Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.
To the late Mr. Henderson's friends and admirers a melancholy interest will always cluster around this, his last work. The Handbook of Plants was first issued in 1881; and while its author had reason to be pleased with the flattering reception it met with, he felt that it had been somewhat hastily prepared, and so early in 1889, with his characteristic energy and industry, the work was not only revised, but rewritten and greatly enlarged. Mr. Henderson read, corrected and passed the last pages of the new edition December 26th, 1889, a week later, January 3d, 1890, he was stricken with the sickness, which on January 17th following culminated in his death. The delay incident to printing and binding the book made the middle of February reached before copies were received, so that the bound and completed volume, that in the estimation of many will be Peter Henderson's most enduring monument—he never saw.

This new edition comprises about fifty per cent, more genera than the former one, and embraces the botanical nan.: (accentuated according to the latest authorities), derivation, natural order, etc., together with a short history of the different genera, and concise instructions for their propagation and culture. A valuable feature of the book, particularly to amateurs, is the great care that has been given to obtain all the leading local or common English names, together with a comprehensive glossary of Botanical and Technical terms. Plain instructions are also given for the cultivation of the principal vegetables, fruits and flowers—both for the Amateur, Florist and Market Gardener—with very full instructions on forcing Tomatoes, Grapes, Cucumbers, Mushrooms, Strawberries, etc., together with comprehensive practical directions about soils, manures, roads, lawns, draining, implements, greenhouse buildings, heating by steam and hot water, propagation by seeds and cuttings, window gardening, shrubs, trees, etc. In short, everything relating to general horticulture is given in alphabetical order, in a way so complete as to make it, as a book of reference, equally as valuable as encyclopedias of gardening four times its size. Henderson's New Handbook of Plants contains about 800 illustrations.

PRICE, $4.00 POST-PAID.

Also given free as a premium on orders from this Catalogue amounting to $30.00.
EIGHT months have elapsed since the death of Peter Henderson, the illustrious and beloved founder of this house. The sad tidings became known all over the land the day he died, January 17th, 1890, and our irreparable loss is probably already known to nearly every one with whom he sustained business relations for so many years.

When he passed away, circumstances prevented us from sending out any general notice of his death, but as soon as we had recovered from the shock and bewilderment, caused by the great and unexpected calamity that befell us, our family decided that, as its honored head had been in so large a sense a public man, no attempt should be made to tell, in any of our business publications, the story of his life. We have, therefore, in preparation a biographical sketch of the man who, in the departments of American Horticulture in which he assumed to instruct, was long since universally conceded to be the pre-eminent authority of his time. This sketch or memoir of Peter Henderson only professes to outline the magnitude of his life's work, and to detail a few of the many noble attributes and characteristics with which he was endowed. In view of the early publication of this sketch, it only remains for us to add, that it will be sent about November 1st of this year, to all of Mr. Henderson's old friends and patrons. It will contain as a frontispiece what we consider the best portrait of him in existence. To Alfred Henderson has been entrusted the preparation of the memoir, as it was believed, from his long and close personal relations to his father, he understood him perhaps more thoroughly than any one to whom it seemed practicable at this time to delegate the work.

September 10, 1890.
SEPTEMBER 10th, 1890.

Founder by PETER HENDERSON in 1847.
Incorporated 1890.

AUTUMN CATALOGUE FOR 1890

or

BULBS, PLANTS AND SEEDS.

SPECIAL ANNOUNCEMENT.

It was the desire of the late Mr. PETER HENDERSON, that both the Seed and Plant businesses that he founded, and which during his life, had been conducted separately, should, after his death, be combined, incorporated and continued by his sons. This has been done, and the control and active management will be conducted by the present owners, Alfred and Charles Henderson, assisted by the same corps of trained and experienced employees, many of whom have been with us from ten to twenty years.

WHEN SHIPMENTS CAN BE MADE.

The general line of bulbs and plants will be ready for shipment by the first week in September.

A few kinds (chiefly roots and lilies) are not ready for shipment before early in November, as they are not matured enough to take up before that time.

Therefore, please note that all general orders will be shipped as soon as received after the 1st of September, and the November Bulbs will be omitted at the time of shipment, but will be forwarded, at customer’s expense, as early in November as possible.

The Bulbs and Roots not ready before November are: Agapanthus, Amaryllis, Astilbe (spirea), Dielytra, Lily of the Valley, Helborus, Iris Kampferi, Psoralea, and Lilies.

If you wish, you may wish to hold your general order until November bulbs are ready, please so state.

HOW WE FORWARD BULBS AND PLANTS.

All Bulbs, ordered singly or by the dozen will be sent by mail when so desired. When ordered however in larger quantities, they will be sent by express. But do not have your plants sent by mail, as the whole practice is wrong, and we wish to warn and advise our customers against the delusive economy of this method. Not one plant in ten sent by mail ever produces satisfactory results the first season, even if it does not die outright. Have them sent by express, if possible, as we can send larger plants, and will put in enough “extra plants” to compensate for the expressage. Of course, in places where there is no Express Office, plants have to be sent by mail; in such cases we use the greatest skill and care to have them arrive in good condition.

ALWAYS GET YOUR BULBS EARLY.

