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# CHRYSANTHEMUMS and ASTERS



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UNAKA

ELMER D. SMITH & COMPANY

ADRIAN, MICH. U.S.A.

# To Our Patrons

In presenting our Catalogue for 1911, we wish to call your attention to the unusual strong collection of Novelties, which we consider the best ever offered in this country. In the general list we have included all the best, and as the arrangement is so comprehensive, the selection of varieties suitable for the required purpose will be very simple. We shall be in better position than ever before to serve our customers with first class stock true to name. Thanking you for past favors and soliciting your continued patronage, we are,

Yours respectfully,

Elmer D. Smith & Co.

## Terms of Sale

**Important—Read Carefully Before Ordering.**

**QUOTATIONS.**—The prices quoted are as **low** as can be made for **strictly first-class stock**. This list cancels all previous Quotations and is **good until May 1st**, after which date Prices for Summer Planting will prevail.

**QUALITY.**—We do not **ship** large, soft plants, but **short sturdy stock from cold houses**, which quickly respond to any ordinary treatment.

**NO GUARANTEE.**—While we exercise the utmost care in executing all orders, to keep our stock true to name, **we give no warranty, Expressed or Implied, and Cannot Guarantee or be in any way Responsible for the Crop**, either as to variety or product. Should **Errors** occur, do not fail to **report at once**.

**FILLING ORDERS.**—All Orders are Filled in Strict Rotation, carefully labeled, lightly and securely packed and delivered to the carriers in good condition, free of charge. **In Case Stock** of certain varieties is **exhausted we reserve the right to decline the order**. To partially avoid such action, **Place Your Order Early**, so that plants may be set aside, or cuttings propagated. **Assist** in prompt delivery by using **Order Sheet**.

**TERMS.**—Orders from Unknown Parties must Always be accompanied by Remittance, or Satisfactory Reference from Trade Firms or Local Banks. We allow **5% Discount Where Remittance Accompanies the Order**. Register all Letters containing **CASH**. All Accounts are Due and Subject to Draft in **60 Days**, unless Otherwise Agreed upon. **We insist on One-Quarter** of the Amount to Accompany the Order when shipped **C. O. D.**

In All Cases the Foregoing Terms will be Strictly Adhered To.

**SHIPPING FACILITIES.**—All Plants are shipped by Express, unless Otherwise Instructed. We guarantee safe arrival. For Safe and Quick Delivery, we recommend this method. In case of Damage or Losses, Remove our Improved Shipping Tag, return with Agent's Receipt, and we will enter claim for Damages. We always add a liberal number of extras to help defray the Express Charges.

WE GUARANTEE ALL SHIPMENTS TO BE FORWARDED AT THE SPECIAL PLANT RATE, WHICH IS 20% LESS THAN MERCHANDISE.

Mail shipments are practical only with small orders. We forward by Mail, Post Prepaid.

### Notice to Pacific Coast and Extreme Western Growers:

We are pleased to inform you that there is in force a **low prepaid Express Rate** to the following states: BRITISH COLUMBIA, WASHINGTON, OREGON, CALIFORNIA, NEVADA, ARIZONA and MOST POINTS IN IDAHO. **This Rate is 8 Cents per Pound, PREPAID; no Limit to Weight, provided the value is less than \$10.00.**

We will Prepay, if Amount is Advanced, at the Rate of **\$1.50 for Every 100 2 $\frac{1}{2}$ -inch Pot Plants**. There will be a slight Variation, according to Weather Conditions and Size of Plants. **Will Return or Bill all Differences.**





# American Chrysanthemums for 1911

Originated by Elmer D. Smith & Co.

## Commercial Varieties

We take pleasure in presenting to the trade the following Novelties possessing commercial qualities to the highest degree. In describing them we have eliminated the many adjectives generally used in such descriptions and have confined ourselves to the plain facts regarding color, flowering season, etc.

We consider this collection surpasses all our previous efforts or those of other introducers. Those interested in commercial novelties need look no further, as this collection comprises the best sorts for 1911. All have received first-class certificates from the Chrysanthemum Society of America.

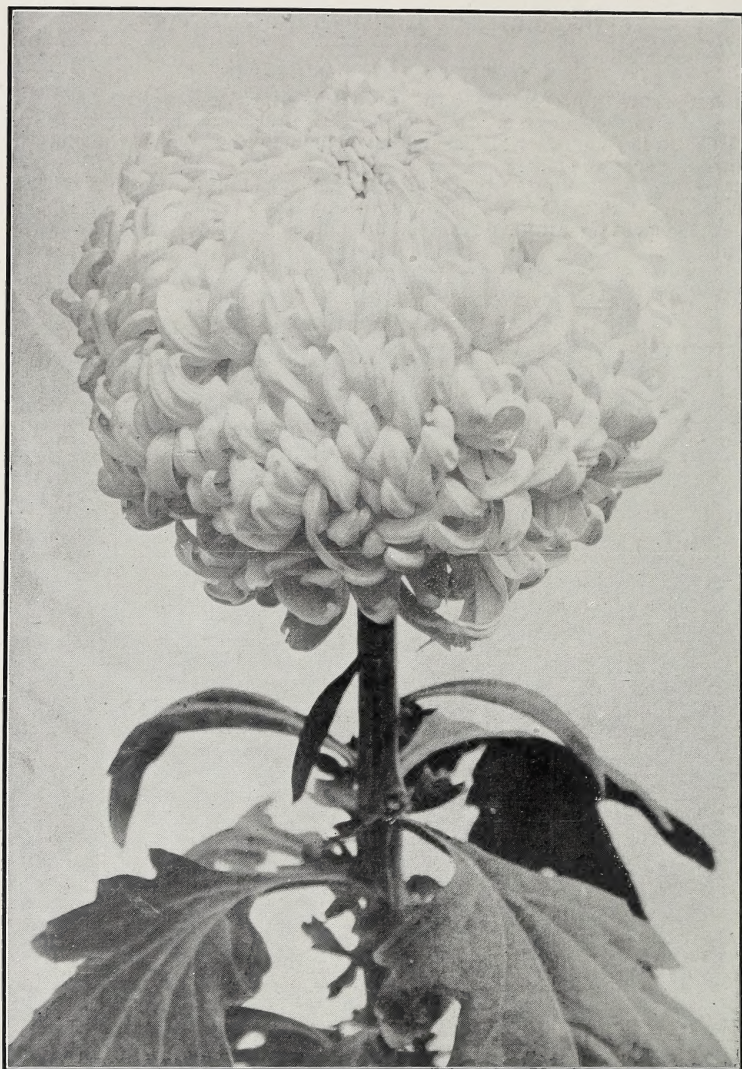
**Delivery in strict rotation from January to March.**

**Quantity.—Five at ten, twenty-five at hundred rate.**



**Smith's Advance.**—Pure white when fully expanded, showing a creamy center when semi-developed. This is the earliest large white variety known. Buds selected June 10th were cut July 25th, 5½ in. in diameter with excellent stem, foliage and remarkable substance. The later buds for August and September gave larger and finer blooms carried on stems 3 to 3½ ft. long. This, like Golden Glow, will produce blooms at any season of the year following an active period of growth. The lateral growths which follow the removal of early buds are not surmounted with terminal buds as is the case with Golden Glow, but push forward and produce another crown. This course is continued until the natural time for terminals to set in autumn. C. S. A. certificate.

**PRICE.**—50c each; \$4.00 per ten; \$35.00 per hundred.



**Chrysolora.**—This new variety can be briefly described as an early Col. D. Appleton coming in fifteen days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Maj. Bonnaffon. We consider this one of our greatest achievements, possessing sterling worth from a commercial standpoint, while its size and splendid keeping qualities permit its taking a prominent part at the exhibitions. Best buds are those selected August 1st to 15th. Averaged over 91 points before the five C. S. A. Committees, a record unequalled since 1895.

PRICE.—75c each; \$6.00 per ten; \$50.00 per hundred.

**Chrysolora received the highest honors of any seedling shown in 1910. A yellow as large as Appleton, maturing Oct. 15th, is certainly deserving of all growers' consideration.**





**Dick Witterstaetter.**—Japanese reflexing, showing only the upper surface of the petals, which are an intense shade of red, not as dark as most of the red varieties, approaching nearer the scarlet, exceptionally fine stem and foliage. Excellent for either exhibition or commercial use; 4 ft. best bud August 15 to 25. In season latter part of October. PRICE.—50c each; \$4.00 per ten; \$35.00 per hundred.

Our Commercial Novelties cover a flowering period of six months and comprise the best colors for florists' use. Smith's Advance for July and December Gem for December. No previous collection has presented so wide a range in colors and flowering season.



**Roman Gold.**—From September buds a Japanese incurved and darker yellow than Golden Wedding or Golden Age. From August buds it produces a large reflexed flower very suitable for exhibition tables. Stem and foliage excellent. 4 ft. in perfection Nov. 1st. Best bud August 15 to 25.

PRICE.—50c each; \$4.00 per ten; \$35.00 per hundred.

**ROOTED CUTTINGS.**—Those interested in Rooted Cuttings will find a complete list of commercial sorts on page 27. The prices quoted are for early delivery, and will probably prevail until May 1st, when they will be revised and reduced where the stock and demand will permit.

Smith's Chrysanthemum Manual leads to success. Price 40c postpaid. See inside back cover.



**Thanksgiving Queen.**—In form, an improved and magnified Silver Wedding, being larger and more double. Color creamy white and maturing Nov. 20th, just right for Thanksgiving use. Only 4 ft. high from early June planting, foliage medium in size, stem so strong as scarcely to require tying. Blooms 9 in. in diameter. Best bud September 1 to 10. C. S. A. certificate.

PRICE.—50c each; \$4.00 per ten; \$35.00 per hundred.

