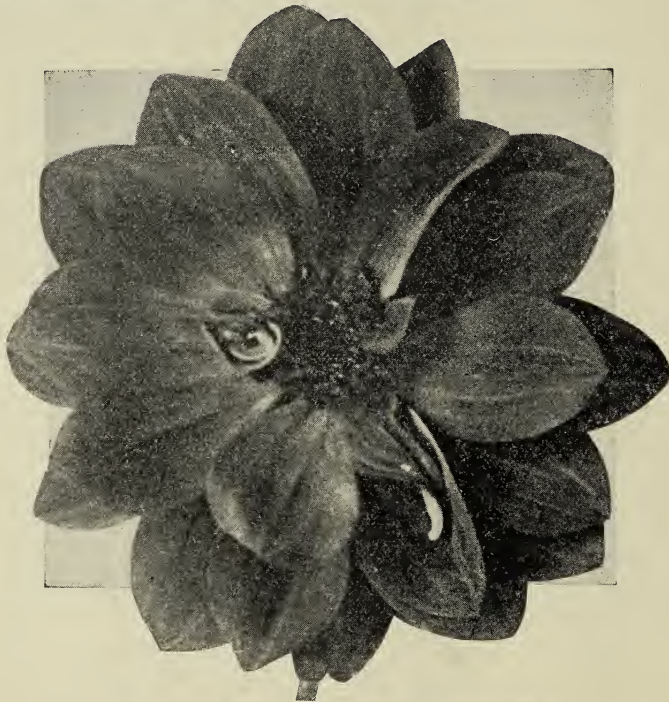
IMPROVED GERMANIA. (Alexander.) New Duplex Seedling. (See illustration on this page.) A rich deep scarlet-red, very brilliant and showy. Plants grow dwarf and bushy, making ideal specimens; and producing their blossoms early and abundantly. Highly recommended. **75 cents each.**

MARY HOUGHTON. (Alexander.) New Fragrant Duplex Dahlia. This introduction has a delicate but well defined pond-lily fragrance. The petals are of the Cactus-Peony type, being long, narrow and pointed at the tip. The plants are of excellent habit and bloom freely. The color is a light mallow-purple with a ring of waxy cadmium-yellow around the golden-yellow centre, the reverse of petals being a beautiful rhodamine-purple. A most remarkable novelty. **75 cents each.**

OSCEOLA. (Alexander.) New Seedling. The plants are tall and sturdy growers, producing their blossoms on long stems. In color, a bright carmine, with a ring of golden-yellow at the center. **25 cents each.**

PHENOMENE. Beautiful French Duplex Dahlia. A very effective and novel variety, having beautiful Cactus-shaped florets. The color is an exquisite salmon shade, suffused light amber. **25 cents each.**

SATUCKET. (Alexander.) Cactus-shaped petals of enormous length, curving inward at the tips. In color, the flowers are scarlet, veined golden-yellow. **25 cents each.**



Duplex Dahlia—"Improved Germania."

One-half actual size. **75 cents each.**

(For description see this page.)

Decorative Dahlias

The Decorative Dahlia is the pride of all Dahlias, standing out pre-eminently. In the garden the plants are strong, sturdy, vigorous growers, with heavy, dark green foliage and a remarkable constitution. The blossoms are produced in great profusion, which is exceptional for a type of giant-flowering Dahlias. For cut-flower purposes they are unsurpassed, having long, straight stems of wiry stiffness, and producing their flowers in a pleasing

upright manner; then principally their lasting qualities when cut—they are unequalled, lasting longer than any of the other types. As an exhibition flower the Decorative Dahlia is the most gigantic of all Dahlia blossoms having beauty, substance, quality—all essential characteristics of a true "Model of Perfection." As a decorative flower they are first in every respect; being graceful, adapted to designs, and most artistic.

The blossoms of the Decorative Dahlias are large, flat, but beautiful in shape, and full to the center; the petals are somewhat irregularly situated, long, broad, flat and nearly straight.

My collection of Decorative Dahlias is the largest and most up-to-date to my knowledge, including the finest and largest varieties from all parts of the world.

New Decorative Dahlias for 1923

This collection of 10 Gigantic New Decorative Dahlias prepaid for \$20.00. An unusually good collection, and one sure to give satisfaction.

AZALEA. A fine large, soft, creamy yellow, the outer row of petals being tinged a delicate pink, giving an unusual and exquisite effect in coloring. **\$1.00 each.**

DOROTHY WILLIS. A new Decorative Dahlia that always attracts considerable attention, as variegated Dahlias are always attractive and popular. In color, a clear white heavily striped and splashed maroon. Flowers of large size growing from five to eight inches in diameter. **\$2.00 each.**

GEN. APPLETON. (Bemister). Introduced this year for the first time. A very large, perfectly clear yellow of the Hybrid Decorative type, the ends of the petals being slightly pointed. Fine, long stems and a very free bloomer. (See illustration on front cover.) **\$10.00 each.**

GEN. JOFFRE. (Rozain-Boucharlat.) The well-known French variety, pink, shaded white. **\$1.00 each.**

IDA LEWIS. A large, deep flower on long, stiff stems, the color being a rich, burnt orange. **\$1.00 each.**

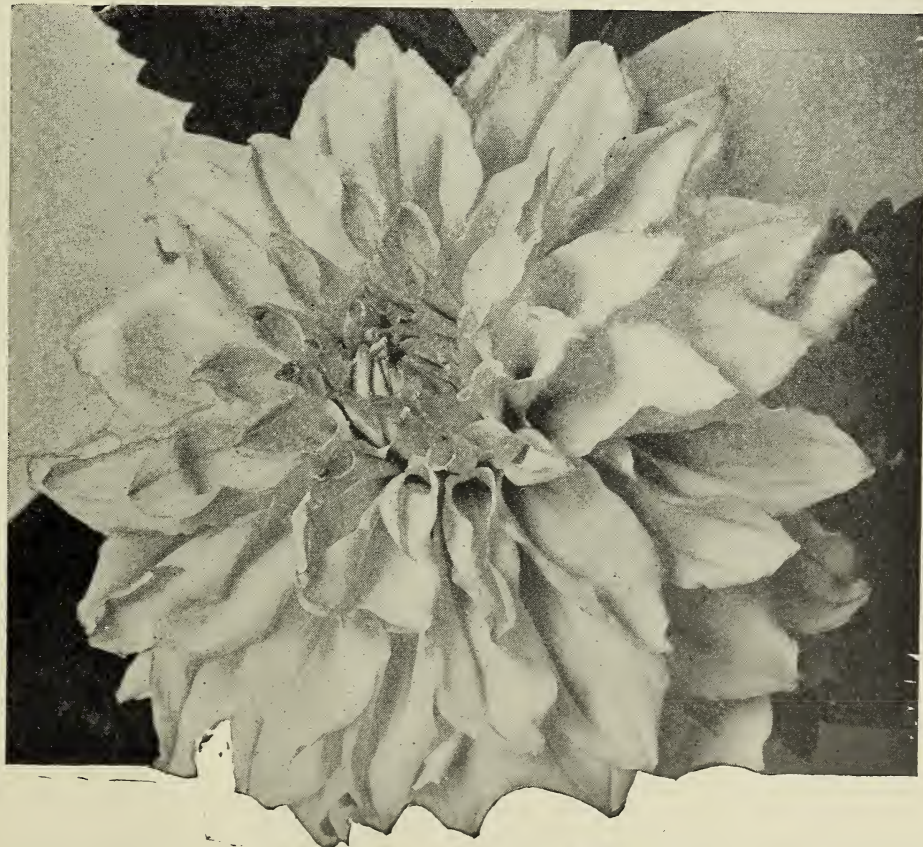
JAMES H. McVICKER. (Hathaway.) A very abundant flowering variety that is attractive because of its combination of colors. White splashed and heavily striped purple-crimson. An early continuous bloomer. **\$1.00 each.**

MAIDEN'S BLUSH. White overlaid a delicate blush pink, a very attractive and popular coloring. An especially abundant bloomer. **\$1.50 each.**

PEACE. One of the best large pure white decoratives. Not to be confused with Colossal Peace. **\$2.00 each.**

PAUL BONYON. (Hornsveld.) One of the finest Dahlias from Holland. An exquisite shade of apricot-orange with a tinge of lemon yellow at the base of the petals. Long stiff stems, producing good sized flowers in abundance. One of the favorite autumn tints so popular at this time. **\$2.00 each.**

WM. H. SLOCOMBE. (Slocombe). The largest and best pale yellow Decorative to my knowledge. A clear sulphur yellow passing to martinus yellow at tips. Flowers of gigantic size, from six to eight inches in diameter under ordinary conditions, and can be forced larger. **\$2.00 each.**



Yellow Mons. Le Normand. \$2.00 each.

(See page 21 for description.)

Up-to-date Decorative Dahlias

will ship this collection of 20 Superb Decorative Dahlias, prepaid to any part of the world for \$15.00



Nancy Rankin—Decorative Dahlia. 50 cents each. (For description see p. 21)

CHESTER S. WOODMAN. (Alexander.) New Decorative Seedling. A gigantic flower of rich reddish purple. The plants are tall and sturdy, producing their blossoms on strong stiff stems, well above the foliage. Without doubt, the largest and best of its color. \$2.00 each.

DARLENE. (Alexander.) Delicate New Decorative Seedling. An exquisite shade of live shell-pink with a dainty blending of white at center. The plants make ideal specimens, averaging about 3 feet in height; a single plant making a very effective showing. For massing or hedging, "Darlene" is ideal. The foliage is a heavy, deep green, a perfect contrast with the pink-and-white blossoms. This variety is one of the most satisfactory garden varieties we are offering, the plants being literally covered with blossoms from early July until frost. The uniformity and perfection of the flowers show unusual qualities. Unquestionably the finest pink-and white Decorative Dahlia to date. \$1.00 each

DOROTHY FLINT. (Flint.) This is one of the most beautiful varieties in cultivation. The color combinations are exquisite, being a blending of salmon and pink with a yellow stripe running through the center of the petals. The flowers are from 5 to 6 inches in diameter and are borne on long stems in great abundance, making it valuable for cutting. It is worthy of a place in the most exclusive gardens. Plants dwarf and bushy. \$1.00 each.

DR. THURMAN. An exquisite combination of coloring, the clear yellow of each petal being very delicately suffused with copper tints. The plants are tall and sturdy with perfect habit, holding the large flowers to the best possible advantage. An extra fine Dahlia. 50 cents each.

FRANCIS MARTIN. (Ela.) One of the most charming new Decoratives and one that will be sure to give perfect satisfaction. A white ground, overlaid lavender, the coloring is somewhat similar to the well-known W. W. Rawson, but the shade of lavender is darker. The stems are long and very stiff holding the large flower erect with ease. 50 cents each.

GENERAL CUSTER. An unusually free-flowering new variety often over 8 inches in diameter. A combination of yellow, white and coral red; no two flowers exactly alike in color. As the season advances, this variety, like many Decoratives, shows the beautiful golden-yellow center, so characteristic of the Peony-flowered type. \$1.00 each.

JONKHEER BOREEL VAN HOOGELANDEN. A new Holland importation commonly called "Jhr. Boreel." An elegantly formed flower, of gigantic size, and without doubt the finest of its color in existence. The flowers are full to the center, and approaches that of "King of the Autumn" in color, although I consider it a far better Dahlia. A rich deep orange terra cotta. \$1.00 each.

KING OF THE AUTUMN. (Hornsveld.) The habit is absolutely perfect, with strong, sturdy stalks; long, stiff stems and remarkably free-flowering. The coloring is something quite new and unique, buff yellow suffused terra cotta. Many flowers develop semi-double. Obtaining several First-class Certificates in Holland, this Dahlia is destined to become one of the most popular varieties ever introduced. 75 cents each.

LYDIA VANCE. (Vance.) A new Decorative variety of perfect habit and a remarkable blending of colors—white daintily overlaid lavender-pink. \$1.00 each.

MOONBEAM. An immense flower borne on excellent stems, and in color, a clear lemon-yellow. The plant is a sturdy upright grower, producing its gigantic flowers in abundance, making it one of the most desirable. \$1.00 each.

MRS. FRYLINCH. New Holland Decorative Dahlia. Clear, deep scarlet-red. A broad, flat flower of gigantic size. Undoubtedly the largest and finest of the deep scarlet-red Decoratives. The plants are of good habit producing their flowers well above the foliage. 25 cents each.



Mrs. Ella Cline—Decorative Dahlia. \$1.00 each.

(For description see this page.)

MRS. ELLA CLINE. Alexander's New Decorative Seedling. (See Illustration.) A beautiful glistening pure white, with good stems, and a Dahlia that has proven an ideal all round variety. It is very free-flowering, and in blossoming qualities and purity of color, it is not surpassed by any white Decorative I have seen. **\$1.00 each.**

MRS. J. GARDNER CASSET. A lively mauve-pink, large size and fine form. Fine for cut flowers. **25 cents each.**

MRS. WM. H. PEPIN. (Ela.) Large pure white flowers, one of the best for exhibition purposes. **50 cents each.**

NANCY RANKIN. (Alexander.) (See illustration page 20.) A new seedling of my own and introduced now for the first time. The color is a pure white, but the reverse side of the outer row of petals is tinted a most delicate lavender-pink. It is one of the most free flowering varieties of my entire list, the plants appearing to be a mass of bloom. For cut flowers it will be found unsurpassed, keeping in perfect condition for days after being cut. **50 cents each.**

NOIR ALVAREZ. (Nonin.) A gigantic new variety which I can highly recommend. Color, a deep, velvety oxblood red. The plants make a sturdy, vigorous growth with long, stiff stems. A profuse bloomer. **\$2.00 each.**

PIERRE LEBLOUD. (Nonin.) **New French Decorative Dahlia.** Many Dahlia fanciers say this is the most beautiful and attractive of all Decoratives. Its flowers are of very large size, produced on long wiry stems. In color, a bright oxblood red, heavily tipped white. (Solid red flowers often produced.) **\$1.00 each.**

ROSE GEM. A new variety imported this last season from Holland, and one that proves to be one of the finest of its color to date. The habit of the plant is perfect, it being a good strong growing variety producing its blooms upon strong stiff stem well above the foliage.

The coloring is very beautiful and something entirely new; a pleasing shade of salmon-pink with a silvery sheen. We think Rose Gem properly named as it is surely a gem among Dahlias. **\$1.00 each.**

SEA GULL. This Dahlia is pure white and is of the largest size. It sometimes comes semi-double and is greatly admired as a Peony-flowered Dahlia. **\$1.00 each.**

YELLOW MONS. LE NORMAND. (Charmet.) **Giant French Decorative Dahlia.** (See illustration page 19.) An early and continuous bloomer, of good habit, producing its immense flowers on long stiff stems. In color a rich golden yellow, with occasional reddish markings. The largest and finest of this color. One of the most satisfactory garden varieties and equally good as an exhibition sort. **\$2.00 each.**

Mixed Dahlia Seeds

My best mixed seed from all varieties and types. There is much pleasure gained from experimenting with seeds. One may expect six to eight plants from one packet. 25 seeds **25c. per packet.**

General List of Decorative Dahlias

I will ship this collection of 34 Decorative Dahlias, prepaid, for \$10.00.

AYESHA. A beautiful clear, light yellow of immense size. A profuse bloomer with long, stiff stems, and a vigorous grower. 35 cents each.

BENEDICTUS XV. A very highly recommended variety imported from Holland. The color is a splendid deep yellow, with stiff stems holding the bloom upright and well above the foliage. 50 cents each.

CLARABEL. Color, rich, rosy purple. 25 cents each.

CLIFFORD W. BRUTON. A large canary-yellow 25 cents each.

DELICE. The finest and brightest pink Decorative Dahlia in existence. Flowers are of good size, standing well above the foliage. A charming bright pink, suffused with lavender-pink. One of the best known cut-flower varieties in the Dahlia world. 35 cents each.

DOLLY or SYLVIA. White edged pink. 25 cents each.

EASTON. Not extra large, but a variety of brilliant color, good form and remarkably free-flowering habit. In color, a brilliant Turkish red. 35 cents each.

ELSIE DAVIDSON. A beautiful deep, golden-yellow, very large, and fine for cutting. 25 cents each.

FRANK A. WALKER. (See illustration this page.) Alexander's Decorative Seedling. Expressly named for Mr. Frank A. Walker, of Stoneham, Mass., in compliment to his intense love of Dahlias. A charming shade of deep lavender-pink. For garden decoration or for cut flowers this variety is exceptionally good, having long stems and producing flowers in great abundance. This Dahlia should be in every garden. 35 cents each.

FREDERICK SPITTEL. Color, vermilion scarlet often tipped white. 25 cents each.