It is advisable to get your bulbs in the ground as early as possible after the 1st of October. Sooner will do no harm in cold localities. There is always a tendency towards reduced vitality very late in the season, although they can be planted as late as they can be got in the ground, yet those planted early give finer flowers.

SEEDS FOR FALL SOWING AND FOR THE EXTREME SOUTH.

In this catalogue will also be found a list of the leading Vegetable Seeds sown in the early Fall. We also desire to call the attention of our patrons in the extreme Southern States to the list as it will serve them in ordering seeds; our general catalogue, issued in January, being usually a little late for their section.

ABOUT REMITTING US.

Remittances should be made either in the form of a Money Order, Bank Draft, Express Order, or Registered Letter. Remittances in any other way are entirely at the sender’s risk.
Henderson's "Rainbow" Collection of Bulbs

CONTAINS.

Hyacinths,
24 "Splendid Named Varieties
12 "Mixed Single and Double Varieties
8 "Roman Assorted Kinds
24 Tulips, Named Double and Single
36 "Mixed Varieties
48 Narcissus, Splendid Named
100 Crocus, Splendid Named

Rainbow Collection of Bulbs for Winter Blooming, No. 2.
Contains 250 bulbs (half the quantity of each in No. 1.)
Price, $5.00, or by mail, $5.25.

Rainbow Collection of Bulbs for Winter Blooming, No. 3.
Contains 125 bulbs (one quarter of the quantity of each variety in No. 1.)
Price, $3.00, or by mail, $3.15.

Henderson's Rainbow Collection of Hardy Bulbs.

FOR SPRING FLOWERING IN THE GARDEN.

These collections are made up of the same choice bulbs as are offered in this catalogue. They are all perfectly hardy and should be planted in the open ground this autumn and they will give a grand and continuous display of bloom throughout the winter. As they are offered at much less than our regular catalogue rates we can allow of no alterations.

Rainbow Collection of Hardy Bulbs for Spring Blooming, No. 4.
Contains 700 bulbs.
Price, $10.00, or by mail $10.75.

Rainbow Collection of Hardy Bulbs for Spring Blooming, No. 5.
Contains 320 bulbs (one half quantity of each variety in No. 4.)
Price, $5.00, or by mail, $5.50.

Rainbow Collection of Hardy Bulbs for Spring Blooming, No. 6.
Contains 175 bulbs (one fourth of the quantity of each variety in No. 4.)
Price, $3.00, or by mail, $3.25.

Our new treatise just published, HENDERSON'S BULB CULTURE will be given free with all of the above collections.

See details of contents on page 64.
Choice Named Single Hyacinths.

If desired by mail add at the rate of 20c. per dozen for postage.

These grand old varieties hardly need any special praise as every one knows them to be the most beautiful of our hardy spring flowering bulbs for beds and borders—and thriving equally well when grown in pots of earth or glasses of water for winter blooming in the dwelling house, or conservatory. Named hyacinths should always be taken in place of mixed varieties for house culture either in pots or glasses, as the bulbs are always larger, and give finer spikes of flowers.

For cultural directions see our New Treatise "Henderson's Bulb Culture." See details of contents on page 64.

Single Red, Dark Shades.
Price, 15c. each; $1.50

Single Pure White.
Price, 20c. each; $2.00

Single Light Blue.
La Pricieuse. Light blue and lilac. Marie. Light blue and purple, extra large truss.
Price, 15c. each; $1.50

Single Dark Blue.
Price, 15c. each; $1.50 per doz.; $9.00 per 100.

Single Light Yellow.
La Citronniere. Pale citron.
Price, 20c. each; $2.00 per doz.; $12.00 per 100.

Single Dark Yellow.
Price, 20c. each; $2.00 per doz.; $12.00 per 100.

Choice Named Double Hyacinths.

If desired by mail, add at the rate of 20c. per dozen for postage.

Double Light Red.
Regina Victoria. Light red.
Price, 15c. each; $1.50 per doz.; $10.00 per 100.

Double Pure White.
Prince of Waterloo. Waxy white, large.
Price, 20c. each; $2.00 per doz.; $12.00 per 100.

Double Light Blue.
Rembrandt. Light lilac, with dark eye.
Price, 15c. each; $1.50 per doz.; $9.00 per 100.

Double Light Yellow.
Piet Hein. Pale yellow.
Price, 25c. each; $2.50 per doz.; $15.00 per 100.

Double Dark Red.
Baron van Pallandt. Fine bells, crimson tipped green.
Price, 20c. each; $2.00 per doz.; $12.00 per 100.

Double Blush White or Colored Eye.
La Virginite. Pale blush, fine spike.
Price, 20c. each; $2.00 per doz.; $12.00 per 100.

Double Dark Blue.
Price, 20c. each; $2.00 per doz.; $12.00 per 100.

Double Dark Yellow.
Louis D'Or. Dark yellow. William III. Citron yellow, red centre.
Jaune Supreme. Splendid rich yellow.
Price, 25c. each; $2.50 per doz.; $15.00 per 100.

Our selection all different colors, Single or Double varieties $1.50 (If desired by mail, add at the rate of 20c. per dozen for postage)
THE "GEM" COLLECTION OF HYACINTHS FOR POT CULTURE

An assortment of magnificent, superb and distinct varieties, which may properly be termed "gems" of their kind. The Collection embraces distinct shades of color and is comprised of only such sorts as are strong growing, producing large and full spikes of bloom, and sure to give the greatest satisfaction for winter flowering in the conservatory or Window Garden, having been carefully selected from a great number of kinds.