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Prices herein quoted will prevail until May 1st. Let us quote you now for either May, June or July delivery.

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We have many varieties not mentioned herein which will be quoted on demand.

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If you do not see what you want, ask for it. We have the most complete files on all matters pertaining to Chrysanthemums. Suggestions and information cheerfully furnished.



**December Gem.**—A ball-shaped Japanese white, with pink stripe on edge of petals, giving a pink or pearly tint to the blooms. Stock planted early in June attained only  $3\frac{1}{2}$  ft. in height, and buds selected September 25 gave very perfect blooms  $6\frac{1}{2}$  in. in diameter on December 1st. Later buds will give succession to Christmas. Strong stem with ample foliage. First-class certificate C. S. A. Dec. 3.

PRICE.—50c each; \$4.00 per ten; \$35.00 per hundred.

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**The Novelties we herein offer (pages 1-12) are the cream of 4,000 seedlings raised in 1908 and are of a higher standard than any collection we have heretofore disseminated.**

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**Owing to the increasing demand we have provided a large stock of the most popular of the standard kinds. Under these conditions we hope to be able to supply our patrons promptly, and with plants and cuttings of the highest quality.**

**Unaka.**—The long sought early October pink chrysanthemum. Buds selected August 1 to 15 give fully developed blooms October 1 to 15 and are superior to earlier or later buds when color and fullness are considered. A broad petaled Japanese incurved of great depth and size for so early a variety. In color it is intermediate between Rosiere and Gloria. Exceptionally strong stem and dark green foliage. Height, four feet from early May planting. Being an October Frost seedling, it has a strong constitution, insuring ease of culture, and is very free of propagation. C. S. A. Certificate. PRICE.—50c each; \$4.00 per ten; \$35.00 per hundred.



### New Pompon

**Minta.**—This we consider the best pompon we have produced. The flower stems are of sufficient length to add grace and beauty to the sprays. Color light pink, the shade of Enchantress Carnation. C. S. A. certificate.

PRICE.—25c each; \$2.00 per ten; \$15.00 per hundred.

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**Purchasers who have not established a credit with us must send CASH with order. Those desiring to open an account will confer a favor by furnishing a BANK reference or mentioning firms from whom they have purchased on time. We make no shipments to unknown purchasers.**

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**Chrysanthemums have been our specialty for many years. We are glad to give advice as to best varieties or cultural instructions to those who require same.**

### New Single

**Red Light.**—This belongs to the large flowering section. Its freedom of bloom and pleasing shade of crimson induce us to offer it to the trade. We consider this the best single red. **PRICE.**—25c each; \$2.00 per ten.

### Exhibition Collection.

In presenting this collection of exhibition varieties we wish to state that by careful comparison we find them unexcelled by the many kinds used for this purpose either as to size, color or finish. We are confident they will rival the best of foreign origin and surpass many that are listed at a much higher price. We are certain there are no culls in the lot and can commend them to those interested in exhibitions. In giving the height of plants the measurements are taken from those propagated in January. With us the earliest buds do not succeed, so growers in more favored localities are safe in retaining them five to ten days earlier than dates here given. This particularly applies to those situated in the eastern states.

**Distribution in strict rotation from January to March.**

**Quantity.**—Five at ten rate.



**Poughkeepsie.**—Japanese incurved creamy white, strong grower, 8 ft., best from bud taken August 10 to 20. As large as Merza, but not so closely incurved. 8½ in. in diameter. First class certificate. **PRICE.**—75c each; \$6.00 per ten.

**The most complete list of Novelties ever offered in this country.**

**We can supply any of the Novelties offered in this country for 1911 at introducers' prices. Should you need others, write us.**

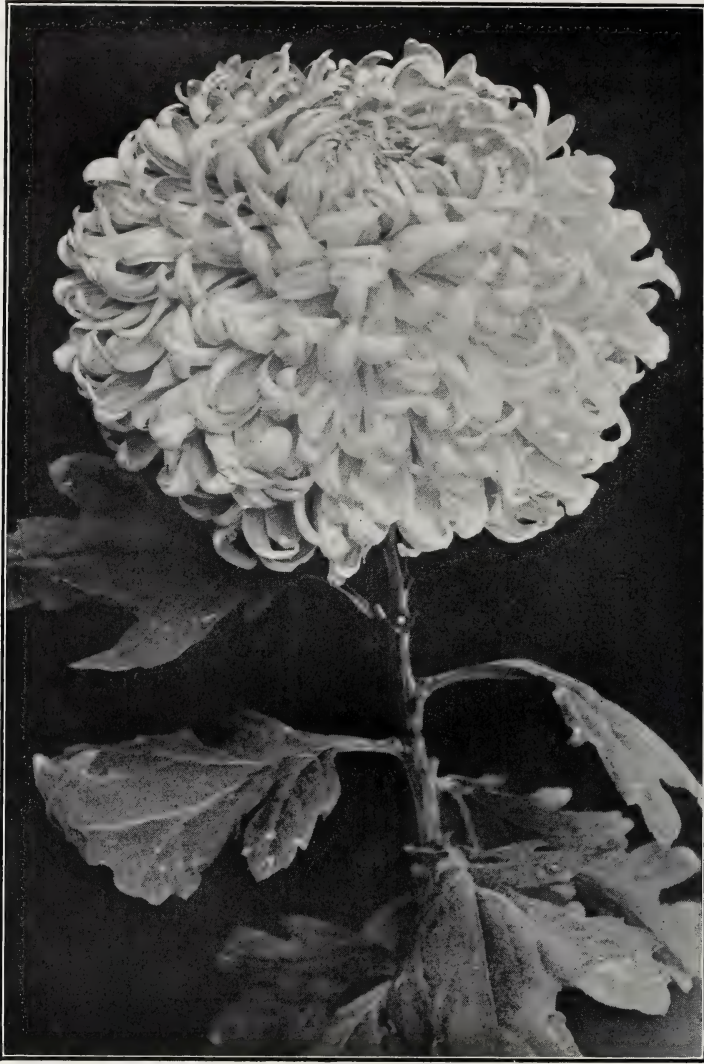


**Glen Cove.**—Japanese, outer petals broad and reflexing, color lavender pink of a very pleasing shade. Growth short jointed, much resembling that of Mrs. Coombes, 5 ft. Owing to the short neck this variety may prove very desirable with the commercial growers. Blooms  $8\frac{1}{2}$  in., best bud Aug. 10 to 20.

PRICE—75c each; \$6.00 per ten.

The past season we submitted to the Chrysanthemum Society's committees fifteen seedlings and were awarded fourteen first-class certificates, the strongest endorsement that can be given new varieties, as these findings are the opinions of expert judges.

For good Commercial Varieties none possess more points of excellence than OUR NOVELTIES, pages 1 to 7 inclusive.



**Lenox.**—An exceptionally large Japanese incurved, inner surface of the petals bright yellow, reverse somewhat lighter, 6 ft. high, best bud August 1 to 10. Blooms 9 in. in diameter ready to cut last of October. Awarded the Dreer prize for best American seedling at Morristown, also first class certificate C. S. A.

PRICE.—75c each; \$6.00 per ten.

All quotations are given for strong plants from  $2\frac{1}{4}$  in. pots, unless otherwise specified. These are forwarded by express unless we have explicit instructions to ship otherwise, or in case of small orders, when mail would be most practical.

We are in receipt of many testimonials complimenting quality of stock, mode of packing and liberal count. Send us a list of your friends interested in Chrysanthemums.





**Morristown.**—Might be briefly described as a beautiful rose colored Mrs. D. V. West. It has the same long reflexing outer petals while the center ones incurve. The color is so clear and pleasing that we feel safe in stating it outrivals any of the exhibition pinks. It is of the largest size, being 9 in. in diameter. It resembles Ben Wells in growth, 6 ft. Early buds imperative. August 1 to 10 we consider best date.

PRICE.—75c each; \$6.00 per ten.

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**We raise more seedlings from carefully hand pollenized seeds than the combined interests of all other concerns in this country. This enables us to be more critical in our selection of superior kinds.**

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**We grow only Chrysanthemums and Asters, and our success in a great measure is due to the fact that these two features have our undivided attention.**



**Tarrytown.**—A beautiful light pink with a slight tinge of salmon. The color is not only clearer but more pleasing than that seen in W. A. Etherington, and the blooms with us are larger. Buds saved August 15th to 25th are most satisfactory. 8 in. in diameter. Growth dwarf 4 ft. **PRICE.**—75c each; \$6.00 per ten.

#### NOVELTIES FROM OTHER DEALERS

For want of space we have omitted the novelties offered by other raisers, but we can supply all of them at the same price as that of the introducer.

In 1890 we sent out our first seedling Chrysanthemum and each subsequent year our Novelties have taken a prominent place in the world's product.

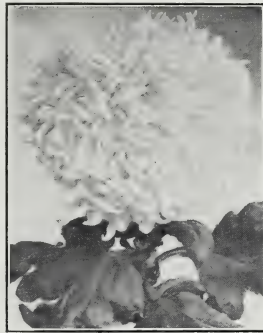
**Remember we allow 5% discount for cash with order.**

# Commercial Section

In arranging this collection, we have mentioned those which are suitable for the commercial grower. Those offered possess commercial qualities in style of growth and are easy to manage. Most of them produce good flowers from late buds. We have also endeavored to give the height of each variety, the best date to reserve bud, also date when fully matured. In giving the height, it must be considered only approximate, as it is impossible to be exact, for much depends upon the size of the plants at planting time and the conditions maintained thereafter. We have ignored the terms, "Crown and Terminal" entirely, believing it immaterial and useless for the grower to burden his mind with such complicated matters. What he wants to know is, the date that gives the best results.