FREEDOM. (Alexander.) One of my 1913 Seedling Decorative Dahlias and a variety which will give perfect satisfaction. The flowers are a beautiful deep crimson color and are produced with such ease and freedom that we chose "Freedom" as the most appropriate name. One of the earliest flowering. 50 cents.

HORTULANUS WITTE. (Hornsveld.) Remarkable Holland Decorative Dahlia. A waxy, almost glistening pure white; a beauty in every sense of the word. 50 cents each.

JACK ROSE. (Peacock.) The identical shade of the rose with the same name. This variety is exceedingly free, carrying fairly large flowers on very erect stems in great abundance; flowers early, and during the hot weather the color is likely to burn somewhat. 25 cents each.

JEANNE CHARMET. (Charmet.) The flowers measure from 7 to 10 inches in diameter and are borne on stiff wiry stems frequently 18 to 24 inches long. The color is a most exquisite shade of lilac pink, daintily shading to pure white towards the center, with a tinge of light yellow at the margins. 50 cents each.

JOHN R. BALDWIN. A splendid variety. Color a beautiful salmon-red. 25 cents each.

LE GRAND MANITOU. (Rivoire.) The color of this superb variety is pure white artistically striped, splashed and blotched deep violet purple. The plants occasionally bear a solid purple-colored flower. The effect of these phenomenal flowers is most pleasing, giving this variety a supreme place in this class. 50 cents each.

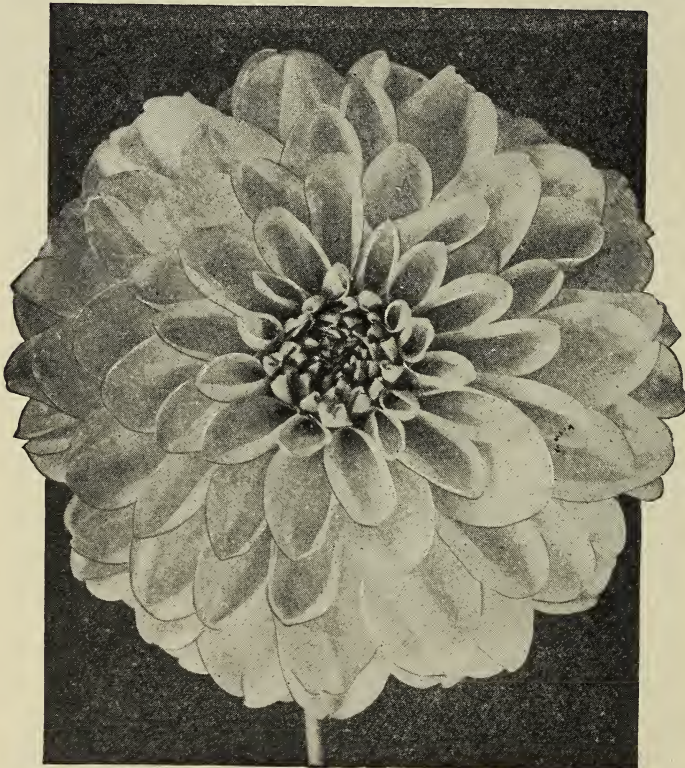
MADMOISELLE M A R I E HOSTE. A fascinating shade of heliotrope, shaded white. 25 cents each.

MADONNA. (See illustration, page 23.) A perfect wonder; its remarkable qualities being beautiful shape, excellent cut-flower variety, and one of the most satisfactory in the garden. The flowers are borne in a miraculous profusion, upon long graceful stems of wiry stiffness, making it one of the most desirable. In color a very beautiful white, very slightly tinted with a most delicate shade of lavender-pink. The form is perfectly original, each petal curling and twisting in a very pleasing manner. 50 cents each.

MELODY. (Peacock.) A clear canary-yellow, tipped white. High center with reflexed outer petals. A remarkably free bloomer. 25 cents each.

MINA BURGLE. (Burgle.) (See illustration on page 25.) A seedling named and originated by Mr. Burgle, a California Dahlia lover. This new introduction is one of the finest varieties to date—a champion variety, producing flowers of gigantic size and remarkable beauty; the best in existence. Color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type and are borne upon long, wiry stems well above the foliage. Attracts universal attention. 50 cents each.

MINOS. Flowers are large and exceedingly beautiful, borne on long, graceful, wiry stems.



Decorative Dahlia—Frank A. Walker. 35 cents each.
One-half actual size. One of the earliest and most satisfactory Dahlias grown.
(See this page for description.)

The color is intense velvety maroon, almost black. An ideal cut-flower variety. Fine for all uses. **25 cents each.**

Mlle. LAURENCE CHABANNE. Soft rose, striped and spotted with crimson. Fringed petals. A large flower and a fine bloomer. **50 cents each.**

MME. VAN DEN DAELE. A grand Dahlia of highest Decorative type. Flowers are large and of fine form; produced upon exceptionally good stems, well above the foliage. As a cut-flower variety it is unsurpassed. The color is white, deeply edged live silvery-pink. A Dahlia which bears my highest recommendation. **50 cents each.**

MOONLIGHT. Color, yellow, petals tipped peach pink. A good flower and good bloomer. **\$1.00 each.**

ORA DOW. A beautiful velvety maroon, effectively tipped white. Very strong, tall growing plants. **25 cents each.**

PRINCESS JULIANA. (Hornsveld.) **Splendid Holland Decorative Dahlia.** It is perfect as an exhibition flower, ideal for garden decoration and unsurpassed for cutting. Holland Dahlia specialists claim this the finest white Decorative Dahlia for cut-flower purposes, and also the best flowering. Received the Holland Dahlia Society's First-Class Certificate. **35 cents each.**

PURPLE MANITOU. (Rivoire) Enormous flowers of a rich, clear, deep purple. Identical in shape, form and size to "Le Grand Manitou." The very finest purple Decorative Dahlia in existence. I cannot recommend this variety too highly. **35 cents each.**

PROGRESS. A clear lavender, with stripes and blotches of soft crimson, through each petal. **25 cents each.**

QUEEN MARY. (Peacock.) This is a stronger grower than Delice. A large flower with full,

One of the finest cut flower Dahlias grown.

(See page 22 for description.)



Decorative Dahlia Madonna.
50 cents each;
\$5.00 per dozen.
 $\frac{1}{2}$ actual size.

OREGON BEAUTY. (Gill.) Originated by an Oregon seed firm. A seedling from "Wm. Agnew," resembling the parent in size, shape and color. Flowers are large and full to the center. Color, a glowing, fiery scarlet. **35 cents each.**

PAPA CHARMET. (Charmet.) A very brilliant, deep coral-red, overlaid with a darker shade of velvety maroon. The plant is a vigorous grower, with heavy, dark, glossy green foliage and a remarkable constitution. The general color effect being a rich crimson-maroon. **35 cents each.**

PERLE DU PARC DE LA TETE D'OR. (Rivoire.) One of the best white Decorative Dahlias, resembling the Peony. Petals are evenly split or nicked at the tips, giving the flower an unique appearance. Color white, effectively overlaid lavender. **25 cents each.**

rounded center. The color is a soft shade of pink. **35 cents each.**

SOUVENIR DE GUSTAVE DOAZON. (Bruant.) This variety is a good comparison to the "Sunflower." It is the largest Dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. The plant is a very tall, vigorous grower with heavy, dark, glossy green foliage and a remarkable constitution. Very long stems of pleasing, stiff-upright type. Should be in every garden. **35 cents each.**

WILHELM MILLER. Very brilliant purple. This is a fine variety of the Decorative type. **25 cents each.**

Hybrid Show or Colossal Dahlias

This type of Dahlia has characteristics of both the Decorative and Show types.

The flowers are fully double, broadly hemispherical to flatly globular in form, loosely built so spiral arrangement of florets is not immediately evident; floral rays broad, heavy, cupped or quilled, with rounded tips and involute margins.

This phenomenal collection includes the very largest Colossal Dahlias in existence, all exhibition varieties of gigantic size. I will ship the collection of fourteen varieties prepaid for \$5.00.

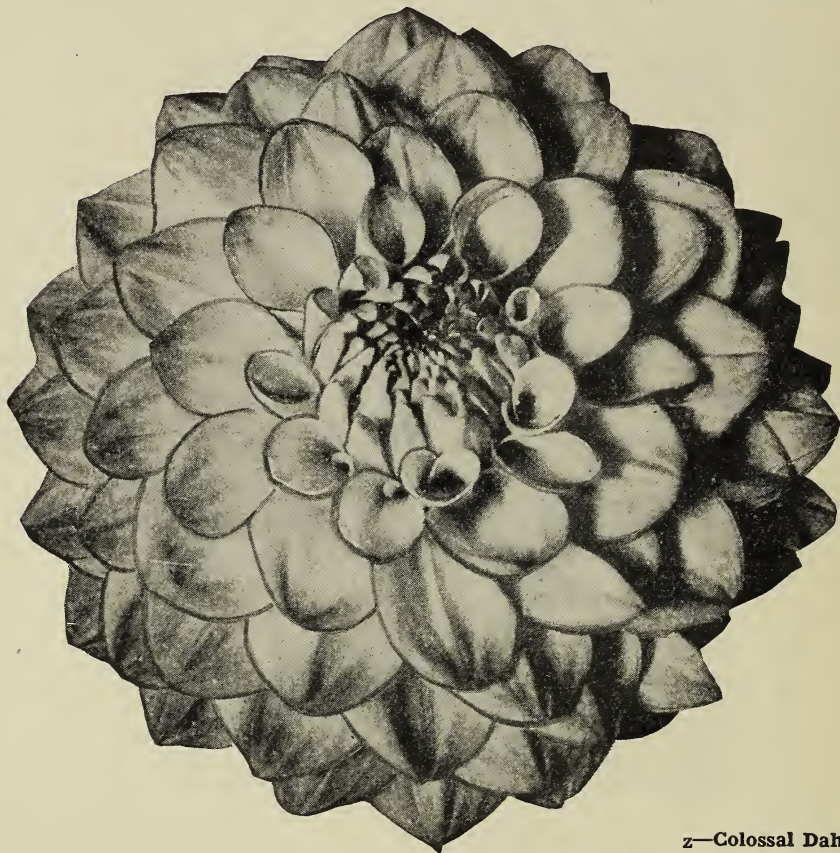
A. E. JOHNSON. (Johnson.) A perfect example of the Giant-flowering type. The plants are strong and sturdy, with good habit of growth. The ground color of the bloom is white or light blush, overlaid with a clear rose-pink. A very large and fine flower. **50 cents each.**

AMERICAN BEAUTY. This champion Dahlia is a seedling from the well-known French variety, "Le Colosse," being almost identical in form, shape and size. The flowers are of gigantic size and are produced on long, heavy stems, well above the foliage. The color of this acquisition is a gorgeous wine-crimson. **35 cents each.**

to black to my knowledge. A mammoth flower produced in profusion on long, stiff stems. **50 cents each.**

GOLDEN WEST. One of the finest and most distinctive pure yellow Dahlias. The petals are deeply serrated giving the flower a fluffy appearance which is most attractive. **50 cents each.**

J. K. ALEXANDER. (Alexander.) One of my seedlings of special merit which can be highly recommended. It will have a world-wide reputation in a short time because of its excellence and size. This grand Colossal Dahlia is a seedling from the well-known "LeColosse" and has the exact form of petals



z—Colossal Dahlia

(One-half actual size. See page 25.)

CUBAN GIANT, or DR. J. P. KIRKLAND. Dark velvety crimson, large. Stems long and wiry. Plants are very tall and sturdy. **35 cents each.**

DREER'S WHITE. (Dreer.) An excellent Dahlia for garden effect and hedges; plants are very strong and vigorous, making ideal bushy specimens, averaging 3 feet in height. Color, a pure, glistening white; in form it resembles the popular "Grand Duke Alexis," while in freedom of flowering it is not surpassed by any. Unquestionably the most valuable snow-white variety in existence. **50 cents each.**

D. M. MOORE. (Wilmore.) In this offering we have one of the best "nearly black" varieties to date. It is a rich, deep, velvety Victoria-lake, which is a shade deeper than deep maroon, the nearest approach

and same shape as that famous variety. The color of this beautiful flower is a royal shade of clear, rich violet-purple, which deepens to an exquisite deep purple. The gigantic flowers are borne on long, wiry stems, well above the foliage. This acquisition produces its mammoth flowers freely. **50 cents each.**

MME. MARZE. French Colossal Dahlia. A grand, white Colossal variety of perfect form, and immense size. **50 cents each.**

REGGIE. A Colossal Dahlia of beautiful cherry-red color. A variety that will give the best of satisfaction, producing flowers upon long stems, well above the foliage. Very free. **25 cents each.**

SANTA CRUZ. (See illustration on page 24.) A remarkably handsome variety of perfect form. The coloring of this variety is exceedingly wonderful—an exquisite deep lemon-yellow, artistically overlaid and blending a novel shade of salmon-pink. Exceptionally large and free-flowering. The plants are strong and robust, producing their gigantic flowers upon long stems. **\$1.00 each.**

TILLAMOOK. A companion to that grand old Dahlia, Grand Duke Alexis, it differs in color, being a delicate blush, deepening at the tips to rose pink. Its pleasing color, combined with its large size and free blooming habit, will make this a prize winner. **35 cents each.**

W. W. RAWSON. (Johnson.) The popularity which this novelty has acquired speaks for itself for the superior quality of this flower. The petals toward

the center are quilled similar to the "Grand Duke Alexis"; toward the outer part they are more open and flat. The color is pure white overlaid with amethyst-blue. This wonderful combination gives it the appearance of delicate lavender. The flowers measure from 7 to 9 inches in diameter. **50 cents each.**

YELLOW COLOSSE. An ideal Dahlia that appeals to everyone on account of its distinct color, gigantic size and beautiful appearance. This magnificent variety is the best exhibition yellow in existence, being rich, refined and delicate. Large, showy flowers of pure primrose-yellow are produced very freely on long, graceful stems. Its golden, cup-shaped petals are daintily arranged, completing this beautiful, perfect flower. **50 cents each.**

YELLOW DUKE. A splendid primrose-yellow of good form. **35 cents each.**



Mina Burgle—Decorative Dahlia. 50 cents each.

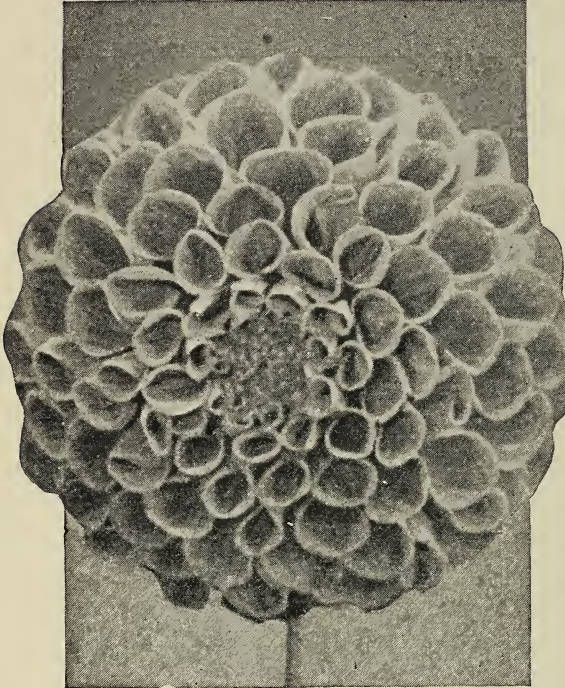
The finest scarlet Decorative Dahlia for cut flowers. (For description see page 22.)

Show and Fancy Dahlias

This Grand Collection of Show and Fancy Dahlias includes introductions from all over the world as well as some of the choicest seedlings of my own introduction.

This type includes the globular or ball-shaped Dahlias, full to the center, showing regular arrangement of florets; floral rays more or less quilled or with markedly involute margins and rounded tips.

I will send this superb collection of 48 Giant-flowering Show Dahlias, prepaid for \$12.00.



Miss Helen Hollis. (For description see this page)
Show Dahlia 50 cents each.

A. D. LIVONI. Beautiful soft pink. Well formed flowers with long stems. Perfectly round, ball-shaped flowers, each petal being very tightly quilled and arranged in exact regularity. Free flowering. 35 cents each.

ALICE EMILY. Orange-yellow. Large and fine. 25 cents each.

ARABELLA. Sulphur-yellow, tipped pinkish-white. 25 cents each.

AUGUS MEGAR. New Show Dahlia. The largest and finest lavender-purple Show Dahlia to my knowledge. Tall and sturdy. \$1.00 each.

CHAS. TURNER. Very showy and novel in appearance; perfection in form; peculiar, though most pleasing combination of colors—delicate orange with chocolate. One of the most satisfactory varieties to date. 35 cents each.