Directions for Growing Hyacinths in Pots.

Use a 5 or a 6 inch pot. Fill rather loosely to the brim, and press the bulb down so that only one-fourth of it appears above the soil. Then water freely to settle the soil and place where it is cool and dark, to encourage a strong development of roots before the bud starts to grow at the top. Such a situation can be made by covering up the pots with four inches of sand in a cool cellar, under the stage of a cool greenhouse, or in a sunken pit—in each case covering with sand or leaves so as to exclude heat and frost; a strong development of root can only be had at a low temperature, say from 40 to 50 degrees, and any attempt to force them to make roots quicker by placing them in a high temperature will certainly enfeeble the flower. There is no need to water, except at the time of potting, provided the pots have been covered up as directed. They may be removed from their dark quarters in six to eight weeks, placed in full light and wattled freely.

SINGLE VARIETIES.

TASSO. Waxy blush, fine bells and truss.
INCOMPARABLE. Rich blood red, bells tipped green, fine truss.
LA GRANDESSE. Pure white, extra large bells, compact truss.
MONT BLANC. Creamy white, fine large truss.
Czar Peter. Rich blue, magnificent bells and spike.
KING OF THE BLUES. Rich blue, magnificent bells and spike.
IDA. Pure yellow, extra fine.

DOUBLE VARIETIES.

LE GRAND CONCURRENT. Beautiful light rose, shaded with pink, grand spike and very large bell.
NOBLE PARME. Fine deep red, large bells and spike.
GRAND DAINQUEUR. Pure waxy white, fine truss.
MAJOR DESAUL. Blush white, rose centre, fine spike.
BLOOMBERG. Light blue, marbled, extra large bells.
GARRICK. Splendid rich purple, large truss.

Price, 25 cts. each; or entire set of 13 for $2.50 by express, or $2.70 by mail.

THE "WATER COLLECTION" OF HYACINTHS FOR GLASSES

Hyacinths grown in glasses are elegant and suitable ornaments for the parlor or sitting-room, and can be flowered in this way with very little trouble. The following assortment, which we have designated the "Water Collection," is made up of exceptionally beautiful varieties, such as we have found to succeed well when grown in glasses.

DIRECTIONS FOR GROWING HYACINTHS IN GLASSES.

The bulbs should be placed in the glasses as early in the season as possible, keeping them in a cool, dark cellar or similar situation until the roots have nearly reached the bottom of the glass, which requires usually from six to eight weeks' time, after which the lightest and sunniest situation that can be had is the best; the water in the glasses should be changed two or three times a week, and in severe weather the bulbs must be removed from the window, so as to be secure from frost. In filling the glass with water, the bottom of the bulb should only touch the water. A little charcoal placed in each glass helps to keep the water pure.

SINGLE VARIETIES.

LORD MACAULEY. Dark rose changing to crimson carmine with white center, fine large truss.
VICTORIA ALEXANDRA. Deep crimson, extra fine large.
VON SCHILLER. Deep salmon pink, large bells, fine spike.
ORONDATUS. Porcelain blue, extra fine spike.

DOUBLE VARIETIES.

FESCHKO. Rich violet blue, large spike, extra fine.
GEN'L HAVELock. Very dark glossy purple, extra.
LA PLUE D'OR. Pale yellow.
SEMIRAMIS. Waxy cream white, large bells, fine spike.
GRAND VAINQUEUR. Pure pearly white, fine.

Price, 25 cts. each; Set of 13, $2.50 by express, or $2.70 by mail.

FOR HYACINTH GLASSES, SEE PAGE 63.
Mixed Hyacinths in Separate Colors.

Mixed Hyacinths are the smaller bulbs selected from the named sorts, for growing in masses either in the garden for spring blooming or for winter flowers in the greenhouse. They are particularly adapted for cutting. If only a few hyacinths in pots or glasses are to be grown, we advise you to take the Named Varieties on pages 4 and 5.

Six sold at dozen rates; 25 at 100 rates.

If desired by mail, 2 cts. per bulb or 15 cts. per doz. extra must be sent to pay postage.

Mixed Single Varieties.

Colors kept separate as below.

<table>
<thead>
<tr>
<th>Each.</th>
<th>Per Dz.</th>
<th>Per 100</th>
</tr>
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<tbody>
<tr>
<td>Dark reds</td>
<td>$1</td>
<td>$2</td>
</tr>
<tr>
<td>Rose</td>
<td>10</td>
<td>80</td>
</tr>
<tr>
<td>Red and rose, all shades</td>
<td>10</td>
<td>80</td>
</tr>
<tr>
<td>Pure white</td>
<td>10</td>
<td>90</td>
</tr>
<tr>
<td>Blue and white and tints</td>
<td>10</td>
<td>90</td>
</tr>
<tr>
<td>Dark blue and violet</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Light blue</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Blue, light and dark Romans</td>
<td>10</td>
<td>80</td>
</tr>
<tr>
<td>All colors</td>
<td>10</td>
<td>80</td>
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Mixed Double Varieties.

Colors kept separate as below.