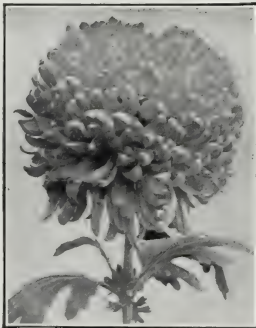
Pacific Supreme



Oroba



Gloria



Comoleta



Golden Glow



Donatello

## Early Varieties

To secure early flowers, it is of the utmost importance they be planted early. Good strong plants from 3 in. pots, benched the last of May, give very satisfactory results, and our estimated heights given these varieties are based on such stock planted at that date. In case the buds are not formed at the date stated, reserve the first that appears thereafter. All the varieties mentioned will mature flowers prior to November 1st, but to be more explicit as to their flowering season, we have indicated those which mature from the latter part of September to the 15th of October with an (E); those coming from October 10th to 25th with an (M); those from October 20th to November 1st, with an (L).

**Price.**—5c each; 40c per ten; \$3.00 per hundred, except where otherwise quoted.

**Quantity.**—Not less than 5 OF A KIND at ten, 25 at hundred rate.

Height	Bud	Mature	
4	S/30	L.	<b>Chas. Razer.</b> —A pure white of special merit. 10c each; 75c per ten; \$5.00 per hundred.
5½	S/20	L.	<b>Clementine Tousez.</b> —A very good early white; slightly tinted pink from late buds.

Height	Bud	Mature	
2½	8/20	E.	<b>Comoleta.</b> —From early buds in perfection Oct. 15th; color, bright yellow. Fine for pot culture. Dwarf. Becoming more popular each year.
3	8/20	M.	<b>Crema.</b> —Light yellow sport from Glory of Pacific. Japanese reflexed.
3	8/20	L.	<b>Donatello.</b> —(New 1910.) Bright yellow, ball shaped of great substance, fine foliage with very wiry stem. Some are discarding Monrovia since trying this variety. 15c each; \$1.20 per ten; \$10.00 per hundred.
3½	8/20	M.	<b>Early Snow.</b> —A pure white, improved Polly Rose.
			<b>Estelle.</b> —(See Syn. Polly Rose).
3½	8/25	M.	<b>Gloria.</b> —A beautiful Enchantress pink. Stem and foliage excellent.
3	8/20	M.	<b>Glory of Pacific.</b> —A good shade of pink when in color.
3½	7/10	E.	<b>Golden Glow.</b> —Golden yellow, good stem and foliage. Flowers may be had from August 15 to October 20 if planted in succession and first bud secured.
2½	8/20	L.	<b>Ivory.</b> —While this variety is not as large as some, it is still a good commercial white, good stem, Dwarf.
3½	8/15	E.	<b>J. K. Shaw.</b> —A beautiful light rose, globular bloom.
4	7/20	E.	<b>Monrovia.</b> —One of the best early yellows, easy to grow, fine stem and foliage; early buds should be secured.
4	8/15	L.	<b>Mrs. Wm. Wincott.</b> (New 1910.)—A fine early pink, possessing the highest commercial qualities. Japanese incurved. 20c each; \$1.60 per ten; \$15.00 per hundred.
4	8/10	M.	<b>October Frost.</b> —This variety requires early planting and early bud. If the early buds are not taken the growth is tall and the flowers come with open centers. Pure white.
3	8/15	M.	<b>Oroba.</b> (New 1910.)—As large as Beatrice May but not quite as white. Can be cut before Ivory, and as the blooms are 8 in. in diameter, is one of the best early whites. Dwarf growth. 15c each; \$1.20 per ten; \$10.00 per hundred.
3½	8/20	M.	<b>Pacific Supreme.</b> —Pink, intermediate between Pacific and Wm. Duckham, and is sufficiently permanent to admit of full development without the bloom fading.
3	8/20	L.	<b>Pink Ivory.</b> —A pink sport from Ivory, and for best color should be grown with abundance of air, and avoid early buds.
3½	8/15	E.	<b>Roserie.</b> —One of the best early pinks, being a clear bright color.
3	8/15	M.	<b>Virginia Poehlmann.</b> —A pure white Japanese incurved. Dwarf. Owing to slowness of propagation, young stock will not be delivered before March 15th. 10c each; 75c per ten; \$5.00 per hundred.
2½	8/20	L.	<b>Yellow Ivory.</b> (New 1910.)—A bright yellow sport from Ivory. 10c each; 75c per ten; \$5.00 per hundred.
4	8/10	M.	<b>Yellow October Frost.</b> (New 1910.)—A yellow sport of the popular early white, identical with it in every way except color. Those who are partial to the original should not fail to try its sport. 15c each; \$1.20 per ten; \$10.00 per hundred.

## Mid-Season Varieties

In giving the height of mid-season varieties, we have based our estimate on good strong plants benched June 15th. In favorable seasons some of the varieties will perfect blooms a few days before November 1st, and as climatic conditions have much to do with flowering season, the figures given must not be considered infallible. Those which flower from October 25th to November 5th are indicated by (E); from November 1st to 10th by (M); after November 10th by (L).

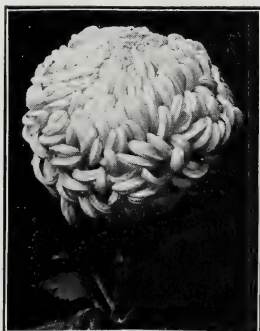
**Price.**—5c each; 40c per ten; \$3.00 per hundred, except where otherwise quoted  
**Quantity.**—Not less than 5 OF A KIND at ten, 25 at hundred rate.

Height	Bud	Mature	
3½	9/5	M.	<b>Amateur Conseil.</b> —A beautiful, velvety red Japanese; fine stem and foliage. 10c each; 60c per ten; \$4.00 per hundred.
5	9/15	M.	<b>Col. D. Appleton.</b> —Still one of the best yellows for commercial and exhibition use.
5	8/20	E.	<b>Crocus.</b> —A pleasing shade of light yellow, fine stem and foliage, at its best the last days of October.
5	8/20	M.	<b>Dakoma.</b> —A bronze of large size and beautiful form. Immediately follows Ongawa. Stem and foliage all that can be desired. 10c each; 40c per ten; \$4.00 per hundred.
3½	8/20	L.	<b>Dolly Dimple.</b> —A fine, large, well-built, yellow variety; strong grower with good foliage. 10c each; 60c per ten; \$4.00 per hundred.
4	9/5	L.	<b>Dr. Enguehard.</b> —Bright rose pink, double from either bud, while those from late buds are somewhat smaller, they are greatly improved in color.
3	8/25	E.	<b>Edmond Albe.</b> (New 1910)—Recommended as a good commercial pink, but with us color is not up to the standard, nice incurved form. 15c each; \$1.20 per ten; \$10.00 per hundred.
3	8/30	L.	<b>Elise Papworth.</b> (New 1910)—Of the purest white, very full and large, with good substance. Stem and foliage leave nothing to be desired. 20c each; \$1.50 per ten; \$12.00 per hundred.
3½	9/15	E.	<b>George W. Childs.</b> —Bright crimson, good for early bloom or bush plants. 10c each; 60c per ten; \$4.00 per hundred.

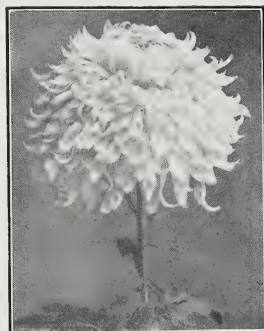
Height	Bud	Mature	
4	9/15	L.	<b>Golden Eagle.</b> —Very intense yellow, wide petals, incurved form, one of the finest. 10c each; 60c per ten; \$4.00 per hundred.
5	9/10	L.	<b>Golden Wedding.</b> —Loosely incurved, bright yellow. 10c each; 60c per ten; \$4.00 per hundred.
2½	8/25	M.	<b>Heston White.</b> —A white sport from Mme. F. Perrin. 10c each; 60c per ten; \$4.00 per hundred.
4	8/10	E.	<b>Indiana.</b> —A white of special merit in perfection with Appleton but more dwarf. Has a creamy tint in the earlier stages of development. Stem and foliage excellent. 10c each; 75c per ten; \$5.00 per hundred.
3	9/5	M.	<b>John Shrimpton.</b> —A fine Japanese, of a velvety crimson color. 10c each; 60c per ten; \$4.00 per hundred.
3	9/5	M.	<b>L'Africane.</b> —Beautiful bright crimson, with reverse chamois; fine stem and foliage. 10c each; 60c per ten; \$4.00 per hundred.
3	8/30	M.	<b>Lynnwood Hall.</b> —Japanese incurved, of perfect form, pure white, stiff stem and beautiful foliage. 10c each; 60c per ten; \$4.00 per hundred.
3	8/15	E.	<b>Merry Jane.</b> —A fine bright yellow, Japanese incurved, strong stem.
4	8/25	M.	<b>Mlle. Margaret Desjouis.</b> —A pure white, with paper-like texture, very large and closely incurved. Fine stem, fair foliage.
3	8/25	M.	<b>Mrs. Wm. Arnold.</b> (New 1910)—A good commercial white, with stiff petals, stem and foliage perfect. 20c each; \$1.60 per ten; \$15.00 per hundred.
5	9/15	M.	<b>Mrs. W. E. Kelley.</b> —A bright yellow Japanese, with fine stem and foliage. 10c each; 75c per ten; \$5.00 per hundred.
3½	9/5	E.	<b>Mrs. H. Robinson.</b> —Incurved white; good for single stem pot plants.
3	9/5	M.	<b>Mrs. Nathan Smith.</b> —Incurved pure white; good for bush plant. 10c each; 80c per ten; \$6.00 per hundred.
3½	9/10	M.	<b>Major Bonnaffon.</b> —A fine yellow, easy of cultivation, and incurved form.
4	9/10	L.	<b>Mayor Weaver.</b> —A bright, pleasing pink; medium size, in perfection second week in November, may be had for Thanksgiving by taking late bud.
3½	8/25	E.	<b>Ongawa.</b> —Color golden amber, easy to grow, fine stem and foliage, of medium height 10c each; 60c per ten; \$4.00 per hundred.