DAVID WARFIELD. Beautiful deep cherry-red. A Dahlia of extra good habit, producing its mammoth flowers upon stiff, wiry stems, well above the foliage; a very desirable acquisition. 50 cents each.

DIAMANT. Pure white. 25 cents each.

DOROTHY PEACOCK. (Peacock.) The flowers are of good size, exquisite form, great substance; the color is that beautiful, clear, live pink that appeals to everyone. 50 cents each.

DR. KEYNES. (Keynes.) Giant Show Dahlia. Buff shaded red. One could not imagine greater perfection in shape. This variety is one of the very best and bears my highest recommendation. 50 cents each.

GEO. BARNES. A Fancy Dahlia of refined form. Lilac, striped crimson. 25 cents each.

GLADIATEUR. Clear violet, shaded blue. A splendid new exhibition variety. 25 cents each.

GLOBE DE NANTES. Bright scarlet; a perfect model. 25 cents each.

GOLD MEDAL. (Green.) Canary-yellow, striped and flaked red. 75 cents each.

GOV. GUILD. Large; pure white; rather short stems. 35 cents each.

GRAND DUCHESS MARIE. Seedling introduced 1911. Blooms in profusion. Stems from 12 to 18 inches in length. Color is very striking rich buff, overlaid orange, reverse petals pink. Good garden variety. 35 cents each.

HENRY GLASSCOCK. (Keynes.) Deep lilac, striped purple. 50 cents each.

IMPERIAL. (Keynes.) Deep purplish maroon. 35 cents each.

IVANHOE. The color combination is exceedingly delicate—a beautiful snowy white, exquisitely edged with pinkish-lavender. The petals are perfectly cupped and the flowers are especially distinguished for their enormous size. 50 cents each.

JAMES VICK. (Keynes.) Purple-crimson. 35 cents each.

JOHAN DOEHLER. A magnificent variety; buff, striped and speckled crimson. Very large and fine. 25 cents each.

JOHN THORP. Pink, slightly tinged white at base. Good size. 25 cents each.

LES AMOURS DE MADAME. Delicate pale rose, striped scarlet. A beautiful combination of color and universally admired. 50 cents each.

LUCY FAUCETT. Pale yellow, striped deep pink or light magenta. One of the best of this set. Very large and free flowering. 35 cents each.

LYDIA. An ideal flower; color, vermilion-scarlet. 25 cents each.

M. AUGUSTA LEMAIRE. Pale yellow, heavily striped maroon. Very odd. Large. 25 cents each.

MAUDE ADAMS. (Alexander.) Ideal New Show Dahlia. This wonderful introduction is unsurpassed in quality in every respect; in reality a model of perfection. I cannot speak too highly of this variety. The color is a pure snowy white, very effectively overlaid clear delicate pink. Undoubtedly one of the finest of the Show type. 50 cents each.

MAYOR DUNN. New Show Dahlia. A beautiful clear scarlet flower of large size and good form. Remarkably free bloomer and very showy. A valuable addition to any garden. 35 cents each.

MERLIN. (Turner.) A beautiful orange-scarlet. One of the very finest Dahlias ever offered. Free-flowering and good for cut-flower purposes. 35 cents each.

MISS HELEN HOLLIS. (Alexander.) (See illustration, this page.) Gigantic Scarlet Show Dahlia. A sensational wonder and undoubtedly the largest and best deep scarlet Show Dahlia in existence. Blossoms are on long, stiff stems, well above the foliage. Plant extremely sturdy and produces very luxuriant foliage. This acquisition can be highly recommended. 50 cents each.

SHOW AND FANCY DAHLIAS—Continued.

M. SOMERS. A beautiful clear purple. Large. 25 cents each.

PERFECTION. (Fellowes.) Orange-buff shades. This variety is properly named, a true model in every respect. 25 cents each.

POLLY SANDALL. A novel combination of bronze yellow, veined and blotched pinkish-white. 35 cents each.

PRINCESS VICTORIA. Pure canary yellow. Long stems, perfect form and free bloomer. 25 cents each.

PRINCE BISMARCK. (Fellowes.) Deep purple. Large, perfect flower of fine form. 25 cents each.

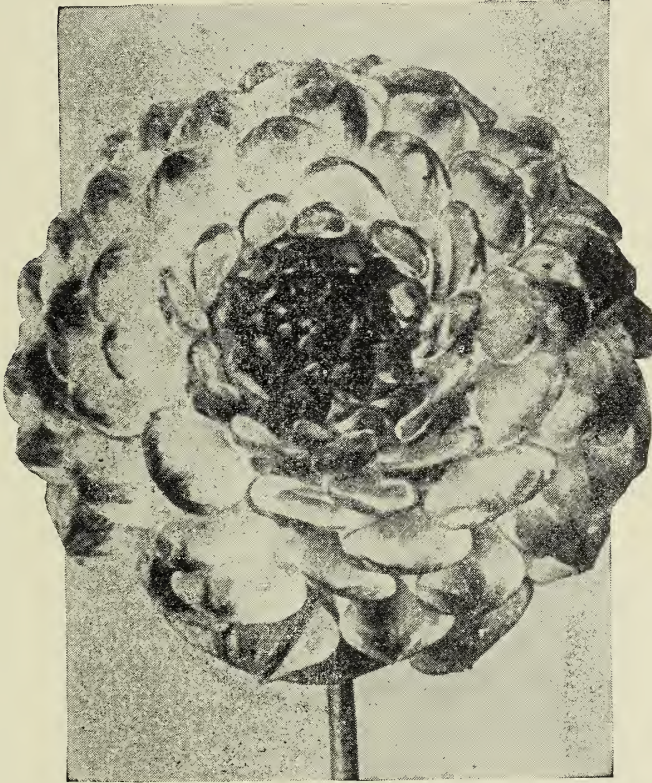
SOUVENIR DE POESEL. Ideal New Fancy Dahlia. An exceedingly attractive variety of unusual beauty. Golden yellow, changing to red. 50 cents each.

STRIPED BANNER. Crimson, tipped white. Medium-sized flowers. 25 cents each.

STORM KING. The most reliable white Show Dahlia to date. Color, a pure white. Flowers produced on good stems, well above the foliage. Free-flowering. 25 cents each.

STRADELLA. Alexander's Seedling. Beautiful deep purple-crimson. Exceptionally free-flowering. Stems long and wiry. One of the finest to date. 25 cents each.

THELMA. Purplish maroon. Large, full flowers. Plants dwarf. 25 cents each.



VIVIAN. (See below)

PURPLE GEM. Deep purple, distinct. 25 cents each.

RED HUSSAR. A clear, cardinal red, good stems and a free bloomer. 25 cents each.

ROBERT BROOMFIELD. Pure white. Tall grower. 25 cents each.

ROBERT MANTELL. Deep crimson. One of the very best. 35 cents each.

ROSE. (Alexander.) One of recent introduction; a remarkable Dahlia of decided formation. Color, an exceptionally deep rose shade. Flowers carried erect upon extra long stems. Exceedingly free-flowering. 35 cents each.

TRIOMPHE DE LORRAINE. Superb New French Fancy Dahlia. Yellow, beautifully striped carmine; very showy and novel in appearance. 75 cents each.

VIVIAN. (Alexander.) (See illustration this page.) A great favorite which received the admiration of everyone who saw its wonderful flowers, the color being white, effectively edged rose-violet. An extremely wonderful blending of color possessed only by the rare novelities. One of our champions and a variety worthy of the highest words of praise. 25 cents each.

UNCERTAINTY. Also known as Miss Ruth and Incarnation. A brilliant combination of very light shell pink and scarlet. No two flowers are the same. 25 cents each.

WHITE SWAN. Pearly white. 25 cents each.

Pompon Dahlias

The Pompon Dahlias are the finest for cut flowers; they bloom more freely than any of the other classes. The flowers are small, compact, less than two inches in diameter full to the center, and are produced upon long, wiry stems. Extra fine for bouquets. I have won more first prizes on this class of Dahlias than any other competitor in the U. S. A.

This collection of 16 Pompon Dahlias, I will send for \$5.00 prepaid.

AMBER QUEEN. Rich, clear amber, shaded apricot. 25 cents each.

ARIEL. Orange-buff. 25 cents each.

BOBBY. Plum color. One of the best. 25 cents each.

DARKSOME. (Alexander.) The color is a deep wine-crimson, almost maroon. Fine form with long graceful stems. 50 cents each.

GOLDEN QUEEN. (Alexander.) The most perfect yellow Pompon to date. 25 cents each.

HIGHLAND MARY. Pink and white. 25 cents each.

JESSICA. Yellow, edged red; a very effective combination. 25 cents each.

LA PETITE BARBARA. White, nicked petals. 25 cents each.

LITTLE BELLE. A clear, rosy-pink throughout. 25 cents each.

LITTLE DOROTHY. (Alexander.) White occasionally striped and blotched reddish-orange. Exceptionally free-flowering. 25 cents each.

LITTLE MARION. (Alexander.) The ground color is a soft salmon-pink with a veining of crimson through each petal and effectively tipped with a light reddish amber. 25 cents each.

MARS. Bright scarlet. Fine. 25 cents each.

PRIDE. (Alexander.) Very deep crimson-scarlet. A model of perfection in shape. 25 cents each.

SAN TOY. White, very heavily tipped carmine. 25 cents each.

WINNIE RICHARDS. White, shading to light pink. 25 cents each.

WINIFRED. White, tipped lavender, small. 25 cents each.

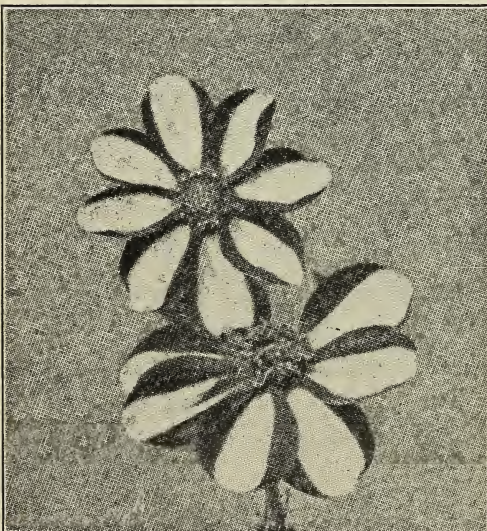
Single Dahlias

These have become extremely popular and we really think they deserve it. Because of their simplicity and grace, these effective varieties are making wonderful progress among the flower-loving public. The flowers appear early and late in miraculous profusion, making an ideal flower for the garden and home.

Single Dahlias are open centered, small to very large, with eight floral rays, more or less in one circle, margins often decurved.

General List of Single Dahlias

This entire collection of 46 varieties \$10.00 prepaid.



Helvetia—Single Dahlia. 50 cents each; \$5.00 per doz.
(For description see page 29.)

ADVENTURE. (Alexander.) A most pleasing shade of pinkish-crimson, striped and splashed maroon. 25 cents each.

AEROPLANE. (Alexander.) **Up-to-date. Single Dahlia.** One of the most distinguished of this collection, being an exceedingly brilliant crimson. 25 cents each.

ALVA. One of the most beautiful of the striped varieties. Yellow, speckled and tipped with pink. 25 cents each.

AUBRIGHT BEAUTY. A seedling named and originated by one of my customers and through his kindness I have the pleasure of introducing it. A pure, waxy white variety. 25 cents each.

BLANCHE. (Alexander.) The flowers are large and very attractive, being a pale yellow at the base, faintly tipped pink, with a cast of pure white over the whole flower, making it one of the most delicate varieties to date. 25 cents each.

CARDINAL CENTURY. (Peacock.) Rich cardinal. One of the best in form and color. 25 cents each.

DAUNTLESS. Alternating in color from silvery pink to deep rose and elegantly striped crimson-maroon. 25 cents each.

ECKFORD CENTURY. (Peacock.) One of the largest of the single varieties. Pure white, streaked and dotted purple-crimson. 35 cents each.

ELINOR. (Alexander.) This charming seedling is one of the finest Single Dahlias in existence and is destined to become, by virtue of genuine merit, one of the most popular. The color is a delightful yellow, heavily tipped a light shade of crushed strawberry, 35 cents each.

ELITE. A pure white with long, narrow petals A very attractive flower. **25 cents each.**

ELMWOOD. (Alexander.) An unusually fine variety which is greatly admired by all who like striped Dahlias; color, a beautiful pinkish-crimson, striped, splashed and blotched mahogany. **25 cents each.**

EMPRESS. A lovely shade of rose-pink; large and beautiful. **25 cents each.**

FEDORA. Large, bright yellow heavily tipped bright red. **25 cents each.**

FLORABUNDA. Rich, rose-pink, suffused cerise. Extra free flowering and a fine cut flower. **25 cents each.**

FLORENCE DARE. Deep rose-pink, with a purplish tinge, striped crimson. A large flower with long, rather narrow petals, slightly twisted. **25 cents each.**

G. E. VARNUM. Deep red, tipped lighter. **25 cents each.**

GLOWING GEM. (Alexander.) A splendid flower with perfectly gorgeous coloring, being rich, deep crimson. **25 cents each.**

HELVETIA. New Holland Single Dahlia. (See illustration page 28.) This new creation attracted considerable attention this Fall, when I exhibited it for the first time in this country. It has a very unusual combination of colors, each flower coming quite similar which is exceptional for a variegated variety. Pure white, each petal edged or bordered a brilliant rich scarlet-red. The plants are dwarf and bushy, making beautiful specimens and producing their flowers abundantly. **50 cents each.**

HIAWATHA. (Alexander.) Giant Single Seedling. This remarkable new variety is the largest of my new seedlings. The plant is tall, sturdy, of pleasing upright growth, and a gorgeous dark, velvety maroon in color. One of the most satisfactory Single Dahlias. **35 cents each.**



No. 1 Thomas Becket
No. 2 SACHEM
No. 3 Blanche

TWELVE IDEAL SINGLE DAHLIAS, PREPAID \$3.00.

No. 4 Empress
No. 5 Rose-pink Century
No. 6 Aubright Beauty

JENNIE WREN. (Alexander.) White, effectively striped and splashed deep purple. **35 cents each.**

JOHN COWAN. Soft crimson, shaded maroon. **25 cents each.**

LADY OF THE LAKE. (Alexander. New Single Seedling. Large brick-red with yellow ring at the center. One of the most satisfactory varieties. **50 cents each.**

MARGARET PERKINS. Pure white with about one-half of each petal tipped with bright cerise-pink, becoming a clear cerise-pink late in the season. Very large and a fine bloomer. A high class flower. **35 cents each.**

MAN FRIDAY. Deep maroon. **25 cents each.**

MR. FRANK I. SHOREY. (Alexander.) The coloring is most fascinating and delightful, being a beautiful waxy white, effectively veined and shaded delicate pinkish lavender. **35 cents each.**

NEWPORT WINNER. A large crimson flower of the best size and form. **25 cents each.**

NIPINITIC. (Alexander.) New Single Seedling. A very large purple-crimson flower, produced in great profusion upon tall sturdy plants. **35 cents each.**

ORIENTAL. Bright yellow, lightly striped red. **25 cents each.**

PAINTED BEAUTY. Garnet, striped deep maroon and tipped white. A striking flower. **25 cents each.**

PROSPERITY. (Alexander.) Light center, very heavily tipped rose-purple. **25 cents each.**

ROSE PINK CENTURY. (Peacock.) A rose pink shade. A very large variety and without doubt the best of its color. **25 cents each.**

SACHEM. (Alexander.) Single Seedling. A beautiful orange-scarlet. Flowers of large size. **35 cents each.**

SADIE. (Alexander.) A pleasing novelty which is very striking and effective. Color, a beautiful pink, neatly striped and speckled maroon. **25 cents each.**

SIREN. (Alexander.) Crushed strawberry, crimson and yellow. A beauty. **25 cents each.**

SNOWFLAKE. A large flower of the purest white. **50 cents each.**

SPLASHED BEAUTY. (Alexander.) New Single Seedling. Bright golden-yellow thickly splashed rich crimson. A long stemmed variety, producing its flowers in abundance. **35 cents each.**

ST. GEORGE. A very free-flowering variety of clear yellow. **25 cents each.**

STRIPED GEM. (Alexander.) Pinkish purple, striped maroon. **25 cents each.**

SURPRISE. (Alexander.) New Single Dahlia. A striking and sensational flower. The color is a brilliant carmine with a lemon-chrome ring at the center, the whole being striped and splashed deep ox-blood red. Flowers of large size. **25 cents each.**

THERIES. White striped and splashed violet. **25 cents each.**

THOMAS BECKET. Crimson lake with bright yellow ring in center. **25 cents each.**

TWENTIETH CENTURY. (Peacock.) Purest white at both base and tips and the center of petals is a delicate blush rose. Very large—5 to 7 inches in diameter. **25 cents each.**

UTOPIAN. (Alexander.) The finest of its color to date—clear purple. **25 cents each.**

VICTORY. (Alexander.) A brilliant wine-crimson Single seedling of remarkable qualities; a champion variety. **25 cents each.**

VIOLETTE. Lively shade of crimson. **25 cents each.**

WHITE CENTURY. (Peacock) A pure white variety with a good stem. **25 cents each.**

No. 7 Elinor
No. 8 St. George
No. 9 Theries

No. 10 Alva
No. 11 Surprise
No. 12 G. E. Varnum

Collarette Dahlias

French specialists have given us the beautiful Collarette Dahlia, an entirely new type, which has wonderful flowers and delightful color combinations. These have been shown extensively the last few years at the European Dahlia Shows, where they met with great favor, and we feel confident that they will meet with the same approval here.