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<td>Rose</td>
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<td>85</td>
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<td>Red and Rose, all shades</td>
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IMPROVED EARLY WHITE ROMAN HYACINTHS.

Grand for Winter Blooming in the Window or Conservatory.

The pearly whiteness, delicious perfume, earliness and profusion of bloom has made this variety exceedingly popular. We sell annually nearly half a million bulbs of this variety alone. Each bulb will throw up two to four spikes of bloom, and they are so easily grown and so early, that if potted in August and September they can be brought into flower in November and December and by a succession of plantings can be had in bloom throughout the winter. Roman Hyacinths are not hardy enough for open ground culture north of Washington.

Price, First Size Bulbs, 7c. each; 75c. per doz.; $4.50 per 100; $40.00 per 1000.

White Italian or Parisian Hyacinths

These are extensively grown by florists for the Paris flower market as the profusion of bloom, fragrance and graceful spikes render them very popular for cutting purposes. They flower quickly after being potted and deserve to be better known. The bulbs are red skinned and bloom a little later than White Varieties.

Price, 7c. each; 6c. per doz.; $4.00 per 100.

(Add for postage on Roman Hyacinths at the rate of 10c. per dozen if wanted by mail.)

Roman Hyacinths in Colors.

These flowers flower from two to three weeks later than the Early White. They are very valuable for pot culture and winter flowering in window garden and conservatory, their profusion of bloom, delicate colors and rich perfume render them very popular.

Blush Rose Romans, semi-double, a charming color.

Dark Rose Romans, semi-double, rich dark rose.

Blue Romans, semi-double.

Blue Romans, single.

Mauve Colored Romans, single (new color).

Prices for Rose, Blue and Mauve Roman Hyacinths, 7c. each; 65c. doz.; $4.00 per 100.

Canary Yellow Roman Hyacinths, a charming new color.

Price, 7c. each; 75c. per doz.; $10.00 per 100.

MUSK HYACINTHS.

A small growing hyacinth of a purplish color; emitting when in flower, a strong and very agreeable musky odor. Valued for potculture and well worth growing in clumps in the open ground.

Price. 15c. each; $1.50 per doz.

BLUE GRAPE HYACINTHS.

A pretty little variety producing flowering spikes about 6 inches high; with little round bells so arranged on the spike as to resemble a bunch of grapes. Admirable for permanent beds and edgings and partially shaded situations where they should be planted in groups of one dozen or more where they will soon spread and being perfectly hardy will take care of themselves—they are very pretty when grown six in a pot in the house for winter flowering.

Price, each, 5c.; per doz., 75c.; per 100, $1.25.

FEATHERED HYACINTHS.

An exceedingly pretty variety, the spikes average 9 to 12 inches high and in place of being formed of bells, as in all of the other varieties, is a feathery plume, and few plants are more striking in the garden or more useful for cutting. It is particularly adapted for open ground culture.

Price, each, 5c.; per doz., 40c.; per 100, $1.25.
COLLECTIONS OF HYACINTHS FOR BEDS.

We offer these Sets at prices much below the regular rates, to encourage a greater number to put out beds of bulbs this autumn, knowing they will give unbounded satisfaction.

Considering their matchless beauty, rare sweetness, ease of culture and hardiness, it is not surprising that the Hyacinth is the most popular bulb grown. For convenience of those who do not quite understand arranging beds, we have made a selection of sorts flowering together—and of bright contrasting colors—which we are sure will give the best of satisfaction. We have made a selection of Named Hyacinths. We can substitute when desired Un-named Hyacinths, (colors kept separate) in place of the Named varieties at 40% less. For instance, Bed G. is worth $8.00, but if Un-named sorts are substituted, can be furnished for $4.80. but we strongly advise the named sets, as the bulbs are larger, will give better spikes of flowers and each color being of only one shade, the effect will be much more beautiful.


Bed I. Collection 20. Named Hyacinths, bed 5 feet across either way, requiring 121 bulbs, planted 6 inches apart. No. 1—70 Chas. Dickens, blue. No. 2—34 Veronica, red. No. 3—17 Voltaire, white. Price, $10.00.


The above Collections can only be sent by Express or Freight.
**SINGLE EARLY TULIPS.**

Tulips are such universal favorites, that it is not necessary to expatiate upon their merits here. Being perfectly hardy, their ease of culture combined with beauty of form and gorgeous coloring, render them the most popular bulbs grown for spring bedding, as well as for winter flowering in the greenhouse and window garden. The exquisite beauty of NAMED TULIPS is not sufficiently known. Many rare varieties do not propagate fast enough to enable us to offer them in mixtures, which is the way the majority of people buy Tulips. Therefore, to induce trial of these magnificent sorts, we offer them this season at very low prices.

<table>
<thead>
<tr>
<th>B 8 Joost Van Vondel, white.</th>
<th>Per doz.</th>
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*B 7  Joost Van Vondel, white.*

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For cultural directions, see our new Treatise "Henderson's Bulb Culture," detail of contents on page 64.

The letters A, B, C, preceding the varieties, indicate their earliness of bloom; the A's flower together and are the earliest. B next, etc. The average height in inches is also given before the variety, to aid in arranging flower beds.