Golden Wedding



Golden Eagle



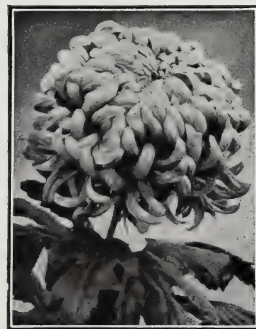
Dolly Dimple



President Roosevelt



President Taft



Ongawa

Height	Bud	Mature	
2½	8/25	L.	<b>Patty.</b> —A beautiful Enchantress pink Japanese, dwarf in habit. This is very fine both in color and habit; does not fade. 10c each; 75c per ten; \$5.00 per hundred.
3	9/5	M.	<b>President Roosevelt.</b> —Very short jointed, requires early planting to secure long stems, beautiful incurved form, stem and foliage ample. Blush with darker center petals. 10c each; 60c per ten; \$4.00 per hundred.
4½	8/30	E.	<b>President Taft.</b> —Japanese incurved, petals of the purest white, which closely incurve, stem and foliage good. 10c each; 60c per ten; \$4.00 per hundred.
4	8/25	L.	<b>R. F. Felton.</b> (New 1910)—Color exceptionally good, very intense yellow. 20c each; \$1.60 per ten; \$15.00 per hundred.
5	9/5	M.	<b>Tim Eaton.</b> —Large incurved white Japanese.
5	9/10	M.	<b>Vivian Morel.</b> —Large reflexed pink.
4½	8/15	E.	<b>White Cloud.</b> —A very large, pure white, rather loose bloom, creamy center, good stem and foliage.
5	9/5	M.	<b>Yellow Eaton.</b> —Large incurved sport, from Tim Eaton.

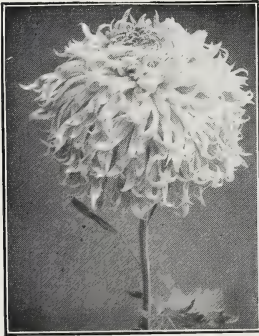
## Late Varieties

Some of the Late Varieties mentioned will perfect flowers by Nov. 10th, if early buds are secured and the season is favorable. This would include such kinds as Mrs. Jones and its sports, Helen Frick and the several Chadwicks. On the other hand they may be retarded by late planting and securing late buds. We have used the same letters to indicate the Early, Intermediate and Late.

**Price—5c. each; 40c. per ten; \$3.00 per hundred, except where otherwise quoted.**

**Quantity.—Not less than 5 OF A KIND at ten, 25 at hundred rate.**

Height	Bud	Mature	
5	8/25	L.	<b>Adonis.</b> (New 1910.)—We find this variety is best adapted to commercial use, being too late for Exhibitions. An exquisite shade of pink and double from late bud. Comes just right for Thanksgiving. 15c each; \$1.20 per ten; \$10.00 per hundred.
5	9/25	M.	<b>Chadwick Improved.</b> —A pure white sport from W. H. Chadwick. Japanese incurved. 10c each; 80c per ten; \$6.00 per hundred.
5	9/5	M.	<b>Golden Chadwick.</b> —Yellow sport from W. H. Chadwick. By planting late may be had for Thanksgiving or later. 10c each; 75c per ten; \$5.00 per hundred.



Adonis



Jeanne Nonin



Nagoya



Helen Frick




Chadwick Improved



Yanoma

3	9/10	L.	<b>Helen Frick.</b> —A fine late dark pink Japanese incurved, stem and foliage good.
6	9/10	E.	<b>Intensity.</b> —Reflexed bright crimson, the best late red. 10c each; 60c per ten; \$4.00 per hundred.
4	10/5	L.	<b>Jeanne Nonin.</b> —Another fine late white, with large incurved blooms. The early buds give rather coarse flowers, and to our mind not as fine in form as from later ones.
3½	9/10	M.	<b>Maud Dean.</b> —Incurved bright pink, with fine stem and foliage.
2½	9/10	M.	<b>Minnie Bailey.</b> —Bright pink ball shaped, excellent for specimen plants.
5	10/5	L.	<b>Millie. Jeanne Rosette.</b> —Delicate shade of pink, in perfection Dec. 5 to 20. Of vigorous growth.
3½	9/15	E.	<b>Mrs. J. Jones.</b> —Incurved white, still a favorite.
4½	9/20	M.	<b>Nagoya.</b> —Bright yellow Japanese, sturdy growth, fine. 10c each; 60c per ten; \$4.00 per hundred.
3½	9/15	E.	<b>Pink Mrs. Jones.</b> —A sport from the old favorite Mrs. J. Jones, beautiful soft shade of pink, Japanese incurved. 10c each; 80c per ten; \$6.00 per hundred.
4	10/5	L.	<b>Venetta.</b> —A late pure white of special merit. May be briefly described as a double Mrs. J. Jones.
3	9/20	M.	<b>W. R. Brock.</b> —An ideal late pink, can be had for Thanksgiving and later. 10c each; 80c per ten; \$6.00 per hundred.
3	9/20	M.	<b>White Bonnafon.</b> —Incurved white; still grown in quantity.
5	9/15	M.	<b>W. H. Chadwick.</b> —Large incurved white, sometimes shaded pink. 10c each; 60c per ten; \$4.00 per hundred.
2½	9/30	L.	<b>White Helen Frick.</b> —A very desirable late white, coming for Thanksgiving and later. Dwarf habit. 10c each; 75c per ten; \$5.00 per hundred.
3	9/10	M.	<b>W. H. Lincoln.</b> —Still a favorite with many, plant late for late flowers. Also suitable for large specimen plants.
3	10/1	L.	<b>Yanoma.</b> —A fine late white, deep reflexed bloom, with good stem and foliage.
3	9/15	E.	<b>Yellow Mrs. Jones.</b> —Yellow sport from Mrs. J. Jones.

 In addition to the foregoing, the following sorts may be used for this purpose. Much depends upon the conditions under which they are grown, and the price received in determining their adaptability to commercial use. At all events an early bud must be secured, otherwise most of them will produce flowers with open centers:

Beatrice May, Cheltoni, Glenview, Morton F. Plant, Miss Clay Frick, Mrs. O. H. Kahn, Mrs. J. C. Neill, Nellie Pockett, Pockett's Crimson, Wm. Duckham, Yellow Miller and Naomah.

## Chrysanthemum Collections

To those desiring a large collection of the choicest varieties at greatly reduced rates, we make the following **Special Offers**. We are confident these collections will please the most fastidious, not only in the selection, but quality of stock. In considering these do not overlook the fact that the Novelties included are not merely so-called Novelties, but those approved by the best growers in this country and abroad.

**No change** made in these collections, and selection of varieties **in all cases must be left to us.**

<b>No. 1.</b>	Ten American Novelties, 1911; 20 Novelties of 1910; 50 Exhibition Varieties 20 Anemone; Pompon, Hairy and Singles—5 of each—100 plants .....	\$10 00
<b>No. 2.</b>	Five American Novelties, 1911; 15 Novelties of 1910; 30 Exhibition Varieties 50 plants .....	5 00
<b>No. 3.</b>	Five American Novelties, 1911; 20 Novelties, 1910 .....	3 00
<b>No. 4.</b>	Forty Best Exhibition Varieties .....	3 00
<b>No. 5.</b>	Twenty Best Exhibition Varieties .....	2 00
<b>No. 6.</b>	Twelve Best Exhibition Varieties .....	1 00
<b>No. 7.</b>	Twelve Best Varieties Pompons .....	50
<b>No. 8.</b>	Twelve Best Varieties Singles .....	50
<b>No. 9.</b>	Twelve Best Varieties Anemones .....	50

## Exhibition Varieties

In selecting the most suitable for exhibition purposes, we have given size and finish first consideration.

We are aware, some of the best blooms are produced from buds taken August 5th, but throughout the Middle West buds of most varieties, taken prior to August 15th, suffer from excessive heat and lack of moisture, and for this reason we secure our best results from those taken August 15th to 30th. Each grower must be governed by the conditions in his immediate locality, and may find it advantageous to take them earlier than dates given.

In determining the height, those which do not exceed 4 ft. are designated as Dwarf; those which do not exceed 6 ft. as Semi-Dwarf; and those growing taller as Tall. These deductions are only approximate and from stock propagated in February.

**Quantity.**—Owing to the fact that exhibition varieties are purchased in very limited numbers, we do not offer by the hundred, but will be pleased to quote a Special Price to those desiring 25 plants or more OF A KIND.