The flowers are single, with an additional row of short petals around the disc, which forms a frill or collar, usually of a different color from the rest of the flower.

Two New and Rare Collarette Dahlias

One of each for \$1.25 prepaid.

ARIA. New Collarette Dahlia of exceptional merit. White heavily overlaid deep rhodmine purple. Collar, pure white, perfectly arranged and very prominent. One of the most perfect and desirable of the collarette type. **\$1.00 each.**

VIRGINIA LEE. (Alexander.) New Collarette Seedling. Named for Miss Virginia Lee Sturgis,

and an exceptionally attractive variety, that created considerable comment when used as part of the floral decorations at Miss Sturgis' sister's wedding where it was effectively displayed. It is a very free-flowering variety, with long stems. In color, a deep velvety carmine, edged sulphur-yellow; collarette, pale sulphur-yellow. **50 cents each.**

Select List of Collarette Dahlias

This remarkable collection of 13 Novelty Collarette Dahlias, prepaid for \$4.00.

ACHIEVEMENT, or JOHN L. LINDER. Alexander's Wonderful Collarette Introduction. This phenomenal creation is the largest Collarette Dahlia in existence—a perfect wonder, especially distinguished for its perfection and unsurpassing qualities. The flower is a clear, rich velvety maroon; collarette, a beautiful snowy white, very daintily overlaid with a delicate shade of pinkish-crimson. The remarkable contrast of the above combination of color, together with its ideal form and profusion of flowers, secures for this variety a supreme place in the Dahlia world. **25 cents each.**

AMI CACHAT. (Rivoire.) French Collarette Dahlia. Orange-red, yellow collarette. **35 cents each.**

AMI NONIN. (Charnet.) Gigantic French Collarette Dahlia. Dark crimson-carmine edged with lilac; white collarette. **50 cents each.**

DIRECTEUR RENE GERARD. Gigantic French Collarette Dahlia. Beautiful violet-purple, shaded and tipped white; white collarette. Exceptionally large flowers produced in great profusion. I recommend this variety very highly. **25 cents each.**

EXPOSITION DE LYON. (Rivoire.) Ideal French Collarette Dahlia. A very gay flower of bright garnet, with exceptionally fine yellow tips; white collarette, daintily suffused lavender and overlaid crimson. One of the showiest. **25 cents each.**

GALLIA. (Rivoire.) French Collarette Dahlia. Carmine-red, edged primrose; sulphur-yellow collarette. **35 cents each.**

JUPITER. Primrose-yellow, suffused crimson; sulphur-yellow collarette. **25 cents each.**

LEUCHTFEUER. Golden-yellow, tinged orange red, with sulphur-yellow collar. Good upright habit. **35 cents each.**

MAURICE RIVOIRE. (Rivoire.) Wonderful French Collarette Dahlia. Of sterling quality. The flowers are produced in great profusion on long, graceful stems, well above the foliage. The flower is a gorgeous, rich crimson with pure white collarette of short, well formed petals, perfectly arranged around the rich golden-yellow center. One of the finest novelties. **25 cents each.**

NEGRO. Very dark maroon. white collarette; **50 cents each.**

ORPHEE. (Rivoire.) Bright orange-red; golden orange collarette. **35 cents each.**

SIGNORINA ROSA ESENGRINI. (Rivoire.) French Collarette Dahlia. Lemon-yellow marked with orange-scarlet; lemon-yellow collarette. **35 cents each.**

SOUVENIR DE CHABANNE. (Rivoire.) First class French Collarette Dahlia. A variety of great merit especially distinguished for its charming coloring and large size. Lemon-yellow with coral-red markings; collarette petals very abundant, lemon-yellow, tipped white. This was one of the first originated and still ranks among the best. **35 cents each.**

Dahlias Which are Not Catalogued

If you are looking for varieties that are not catalogued it will pay you to write to me before ordering elsewhere as I carry a large list of uncatalogued varieties, my stock being insufficient to warrant me to catalogue these varieties. I grow over 2,000 varieties but must have over 100 clumps of a variety before I have sufficient to list herein. If you have any variety in mind that you do not see listed, I will be pleased to have you write me. If its good I have it and will be pleased to quote you.



Partial View of one of my Gladiolus Fields "America" in foreground

Gladioli

The Gladioli are without an equal either for bedding or borders. As a cut flower they are far superior to any other summer bloomer, either for lasting qualities or for the various uses for which they can be employed. If planted by the last of May they will bloom by the first to the middle of August, if cared for properly.

The Way to Plant—Dig the row or bed from 8 to 10 inches deep, then spread a liberal amount of good fertilizer in the bottom of the row or bed, then rake it in thoroughly before planting your bulbs; but if stable dressing is used it should be spaded in when the bed is first dug over. I find that hen dressing can be used, giving first class results, if applied properly; but it must be put in the bottom of the drill or bed, then covered with fully an inch of soil before the bulbs are planted. The bulbs after being planted should then be covered from 4 to 6 inches deep. Just as soon as they show their heads through the ground, they should be cultivated. If this is continued once a week till they commence to flower, one will be sure of first-class results. After the bulbs have flowered, and the stalks commence to turn brown they should be harvested. Dig carefully and allow to dry thoroughly for ten days to two weeks before placing in cellar for winter storage.

Special Offers

Knowing many of my customers are not familiar with the different named varieties, but want good, large flowering varieties, regardless of the name, and wishing to guarantee satisfaction and give them the greatest value possible for their money, I make these Special Offers, all of which I recommend. The varieties I am to use in these offers are only the largest and best.

RECOMMENDED SPECIAL OFFER: For massing and Borders. 48 Gladioli one dozen each of America Cracker Jack; ("Halley") Mrs. F. King. The 48 prepaid for \$3.00. 100 each of the four varieties for; \$15.00 prepaid or 50 of each for \$8.00.

RECOMMENDED OFFER. One dozen named varieties, 12 different colors, varieties that are large, and that I will guarantee to give satisfaction, prepaid for \$1.00. I make this offer to insure you good results, and in the selection will give you the benefit of my experience.

TRIAL COLLECTIONS. Five giant-flowering Gladioli, five different colors, for 50 cents, prepaid, or 25 choice mixed Gladioli for \$1.00 prepaid.

New and Choice Gladioli for 1923

This remarkable collection of 12 Phenomenal Gladioli prepaid for \$4.00.

ADMIRATION. (Alexander.) New Gladioli seedling. Color a very delicate La France Pink shading to lighter at center. Throat heavily flecked spinel red. Anthers a deep purple. Flowers produced on long spikes, early bloomer. Large well expanded flowers. 50 cents each, \$5.00 per doz.

BEATRICE MAY. (Alexander.) New Gladioli Seedling. An Ivory yellow with shadings of light corinthian pink. Deep tyrian rose throat markings. Large well expanded flowers on a strong sturdy spike. Early bloomer. 50 cents each, \$5.00 per doz.

BILLY FROST. (Alexander.) New Gladioli Seedling. Color a beautiful shade of rose doree; three lower petals heavily marked carmine red. Anthers a deep purplish blue. Flowers produced on long spikes; individual flowers being large and well expanded. 50 cents each, \$5.00 per doz.

DAINTY. (Alexander.) Selected from my Primulinus Hybrid mixture, it being especially desirable. A shade between Jasper red and coral pink; throat Baryta yellow with markings of deep begonia rose. 25 cents each, \$2.50 per doz.

GALDIOLI—Continued.

DELIGHT. (Alexander.) New Gladioli seedling. A rose red shade blending to a begonia rose toward the throat; while the throat is sulphur yellow with deep carmine markings. Anthers a pale amaranth pink. 25 cents each, \$2.50 per doz.

EFFECTIVE. (Alexander.) New Gladioli Seedling. Color a very pale Naphthalene yellow, heavily overlaid bright Corinthian pink with a delicate silvery sheen. Three lower petals conspicuously blotched with a deep carmine red. Anthers bright Auricula purple. Large well expanded flowers produced on long spikes. An early bloomer. 50 cents each. \$5.00 per doz.

FRANK CALLBECK SIMMS. (Alexander.) New Gladioli Seedling. Color a bright rose-red with prominent sea foam yellow throat. A very large well expanded flower. One of the most conspicuous and attractive of my entire collection. Long well formed spikes averaging from twelve to fifteen blossoms having four blossoms open at one time. Highly recommended. Named for and with permission of Mr. Frank C. Simms of Quincy, Mass. \$1.00 each; \$10.00 per dozen.

MARY. Pale amaranth purple, with carmine blotch at the throat. 10 cents each; \$1.00 per dozen; \$8.00 per 100.

MARY E. DAVIS. (Alexander.) A beautiful waxy white, three lower petals prominently marked amaranth purple with a shading of a very delicate sulphur yellow. Anthers on first open flowers lilac changing to mauve as they develop. Flowers are arranged very compactly on spike all facing the same direction, making a magnificent spike. Early bloomer. Highly recommended. Named expressly for and with permission of Mrs. Ralph Davis of Memphis, Tennessee and South Braintree, Mass., an enthusiastic flower lover. 50 cents each; \$5.00 per dozen.

MRS. ANNIE B. JONES. (Alexander.) New Gladioli Seedling. A pale chalcodony yellow; three lower petals conspicuously blotched bright carmine red. Early bloomer. Named expressly for Mrs. Annie B. Jones of Bridgewater, Mass., an ardent lover of beautiful flowers. 25 cents each; \$2.50 per dozen.

PIONEER. Pale mallow pink with deep amaranth purple throat. 10 cents each; \$1.00 per dozen; \$8.00 per 100.

PURPLE QUEEN. (Alexander.) Rich amaranth purple, three lower petals marked violet carmine. A very showy flower produced on long spikes. Early bloomer. 25 cents each; \$2.50 per dozen.

Standard Gladioli

I will ship this collection of 45 varieties prepaid for \$7.00.

A Gladioli bed displaying one color is most effective. The Gladioli are ideal for massing, and add greatly to the surroundings.

AMERICA. (Banning.) Universally acknowledged "King of Gladioli." Gigantic flowers of clear lavender-pink. 10 cents each; 75 cents per dozen. \$5.00 per 100;

AEROPLANE. The color is a beautiful clear, deep pink with an exquisite pure white throat. Individual flowers are very large and massive, being well arranged, and many open at a time. 35 cents each; \$3.50 per dozen.

ANNIE WIGMAN. Pale yellow, with a small dark blotch in the throat. Very attractive. 10 cents each; \$1.00 per dozen; \$6.00 per 100.

BRENCHLEYENSIS. (Youell.) Vermilion-scarlet. Fine variety. 10 cents each; \$1.00 per dozen.

CHICAGO WHITE. The Early Snow-White. Extra early and a fine white pure. 10 cents each; \$1.00 per dozen; \$7.00 per 100.

CHOCOLATE DROP. Chocolate color, changing to lavender. 15 cents each; \$1.50 per dozen; \$8.00 per 100.

COLUMBIA. Bright scarlet, freely blotched and penciled with blush-purple. Throat mottled. 10 cents each; \$1.00 per dozen; \$7.00 per 100.

CRACKER JACK. (Cowee.) Large flowers of velvety dark red, throats spotted with yellow and dark maroon; a most sensational variety. 10 cents each; 75 cents per dozen; \$5.00 per 100.

EMPRESS OF INDIA. (Velthuys.) The very finest and nearest to black of any Gladiolus. A valuable novelty and a variety worthy of my highest recommendation; of gigantic size and beautiful rich, dark mahogany-red color. 15 cents each; \$1.00 per dozen; \$7.00 per 100.

ETHEL WARDWELL. (Alexander.) Rich deep scarlet-red; throat streaked and dotted white. 15 cents each; \$1.50 per doz.

VELYN. (Alexander.) A blending of brilliant begonia rose and geranium pink, with marking of eupatorium purple. Throat markings of scarlet red. One of the finest of the smokey shaded varieties. Well expanded flowers produced on a good spike. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

FAUST. A large, velvety, carmine-red. A very rich color and a long spike. 10 cents each; \$1.00 per dozen.

GEO. F. ELCOCK. (Alexander.) A spectacular variety, producing large, well-expanded flowers; cream white, effectively overlaid salmon-pink; throat bright crimson-maroon. 25 cents each; \$2.50 per doz.

GLORY OF HOLLAND. White with slight tinting of pale pink, and anthers of delicate lavender. 10 cents each; \$1.00 per dozen; \$7.00 per 100.

GLOWING GEM. (Alexander.) The plants are of strikingly vigorous, healthy growth, producing well expanded blossoms perfectly arranged upon tall, sturdy spikes. Color a beautiful, glowing, scarlet. The most prominent feature of this variety is its color, which attracts great attention. 25 cents each; \$2.50 per dozen.

HALLEY. (De Ruyter.) Delightful salmon-rose with beautiful creamy blotch. Very large. 10 cents each; 75 cents per dozen; \$5.00 per 100.

IDA. (Groff.) The flower spike is large; the flowers are pure white, daintily overlaid and veined a delicate pinkish lavender; the stamens are purple and the stigmas pale carmine. A remarkable variety of excellent habit. 15 cents each; \$1.50 per dozen; \$10.00 per 100.

INDEPENDENCE. (Woodruff.) Rich, clear, deep pink, with throat markings of dark red. A very tall and strong grower, of great substance. One of the best for cutting. 10 cents each; 75 cents per dozen; \$5.00 per 100.

GLADIOLI—Continued.

ISA TINKHAM. (Alexander.) A very rich deep purple-crimson, a very popular shade. Flowers of medium size and produced on long spikes. 20 cents each; \$2.00 per doz.

JESSIE. Fine velvety red, with a long spike of flowers. 10 cents each; 75 cents per dozen; \$5.00 per 100.

MEADOWVALE. (Cowee.) One of the purest of whites without a shade of color except in the throat, where there is a touch of vivid crimson; the three lower petals have slight center markings of clear crimson pink. 10 cents each; 75 cents per dozen; \$5.00 per 100.

MISS FLORA SPRAGUE. (Alexander.) White overlaid salmon pink; throat deep carmine-red. 20 cents each; \$2.00 per dozen.



THE MARVELOUS SIX FOR 50 CENTS PREPAID

- | | |
|--------------------------------------|-----------------------------------|
| No. 1 Cracker Jack.
Crimson | No. 4 Meadowvale.
White |
| No. 2 Halley. | No. 5 Pink Augusta. |
| No. 3 Mrs. Francis King.
Scarlet. | No. 6 America. Lavender-
pink. |

Any of the above varieties, 75 cents per dozen; \$5.00 per 100.
5 each of the six above varieties, 30 bulbs for \$2.00 prepaid.

MRS. E. M. SMITH. (Alexander.) A very attractive variety of great substance. Deep pink with bright cherry throat; two lower petals edged primrose-yellow. Plant vigorous; spike straight and strong. 10 cents; 75 cents per dozen; \$5.00 per 100.

MRS. FRANCIS KING. (Coblentz.) A pleasing shade of light scarlet. Flowers are large and well arranged on a strong spike, there being four to six open at one time. One of the best in existence. 10 cents each; 75 cents per dozen; \$5.00 per 100.



Primulinus Hybrids. 10 cents each; 75 cents per doz.; \$5.00 per 100.
(For description, page 35.)

GLADIOLI—Continued.

MRS. FRANK PENDLETON, JR. (Kunderd.) Awarded First-class Certificate of Merit by the Massachusetts Horticultural Society, Boston. This new variety is the result of crossing the best of the largest flowered types, and is now a type of its own. The color is the most exquisite salmon-pink, with a very conspicuous blood-red blotch in the throat on the lower petals. 10 cents each; \$1.00 per dozen; \$7.50 per 100.