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*A 7 John Luijon, crimson flushed white.*

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| Early Varieties, mixed, first quality. | 1 75 | 14 00 |
| Early Varieties, mixed, second quality. | 1 25 | 11 00 |

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**CAUTION.**

Sold at dozen rates; 25 sold at 100 rates; but they must be of one variety. If desired by mail, add 6 cts. per dozen for postage.
DOUBLE TULIPS.

Double Tulips have massive flowers of brilliant and varied colors, shades and markings. They are beautifully adapted for beds on the lawn, in the garden and for mingling in clumps of half a dozen or more around the edges of shrubbery. They are exceedingly effective. The early sorts (those prefixed with an A or B) do splendidly when grown in pots for winter blooming, but must be forced much slower than Single Early Tulips by keeping them cooler.

The letters preceding the varieties indicate their earliness—those marked "A" flower together and those marked "B" follow, etc. "I." are very late. The figures before the varieties indicate the height attained in inches.

If desired by mail, 6 cts. extra per dozen must be allowed for postage.

The exquisite beauty of the NAMED TULIPS is not sufficiently known. Many rare varieties do not propagate fast enough to enable us to offer them in mixtures, which is the way the majority of people buy Tulips. Therefore to induce trial of these magnificent sorts, we offer them this season at very low prices.

For Cultural Directions see our New Treatise just published,

"HENDERSON'S BULB CULTURE."

Details of contents given on page 64.

DOUBLE MIXED TULIPS.

Finest Mixed Early Double Varieties. First quality. $30 $1.75 $14.00
Second Quality as generally sold... 25 1.25 11.00
Finest Mixed Late Double Varieties... 35 2.00 15.00

[25 sold at 100 rates; 3 at dozen rates if of one variety. If desired by mail 6c, per dozen must be added for postage.]

Our New Treatise "Henderson's Bulb Culture" just published. See details on page 64—Given as premium on orders.
Late or May Flowering Single Garden Tulips.

This group differs from the Early Single Tulips by their taller growth and later bloom. They are brilliant in the extreme for bedding purposes, and are exceedingly useful for a succession of bloom. Their flowers are all very large, symmetrically formed, and their magnificent colors with interesting and delicate featherings and markings make a sight not soon to be forgotten, particularly when bedded out in quantity. They are very hardy and do well through all sorts of weather.

**Genusiana.** (Hortensis) The tallest, largest flowered, and showiest of all tulips for bedding out in masses, it deserves to be largely grown, and should be in every garden. Height, two or three feet. Flowers of enormous size, on strong, graceful stems, and the most durable of all tulips, as it holds its beautiful color and keeps perfect several weeks, flowering in May.

**Bizarre.** Grand and rich flowers of perfect shape, having a yellow ground color, painted, feathered or striped with crimson, purple or white. Choiceest mixed varieties, 30c. per doz.; $1.75 per 100; $15.00 per 1,000.

**Rose Bybloemens.** Magnificent flowers, the perfection of form, have a white ground color with beautiful stripes and markings of crimson, pink and scarlet or rose. Mixed varieties, 35c. per doz.; $2.25 per 100; $20.00 per 1,000.

**Violet Bybloemens.** Have a white ground color, banded, blotched, striped or feathered, with blue, lilac, violet, purple or black. Choiceest mixed, 40c. per doz.; $2.50 per 100; $22.00 per 1,000.

**Parrot or Dragon.** Immense attractive flowers. very singular and picturesque forms and brilliant colors. The petals are curiously fringed or cut; they form extravagantly showy flower beds, are of endless variety of form and color, and should be grown in every flower garden in quantities. Finest mixed colors, 30c. per doz.; $1.75 per 100.

**VARIATED LEAVED TULIPS.**

**Geeigii.** Called by some the "Queen of Tulips." A very handsome and distinct species; flowers very large of brilliant orange scarlet, with a yellow and black center. The foliage is oddly spotted with dark maroon; they are very hardy, and flower as early as the Duc Van Thols. Price, 30c. each; $3.00 doz.

**Duc van Thols.** Flowers double red and yellow, very early, leaves golden yellow bordered. 10c. each; $1.00 per doz.

**La Canidor.** Fine double white flowers, with silver variegated banded leaves. 10c. each; $1.00 per doz.

**Rex Rubrorum.** Double, crimson flowers, fine silver and red variegated leaves, distinct and beautiful. 5c. each; 50c. per doz.

**Tournesol.** Double, scarlet red and yellow flowers, leaves fine silver edged. 10c. each; $1.00 per doz.

**Yellow Rose (Geiee Roos).** Beautiful double, yellow flowers, large leaves, broadly edged yellow. 10c. each; $1.00 per doz.

**SINGLE VARIETIES.**

**Feu de l’Empire.** Fine scarlet flowers, with golden yellow variegated leaves. 10c. each; $1.00 per doz.

**La Bello Alliance (Waterloo).** Fine scarlet flowers, leaves edged with a broad silver border. 10c. each; $1.50 per doz.

**La Van Ryn.** Pale rose-violet flowers, white edged, large leaves, broad silver band; fine bedding. 5c. each; 50c. per doz.

**Yellow Prince.** Golden yellow flowers, broad golden yellow banded leaves; distinct and fine. 10c. each; $2.50 per doz.