### Best Bud

- 8/5 **Alice Lemon.** (New 1910)—A soft shade of pink and of the largest size. Very early bud is imperative, otherwise it is single. Dwarf. 30c each; \$2.50 per ten.
- Annie Laurie.**—Deep pink, unsurpassed for large specimen plants. 10c each; 60c per ten.
- 8/20 **Australia.**—Light rosy amaranth, with soft silvery reverse. Tall. 10c each; 60c per ten.
- 8/5 **Beatrice May.**—From early buds are secured large incurved white blooms, which come rather early for most of the shows. The late buds produce flowers with decided pink cast. Dwarf. 10c each; 60c per ten.
- 8/15 **Beauty of St. Kilda.**—Rosy Amber, reverse of petals silver. A perfect flower for exhibitions. Dwarf. 10c each; 60c per ten.
- 8/10 **Beecham Keeling.** (New 1910)—Large bronze, petals edged with yellow; one of the largest. Dwarf. 20c each; \$1.50 per ten.
- 8/10 **Ben Wells.**—One of the largest exhibition whites. Dwarf. 10c each; 60c per ten.
- 8/30 **Bessie Evans.**—A delicate light pink. A deep bloom with fine stem and foliage. Tall. 10c each; 60c per ten.
- 8/25 **Black Hawk.**—Dark crimson scarlet, exceptionally fine color. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **Brighthurst.**—Pink, slightly shading to cream. Semi-dwarf. Japanese. 10c each; 60c per ten.
- Brutus.**—Beautiful shade of bronze, most useful as a specimen plant. 10c each; 60c per ten.
- 8/20 **Buff Globe.**—A sport from Good Gracious; buff, shaded orange. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **Cheltoni.**—A yellow sport from Nellie Pockett. Dwarf. 10c each; 60c per ten.
- 8/20 **Chrysanthemist Montigny.**—A large Japanese incurved; light sulphur yellow. Tall. 10c each; 60c per ten.
- 8/15 **Clara Wells.**—A true incurved of large size, very light yellow and of most perfect form. Dwarf. 10c each; 60c per ten.
- 8/10 **Commandant Mathiew.**—A yellow Japanese reflexed, petals rather narrow, fine dark green foliage. Dwarf. 10c each; 60c per ten.
- 8/10 **C. J. Salter.**—Growth rather dwarf; large incurved light yellow. 10c each; 60c per ten.
- 8/10 **Chas. H. Totty.**—Chestnut, with old gold reverse; an easy grower and of large size. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **Ethel Fitzroy.**—Japanese incurved apricot orange, shaded red. Semi-dwarf. 10c each; 60c per ten.
- 8/5 **Ella Ainsley.** (New 1910)—Deep crimson, broad florets of great substance. Semi-dwarf. 20c each; \$1.50 per ten.
- 8/20 **Frank Payne.**—Blush with faint tinge of mauve on edge of florets, reflexed with ends of petals hooked. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **F. S. Vallis.**—A very large yellow, desirable for collections on short stems. Semi-dwarf. 10c each; 60c per ten.
- 8/5 **Geo. J. Bruzard.** (New 1910)—Wine red, broad florets. One of the largest for collections. Semi-dwarf. 20c each; \$1.50 per ten.
- 8/10 **Geo. Mileham.**—An early bronze yellow. Dwarf. 10c each; 60c per ten.
- 8/20 **Geo. W. Pook.**—Salmon terra cotta, with wide petals which incurve at tips, forming an oval bloom. Dwarf. 10c each; 60c per ten.
- 8/15 **Gladys Blackburn.** (New 1910)—Growth dwarf but strong, producing a very large reflexed bloom, color primrose. Dwarf. 20c each; \$1.60 per ten.
- 8/30 **Glenview.**—The large Japanese blooms are dark bronze, sometimes showing a little of the Indian red lining. Is also a good commercial bronze, giving double flowers from late buds. Strong grower, easy to manage. Tall. 10c each; 60c per ten.
- Golden Age.**—Brightest yellow, excellent for specimen plants, and is becoming more popular each year for this purpose. 10c each; 60c per ten.
- 8/25 **Goldmine.**—Large Japanese bloom, with whorled center, richest of golden yellow, outer petals reflex. Dwarf. 10c each; 60c per ten.
- 8/25 **Grand Ocean.**—A handsome yellow, closely incurved bloom, compact growth, foliage heavy. Dwarf. 10c each; 60c per ten.





Beatrice May



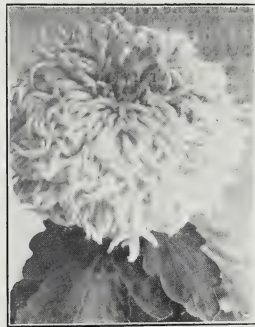
Keith Luxford



Chrysanthemiste Montigny



Hamilton



Gladys Blackburn



Beecham Keeling



Ben Wells



Kitty Lawrence



C. J. Salter



Bessie Evans



Geo. W. Pook



Harold Wells

## Best Bud

- 8/25 **Guy Hamilton**.—One of the largest whites when well grown; narrow, tubular, reflexing petals. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **Hamilton**.—A fine, large bloom; color beautiful, clear, silvery pink; center incurved, outer petals reflexed. Dwarf. 10c each; 60c per ten.
- 8/25 **Harold Wells**.—A large, pure white reflexed bloom, with heavy stem and foliage. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **Hetty Wells**. (New 1910)—Old gold shaded bronze, large, of the true exhibition type. Semi-dwarf. 20c each; \$1.50 per ten.
- 8/5 **Hon. Mrs. Lopes**. (New 1910)—Very large yellow, but like many of the importations, an early bud is important to secure double flowers. Dwarf. 20c each; \$1.50 per ten.
- 8/5 **James Threlfall**. (New 1910)—Crimson, bronze reverse; in form resembles Duchess of Southerland, large and of fine form. Semi-dwarf. 20c each; \$1.50 per ten.
- 8/10 **J. Lock**. (New 1910)—Bright yellow streaked red, broad and long florets, blooms extra large. Dwarf. 20c each; \$1.60 per ten.
- 8/5 **J. W. Molyneux**. (New 1910)—A large bright crimson, of a pure tone; one of the finest yet introduced. Dwarf. 20c each; \$1.50 per ten.
- 8/15 **Keith Luxford**. (New 1910).—Dark wine red, not the largest (about 7 in.) but its sturdy stem and smooth reflexed bloom make it desirable for exhibitions. Semi-dwarf. 20c each; \$1.60 per ten.
- 8/20 **Kitty Lawrence**.—A delicate fawn color; long petals which curl and interlace, forming a very attractive bloom. Tall. 10c each; 60c per ten.
- 8/15 **Lady Hopetoun**.—Light pink; a large fine formed bloom. Dwarf. 10c each; 60c per ten.
- 8/15 **Lady Edward Letchworth**. (New 1910).—Japanese incurved, with broad florets. Bright golden yellow, with reverse lighter. Dwarf. 20c each; \$1.50 per ten.
- 8/25 **Lanona**.—Pure white; center tinted rose, Japanese incurved, good for early exhibitions. Dwarf. 10c each; 60c per ten.
- 8/10 **Leigh Park Wonder**.—A large bold flower, deep crimson, sometimes slightly penciled with yellow. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **Leslie Morrison**.—Rosy crimson, with broad thick florets. Its dark green foliage makes it very attractive. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **Leon Truelle**.—Pure white, and may be described as a double Silver Wedding. Tall. 10c each; 60c per ten.
- 8/30 **Lillian B. Bird**.—Long quilled petals of a pleasing shade of flesh pink, not really large enough for exhibitions, but fine for those interested in oddities. Tall. 10c each; 60c per ten.
- 8/15 **Mary Donellan**.—An exquisite Japanese incurved, broad petals of great substance, brightest yellow with reverse of the same shade. Tall. 10c each; 60c per ten.
- 8/15 **Mary Mason**.—Rosy bronze with lighter reverse, outer petals reflex, while the center ones incurve, showing the reverse. Dwarf. 10c each; 60c per ten.
- 8/25 **Mary Ann Pockett**.—A beautiful Indian red, with bronze reverse. Stem and foliage perfect. Dwarf. 10c each; 60c per ten.
- 8/15 **Marquis Visconti Venosta**.—Beautiful bright pink, Japanese incurved, fine for exhibitions. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **Merstharn Blush**.—A delicate shade of blush. Large. Semi-dwarf. 10c each; 60c per ten.
- 8/20 **Merza**.—A fine white for exhibitions, inclined to wilt unless cut into the green wood and placed in water for a few days. Dwarf. 10c each; 60c per ten.
- 8/15 **Morton F. Plant**.—An irregular Japanese, mauve pink, outer petals reflexing. Tall. 10c each; 60c per ten.
- 8/15 **M. Paul Randet**.—Japanese, of irregular globular form. Creamy white, passing to pure white at maturity. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **M. Loiseau Rousseau**.—Large incurving pink, in two tones of color, fine stem and foliage. Exceedingly large and bold, should be in every collection. Tall. 10c each; 60c per ten.
- 8/15 **Miss Clay Frick**.—White sport from Wm. Duckham, possessing the same good qualities. Free to grow and easy to manage. Dwarf. 10c each; 60c per ten.
- 8/25 **Miss Mariam Hankey**.—Mauve pink, Japanese incurved, is inclined to come rather late. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **Miss May Seddon**.—A large Japanese of purest white. Flat spreading flower, plant early for best results. Dwarf. 10c each; 60c per ten.
- 8/15 **Mme. Carnot**.—Japanese, of purest white, outer petals are long quills and toothed at ends. Tall. 10c each; 60c per ten.
- 8/15 **Mme. R. O'Berthur**.—Large blooms, pure white, reflexing gracefully and hooked at tips. Tall. 10c each; 60c per ten.
- 8/20 **Mrs. F. G. Coster**.—Rich apricot, with orange center; good stem and foliage. Dwarf. 10c each; 60c per ten.
- 8/15 **Mrs. Norman Davis**.—A pure white of large size. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **Mrs. Wm. Duckham**.—Large Japanese reflexed. One of the best exhibition yellows. Dwarf. 10c each; 60c per ten.
- 8/15 **Mrs. J. E. Dunne**.—Salmon terra-cotta, Japanese, good color and very effective. Tall. 10c each; 60c per ten;
- 8/10 **Mrs. George Hunt**.—Large soft yellow Japanese incurved. A grand exhibition variety of dwarf robust growth. 10c each; 60c per ten.
- 8/20 **Mrs. Walter Jinks**.—A reflexed violet amaranth, color very distinct. Semi-dwarf. 10c each; 60c per ten.