MRS. JOHN HAYS HAMMOND. (Alexander.) Named expressly for and with permission of Mrs. John Hays Hammond of Gloucester, Mass., in recognition of her great admiration of beautiful flowers. A beautiful begonia rose, blending to and streaked with a glowing velvety carmine red; throat Baryta yellow thickly dotted and splashed a dull carmine-red. Gigantic flowers produced upon good sturdy plants. One of the largest and finest Gladioli

to my knowledge. Highly recommended. \$1.00 each; \$10.00 per doz.

MRS. WATT. (Chase.) In coloring, one of the most distinct varieties grown; a glowing, wine-crimson. One of the choicest newer varieties and a novelty that no garden should be without. 15 cents each; \$1.50 per doz.; \$10.00 per 100.

MYRTLE. (Kunderd.) One of the finest and most delicate new Gladioli. It is early flowering; in perfect alignment on straight spikes, the opening buds very closely resemble creamy-pink tinted rose-buds with slightly flaring petals. Clearest dainty rose-pink, softly dissolving into a throat of clear creamy-white, its cool angelic beauty is most entrancing. Distinctive in form and color; and of good size. It has been described as a fine Mayflower pink, almost exactly the color of the trailing arbutus. 15 cents each; \$1.50 per doz.; \$10.00 per 100.

GLADIOLI—Continued.

NAZINSCOTT. (Childs.) Bright blood-scarlet with deep, velvety crimson-black blotches and white mottlings in throats. 15 cents each; \$1.50 per dozen; \$10.00 per 100.

NOVELTY. (Groff.) An exceedingly odd variety of beautiful light salmon color with orange-yellow throat, the whole being dotted and mottled with crimson. 10 cents each; 75 cents per dozen; \$5.00 per 100.

NIAGARA. (Banning.) A wonderful new Gladiolus of sterling quality. In color the flowers are a delightful cream shade, with the two lower petals daintily marked canary-yellow. The throat is attractively splashed with rich carmine. The stamens are purple and the stigmas pale carmine. 10 cents each; \$1.00 per dozen; \$8.00 per 100.

PANAMA. (Banning.) A wonderful new Seedling from "America," which it resembles, but is a deeper pink. Flowers very large and spike long. 10 cents each; \$1.00 per dozen; \$8.00 per 100.

PEACE. (Groff.) Wonderful white Gladiolus. Gigantic flowers are borne on a magnificent tall spike; the entire plant shows a vigorous, healthy constitution. The wide open flowers are of a glistening white, with an attractive narrow stripe of purplish carmine through the center of each lower petal. This extra throat marking is not a detriment to its beauty but adds to its attractiveness. The noblest white Gladiolus. 10 cents each; \$1.00 per dozen; \$7.50 per 100.

PINK AUGUSTA. Deep pink, same form as Augusta. 10 cents each; 75 cents per doz.; \$5.00 per 100.

PRESIDENT TAFT. (Stewart.) An exquisite variety of delicate salmon-pink, shaded darker at edge with deep crimson blotch in throat and an attractive white line through each petal. A grand variety which evokes words of praise wherever exhibited. The spikes and flowers are of largest size. 25 cents each; \$2.50 per dozen.

PRIMULINUS HYBRIDS. (See illustration page 34.) These hybrids, produced by crossing the species *Primulinus* (a native of the jungles of Africa) with the *Gandavensis* type, are extremely dainty and graceful in form. They are among the earliest of the Gladioli to blossom, flowering ten days to two weeks before most all other Gladioli. The upper petal droops, forming a "hood." The colors range from primrose yellow to a beautiful rose. 10 cents each; 75 cents per dozen; \$5.00 per 100; \$35.00 per M.

ROSE GEM. (Alexander.) Another early flowering variety that is sure to give satisfaction. The total effect is rose-pink, but comparison with the color

chart gives a La France pink, heavily mottled scarlet-red. A very fascinating variety. 35 cents each; \$3.50 per dozen.

ROUGE TORCH. Large, creamy-white flowers, with a rouge torch-like tongue on the lower petals, making a very striking contrast. 15 cents each; \$1.00 per dozen; \$8.00 per 100.

SCARSDALE. (Cowee.) A grand Gladiolus with large lavender-colored flowers, shaded beautiful dark rose; extra large spikes growing very erect. 15 cents each; \$1.50 per dozen; \$10.00 per 100.

SCHWABEN. (Pfitzer.) Finest of German importations. This striking new Gladiolus is a pure canary-yellow, shading to soft sulphur-yellow when opening; the deep golden-yellow center is blotched with brilliant brownish-carmine. Foliage is large and vigorous, of a beautiful dark green, which, combined with the brilliant sulphur-colored flowers makes it very effective for groups and beds. The brownish-carmine blotch being very deeply set in the throat does not reduce the entire effect, and hardly makes any appearance unless flower is examined. 15 cents each; \$1.50 per dozen; \$12.00 per 100.

STERLING, MINNESOTA, or LAFAYETTE. (Groff.) A beautiful pale yellow with rich cherry throat. One of our finest and nearest in color to the New Ruffled Gladiolus, "Kunderi Glory." A perfect beauty. 10 cents each; 75 cents per dozen; \$6.00 per 100.

THE IRENE. (Alexander.) Named for and by special permission of Mrs. F. C. Allen of Cohasset, Mass. An introduction that attracts instant attention in the fields. A brilliant, deep geranium-pink, shading gradually to begonia-rose at the tips; the throat is blotched with carmine about which is a yellow band. A very effective and striking combination of coloring. 50 cents each; \$5.00 per doz.

SULPHUR QUEEN. A remarkably clear sulphur-yellow. 10 cents each; \$1.00 per dozen; \$8.00 per 100.

THE KING. (Groff.) A beautiful, rich, deep purple with an ideal chrome yellow throat, the lower petals veined white. The flowers are from 4 to 6 inches in diameter, borne on long spikes. Very large and showy. 10 cents each; \$1.00 per dozen; \$7.00 per 100.

WOODROW. A very exquisite and attractive variety. Scarlet flower with deep yellow throat. 10 cents each; 75 cents per dozen; \$5.00 per 100.

My Special Gladiolus Mixtures

Some of the very best strains ever offered; also some of the best and grandest named varieties introduced in this country.

Alexander's Special Select Mixture.

This strain comprises a large range of some of the very best colors and varieties ever offered at these prices, consisting principally of the best white, yellow and pink shades.
First size: \$1.00 per dozen, prepaid, or \$6.00 per 100, prepaid.

Alexander's Select Mixture.

This strain comprises a large range of colors, flowering red and dark shades.
First size: \$1.00 per dozen, prepaid, or \$6.00 per 100, prepaid; \$50.00 per 1,000, prepaid.

My Special Mixture of Groff's

This strain comprises a large range of colors, some of the best Groff's grown, consisting of many red, crimson and darker shades.
First size: 75 cents per dozen, prepaid; \$5.00 per 100, prepaid, or \$40.00 per 1,000, prepaid.

My Grand Mixture.

This strain comprises a large range of colors; some of the older types, together with a large number of new varieties, making it perfectly satisfactory and by far the best obtainable for the prices.
First size: 50 cents per dozen, prepaid; \$3.50 per 100, prepaid; \$25.00 per 1,000, prepaid.

Gift Boxes

For the purpose of stimulating a greater interest in the Gladiolus, and believing many would be glad to send a few bulbs to a friend, we select and pack in neat boxes 25 bulbs of choice varieties, consisting of a select mixture of rare colors, all for \$1.00 prepaid. Also boxes containing one dozen good assorted Gladiolus for 75 cents, prepaid. These are all good flowering bulbs.

Your card can be enclosed if desired.

Caladium Esculentum

(Elephant's Ear.)

One of the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. The smaller sized bulbs make effective borders for beds of Cannas. To obtain the best results, it should be planted where it will obtain plenty of water and an abundance of rich compost. Frequent cultivation around the growing plant insures the best results. When full size it stands from 4 to 6 feet in height, and bears immense light green leaves, 1 to 2 feet long by 6 to 8 inches wide. The size of the plant depends upon the size of the bulb, and its care.

Price prepaid	Each	Per dozen
Gigantic Bulbs.....	\$.75	\$7.50
Large Size Bulbs.....	.50	5.00
First Size Bulbs.....	.35	3.50
Second Size Bulbs.....	.25	2.50
Third Size Bulbs.....	.15	1.50

Tritoma

(Red-hot Poker, Flame Flower, or Torch Lily.)

The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, equal to Gladioli as a cut-flower and blooms incessantly from June until December, regardless of frost. Plants are perfectly hardy in the open ground all winter south of Philadelphia; further north they must be protected or wintered in a cellar. Just bury the roots in sand; nothing more is required. Should be planted out early in Spring, and will commence growth and bloom at once, growing larger and finer every day. Established plants show from 6 to 20 grand flower stalks all the time, each holding at a height of 2 to 3 feet a great cluster of flame colored flowers of indescribable beauty and brilliancy. Fall frosts do not kill or stop its blooming, and it is as brilliant as ever long after all other garden flowers have been killed. For cutting it is unsurpassed, and the beautiful long spikes keep several weeks in water. Without a single exception, it is the most desirable garden flower. I offer but one variety this year.

Pfitzerii. (The Everlasting Flame Flower.) In bloom from August to November, with spikes from 2 to 3 feet high and heads of bloom of a rich, orange scarlet, producing a grand effect either planted singly in the border or in masses. **50 cents each; \$5.00 per dozen.**

Mexican Everblooming Single Tuberoses

This charming single variety begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession. The buds never blast but all open up of the purest white, and are delightfully fragrant. **10 cents each; \$1.00 per doz.; \$7.50 per 100.**

Sauromatum Simlense

(Black Calla.)

A rare and curious garden bulb, with odd flowers and luxuriant palm-like foliage. The spathe of this Calla-shaped flower is between one and two feet in length, with tapering point, and is of very large size. Color of bloom; green on the outside, inside yellow, spotted with purple; which makes it very curious. Blossoms are produced before the foliage develops. Flowers do not appear on first, second, and third size bulbs, as only the large bulbs bloom the first year planted. The foliage is very novel however and always creates a sensation in the garden. The foliage is very large; the leaf-stem being light green thickly dotted a deep green, making it very attractive and novel. The blossoms appear shortly after the bulbs are planted; followed by the luxuriant leaves that remain a curiosity the entire season. This is sometimes called "The Snake Lily" and is very rare. These plants create a genuine sensation.

Price, prepaid	Each	Per dozen
Gigantic Bulbs.....	\$.75	\$7.50
Large Size Bulbs.....	.50	5.00
First Size Bulbs.....	.35	3.50
Second Size Bulbs.....	.25	2.50
Third Size Bulbs.....	.15	1.50

Plant bulbs four to six inches deep, out of doors.

Peonies

The Peonies are among the noblest and most magnificent of our herbaceous plants. They are the "Queen Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubby border, where their brilliant hues add beauty to the entire surroundings. Their requirements are or simple—a good, rich, deep soil; they are perfectly hardy, and produce their wealth of flowers in great abundance.

TIME TO PLANT: Peonies may be planted with perfect safety any time from the middle of August till the ground freezes in the Fall, and in the early Spring until growth has advanced too far.

After being transplanted, Peonies will not produce typical blooms the first season, many fine double varieties throwing single or semi-double flowers, and it is not until the third year that the finest flowers are produced.

They will abundantly repay good care and nourishment; but they resent an over abundance of fresh manure too near the roots. Well decayed manure is far better. A division of the clumps at long intervals, when they become so crowded as to interfere with freedom of bloom; and the soil kept loose and free from weeds, is all that is necessary. Where grown for cut flowers, they should not be disturbed oftener than is necessary; where they are grown for the sale of roots, they may be divided every second or third year. Plant so the eyes will be from two to three inches below the surface. Lay roots flat. Do not stand them on ends.

My prices are for good strong roots that, planted in September, and given proper care, may reasonably be expected to bloom the following Spring. Varieties differ so greatly in habit, that the expressions one-year and two-year, or the number of eyes, convey no meaning whatever; a strong root with one eye often being far better than a weak one with many. My prices are as low as the true varieties, and the size of the roots I send out will warrant. I grow and sell my own roots, and make no pretense of competing with those who have no stock of their own but buy and sell indiscriminately.

All Peonies shipped prepaid to any part of the world at prices given below.

The Famous Hollis Peonies

One each of the 12 varieties for \$60.00 prepaid.

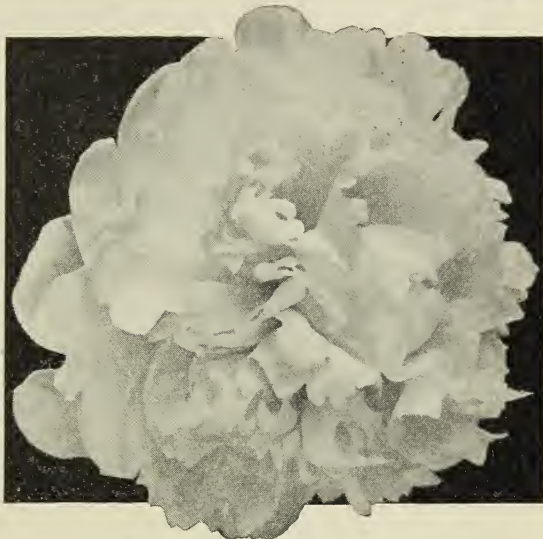
ADMIRAL DEWEY. (Hollis 1903.) Rose-pink, shaded heliotrope; large, high built flower. According to color chart, color, total effect, solferino red, clear; guards solferino red, center same as guards; fades silver tipped, linear petals concealed throughout bloom. Type, bomb. Form of bloom, globular compact. Fragrance pleasant. Blooming time, mid-season. **\$5.00 each.**

ADMIRAL TOGO (Hollis 1907). Deepest mahogany, red large high built flower, luminous. According to color chart, total color effect crimson carmine; guards clear, collar same as guards; center clear. Holds color well, no silver tip. Type of bloom semi-rose. Form of bloom flat, medium compact. Not entirely transformed. Plant medium tall, erect, compact. Blooming time mid-season. Medium to large size. **\$2.50 each.**

BEAUTY'S MASK. (Hollis 1904.) (See illustration.) A very distinctive crown type blossom, of compact formation and very large size. First impression, bluish white, tinted lilac. According to color chart the guards are clear violet rose, with collar lighter than guards, and distinctive yellowish secondary stamenoids present. Fragrance pleasant. Blossoming time, late. Growth strong and healthy, plant of medium erect habit, tall and open. Buds borne in clusters. **\$3.00 each.** (Stock limited.)

GEORGE WASHINGTON. (Hollis 1904.) A large flat, loose bloom of semi-rose type One of the brightest dark crimson red varieties Guards clear, collar same as guards; center clear uniform color. Stamens intermingled with petals. Blooming time mid-season. Habit of plant, erect, medium, compact medium height. Growth strong and healthy. A strikingly brilliant color that always attracts the attention of visitors. **\$2.00 each. Recommended.**

GLORY. (Hollis 1907.) One of the glorious Japanese type, form of bloom medium compact to loose. In color a beautiful tyrian rose, guards clear, center golden yellow with silver tip. Bloom on strong plants will develop petals same color as guards in center of bloom. Tall erect, medium compact plant of strong growth. Blooming time mid-season to late. Very similar to "Attraction" in color, but not quite so large. **\$2.00 each.**



BEAUTY'S MASK. \$3.00 each.



Peony—Alexander Dumas. 50 cents each. (One-third actual size.)

GOLDMINE. (Hollis 1907.) Japanese type. Flat loose, medium size. Guards tyrian rose, center same as guards, tipped golden-yellow. Medium tall, erect variety of good habit. Midseason. **\$10.00 each.**

INNOCENCE. (Hollis.) 1904 A medium sized flat compact Japanese type bloom. General impressions, pale pink guard with golden center. According to color chart, lilac-rose; guards clear, center canary-yellow fading to cream-white, pale pink at base of stamens. Fragrant. Habit of plant, erect, tall compact. Growth strong and healthy. Blooming time mid-season. **\$5.00 each.**

JOHN HANCOCK. (Hollis 1907.) A very large globular semi-double flower. Its color is one not at all common in Peonies; total effect, being bright rosy magenta; guards streaked light; center clear, secondary stamenoids absent. Bloom is very noticeably silver tipped. Fragrant. Blooming time mid-season. **\$5.00 each.**

LUCY E. HOLLIS. (Hollis 1907.) Large flat medium compact, rose type blossom. First impression, pale pink and white. According to color chart, lilac white, guards clear, collar same as guards; center slightly flecked scarlet; secondary stamenoids present. Center of bloom, shaded to pale lilac rose. Fragrance pleasant. Blooming time very late. Strong, healthy drooping habit; plants of medium height. **\$5.00 each.**

PEONIES—Continued

MARY A. LIVERMORE. (Hollis 1907.) One of the most beautiful of the rose type. A very large flat medium compact not differentiated, and entirely trans formed blossom. General impression rose-pink and white. Petals are a beautiful rose-pink, passing to silver and white at the tips. Fragrance pleasant. Blooming time, mid-season to late. Plants are medium erect, medium tall to tall, compact. Growth strong and healthy. Buds borne in clusters. Highly recommended. \$15.00 each.