**Purple Crown.** Deep, purple maroon flowers, long foliage, small fine golden yellow band. 5c. each; 50c. per doz.

**Standard Royal.** White flowers, streaked cerise, fine silver variegated leaves. 10c. each; $1.00 per doz.

*If Tulips are desired by mail add for postage at the rate of 5c. per dozen.*
We offer these Sets at prices much below the regular rates, to encourage a greater number to put out beds of bulbs this autumn: knowing they will give unbounded satisfaction.

For beauty of form and brilliancy of color nothing can equal the gorgeous effects of Tulips. They are perfectly hardy and of the easiest culture. The following "Assortments of Tulips for Beds" we have made up for the special convenience of those who do not understand the selections of sorts that will bloom simultaneously, and are of equal heights. We have selected bright contrasting colors, and the beds will be very effective.

**Collection for Bed N. Single Tulips, Solid Colors.** (See above cut). Price, $5.50. Contains 200 Tulips in four named kinds, will fill a bed like the above fifteen feet in circumference (five feet across), planted four inches apart. viz:
- 50 Belle Alliance. Scarlet. 50 Yellow Prince. Yellow.
- 50 Queen Victoria. White. 50 Rosa Mundi. Rose.

**Collection for Bed O. Named Tulips.** Size of bed 15 feet in circumference (6 feet across), requiring 280 bulbs, planted four inches apart. viz: No. 1—150 Queen Victoria, white. No. 2—50 Chrysolora, yellow.
- No. 3—100 Artus, scarlet. No. 4—50 Rosa Mundi, rose. **Price, $7.25.**

**Collection for Bed P. Named Tulips.** Size of bed 6½ ft. long by 5 feet across, requires 270 bulbs, planted 4 inches apart. viz: No. 1—20 Canary Bird, yellow. No. 2—150 Verboom, scarlet. No. 3—100 Queen Victoria, white. **Price, $7.00.**

**Collection for Bed Q. Named Tulips.** Size of bed 18 feet in circumference (6 feet across), requires 280 bulbs planted 4 inches apart. viz: No. 1—55 White Pottebakker. No. 2—125 Artus, scarlet. No. 3—100 Chrysolora, yellow. **Price, $7.50.**

**Collection for Bed R. Striped and Variegated, Named Tulips.** Size of bed 5 feet long by 3 feet across at widest part, requiring 150 bulbs planted 4 inches apart. viz: No. 1—10 Kaiserkron. crimson and yellow.
- No. 2—60 Silver Standard, white and crimson.
- No. 3—60 Bizard Verdik, yellow and red. **Price, $3.25.**

**Collection for Bed S. Double Named Tulips.** Size of bed 15 feet in circumference (6 feet across), requiring 200 bulbs, planted 4 inches apart. viz: No. 1—20 Rex Rubrorum, scarlet. No. 2—60 La Candeur, white. No. 3—60 Gloria Solis, crimson and yellow. No. 4—60 Murillo, rose and white. **Price, $5.00.**

**Collection for Bed T. Double Named Tulips.** Size of bed 5 feet long by 4 feet across, requiring 144 bulbs, planted 4 inches apart. viz: No. 1—72 La Candeur double white. No. 2—72 Rex Rubrorum, double scarlet. **Price, $7.25.**

The above Collections can only be sent by Express or Freight. A copy of our new treatise "Henderson's Bulb Culture," will be sent free with each of the above Collections.
Henderson's **Superb** *Narcissus.*

Daffodils, Daffodillies, Daffadowndillies.

The wonderful creations in the way of new varieties, has awakened an interest and enthusiasm among the lovers of flowers that has placed this, "The Flower of the Poets," in the front rank of popularity, and they merit all the praise that can be bestowed upon them. Appearing, as they do, just after the bleak winter, they turn our gardens, lawns and woodlawns into gorgeous masses of gold and silver, with a fragrance that is enchanting. They are equally valuable for growing in pots for winter flowering, and some of the varieties are forced in immense quantities by florists for cut flowers in winter. Narcissus are of the easiest culture, and all the varieties on page 17 are perfectly hardy. Our collection has been much enriched and embraces in addition to the old favorites, many new varieties, including the magnificent new hybrids. We are also importing direct from China, some of the genuine and wonderful "Chinese Oriental Narcissus," called by the natives "Joss Flower," or "Flower of the Gods." (See page 17.)

**NARCISSUS IN COLLECTIONS FOR BEDS.**

These designs will be found very effective, care having been taken to select sorts that bloom at the same time, and of correct heights.

**Collection for Bed U, Large Trumpet Narcissus.** Length of Bed, 6 feet; width, 4 feet; diameter of circle, 24 feet. Requiring 135 bulbs planted 4 inches apart. No. 1, 45 Pallidus Precox, white. No. 2, 90 Obvallarius, yellow. Price, $6.00.


**COLLECTIONS OF INEXPENSIVE NARCISSUS.**

For growing in masses in flower borders and grass, or to naturalize by woodland walks, in woods and shrubbery, and by streams and lakes. We strongly recommend them, all being vigorous, free growing varieties.