Mrs. Geo. Hunt



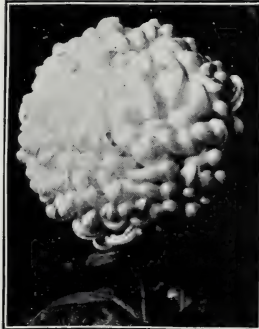
Mrs. H. Stevens



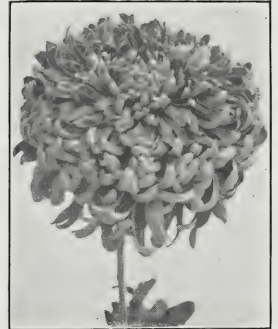
Merza



Lanona



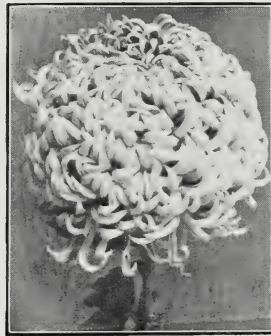
Mary Donellan



Mary Ann Pockett



Mrs. J. C. Neill



M. Loiseau Rousseau



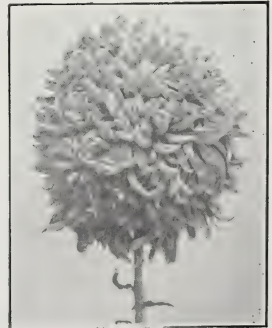
Lady Hopetoun



Morton F. Plant



Leigh Park Wonder



Mrs. J. E. Dunne

## Best Bud

- 8/25 **Mrs. O. H. Kahn.**—A fine bronze. Should not be overlooked by commercial growers desiring a good bronze. Dwarf. 10c each; 60c per ten.
- 8/20 **Mrs. J. A. Miller.**—A large, high-built Japanese; reddish bronze. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **Mrs. J. C. Neill.**—A soft canary yellow; fine incurved form; of easy culture and one of the best. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **Mrs. H. Partridge.**—Crimson with bronze reverse. Dwarf. 10c each; 60c per ten.
- 8/10 **Mrs. R. Hooper Pearson.**—A large bright yellow; slightly suffused bronze. Long petals hooked at tips. Tall. 10c each; 60c per ten.
- 8/25 **Mrs. T. W. Pockett.**—A large, reflexing light yellow. Dwarf. 10c each; 60c per ten.
- 8/15 **Mrs. H. Stevens.** (New 1910)—A large golden bronze, fine form and perfect finish. Dwarf. 20c each; \$1.60 per ten.
- 8/15 **Mrs. David Syme.** (New 1910)—The purest white and of the largest size, shown in fine form the past season. Dwarf. 50c each; \$4.00 per ten.
- 8/25 **Mrs. Chas. H. Totty.**—Very large, of a beautiful shade of light pink. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **Mrs. J. Wells.**—Rosy purple. A beautifully formed flower of the reflexed class; excellent stem and foliage. Dwarf. 10c each; 60c per ten.
- 8/15 **Mrs. D. V. West.**—White, with broad florets that twist and curl into a beautiful bloom. Tall. 10c each; 60c per ten.
- 8/15 **Naceur-Bey.**—Yellow, with distinct stripes of red. Japanese, with slightly irregular but incurving form. Tall. 10c each; 60c per ten.
- 8/20 **Naomah.** (New 1910)—Large Japanese incurved, pure white. Its beautiful form and fine finish brought forth the most favorable comments at last fall's shows. It is a question if Merza can hold its exalted position since the advent of Naomah. Tall. 25c each; \$2.00 per ten.
- 8/10 **Nellie Pockett.**—Irregular incurved Japanese, narrow twisted petals, creamy white, first bud. Dwarf. 10c each; 60c per ten.
- 8/20 **O. H. Broomhead.**—A large bloom, with long broad reflexing petals; color rose-pink. Dwarf. 10c each; 60c per ten.
- 8/10 **Onunda.** (New 1910)—Creamy white, one of the largest of this section. Dwarf. 50c each; \$4.00 per ten.
- 8/10 **Pockett's Crimson.**—Crimson, with gold at tips of petals, which stand out, showing the color to good advantage. Of great substance and the largest crimson. Dwarf. 10c each; 60c per ten.
- 8/25 **Pockett's Surprise.**—Rosy crimson, with cinnamon bronze reverse, long broad florets, Japanese incurved, foliage heavy and good stem. Semi-dwarf. 10c each; 60c per ten.
- 8/10 **President Loubet.**—Cream white, from late buds; the flowers are single and of little value, but from early bud they produce remarkable blooms. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **Randee.** (New 1910)—A ball-shaped Japanese. The early buds come pure white, and the later ones are shaded pink. Petals toothed at the extremities and rather irregular in their arrangement. Dwarf. 25c each; \$2.00 per ten.
- 8/25 **Reginald Vallis.**—A large Japanese, plum color with lighter reverse. Can be grown to enormous size with excellent finish. Tall. 10c each; 60c per ten.
- 8/25 **Rosemawr.**—Rosy lilac Japanese incurved, with light silvery reverse. Stem and foliage fine. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **Rose Pockett.**—Light shade of yellow, with an occasional tint of bronze. The wide petals incurve at the center and the outer ones reflex. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **Sapho.**—Beautiful rosy lilac, with lighter glistening reverse. Japanese incurved. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **Sisowath.**—Bright yellow, Japanese reflexed, long petals. 10c each; 60c per ten.
- 8/25 **Souv de la Comtesse Reille.**—Large bloom, with long, drooping, twisting petals of rosy amethyst, with silvery reverse. Tall. 10c each; 60c per ten.
- 8/5 **Splendor.**—Orange bronze, with reverse of crimson red. Fine stem and foliage. Japanese incurved. Semi-dwarf. 10c each; 60c per ten.
- 8/25 **T. Carrington.**—Growth vigorous, amaranth, large. Owing to its distinct color, is unrivaled for classes calling for any other color than white, pink, yellow, etc. Semi-dwarf. 10c each; 60c per ten.
- 8/30 **T. Humphrey.**—Reflexed crimson, extra fine. Tall. 10c each; 60c per ten.
- 8/15 **Wm. Duckham.**—Beautiful light pink, Japanese incurved. Owing to its freedom of growth, pleasing color and sturdy stem, is deservedly popular. Dwarf. 10c each; 60c per ten.
- 8/25 **W. A. Etherington.**—Light pink shaded salmon, loosely incurved Japanese. Semi-dwarf. 10c each; 60c per ten.
- 8/15 **W. J. Higgs.** (New 1910)—Of the true incurved type, mahogany bronze. Dwarf. 20c each; \$1.60 per ten.
- 8/10 **W. M. Noir.**—This variety requires early bud to produce large double blooms. Is of the purest white, and incurved. Tall. 10c each; 60c per ten.
- 8/15 **W. Wells.** Pure white, irregularly reflexed. Dwarf. 10c each; 60c per ten.
- 8/15 **Wells' Late Pink.** (New 1910)—A very pleasing shade of pink and of the largest size, not late as the name implies. Dwarf. 20c each; \$1.60 per ten.
- 8/10 **W. Woodmason.** (New 1910)—The largest red, not as bright in color as many of the crimsons, but its large size enhances its value. Dwarf. \$1.00 each; \$7.50 per ten.
- 8/15 **W. Pease.** (New 1910)—Rosy cerise, excellent for exhibitions. One of the very largest. Dwarf. 20c each; \$1.60 per ten.
- 8/20 **Yellow Miller.**—A clear, light yellow; sport of Mrs. J. A. Miller. Foliage and stem good. Semi-dwarf. 10c each; 60c per ten.



W. Mease



Mrs. D. V. West



O. H. Broomhead



Rose Pockett



Mrs. C. H. Totty



Mrs. O. H. Kahn



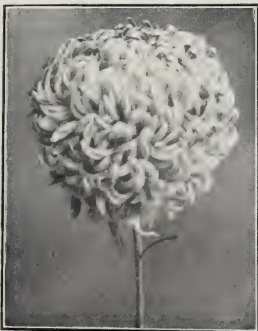
Mrs. J. Wells



Naomah



Reginald Vallis



Naceur Bey



Yellow Miller



Pockett's Crimson

### Exhibition Varieties

NOTE.—There are a few varieties listed under the Commercial Section which may also be used to advantage at exhibitions, especially when the schedule calls for large vases of twenty-five or more blooms. When grown for this purpose they should have ample space on the benches and given generous treatment. They are as follows: Col. D. Appleton, Crocus, Dakoma, Dr. Enguehard, Golden Wedding, Lynnwood Hall, Mrs. W. E. Kelley, Major Bonnaffon, Ongawa, President Roosevelt, President Taft, Tim Eaton, Yellow Eaton, Chadwick Improved, Golden Chadwick, Golden Eagle, Dolly Dimple, W. R. Brock, Adonis Oroba, Elise Papworth.

### Hairy Varieties.

These curious and unique flowers, with their petals covered with frost-like hairs, are always of great interest to visitors. They should be represented in all collections, where friends or the public have access. They are not adapted to commercial use, and not of sufficient size to become prominent features on the show table, unless the schedule provides for this specific type.