MARY BAKER EDDY. (Hollis.) Large, compact, globular rose type. Deep rose pink with silvery tips. Plants of medium height, long strong stems. Mid-season to late. Scarce. \$10.00 each.

WELCOME GUEST. (Hollis 1904.) One of the very finest of the semi-double Peonies. A very large loose, bright silvery rose, fading to rose-white. Very strong and healthy, with long stem. Plant erect, tall and medium compact. Buds borne in clusters. Very pleasant fragrance. Mid-season. Highly recommended. \$5.00 each.

Rare and Selected Peonies

This collection of 25 Selected Peonies one of each for \$60.00 prepaid, or the collection with "Jubilee" omitted for \$30.00, prepaid.



PEONY—La Coquette. 50 cents each. For description see page 39.

ALEXANDER DUMAS. (See illustration page 37.) (Guerin 1862.) Medium sized, light violet-rose crown; has creamy white collar of narrow petals, mingled with wide center petals; fragrant. Medium height, free-bloomer, early mid-season. Good cut flower variety. Recommended. 50 cents each.

BEAUTE FRANCAISE. (Guerin 1850.) A good medium sized, compact, crown type. General impression, pink and white. According to color chart, pale lilac rose and cream white, with prominent carmine flecks on center petals. Strong vigorous plant of rather dwarf habit, strong medium to short stems. Odor pleasant. Blossoms mid-season. 50 cents each.

DORCHESTER. (Richardson 1870.) Large, compact, rose type. Pale hydrangea-pink. Fragrant. Medium dwarf. Upright, free bloomer. 75 cents each.

EDULIS SUPERBA. (Lemon 1824.) The popular early "Decoration Day" Peony, which is masquerading under all of the following names "Delia," "Eduis Olorato," "Rosa Lilacina," "Mamie Cutler," "Sylvanus," "Glorie de Douai," "Pizano," "Early Rose," "Acanum," "Sainfoin," "Lilacina." Large, loose, flat crown type. Bright deep mauve pink; color mixed with lilac. Large tuft of wide petals same colors as guards, surrounding a few narrow petals in extreme center of bloom prominent collar. Very fragrant. Free-flowering. 50 cents each.

Rare and Selected Peonies—Continued



GROUP OF SINGLE PEONIES.

FELIX CROUSSE. (Crousse 1881.) Large globular typical bomb type. First impression, brilliant red. According to color chart, tyrian rose. Same color throughout. Compact and globular when first opening; but opens out somewhat with age, exposing linear petals in extreme center or bloom. Odor pleasant. Strong, vigorous grower, with long stem, rather spreading habit, medium height. Free bloomer in clusters. Mid-season. 75 cents each. Recommended.

FESTIVA MAXIMA. (Miellez 1851.) Very large globular rose type. Pure white center, prominently flecked crimson; outer petals sometimes faint lilac-white on first opening. Very tall, strong, vigorous grower. The most popular white variety for cut-flowers. \$1.00 each. Recommended.

JUBILEE. (Pleas.) Unusually large, flat, compact rose type. Uniform blush-white, with fragrance. Very tall, erect strong grower. A very distinct variety, and one that has many enthusiastic admirers. Mid-season. Very scarce. \$25.00 each.

LA COQUETTE. (1861.) See illustration, page 38. Large, globular, high crown. Guards and crown light pink; collar rose-white, center flecked carmine. Strong, erect, medium height, free bloomer. Fragrant. Mid-season. 50 cents each.

LA FIANCEE. (Dessert 1902.) A large white single showing the golden-yellow stamens prominently in the center. Tall, vigorous grower. Early to mid-season in flowering. \$2.00 each.

LA TULIPE. (Calot 1872.) Synonym "Multicolore." Very large, flat, semi-rose type flower. Lilac-white, outer petals striped with crimson. Fragrant. Tall, strong grower, and free bloomer. Late mid-season. Very attractive. \$1.00 each.

L'ETINCELANTE. (Dessert 1902.) (See illustration, page 40.) Single, cup shaped flower. General impression, crimson-pink. According to color chart, a rich, clear carmine broadly edged with silver. One of the showiest and best Single varieties. 50 cents each. Recommended.

MADAME BOULANGER. (Crousse 1886.) Very large, full bloom of rose type. Glossy soft rose-pink shading to lilac, bordered silvery flesh. Late blossoming. \$3.00 each.

MADAME CHAUMY. (Calot 1864.) Medium size, globular, very compact, perfect rose type. Satiny rose-pink, or pale lilac-rose, with silver reflex, central petals slightly darker; flecked crimson occasionally. Free bloomer in clusters. Mid-season. 50 cents each.

MADAME DUCEL. (Mechin 1880.) Large, globular, typical bomb type, petals incurving somewhat resembling a Chrysanthemum. Light mauve-rose, with silvery reflex. Fragrant. Mid-season. Foliage very large, dark, green, medium height. \$1.00 each. Recommended.

MADAME GEISSLER. (Crousse 1880.) Very large, compact, globular, imbricated, rose type. Violet-rose, tipped silver. Very fragrant, spreading habit. Mid-season. \$3.00 each. Recommended.

MARIE STUART. (Calot 1856.) Crown type. First impression, white. Cream-white, with pale pink guards, center flecked crimson, all fading to white. Guard petals are well differentiated, thick collar of narrow yellowish petals, on young bloom. Good early variety. \$1.00 each.

MILLAIS. (See illustration, page 40.) Single flowers deep crimson with golden-yellow stamens. \$1.00 each.

MODESTY. (Kelway.) Japanese type. Form of bloom, flat and loose. Guards clear milk white, cream center. Hairy green carpels, and white stigmas. The largest and finest of the white Japanese varieties, all of which are very rare. Very pleasant fragrance. Blooming time, mid-season. Habit of plant, growth medium strong, healthy, medium erect, medium height, medium compact. \$10.00 each.

MONSIEUR BOUCHARLAT AINE. (Calot 1868.) Large, full compact, semi-rose type. Uniform light violet rose, with silvery reflex. Very strong erect grower, medium height, free bloomer. Mid-season to late. \$1.00 each.

MONSIEUR DUPONT. (Calot 1872.) Large, flat semi-rose type bloom. Cream to milk-white, petals are intermingled with stamens at all stages of development, but mostly concealed; petals streaked or splashed crimson. Odor pleasant. Free bloomer in clusters. Plant is a strong, tall grower, with a

Rare and Selected Peonies—Continued

very stout stem, and upright habit. Mid-season to late. Very good. Similar to "Boule de Neige." \$1.00 each. Recommended.

MONSIEUR JULES ELIE. (Crousse 1888.) A very large medium compact, bomb type flower. Total effect, pale lilac rose, guards and center clear, collar tinted lighter than guards. A very attractive pink, base of collar petals amber yellow. Fragrance very pleasant. One of the finest pink varieties grown, somewhat resembling a chrysanthemum. Early to mid-season. Habit of plant medium erect, medium height, medium compact. \$1.00 each. Highly recommended.

QUEEN VICTORIA. (Kelway.) Large, globular in form, medium loose, low crown. Milk-white guards, tinted flesh; center cream-white, with crimson flecks. Very fragrant. Medium height, strong, free-bloomer. Mid-season. Very popular, being one of the best white varieties. 75 cents each. Recommended.

ROSY DAWN. (Bari.) (See illustrations, below.) One of the largest Single Peonies, if not the largest.

Snow-white flowers, tinged blush at first, resembling a great white water-lily. \$1.00 each.

SARAH BERNHARDT. (Lemoine 1906). A very large, beautiful flat, imbricated, compact semi-rose type blossom. Flowers of remarkable size and freshness in huge clusters, and of unusual perfection in form. First impression is an apple-blossom pink, with each petal silver tipped. According to color chart, a mauve rose; guards clear, collar same as guards, center clear. Pleasant fragrance, late blossoming. Habit of plant, medium erect, tall medium compact, growth strong. \$5.00 each. Recommended. This variety should not be confused with Dessert's "Sarah Bernhardt" so-called, as it is entirely different.

SIR THOMAS LIPTON. (Kelway.) Large, loose flat, semi-double flower. A uniform bright rosy crimson, showing the golden-yellow stamens prominently in the center. Pleasant fragrance. Mid-season. Plants of medium height, strong, erect growth, producing their flowers abundantly. \$1.00 each. Recommended.



"L'Étincelante" Rose-pink, 50 cents each.

"Millais" deep crimson, \$1.00 each. "Rosy Dawn" white, \$1.00 each.

The three for \$2.00 prepaid. Flowers in illustration about one-third actual size.

Single Peonies

Single Peonies are becoming more and more popular each year, many people considering them more artistic and beautiful than the double ones. They are exceptionally attractive, and not at all common in the garden, making them especially desirable. They are very airy and stand out prominently, producing their blossoms in great abundance. The great variety of colors, and their fantastic shapes make them ideal for the home garden. For landscape effects, they are especially valuable, on account of their brilliant colors, and upright habit, and the fact they are not easily beaten down by storms.

I have a very choice collection, principally seedlings, possessing the most delicate and rarest shades; but my stock is insufficient for me to offer them under names, therefore, I offer them under color, and at greatly reduced prices. I have over two hundred different shades in Single Peonies, and can furnish in the following colors.

Large deep rose-pink	\$1.00 each.	Pale pink and delicate shades	50 cents each.
Large-flowered pale pink	1.00 each.	Deep pink shades	50 cents each.
Largest deep crimson shades	1.00 each.	Crimson shades	50 cents each.
White shades, and pure white	1.00 each.	Pink and white shades	50 cents each.
Purple-crimson shades	75 cents each.		

PEONIES UNDER COLOR.

Double deep red	75 cents each.	Double delicate pink	50 cents each.
Double bright red	75 cents each.	Double pink with white center	50 cents each.
Double deep pink	50 cents each.		

Mixed Peonies

Each season, in handling our Peonies, a small amount becomes mixed, many times the very choicest varieties. It does not prove worth while for me to plant these separately, to ascertain their names, so I am offering them at 35 cents each (3 for \$1.00) as long as they last. This mixture is apt to include some of the best new creations not offered in my catalog; and includes both Double and Single varieties.

SPECIAL PEONY OFFER: To give you an opportunity to have a more complete and choice collection of Peonies, I am making the following offer—

I will ship you Three Choice Peonies for \$5.00, transportation charges prepaid to any part of the United States or Canada. These to be three distinct varieties, that I can recommend to give satisfaction. If you have Peonies, and wish different colors from those you now are growing, tell me the colors or the name of the variety if you know it, and I will make a selection of varieties that does not include what you have. I will give you as good a selection and variety as possible, using my best judgment, in an effort to please you.

The Iris.

Fleur de Lis or Iris Germanica

Familiar and well-beloved flowers of Spring. The purity of their beauty and their haunting fragrance is decidedly refreshing. The winsome, modest beauty of some, forming a striking contrast to their more glorious sisters arrayed in a sheen of iridescent splendor. They fairly outrival the Orchid in the wide range of coloring, which includes yellow, from light canary to deep golden; blues from soft lavender to intense purples; reds, from pinkish mauve to claret and maroon; beautiful bronzes, and pure whites; while some varieties are marked and margined in exquisite harmony.

The Iris grows well in any kind of soil. Succeeds in partial shade but gives the most satisfactory results in a dry, sunny location. Iris Germanica are perfectly hardy and require only ordinary cultivation; growing luxuriantly but respond quickly to any extra care given larger and more beautiful flowers. They should be planted in the Spring during March, April and May. Plant the bud or crown about two inches below the surface, the soil should be crowded firmly around the roots, so the plant will start growing immediately, hoe or cultivate frequently for best results. The plot should be thoroughly spaded eight to ten inches deep. A liberal handful of fertilizer used around every plant; or manure should be dug into the soil before the roots are planted.

In the following descriptions Standards signify the three standards (erect, or upright curling petals); Falls—the three falls, or drooping petals.

My collection of Liberty Iris consists of the very newest and choicest up-to-date novelties and the finest standard varieties.

New and Rare Iris for 1923

I will ship this collection of 9 new and rare Iris prepaid to any part of the world for \$25.00 or with "Francis Bennett" and "Jacqueline" omitted for \$5.00.

ALICE H. BAYNE. (Dunphe.) One of the most beautiful New Irises. Standards lavender; Falls, rose-claret. 36 inches tall. **\$1.00 each.** Mid-season.

CHESTER HUNT. (Farr.) S. coerulean blue; F. dark purple-blue, with orange beard; almost a blue Iris; foliage 18 to 21 inches; blooms 21 to 33 inches. **50 cents each; \$5.00 per dozen.**

FRANCIS BENNETT. (Dunphe.) One of the largest and finest to my knowledge. Equal in size to "Lohengrin." A most exquisite self-colored variety between catalyca-rose and bright rose-claret, with a beautiful orange beard. Plants are fully as tall as "Lohengrin," being 36 inches in height. The finest of Dunphe's Pallida seedlings, and one that it is a pleasure to introduce. **\$10.00 each.**

JACQUELINE. Another Dunphe seedling that I can highly recommend, and that I take pleasure in introducing. A seedling from "Jacquesiana." Standards, smokey or dusky light bronze violet; Falls, rich purple maroon. Similar in habit to "Jacquesiana." 28 inches tall. **\$10.00 each.**

LA GRANDEUR. (Dunphe.) Standards rich deep lavender; Falls, lavender blue. 30 inches tall. **\$1.00 each.**

OSCEOLA. (Dunphe.) Standards, smokey lavender; Falls, purple, reticulated white. A tall stately variety averaging about 30 inches in height. **\$1.00 each.**

STANLEY. (Dunphe.) One of the best I am introducing. Standards of coppery rose. Falls, violet purple reticulated pale yellow. 30 inches tall. **\$1.00 each.**

TURQUOIS. (Dunphe.) Standards, rose lavender; Falls, bright rose claret. 28 inches tall. **\$2.00 each.**

WANETA. (Dunphe.) Standards, soft pale yellow; Falls a blending of lavender and pale yellow. 26 inches tall. **\$1.00 each.**

Recommended Collection of Iris Germanica

Name.	Color	Each
HER MAJESTY.	Pink.....	\$.35
RHEIN NIXE.	White.....	.75
NEBELUNGEN.	Smokey.....	.50
PRINCESS VICTORIA LOUISE.	Yellow....	.50
HERANT.	Blue.....	.25

The 5 for \$2.00 prepaid.

Iris of Exceptional Merit

These Iris I have selected as the very cream of my entire collection. They are rare, and of pleasing shade. All are unusual colors, and are not found at all commonly grown. I can highly recommend each variety, and the collection as a whole is the best that I can prepare. Excepting a very few of the newest varieties they are the cream of the Iris on the market at this time, every one is a desirable variety, and worthy of a place in the garden of the most particular.



"PRINCESS VICTORIA LOUISE" in foreground.

(See description on this page.)

RECOMMENDED COLLECTION OF IRIS GERMANICA.

Six of the largest for \$3.00
prepaid to any part of United States or
Canada.

Name	Color	Regular Price.
Her Majesty.	Heliotrope.	\$.35
Rhein Nixe.	White edged lavender.	.75
Jacqueriana.	Coppery-erimson.	.50
Lohengrin.	Catalyca-rose.	.50
Nibulengen.	Exquisite Fawn shades.	.50
Pallida Dalmatica.	Giant lavender.	.50

For IRIS PESTS.

VERMINE. For Greenhouses, Gardens, Lawns, Tennis Courts and Golf Links. Destroys White Grubs, Cut, Eel and Wire Worms, Slugs, Maggots, Root Lice and Ants. Directions for application on each package. Applied in watering can or with sprayer.

1 Quart.	\$.20
Pint.	1.50
Half-pint.	1.00
Quarter-pint.	.75

This superb collection of Twelve Wonderful Irises, prepaid to any part of the World for \$5.00.

HER MAJESTY. Very attractive on account of its rich and unusual color. Standards, heliotrope of tissue-like delicacy; inner petals straw and lavender; Falls, light mauve, traced with white. A very fine, rich flower. 35 cents each; \$3.50 per dozen

IRIS KING. Truly properly named, as this variety is a king among Iris. Standards rich golden-yellow with shades of fawn; Falls, deep crimson-wine; all petals of peculiar velvetiness and superb coloring. A magnificent iris. 50 cents each; \$5.00 per dozen.