**Collection No. 60. Hardy Narcissus for Naturalizing, and Flower Borders.** Contains 1,000 Bulbs in 10 distinct and beautiful varieties, as follows:

- Medium Trumpets, viz: 100 Leedsii, yellow. 100 Stella, white and yellow. 100 Poeticus, white tipped cup.
- Large Trumpets, viz: 100 Trumpet Major, yellow. 100 Pallidus Precox, white. 100 Scoticus, white, yellow trumpet.
- Double Varieties: 100 Incomparable, yellow. 100 Orange Phoenix, white and yellow. 100 Alba Plena, white.
- Double Trumpet: 100 Van Sion, yellow. 1,000 bulbs in all. Price, $25.00.

**Collection No. 61.** 65 each of the 10 sorts in No. 60, or 500 bulbs in all. Price, $15.00.

**No. 62.** 25 each of the 10 sorts in No. 60, or 250 bulbs in all. Price, $8.00.

**No. 63 Beautiful Varieties, suitable for Winter blooming in the Greenhouse, Conservatory Window, or Cold Frame, in quantity for cutting purposes or decoration in pots, 1,200 bulbs, 100 each of 12 varieties, best Winter flowering and forcing sorts, Price, $30.00, as follows:

- Medium Trumpets. 100 Stella, white, yellow cup. 100 Leedsii, all yellow. 100 Poeticus Ornatus, white, red tipped cup.
- Large Trumpets. 100 Trumpet Major, yellow. 100 Pallidus Precox, white. 100 Scoticus, white.
- Double Varieties. 100 Van Sion, yellow. 100 Orange Phoenix, white and yellow. 100 Alba Plena, white.
- Polyanthus Varieties. 100 Grand Soleil d'Or, yellow. 100 Paper White, all white. 100 Double Roman, white and yellow. 1,200 bulbs in all.

**Collection No. 46 contains 50 each of the 12 sorts in No. 63, 600 bulbs in all. Price, $16.00.**

**Collection No. 65 contains 25 each of the 12 sorts in No. 63, 300 bulbs in all. Price, $9.00.**

**COLLECTION OF ALL OF THE VARIETIES OF HARDY NARCISSUS.** (See pages 13, 14, 15 and 16.)

No. 66. 504 bulbs in all, 12 of each of 42 varieties. Price $80.00.

No. 67. 252 6 42 Price 45.00.

No. 68. 126 3 42 Price 24.00.

No. 69. 42 1 42 Price 9.00.
GIANT FLOWERED NARCISSUS OR DAFFODILS.

Magnificent for pot culture in the House or Conservatory, blooming in the winter. Put 3 or more bulbs in a 5 or 6 inch pot.

If desired by mail add at the rate of 10 cts. per dozen for postage.

Sir Watkin. "The Giant Chalice Flower," or "Big Welshman" Immense flowers; sometimes measuring 5½ inches across, being the largest variety grown. Color rich sulphur, with a yellow trumpet tinged with orange. (See cut.) 75c. each; $7.50 per doz.

Narcissus Golden Spur. One of the grandest Daffodils, with extra large, bold, rich yellow flowers; foliage very broad and striking. It is of unusually robust habit and unsurpassed for gardens, pots, or forcing. (See cut.) 50c. each; $5.00 per doz.

Emperor. One of the finest Daffodils in cultivation, entire flowers of the richest yellow, trumpet of immense size, and the petals of the perianth are so broad they overlap and measure 3½ inches across. 75c. each; $7.50 per dozen.

Henry Irving. A magnificent flower, with long beautifully frilled trumpet, nearly two inches wide at the mouth, of rich golden yellow color. The petals of the perianth are very wide, overlapping, color bright yellow, a most perfect flower and received a first-class certificate. 25c. each, $2.50 per doz.; $15.00 per 100.

Collections of Giant Narcissus Offered on This Page.

No. 71—36 Bulbs, 12 each of the 6 giants, $11.00
" 72—15 " 3 " " 6.00
" 73—6 " 1 " " 2.25

If desired by mail add at the rate of 10 cts. per dozen for postage.

Notes: In describing Narcissus we have referred to the "perianth" and "trumpet," the latter is the long centre funnel like tube and the "perianth" is the surrounding row of petals or leaves.
LARGE TRUMPET NARCISSUS OR DAFFODILS.

All Narcissus on this page are hardy for garden planting, and excellent for Winter flowering in the house.

All the Trumpet Daffodils are prized for pot culture, flowering in the house with the Hyacinth, and should be cultivated in the same way, three roots at least, in a 4 or 5 inch pot. The cut flowers of Daffodils are much in demand for bouquets and vases.

ALL YELLOW TRUMPET NARCISSUS,

(If desired by mail, add at the rate of 10c. per doz. for postage.)

Maximus or Hale's Vase of Beaten Gold. Very large flower of rich yellow. Remarkable for an elegantly twisted perianth; trumpet deep golden, large and well flanged. 25c. each; $2.25 per doz.; $15 per 100. (See cut.)

Obvarius. The famous "Tenby Daffodil." Elegantly formed medium sized flower of rich yellow. One of the earliest and best for forcing. 8c. each; 75c. per doz.; $5.00 per 100.

Trumpet Major. Flowers large and almost of a uniform deep golden. Highly prized as an early forcing sort. 6c. each; 65c. per doz.; $4.00 per 100.

Spurious Major. Yellow imbricated perianth and large yellow trumpet. A fine and distinct form, extra early, grand for cutting and forcing. 8c. each; 75c. per doz.; $5.00 per 100.