**Price.**—10c each; 60c per ten; \$4.00 per hundred, unless otherwise quoted.

**Quantity.**—Not less than 5 OF A KIND at ten, 25 at hundred rate.

**Beauty of Truro.**—A purplish bronze sport from Louis Boehmer.

**F. J. Taggart.**—Very large, perfectly double flower; pure yellow.

**Frison d'Or.**—An incurved bloom of reddish bronze, with markings of yellow.

**Golden Hair.**—Bright chrome yellow suffused with amber.

**L'Enfant des deaux Mondes.**—Pure white sport from Louis Boehmer.

**Leocadie Gentils.**—Bright yellow sport from Louis Boehmer.

**Louis Boehmer.**—Magenta pink. This and its sports are excellent for bush culture.

**Mrs. A. Hardy.**—Pure white, a perfect ball, covered with long white hair.

**Peluche Orleanaise.**—Delicate rosy lilac, with silvery rose reverse, Japanese incurved. 25c each; \$2.00 per ten.

**White Swan.**—A closely incurved, pure white flower, very heavily plumed.

### Anemones

The Anemone flowers consist of one or more rows of flat or tubular ray florets, with shorter quilled or tubular disc florets of the same or a distinct color, are being grown in sprays for artistic floral arrangements. For specimen blooms those marked large flowering are best, and resort to disbudding to increase the size.

**Price.**—10c each; 60c per ten; \$4.00 per hundred, unless otherwise quoted.

**Quantity.**—Not less than 5 OF A KIND at ten; 25 at hundred rate.

**Ada Sweet.**—Silvery pink, medium sized flower, petals mostly quilled, fine for pots.

**Beatrice Asmus.**—Beautiful pure white, petals flat and substantial.

**Bessie Flight.**—Bright rose pink, center full. A sport from Mme. Montels.

**Briolas.**—Soft rose blush, an exquisite variety.

**Garza.**—Purest white, with yellow center, medium size, rays broad.

**Gertrude Wilson.**—Medium sized flower, yellow, one row of flat petals, large deep yellow center.

**Hans Griesser.**—Pink, quilled petals, center yellow and bronze; profuse bloomer.

**La Paloma.** (New 1910.)—Pure white, disc very perfect, exceedingly free and makes beautiful sprays. 15c each; \$1.20 per ten.

**Lida Thomas.**—Small flower, two rows of flat petals, center delicate yellow.

**Miss Katherine Simmons.**—Soft pink, one row of quilled petals loosely arranged; yellow center.

**Mrs. F. Gorden Dexter.**—This flower is composed of a double row of white rays, while the center is deep rose pink, shaded with red, large flowering.

**Mrs. August Knab.**—Creamy white, with large honey-combed center.

**Mrs. Ida Kroeschell.**—Light yellow, quilled petals, loosely arranged; large center of deeper yellow.

**Mrs. Edward F. Swift.**—A delicate shade of pale lavender, center very large, early.

**Mrs. Jacob Wellauer.**—Beautiful lilac color; flat petals, large honey-combed center.

**Satisfactio.**—Chrome yellow, suffused old gold; center florets long trumpet shaped, large flowering.

**Surprise.**—A pleasing shade of rose pink, with high rounded center, large flowering.

**Vayenne.** (New 1910.)—Rays dark mauve, disc very perfect in form, of a lighter shade, free and robust. 15c each; \$1.20 per ten.

## Pompons

Pompons are becoming more popular year by year, being especially desirable for pot plants, and lend a distinctive grace and beauty to floral decorations of all kinds.

**Price.**—5c each; 40c per ten; \$3.00 per hundred, unless otherwise quoted.

**Quantity.**—Not less than 5 OF A KIND at ten, 25 at hundred rate.

**Acto.**—Incurving bright rose, with lighter reverse, extra good.

**Alma.**—A very free growing large flowered variety; clear soft lavender pink.

**Baby.**—Clear bright yellow; very late.

**Clorinda.** (New 1910.)—Semi-dwarf, producing erect sprays of an even shade of bronze. 15c each; \$1.20 per ten.

**Delicatissima.**—Lower petals light pink; center deep wine.

**Diana.**—A fine pure white.

**Ila.**—Bright yellow, small flowers; fimbriated petals.

**Itza.**—Soft yellow center, shading to rosy bronze towards edge, large.

**Iva.**—Pure amber; fimbriated petals, medium size.

**Julia Lagravere.**—Deep red, best of its color. Late.

**Kent.**—Dwarf; pure yellow; early.

**Klondike.**—Brilliant yellow, compact bloom of medium size.

**La Purete.**—A beautiful pure white.

**Lula.**—Pure snow white of medium size. Late.

**Nio.**—Soft pink and white at center.

**Nita.**—Beautiful rose pink.

**Skibo.**—Golden chamois; flowers small.

**Zenobia.**—Bright clear yellow. Early.

## Singles

This section comprises the best varieties for cut sprays and are also useful for specimen plants. Those listed below we consider best and have specified same.

**Price.**—10c each; 60c per ten; \$4.00 per hundred, unless otherwise quoted.

**Quantity.**—Not less than five OF A KIND at ten, 25 at hundred rate.

**Anna.**—Pure white, belongs to the true single section, having but one row of petals. Fine for pot plants.

**Arlee.** (New 1910)—A rich, golden amber, of dwarf sturdy growth, excellent either as a pot plant or for cutting. Large flowering. 15c each; \$1.20 per ten.

**Bishop Henninghaus.**—Petals tubular opening at extremities. Red, tubes deep cream.

**Catherine Livingston.** (New 1910)—A pleasing shade of lavender pink, strong growth, producing fine sprays. Large flowering. 15c each; \$1.20 per ten.

**Golden Chain.**—(See Syn. Indicum.)

**Indicum.**—(Golden Chain.)

**Itaska.** (New 1910)—The incurving petals give the flowers the appearance of pond lilies, and are a most pleasing shade of pink. 15c each; \$1.20 per ten.

**Katie Covell.**—Maroon; stiff, erect petals.

**Lady Clinton.** (New 1910)—Pure glistening white, large fine sprays. 15c each; \$1.20 per ten.

**Lady Lu.**—Purest white, good for all purposes.

**Lillie Godfrey.** (New 1910)—Medium size, soft rosy lavender. 15c each; \$1.20 per ten.

**Little Barbee.** (New 1910)—Clear, canary yellow, exceptionally large sprays of medium sized flowers. This we consider the best yellow either for cutting or pot culture. 15c each; \$1.20 per ten.

**Merstham Jewell.** (New 1910)—Terra cotta, with golden points and center. 15c each; \$1.20 per ten.

**Minnesota.**—A very striking blood red, 2½ in. across, long slender stem, best red for general use.

**Miss Dorothy Deneen.**—Silvery pink, very prolific bloomer, petals half way quilled.

**Miss Ella Uihlein.**—Pink, quilled petals, medium sized flower, on long, slender stems.

**Mrs. Alice Brownson Huston.**—Daybreak pink, quilled in center, very fine.

**Mrs. J. A. Peterson.**—White, medium sized flower with petals half way quilled. Quilled part of petals delicate pink.

**Mrs. T. Edward Wilder.**—Large, well-built flower of a delicate daybreak color; petals quilled in center.

**Peter Pan.** (New 1910)—Golden bronze of a pleasing color and very free flowering. 15c each; \$1.20 per ten.

**Reginald Godfrey.** (New 1910)—Rich yellow, October flowering, fine sprays. 15c each; \$1.20 per ten.

**Sylvia Sløde.** (New 1910)—Rosy garnet, with white ring around disc, distinct and good, one of the best 15c each; \$1.20 per ten.

## Hardy Varieties

Many chrysanthemums are hardy as far as the plant is concerned, but are of little value for flowering out of doors, as their buds are blackened by frost. The varieties offered below generally flower from the last of August to the 15th of October.

Orders for these varieties will not be delivered until April or later.

**Price.**—10c each; 80c per ten; unless otherwise quoted.

**Quantity.**—Not less than five OF A KIND at ten rate.

**Aquitaine.**—Bright glistening gold tinted rose; reflexed.

**Annamite.**—Large light yellow, tinted darker.

**Bretagne.**—A clear rose to the center.

**Eden.**—Bright rose, a beauty disbudded.

**Hermine.**—A pure white, reflexed.

**Le Cygne.**—Purest white, has long, stiff stems; one of the best.

**Lillie.**—Pearl pink, reflexed.

**Mireille.**—A light pink, reflexed.

**Normandie.**—A reflexed delicate rose color.

**Tapis de Neige.**—Pure white flat flowers in great profusion, earliest of all.

**Tapis d'Or.**—Brilliant golden yellow; very prolific bloomer.

## Chrysanthemums for Special Purposes

### Specimen Plants

Where large specimens are required, they should be started in January or February. Medium sized plants can be produced from cuttings struck in March, and for those who desire to grow small sizes for market trade, this work may be continued until the middle of June. The frequent stopping or nipping the ends of the growth to produce symmetrical plants of required size, is the most important function. Later in the season the providing of suitable supports and tying the plants thereto will require attention. Herewith we append a list of varieties most suitable for this purpose, and have divided them into two sections, those which may be grown to considerable height and diameter, and such as are naturally dwarf and compact.

#### Large Specimens

Golden Age  
Wm. Duckham  
Crocus  
T. Carrington

Annie Laurie  
Elise Papworth  
Miss Clay Frick  
Dr. Enguehard

Brutus  
Geo. W. Childs  
Chrysolora  
Ongawa

#### Small Specimens

Pink Ivory  
President Roosevelt  
Garza

Ivory  
Donatella  
W. R. Brock  
Golden Eagle

Beatrice May  
Dick Witterstaetter  
L'Africane

#### Singles

Anna  
Minnesota  
Arlee

Catherine Livingstone  
Ladysmith  
Peter Pan  
Katie Covell

Itaska  
Lady Lu  
Little Barbee

### Commercial Varieties

The varieties best suited for the Florist appear under the heading of Commercial Section, page 13, and have appended a few from the Exhibition Section, which may, under favorable conditions, be used for this purpose. See note, page 17.

### Exhibition Varieties

Those best suited for the Exhibition appear on page 18. To these we have appended a few from the Commercial list, which, under generous treatment, may be utilized especially for large vases where long stems are required. See note, page 24.