JACQUESIANA, Syn. CAROLINE de SANSEL and CONSCIENCE. A rare variety with rich velvety shades that are not common in Iris, very large and handsome. Standards, bright, coppery crimson; Falls, rich maroon. 50 cents each; \$5.00 per dozen.

LOHENGRIN. Standards and Falls of catalyca-rose; one of the largest and best of the Irises to my knowledge, and without exception the finest lavender pink shade. 50 cents each; \$5.00 per dozen

LORD GREY. Clouded rose fawn. A very odd and novel shade, very rare and uncommon among the Irises. 50 cents each.

LORELEY. Splendid landscape variety, with lemon-yellow, sometimes splashed with purple standards, and

ultra-marine blue Falls bordered cream and veined white. Mid-season. 50 cents each; \$5.00 per doz.

MADAME CHEREAU. The pride of the German Iris; a tall stately queenly flower. A majestic specimen of entrancing beauty. Standards, white, edged and fringed mauve, interspersed with lilac; inner petals white; Falls, white, edged the same as the Standards. 25 cents each; \$2.50 per dozen.

NIBELUNGEN. Standards of fawn-yellow; Falls of violet-purple with fawn margins. A very handsome variety, that I can highly recommend. One of the very largest. 50 cents each; \$5.00 per dozen.

PALLIDA DALMATICA, or Princess Beatrice. A much desired variety, with strong broad leaves, large plants producing tall stately clear lavender flowers. Highly recommended. 50 cents each. 36 inches in height.

PRINCESS VICTORIA LOUISE. (See illustration above.) An exceptionally good landscape variety, with light yellow standards and plum colored Falls bordered cream. Similar to "Loreley" but in general of slightly lighter colors. Late mid-season. One of the largest and best. 50 cents each; \$5.00 per doz.

QUEEN OF MAY. Called by many "The Pink Iris," and a variety that is a favorite everywhere. An early flowering delicate old rose. Tall and stately. 25 cents each; \$2.50 per dozen.

RHEIN NIXE. The largest of its color to my knowledge, and in my estimation one of the very best. Standards, pure white; Falls, deep violet blue, with a white edge. 75 cents each.

General Collection of Iris

I will send this collection of 15 Irises for \$3.00, prepaid, or the first 8 for \$2.00.



COLLECTION OF 6 WINSOME IRISES, PREPAID FOR \$1.00.

- No. 1. QUEEN OF MAY, pink shade.
- No. 2. MARGOLIN, yellow and brown.
- No. 3. ELIZABETH, beautiful pale lavender.
- No. 4. MRS. H. DARWIN, white edged violet
- No. 5. HERANT. Large lavender blue.
- No. 6. FLORENTINA BLUE. Deep blue.

ELIZABETH. Standards, pale lavender, darker in center; Falls, mauve, melting into pale blue. A very large attractive flower. 25 cents each; \$2.50 per dozen.

FLAVESCENS. Standards and Falls, a delicate shade of soft yellow. Very fragrant; fine for massing. 25 cents each; \$2.50 per dozen.

FLORENTINA ALBA, Syn. SILVER KING. The early flowering white variety. Standards and Falls, porcelain, changing to pure white. Large and very fragrant. 25 cents each; \$2.50 per dozen.

FLORENTINA BLUE. Standards and Falls deep blue. The early flowering blue Iris. Fragrant. 25 cents each; \$2.50 per dozen.

HECTOR. Standards and Falls rich lavender. 25 cents each; \$2.50 per dozen.

HERANT. Fine for massing or borders. Standards, beautiful lavender blue; Falls blue. Very large and tall. Highly recommended. 25 cent each; \$2.50 per dozen. The finest of the blue shades.

HONORABLES. The popular Iris. Similar to Sans Souci. Standards, beautiful golden yellow; Falls, rich mahogany-brown. 15 cents each; \$1.50 per dozen.

KHEDIVE. A beautiful soft lavender, with distinct orange beard. 25 cents each; \$2.50 per dozen.

MARGOLIN. Standards, light clear yellow; Falls yellow, interlaced with magenta. 25 cents each; \$2.50 per dozen.

MISS BROUGH. Standards, violet. Falls, dark purple, orange crest. 25 cents each; \$2.50 per dozen.

MONS DU SIBILE. Standards, lilac. Falls, deep crimson-purple, very showy. 25 cents each; \$2.50 per dozen.

MRS. H. DARWIN. A pure white. Falls slightly reticulated violet. Very beautiful and free-flowering. Recommended. 25 cents each; \$2.50 per dozen.

NEGLECTA. Standards pale lavender. Falls purple, reticulated, white. 25 cents each; \$2.50 per dozen.

PALLIDA SPECIOSA or TURKEY FLAG. Standards, dark lavender, shaded lighter; Falls, shaded light purple. 25 cents each.

SANS SOUCI or REBECCA. Standards, canary; base reticulated dove color. Falls yellow, veined and interlaced with brown fading do light maroon. 20 cents each; \$2.00 per dozen.

SPECIAL IRIS OFFER:—To give my friends and customers an opportunity to have a more complete collection of these early blossoming favorites, I am making the following offer—

I will ship you Five Choice Named Varieties of Iris for \$1.00, transportation charges prepaid to any part of the United States and Canada. If you have Irises, and wish different varieties from those you are growing, tell me the color or name if you know it, and I will make a selection of varieties that does not include what you have, which will give you five new the greatest variety of colors possible,

colors. In making this selection, I will use my best judgment, giving you and varieties I believe will give you satisfaction.

Siberian Iris

The Siberian Iris do well in damp places. Plant three inches deep.

SIBERICA. (Siberian Blue.) (See illustration.)
page one.) Rich blue flowers of exquisite beauty.
25 cents each; \$2.50 per dozen.

SIBERICA ALBA. (Siberian White.) A beautiful
white flower. 25 cents each; \$2.50 per dozen.

Hardy Perennial Phlox

Among hardy herbaceous plants, none are more showy or more easily grown than the Phlox. They are very desirable planted in groups. Individual clumps throughout perennial beds make a very satisfactory display, while mass plantings of one color make the most effective showing.

They produce magnificent trusses of flowers, commencing to blossom in July, and lasting for weeks, making them always favorites of the garden. Their flowers have a very agreeable odor, and are produced in abundance. The plants are perfectly hardy and will grow year after year with but little care. I recommend frequent cultivation, however, as they quickly respond to it, producing much large trusses, and larger and more beautiful individual flowers. Simply keep the ground clear of weeds and well hoed. They will grow and do well in any soil; but prefer a good rich well drained loam. They may be planted in the Fall during August, September and October; and in the Spring during April, May and until the plants are too far advanced in June. In planting be sure that the crown of the root, that is, the part where the new shoots start, is two inches below the surface of the ground.

Choice New and Rare Phlox for 1923

TWELVE CHOICE NEW PHLOX FOR 1923 prepaid for \$5.00.

ANNIE COOK. An exceptionally compact sturdy variety. Pale amaranth pink with rose eye. A very delicate shade. Medium height. 50 cents each; \$5.00 per dozen.

EUROPA. A very distinct new Phlox that wins instant favor, and proves deserving of a place in the gardens of the most particular. The plants are remarkably sturdy, and of good erect habit. The individual flowers and trusses are very large, which add to its value. White with a decided crimson-carmine eye. 50 cents each.

FRAU ANTON BUCHNER. An exquisite pure white variety. Plants are of medium height, and very sturdy. The individual flowers of this variety are much larger than those of any other white variety to my knowledge. 50 cents each.

GRUPPENKOENIGIN. One of the finest new Phloxes. Deep mallow pink with tyrian rose eye. Very large trusses; individual flower of enormous size. 50 cents each.

HENRY MURGER. An exceptionally good salmon variety having good perfect trusses, and very large individual flowers. This is one of the very finest salmon-rose shades, and has all the good qualities of a Phlox. It is one of the very largest varieties I have seen. 35 cents each.

LE SOLEIL. One of the most beautiful Phlox grown. Brilliant china rose, with white ring around a deep rose eye. 50 cents each; \$5.00 per dozen.

MAUVE QUEEN. Tyrian pink with very distinct amaranth red eye. Very large individual flowers on good trusses. 75 cents each.

PANTHEON. Flowers are very large; pink or salmon-rose; one of the most distinct varieties; Sturdy plants of medium height. 35 cents each; \$3.50 per doz.

PEACH BLOW. One of the most delicate shades among the new phlox. Deep rose pink with white ring and tyrian pink eye. 50 cents each; \$5.00 per dozen.

THOR. A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow; with a light, almost white halo surrounding the aniline-red eye. This lovely variety holds a supreme place among the deep salmon-pink, and it is a pleasure to recommend this new creation. It is of exceptionally good habit, being tall and sturdy and producing immense trusses. Flowers are of gigantic size. 50 cents each.

W. C. EGAN. One of the very finest Phloxes yet introduced, and a variety that wins instant favor, while the individual flowers, according to color chart, are of a delicate lilac, illuminated by a large bright sofferino eye, the color effect, as a whole, is a pleasing shade of soft pink. In habit of growth it is very strong and vigorous; producing immense panicles of flowers nine inches high by seven across, and the individual flowers are frequently over 1-2 inches in diameter. Very satisfactory and one that I can highly recommend. 50 cents each.

WIDAR. A very attractive and rare variety that I can highly recommend. Pure purple with a prominent white center. Different from all the other varieties. \$1.00 each.

Selected Phlox

Prices 25 cents each; \$2.50 per dozen; \$15.00 per 100, except where noted, prepaid.

If wanted in large lots send for 1,000 rates

ALCESTE. A rare color—deep violet, shading almost too blue. The plant is of strong, sturdy growth, of medium height, and produces remarkably large trusses; individual flower of largest size.

BARON VON DEDEM. A rich, satiny blood-red with large attractive panicles. Truss of good size. Medium height. Mid-season. 35 cents each.

BRIDESMAID. One of the very best Phlox grown. White with large rose-crimson center. Very showy and desirable. Plants exceptionally sturdy, producing large trusses. Medium height.

CREPUSCULE. A superb variety with very large individual flowers, which form a truss of immense size. The coloring of this variety is very odd, and attracts considerable comment; a very difficult variety to describe; and odd shade of lavender violet, shading to pale blue.

ECLAIREUR. An old favorite. One of the largest and best. Bright rose-carmine with light halo, a bright and cheerful face. The plants are very strong and sturdy, making a perfect border.

GENERAL VAN HEUTSZ. A very brilliant salmon-red, with an occasional light shading at the center. A variety of medium height, and good habit. This is one of the showiest. 35 cents each.

JEANNE D' ARC or SNOW QUEEN. Undoubtedly the very finest pure white variety to date. The plants are extra strong growers of medium height, producing exceptionally large heads. Ideal for hedging or massing. Highly recommended.

LA VOGUE. Silvery-rose, with deeper rose eye.

LE MAHDI. A perfect beauty of special merit. The flower is a rich, dark violet-purple, a color rare among Phlox. The plants are very strong and robust; they are of medium height and produce large flower trusses; individual flowers exceptionally large.

MARY LOUISE. Pure white with an exquisite rose-violet eye. Large trusses. 35 cents each; \$3.50 per dozen.

MISS LINGARD. New Glossy Foliage Phlox. White, with faint lilac eye. This variety is an early-flowering Phlox and blooms continually throughout the season. Plants are tall, sturdy, and first-class for bedding. Dark, glossy, green foliage.

RICHARD WALLACE. White with distinct violet eye. One of the most popular, and best known. An exceptionally good variety, that is always reliable, proving a favorite everywhere.

SIEBOLD. Vivid orange-scarlet.

The above collection of 13 distinct named varieties one of each for \$3.00 prepaid.



Hardy Perennials

We are sure that nothing gives our customers greater satisfaction about their grounds than a well arranged flower garden of Hardy Plants. With the proper selection of varieties, flowers may be had in bloom from early Spring until severe frost; many of them will succeed where less hardy varieties would prove a total failure; once planted they make a permanent bed and are therefore less trouble and expense than where tender plants are used and while they are of the easiest culture and do better with less care than most other varieties, yet they well repay any extra attention that may be given them. A properly prepared bed to receive them should be deeply forked or spaded with a liberal supply of well rotted manure thoroughly worked in. Bone-dust and also some commercial fertilizers produce excellent results and may be applied in small quantities several times during the season and lightly raked into the soil.

Although not absolutely necessary, a winter covering of long, strong, coarse litter or similar material will afford such protection as to guard against sudden changes of freezing and thawing, and the plants will be in a stronger condition to make an early start in the Spring to pay for the little trouble incurred. Manure can also be used, but a heavy covering on evergreen varieties would be likely to rot and kill them. Roots cannot be shipped until about March 15th, because our ground is frozen or snow-covered until about that date, usually making it impossible to dig them. All hardy plants shipped prepaid at prices quoted.

ACHILLEA—"The Pearl"

A summer-blooming variety, worthy of a place in every garden. The flowers are pure white, very double, and are produced in large sprays on long stems; are much used by florists for cut-flower work. Perfectly hardy. Particularly desirable for cemetery planting. 18 inches. **25 cents each; \$2.00 per dozen, prepaid.**

AQUILEGIAS or COLUMBINES

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising two or more feet above a beautifully divided foliage. They should be planted wherever their presence will serve to lighten up a too stiff and formal planting. No other plant has so airy a grace as the Columbine, is more generous of its blooms, or is more effectively adapted for cut flowers. They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position. Their period of flowering covers the late Spring and early Summer months and they usually make themselves at home in any hardy border or rockery.

CALIFORNIA HYBRIDS. Tall growing hybrids from native California. Columbines. Principally large flowered yellow blossoms with red spurs. Most have long spurs. Blossoming in May, June and July. Very attractive, 2 to 3 feet tall. **35 cents each; \$3.50 per dozen.**

COERULEA HYBRIDS. (Rocky Mountain Columbines.) Including all the well-known colors and

shades, blue, pink, red, salmon and yellow. **25 cents each; \$2.50 per dozen.**

COERULEA ROSE SHADES, principally selected rose-shades. These are very choice. **50 cents each; \$5.00 per dozen.**

CHRYSANTHA HYBRIDS. (Golden Spurred Columbine.) Long-spurred, delicate and most exquisite blendings of yellow. **50 cents each; \$5.00 per dozen.**

SKINNERI. Blossoms in late May and June. Native of Mexico. Bushy habit. Grows 2 to 3 feet high. Flower of scarlet and yellow, with long red spurs. **35 cents each; \$3.50 per dozen.**

One each of 5 above Columbines for \$1.50 prepaid.

HARDY ASTERS

Michaelmas Daisies or Starworts

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October; a season when most other hardy flowers are past. For best effects, they should be planted in masses of one color.

ASTER, AMELLUS BESSARABISCUS. Rich purplish-blue flowers, with orange centers. Good for cutting. 12 to 18 inches in height; blossoming in August and September. **25 cents each.**

CLIMAX. A splendid new variety that I can highly recommend. Flowers of light lavender-blue, of very large size, and produced abundantly. Individual flower from 1 to 1½ inches in diameter. Plants grow three to four feet tall. **25 cents each; \$2.50 per dozen; \$18.00 per 100.**

HARDY PERENNIALS—Continued.

ASTER. LONGIFOLIA FORMOSISSIMA. One of the most popular bright violet Asters. Plants grow three feet tall. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

NOVAE-ANGLIAE. The largest and best bright violet-purple, with yellow centers. Immense heads. Flowering during September and October. Plants grow from 3½ to 5 feet tall. 25 cents each, \$2.50 per dozen; \$18 per 100.

NOVAE-ANGLIAE ROSEUS. The largest deep pink Aster, a beautiful rosy-pink to purplish mauve, immense heads; flowering during September and October. Plants grow from 3½ to 5 feet. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

T. S. Ware. Delicate rosy-lilac, large flowers, one of the best of its color. Three to four feet tall. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

ST. EGWYN. The best of the pink flowering Asters to-date. A large soft pink, strong grower, dwarf bushy habit, immense heads. 2½ to 3 feet tall. Very abundant flowering and one I highly recommend. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

Two plants of each of the above seven varieties prepaid to your address for \$3.00.

ASTILBE

ASTILBE, GLADSTONE. 12 to 18 inches. Flowers white. 35 cents each.

ASTILBE, QUEEN ALEXANDER. Beautiful pink flowers on plants 12 to 18 inches tall. 35 cents each; \$3.50 per dozen.

BOLTONIA

ASTEROIDES. (False Chamomile.) This is an excellent decorative flower. Very desirable to hide unsightly fences, and places in the yard. The bushy plants grow 5 feet high, covered with small white flowers of the Aster-type. Very effective for vases. Strong plants. 20 cents each; \$2.00 per dozen, prepaid.