### All Saints Day

Owing to the great demand for flowers on All Saints Day (November 1st), we are prompted to make a few suggestions to those interested in this event. The varieties which mature late in October are most serviceable, and in addition to those under Early Commercial Section the following are well adapted for this purpose: Crocus, Geo. W. Childs, Mrs. H. Robinson, White Cloud, Ongawa and President Taft.



## Rooted Cuttings

These prices will prevail until May 1st, when they will be revised, reducing those where the stock and demand will permit. Quantity, not less than 25 at hundred, 250 at thousand rates. Smaller quantities are sold at same rates as plants from pots.

### Early

	Per 100	Per 1000		Per 100	Per 1000
Clementine Tousez	\$2 50	\$20 00	Monrovia	\$2 50	\$20 00
Comoleta	3 00	25 00	October Frost	2 50	20 00
Cremo	2 50	20 00	Oroba	8 00	
Donatello	8 00		Pacific Supreme	2 50	20 00
Early Snow	2 50	20 00	Pink Ivory	2 50	20 00
Gloria	3 00	25 00	Roserie	2 50	20 00
Glory of Pacific	2 50	20 00	Virginia Poehlmann	4 00	35 00
Golden Glow	2 50	20 00	Yellow Ivory	4 00	
Ivory	2 50	20 00	Yellow October Frost	8 00	70 00
J. K. Shaw	2 50	20 00			

### Midseason

	Per 100	Per 1000		Per 100	Per 1000
Col. D. Appleton	\$2 50	\$20 00	Mlle. Margaret Desjouis	\$2 50	\$20 00
Crocus	2 50	20 00	Mrs. O. H. Kahn	3 00	25 00
Dakoma	3 00		Mrs. W. E. Kelley	4 00	35 00
Dolly Dimple	4 00		Mrs. H. Robinson	2 50	20 00
Dr. Enguehard	2 50	20 00	Major Bonnaffon	2 50	20 00
Edmond Albe	8 00		Mayor Weaver	2 50	
Elise Papworth	10 00		Patty	4 00	
Geo. W. Childs	3 00		Pockett's Crimson	3 00	25 00
Golden Eagle	3 50	30 00	President Roosevelt	3 50	30 00
Golden Wedding	3 50	30 00	President Taft	3 50	30 00
Heston White	3 50		Tim Eaton	2 50	20 00
Indiana	4 00	35 00	Vivand Morel	2 50	20 00
L'Africane	3 50		White Cloud	2 50	20 00
Lynnwood Hall	3 50	30 00	Wm. Duckham	3 00	25 00
Merry Jane	2 50		Yellow Eaton	2 50	20 00
Miss Clay Frick	3 00	25 00	Yellow Miller	3 00	25 00

### Late

	Per 100	Per 1000		Per 100	Per 1000
Adonis	\$8 00	\$70 00	Nagoya	\$3 50	\$30 00
Chadwick Improved	5 00	45 00	Pink Mrs. Jones	5 00	
Golden Chadwick	3 50	30 00	Venetta	2 50	20 00
Helen Frick	2 50	20 00	W. R. Brock	5 00	
Intensity	3 00	25 00	White Bonnaffon	2 50	20 00
Jeanne Nonin	2 50	20 00	W. H. Chadwick	3 00	25 00
Maud Dean	2 50	20 00	White Helen Frick	4 00	35 00
Minnie Bailey	2 50	20 00	Yanoma	2 50	20 00
Mlle. Jeanne Rosette	2 50	20 00	Yellow Mrs. Jones	2 50	20 00
Mrs. J. Jones	2 50	20 00			

Rooted Cuttings of the Anemones, Pompons and Singles will be furnished as follows:

Those quoted at \$3.00 for plants will be supplied at \$2.50 per Hundred.

Those quoted at \$4.00 for plants will be supplied at \$3.50 per Hundred.

Those quoted at \$6.00 for plants will be supplied at \$5.00 per Hundred.

Novelties and scarce sorts are sold as plants only.

Those desiring rooted cuttings of the exhibition varieties will be quoted on receipt of list of requirements.

## Express Rates

Plants completely boxed or crated enjoy a special rate. Chrysanthemums grown in 2½ in. pots weigh about ½ pound each, or 300 plants (approximately) will weigh 100 lbs., including the box. Pound rate applies in all cases where the weight is sufficient to make the minimum charge 35c or over, but no shipment is transported for less than 35c for each company handling. From the figures given below it will be seen that:

10 lbs., 30 Plants, from Adrian to Denver would cost 44c.

15 lbs., 45 Plants, from Adrian to New Orleans would cost 41c.

20 lbs., 60 plants, from Adrian to Boston would cost 35c.

Plant rate on 100 lbs. to Boston, Mass., New York, N. Y.	\$1 75 per hundred
Plant rate on 100 lbs. to Philadelphia, Pa., Baltimore, Md., St. Louis, Mo.	1 50 per hundred
Plant rate on 100 lbs. to Denver, Colo.	4 40 per hundred
Plant rate on 100 lbs. to Minneapolis, Minn.	2 50 per hundred
Plant rate on 100 lbs. to Atlanta, Ga., New Orleans, La.	2 75 per hundred
Plant rate on 100 lbs. to Chicago, Ill., Indianapolis, Ind., Cincinnati, Ohio.	1 00 per hundred

Prepaid packages by Express are charged at the rate of 8c per lb. At this rate it is much less than the special plant rate to California and other western States; it is advantageous to those in such localities to have their plants prepaid. We are always pleased to do this when unknown parties make remittances to cover same.

# ASTERS

## "Smith's Peerless" the Finest Strain Known

In offering this new strain we are pleased to state that the strong endorsements received last season upholds our opinion as well as that of others set forth in last year's Catalogue. Like all high grade Asters they are shy seeders, in fact the price established for such seed is based upon their productiveness and the more double the smaller and the more single the greater the yield. A high grade in Asters is only maintained by most careful selection. Peerless asters belong to the late branching type, producing very double, high rounded flowers of excellent substance.



Smith's Peerless—White

**Peerless White.**—Price Per Oz., \$6.00;  $\frac{1}{4}$  Oz., \$2.00; 1-16 Oz., 60c; Trade packet, 15 grains, approximately 450 seeds, 30c; Retail packets, 100 seeds, 15c.

**Peerless Light Pink.**—Price Per Oz., \$8.00;  $\frac{1}{4}$  Oz., \$2.50; 1-16 Oz., 75c; Trade packet, 15 grains, approximately 450 seeds, 50c., Retail packets, 100 seeds, 25c.

The seeds we offer are our own growing. We are giving special attention to Asters, testing all the new varieties, as well as hand fertilizing to secure improved kinds. We remove all mixed and inferior plants, and are confident the seed we offer is unsurpassed, being as pure as it is possible to produce. We have many unsolicited testimonials from reliable Florists, speaking in highest terms of its purity, high germinating power and quality of blooms.

## ASTERS—Standard Varieties

The following comprise the best standard varieties, and may be had in flower from July 1st to late Autumn, according to time of planting.

	Retail Pkg.	1-16 oz.	¼ oz.	1 oz.
<b>Early Wonder.</b> —A good extra early, in white and pink .....	5	20	50	\$ 1 00
<b>Express.</b> —An early Comet Aster, white, rose and violet.....	5	20	50	1 00
<b>Queen of Market.</b> —Lavender, light pink, rose, purple and white. Early .....	5	10	20	50
<b>Lavender Gem.</b> —A beautiful shade of lavender. Midseason.....	10	25	75	2 00
<b>Purity.</b> —A pure white form of daybreak. Midseason.....	5	20	60	1 50
<b>Vick's Branching.</b> —This strain is probably grown in greater quantities by the florists and market gardeners than any other. Colors are white, lavender and rose .....	5	20	50	1 00
<b>All kinds and colors mixed.</b> .....	5	10	20	50

An ounce of Aster Seed contains from 12,000 to 15,000 seeds. Those desiring a certain number of plants can estimate the quantity from these figures.

We will supply ½ ounce at ounce rate, and ¼ ounce at ¼ ounce rate.

## Smith's Revised Chrysanthemum Manual

By ELMER D. SMITH

The best work on American Chrysanthemum Culture. Both amateur and florist have been provided with articles for their special needs

ONE HUNDRED PAGES

ONLY 40 CENTS, POSTPAID

## “Kant=Klog” Sprayer

Special attention is called to the fact that this Sprayer and Nozzle for 1911 show individual and distinct features found in no other line. Notice the superior construction of the Sprayer body, also the various sizes and shapes of sprays made by the new “Kant-Klog” Nozzle.

### DESCRIPTION

The Sprayer body is made of heavy polished brass or galvanized steel, as desired. Top and bottom are dome-shaped, joined to body under heavy pressure, making a complete double seam. The body is supported and further strengthened by a heavy steel band around the bottom. When completed this body is tested under double the pressure formerly used, so enabling you to get a finer spray for a greater length of time than with any sprayer we have ever made.

The air pump is made of heavy brass, two inches in diameter. Hose couplings are solid brass, standard cut threads, ends heavily ribbed to prevent hose slipping off. Hose is high grade, three-ply, supported by a coiled spring, bell-shaped at outer end to prevent breaking. A safety valve is provided to allow air to escape after the necessary pressure has been obtained.

The “Kant-Klog” Nozzle, furnished with this machine without extra charge, makes two bell sprays of different size, volume and fineness; one flat spray; and two sizes of straight streams. The new Spring “Hose-Cock” is also furnished with style G without extra cost. Sprayer holds between four and five gallons and can be carried either by carrier strap or air pump handle.

**Price, with Galvanized Steel Body . . . . . \$5.00**

**Price, with Polished Brass Body . . . . . 6.50**



**SMITH'S PEERLESS ASTER**  
(Light Pink)