CENTAUREA

CENTAUREA, MONTANA. (Perennial Cornflower.) Plants from 12 to 15 inches in height; a rosy purple, flowering from July to September. 25 cents each; \$2.50 per dozen.

CENTAUREA, WHITE LEAVED or DUSTY MILLER. Fine plants of easy culture, that are suitable for hot sunny situations, in the border or rockery. Their white foliage contrasting with the foliage of other hardy plants, making them very showy. 25 cents each; \$2.50 per dozen.

DELPHINIUM or HARDY LARKSPUR

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the Spring has opened. The ground should be well drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late Autumn, coal ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy. The stalks being very tender, the plants should be staked when they are about three feet high, to protect them from heavy winds. Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed. Each time the plants are cut a little bone meal should be dug about them."

BELLADONNA. The freest and most continuous bloomer of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty by any other flower. 35 cents each; \$3.50 per dozen; \$25.00 per 100.

Choice Hybrids, including all the standard colors. I can supply these in mixtures only. 25 cents each; \$2.50 per dozen.

CHINESE. (Grandiflorum or Chinese Larkspur.) Fine feathery foliage and deep gentian blue flowers. 2 feet. 50 cents each; \$5.00 per dozen.

CHINESE ALBUM. A white flowered form. 2 feet. 50 cents each; \$5.00 per dozen.

DIANTHUS—PINKS

DIANTHUS BARBATUS. (Sweet William.) 10 to 20 inches high, blossoming in July and August. One of the oldest garden flowers, which perpetuates itself by self-sowing. Colors, a good mixture of the most beautiful shades of crimson, white and Newport pink 25 cents each; \$2.50 per dozen.

DIANTHUS PLUAMARIUS. (Scotch Pink.) A favorite plant in old time gardens, blossoming in June, and having a distinct fragrance. Flowers are double and of a beautiful clear light pink. 9 inches in height. 25 cents each; \$2.50 per dozen.

DIANTHUS PLUMARIUS DELICATA. New seedling pink, from *Dianthus plumarius*. The earliest of all to blossom. Very delicate beautiful cameo pink flowers, blossoming in June. 9 inches in height. 35 cents each; \$3.50 per doz.

DIANTHUS, SEMPERFLORENA. 9 to 12 inches. Single and semi-double flowers. Pink, with crimson-red center. 25 cents each; \$2.50 per dozen. One each of the 4 above *Dianthus* for \$1.00, prepaid.

FUNKIA Plantain Lily

FUNKIA—Plantain Lily. The Plantain Lilies are among the easiest plants to manage; their broad massive foliage makes them attractive subjects for the border, even when not in flower. Lavender-blue blossoms in July, August and September. They succeed equally well in sun or shade. 20 cents each; \$2.00 per dozen.

HEMEROCALLIS

(Yellow Day Lily.)

Popular hardy plants, belonging to the Lily family. They succeed everywhere and should always be included in the border of old-fashioned hardy plants.

From Greek, *hemero*—day, and *kallos*—beautiful; because the beautiful blossoms close at night.

One of the most beautiful and popular of our garden perennials. The Lemon Day Lilies have narrow grass-like foliage, and the flowers have wide funnels. Small plants will flower freely the first year. The plants are all remarkably free from enemies and need no protection even in the severest winters. The flowers are very simple, yet distinct, with a wholesome fragrance. The individual flowers are short-lived, but there is a good succession. They thrive in almost any garden soil, but are most luxuriant along the borders of ponds or moist places, and in partial shade. Excellent for cutting, lasting a long while, and the most backward buds opening in water.

Our stock of *Hemerocallis* is field-grown, and can be depended upon to be true to name.

APRICOT. Rich apricot colored flowers. Plants grow 2½ feet tall. 25 cents; \$2.50 per dozen.

AURANTIACA. (Carolina Lily.) A beautiful, large trumpet-shaped Day Lily with fragrant orange flowers. One of the most satisfactory; height 2 to 3 feet; flowers in June and July. Easy to grow. 35 cents each; \$3.50 per dozen.

FLAVA. (Yellow Day Lily.) The best known variety; very fragrant, deep, clear lemon-yellow; flowers in June; height 2 to 3 feet. 25 cents each; \$2.50 per dozen.

FULVA. (Tawny Day Lily.) One of the most common varieties. Height, 4 to 5 feet; trumpet-shaped flowers of a bronzy orange-red color; flowers from June to August. 25 cents each; \$2.50 per dozen. One each of the above four varieties for \$1.00, prepaid.

HIBISCUS (Mallow or Malva)

From Old Greek, meaning to soften, referring to its soft, mucilaginous qualities.

Tall vigorous growing perennials of the most ancient culture. Used among the Romans as a vegetable, and still serves as food to the Chinese.

HARDY PERENNIALS—Continued

MALLOW MARVELS or GIANT FLOWERING Hibiscus. (Marshmallow.) An improved form of our native Marshmallow or Rosemallow, in which the colors have been greatly intensified. Robust, upright habit, producing an abundance of flowers of enormous size, in all the richest shades of crimson and pink. Strong roots, **50 cents each, \$5.00 per dozen.** Small divisions at 25 cents each, \$2.50 per dozen.

LYSIMACHIA

CLETHROIDES. (Loose-strife.) A fine hardy plant, between one and two feet in height that blossoms during July, August and September. Long dense recurved spikes of pure white flowers. **25 cents each; \$2.50 per dozen.**

MONARDA (Bergamot)

(Bee Balm.)

DIDYMA ROSEA. (Bee Balm.) Showy plants growing from 2 to 3 feet in height, that succeed in any soil or position. Bright colored flowers of a reddish rose shade, with aromatic foliage. Blossoms during July and August. **25 cents each; \$2.50 per dozen.**

PAPAVER or POPPY

PAPAVER NUDICAULE. (Iceland Poppy.) 8 to 12 inches in height. These commence to blossom early—the latter part of April and first of May—and produce showy graceful flowers all summer. A good mixture of the most beautiful shades of orange, yellow and white. Good for massing in borders, or in the rock garden. **25 cents each.**

PHLOX SUBULATA

(Moss Pink.)

PHLOX SUBULATA. Dwarf Moss Pinks. A much prized old-time garden plant, useful for colonizing where it is desired to cover the earth with a tufted, dense, evergreen mat. It is much used in cemeteries, rockeries, for borders, and old-fashioned gardens. Blooms profusely in the Spring and is sweetly scented.

ALBA. Pure white. **25 cents each; \$2.50 per doz.**

LILACIANA. Flowers clear lilac. **25 cents each; \$2.50 per dozen.**

ROSEA. Flowers bright rose. **25 cents each; \$2.50 per dozen.**

Three strong plants of each of the above three sorts, for \$2.00 prepaid.

PHYSOSTEGIA

PHYSOSTEGIA VIRGINIANA. (Ladies' Pink.)

An elegant plant with dark, glossy, green foliage and long spikes of soft rose flowers; excellent for cutting. It produces its flowers during July, August, and September when few flowers are in bloom. Height, 2 to 3 feet. **20 cents each; \$2.00 per dozen.**

RUDBECKIA

(Cone Flower.)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, well suited for cutting.

GOLDEN GLOW. A well-known popular plant strong, robust grower, attaining a height of 5 to 6 feet; produces masses of double golden-yellow flowers from July to September. **15 cents each; \$1.50 per dozen.**

SUPERB HOLLYHOCKS

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double sorts, as follows:

Double White Double Yellow Double Maroon
Double Pink Double Red Double Mixed
Double Salmon

All colors **35 cents each, \$3.50 per dozen.**

SEDUM (Stonecrop)

From Latin, sedeo—to sit; these plants growing upon the bare rocks, look as if sitting upon them.

A very diverse but charming group of plants, most of them dwarf, evergreen perennials, with pretty leaves in rosettes, and a profusion of brilliantly colored flowers, that make them exceptionally desirable in the rock garden or in the crevices of old walls, etc. Some are taller growing, beautiful-flowered border varieties that are an adjunct to any garden. All are of the easiest culture and are most hardy and welcome perennials. Write for list of other varieties if interested.

SPECTABILE ROSEA. (Show Sedum.) Most popular of the Sedums and used for the greatest number of purposes; showy, flat heads of rose colored to purple flowers. 18 inches to 2 feet. **25 cents each; \$2.50 per dozen.**

SPIRAEA or ASTILBE

(Goat's Beard, Meadow Sweet.)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeeds best in a half-shaded location in rich moist soil.

FILIPENDULA FL. PL. (Double-flowered Dropwort.) Numerous corymbs of double white flowers; buds tinted rose-pink; produced on stems 15 to 18 inches high, during June and July. Finely cut distinctive fern-like foliage. A very novel and desirable Hardy Plant. **35 cents each; \$3.50 per dozen.**

TRADESCANTIA

(Spiderwort.)

TRADESCANTIA ALBA. An all-round plant for wet or dry, sunny or shady situations, continuing in bloom from early summer until frost. Pure white, three-petaled flowers in clusters on long stems, and long, pointed foliage. Height 2 feet. **25 cents each; \$2.50 per dozen.**

TROLLIUS or DOUBLE BUTTERCUP

TROLLIUS or DOUBLE BUTTERCUP. Trollius **Europaeus.** Desirable early flowering plants, producing their giant Butter-cup like blossoms on stems 8 to 12 inches in length during May and June, large bright yellow, globular flowers. **25 cents each; \$2.50 per dozen.**

HARDY GARDEN HELIOTROPE

Valeriana (Spurred Flower.)

VALERIANA OFFICINALIS. The old-fashioned garden Heliotrope with pinkish or lavender flowers with Heliotrope fragrance; flowers in June and July; Height, 4 feet. **25 cents each; \$2.50 per dozen.**

VIOLA—VIOLETS

VIOLA CORNUTA. A very beautiful hardy violet blossoming from April until frost, and growing from 4 to 6 inches in height. Large blue flowers. A fine border plant. **20 cents each; \$2.00 per dozen; \$15.00 per 100.**

YUCCA

(Adam's Needle.)

YUCCA FILAMENTOSA. A stately foliage and flowering plant equally imposing in solitary or group planting; always conspicuous. The broad sword-like foliage is evergreen, while in mid-summer it shows great erect, branching stems, bearing a showy display of pendant, creamy white bells. Very fragrant; flowers in July and August. Roots **25 cents each; \$2.50 per dozen; large plants, 50 cents each; \$5.00 per dozen.**

Ornamental and Flowering Shrubs

Shipped by Express at Purchaser's Expense.

A good Shrub collection will present the greatest variety of colors throughout the season, both in flower and foliage.

Irregular massing is the most picturesque method of shrub planting. When right selections are made, they will serve almost as well as Evergreens, to shut out from view fences and other low unsightly objects. It is my constant aim to grow everything that is useful, hardy and worthy of cultivation in our climate.

Annual pruning should be done directly after flowering. When planting, the best way to maintain a balance between roots and branches is to cut the latter to half their length. I prune all I ship out, so they are properly pruned, and ready to plant and grow. When pruning, the old scraggy wood and spindly shoots should be cut out. When planting, the holes should be made large enough to allow the roots to be spread out in a natural way. Firm planting is essential to the future well-being of the shrub. In planting, therefore, the soil should be crowded around the roots firmly. The top-soil should be kept cultivated to a depth of two to three inches.

If heavy bushes are desired I have good large specimens that will produce immediate effect. These are designated by the words specimens throughout the descriptions.

BERBERIS. Barberry

BERBERIS THUNBERGII. Where a low, dwarf, deciduous hedge is wanted, nothing equals this beautiful Barberry. It is of spreading habit, growing extremely thick right from the base and requires but little pruning to keep it in shape. The leaves are small, light green, and towards Fall assume rich, brilliant color, the fruit or berries becoming scarlet; absolutely hardy in all parts of the country.

	Doz.	100
6 to 10 inches.....	\$1.00	\$8.00
10 to 15 inches.....	1.50	12.00
15 to 20 inches.....	2.00	15.00
18 to 24 inches.....	2.50	18.00
5-year specimen bushes, 50 cents each	5.00	

DEUTZIA

We are indebted to Japan for this valuable genus of plants. Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers place them among the most beautiful and most popular of flowering shrubs at the present time. Flower in June and through July and August.

PRIDE OF ROCHESTER. A variety of Deutzia Crenata Flore Plena, producing large, double white flowers; back of the petals slightly tinted with rose. It excels all the older sorts in size of flower, length of panicle, profuseness of bloom and vigorous habit; blooms nearly a week earlier.

	Each.	Dozen
24 to 36 inches.....	\$.75	\$7.50
36 to 48 inch specimens.....	1.00	10.00
48-inch specimen bushes.....	1.25	12.00

FORSYTHIA. Golden Bell.

The Forsythia is indispensable as an early blooming shrub. The flowers appear in immense quantities before the leaves, completely hiding the branches. It is one of the easiest shrubs to cultivate.

FORSYTHIA FORTUNEL. Upright in habit, with broad, deep green foliage, turning to a purplish tint in the Autumn; flowers deep yellow and in great profusion.

	Each	Dozen
1 to 2 feet.....	\$.50	\$5.00
2 to 3 feet.....	.75	7.50
3 to 4-foot specimen bushes.....	1.00	10.00
4 to 5-foot specimen bushes.....	1.50	12.00

HYDRANGEA.

HYDRANGEA ARBORESCENS GRANDIFLORA. (Snowball Hydrangea.) This magnificent perfectly hardy American shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Small plants, 50 cents each; \$5.00 per dozen; specimen plants, \$1.00 each.

HYDRANGEA PANICULATA GRANDIFLORA.

Without doubt the best known and most popular Autumn flowering shrub in cultivation at the present time. The flowers, which are borne in dense, pyramidal panicles a foot long in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. Extra fine bush plants, \$1.00 each; \$10.00 per doz.

PHILADELPHUS.

(Syringa for Mock Orange.)

PHILADELPHUS CORONARIUS. This variety is known as the "Garland Syringa." It is a strong-growing shrub often 10 to 12 feet in height, very hardy, and like all the Philadelphia is one of the best shrubs for situations which are partially shaded, although preferring sun. Orange-scented, creamy white flowers in May and June.

	Each	Dozen
12 to 18 inches.....	\$0.50	\$5.00
18 to 24 inches.....	.75	7.50
24 to 30 inch specimen bushes.....	1.00	10.00
30 to 36 inch " ".....	1.50	15.00
36 to 42 inch " ".....	2.00	20.00

SPIRAEA.

VAN HOUTTEI. (Bridal Bower.) By many this is regarded as the finest of all Spiræas, and it is assuredly one of the most esteemed shrubs in cultivation. It forms an erect bush with graceful arching branches, well covered with neat, rich green foliage, and in early Summer a profusion of large, pure white flower clusters. Very hardy and most effective.

	Each	Dozen
12 to 18 inches.....	\$0.50	\$5.00
18 to 24 inches.....	.75	7.50
24 to 30 inch specimen bushes.....	1.00	10.00
36 inch specimen bushes.....	1.50	15.00

SYMPHORICARPOS

SYMPHORICARPOS VULGARIS (Indian Current.)

Of more compact growth than the above; spreading, graceful habit. The flowers are greenish-red and succeeded by dark purplish red berries in clusters. Excellent for massing on hillsides or rough places.

2 to 3 feet.....	\$0.75 each
3 to 4 foot specimens.....	1.00 each

WOODEN PLANT LABELS.

For any kinds of plants. These are plain labels to be used either in pots or out of doors, with one end pointed. I am also offering Dahlia labels which are suitable for labeling all kinds of Dahlias.

Plant Labels—4 inch, plain, 50 cents per 100, prepaid; \$2.00 per 1,000, prepaid. 5-inch, plain, 55 cents per 100, prepaid; \$2.50 per 1,000, prepaid. 6-inch, plain, 60 cents per 100, prepaid; \$2.75 per 1,000, prepaid.

DAHLIA LABELS.

Dahlia Labels, Painted, with Wires—3½ inch, iron wire; 75 cents per 100, prepaid; \$3.00 per 1,000, prepaid. 3½-inch, copper wire, \$1.00 per 100, prepaid; \$4.00 per 1,000, prepaid.

Dahlia Labels, Plain, with Wires—3½-inch, iron wire 50 cents per 100, prepaid; \$2.00 per 1,000, prepaid. 3-inch, copper wire. 75 cents per 100, prepaid; \$2.50 per 1,000.



NEW PEONY-FLOWERED DAHLIA—PRESIDENT HARDING
($\frac{1}{2}$ actual size)

PRESIDENT HARDING, one of my own seedlings, was introduced in 1922 for the first time, and is the best dahlia of its type and color I have seen. It is a golden-yellow tipped lighter and will grow seven inches across without forcing.

FOR FULL DESCRIPTION AND PRICE
SEE INSIDE



Frank N. Walker