Yariformis. Most varied and beautiful forms of "Pyrenees Daffodils," combining all colors from the snow white Albino through different shades of yellow, and embracing many lovely bi-colors. 6c. each; 65c. per doz.; $4.00 per 100.

ALL WHITE TRUMPET NARCISSUS.

(If desired by mail, add at the rate of 10c. per doz. for postage.)

Albicans. The "White Spanish Daffodil." Creamy white, with a silvery white trumpet, slightly flushed with primrose and elegantly recurved at the brim. 40c. each; $4.00 per doz.

Bishop Mann. The earliest and tallest white Daffodil. Entire flower, perianth and trumpet snow white. Healthy and vigorous grower. Splendid for either winter flowering in pots or for out of door culture, scarce and rare. 75c. each; $7.50 per doz.

Paludos Proodax. The "White Pyrenees Daffodil." One of the earliest and most beautiful varieties. Both trumpet and perianth is clear sulphur white. Was awarded a First Class Certificate by the London Royal Horticultural Society. One of the best for forcing. 8c. each; 75c. per doz.; $4.50 per hundred.

TWO COLORED (WHITE AND YELLOW) TRUMPET NARCISSUS.

(If desired by mail, add at the rate of 10c. per doz. for postage.)

Dean Herbert. A beautiful new variety, with very large, wide bright yellow trumpet and creamy white perianth, very distinct. 75c. each; $7.50 per doz.

Empress. A magnificent, large variety, bold and erect. A rare beauty. Some give this the palm of being the best of the two colored trumpets, perianth white and of great substance, trumpet, rich yellow. 75c. each; $7.50 per doz.

Horsfieldi. (Shown on the front cover of this catalogue.) The "Queen of the Daffodils." Very large flowers of pure white, with rich, yellow trumpet. Very stately and beautiful, and one of the most elegant for ladies' corsage wear. This magnificent flower was raised by a Lancashire weaver—John Horsfield, and it has made him famous. (See cut.) 40c. each; $4.00 per doz.

Scoticus. The "Scotch Garland Flower," or "Large Flowering Lent Lily." Large flowers of creamy white, bright yellow trumpet, elegantly flanged and serrated. 6c. each; 50c. per doz.; $3.75 per 100.

COLLECTIONS OF LARGE TRUMPET NARCISSUS OFFERED ON THIS PAGE,

No. 74-132 bulbs, 12 each of the 11 varieties offered on this page, $25.00.

13-66 " " " " " " " " " " 13.00.

75-33 " " " " " " " " " 7.00.

77-11 " " " " " " " " 2.50.
MEDIUM TRUMPET NARCISSUS,
Or Leeds' Eucharis-Flowered Chalice-Cupped Hybrid Daffodils.

All Narcissus on this page are perfectly hardy for garden planting, and equally adapted for winter flowering in the house.

(If desired by mail add at the rate of 10c. per dozen for postage.)

**ALL YELLOW VARIETIES.**

**Figaro.** (See colored flower on front of cover.) A grand variety with large flowers 3½ inches across; perianth lemon yellow; the petals of which are very broad. Cup deep rich yellow edged with reddish orange. Price, 10c. each; $1.00 per doz.; $7.00 per 100.

**Leedsii,** beautiful flower, bright yellow cup, heavily stained orange scarlet. Price, 8c. each; 80c. per doz.; $5.00 per 100.

**TWO COLORED (White and Yellow) VARIETIES.**

**Lorenzo.** A beautiful variety with white perianth—the petals of which are unusually broad and the whole flower large. Cup canary yellow. Price, 10c. each; $1.00 per doz.; $7.00 per 100.

**Stella,** white star shaped flower with distinct yellow trumpet, very beautiful and one of the most popular forcing and cutting varieties for the London Convent Garden flower market. Price, 5c. each; 50c. per doz.; $3.00 per 100.

**William Wilkes.** A beautiful introduction, remarkably distinct, perianth white, the petals of which are so broad they overlap, trumpet very wide, of rich yellow color. Price, 3c. each; $3.00 per doz.; $20.00 per 100.

**ALL WHITE VARIETY.**

**Circa.** (Gloriosus) fine pure white, the trumpet is slightly tinted with light straw. Price, 10c. each; $1.00 per doz.; $8.00 per 100.

**HOOP PETTICOAT,**
Or Medusa's Trumpet Narcissus.

Bold and shapely flowers. They are gems for pot culture and bear from 6 to 12 flowers to each bulb. For planting in groups around the edges of lawns and especially for edgings for beds this class is superbly adapted.

**ALL YELLOW VARIETY.**

**Bulbocodium,** the “Large Yellow Hoop Petticoat,” rich golden yellow. Price, 7c. each; 60c. per doz.; $3.75 per 100.

**SULPHUR YELLOW VARIETY.**

**Cirrinus,** the “Large Sulphur Hoop Petticoat,” large sulphur flowers, unique and beautiful for pot culture and cutting. Price, 10c. each; $1.00 per doz.; $6.00 per 100.

**ALL WHITE VARIETIES.**

**Monophyllus, (Class) the “Algerian White Hoop Petticoat,”** pure snow white, very early, will bloom at Christmas, if potted in August. Price, 12c. each; $1.25 per doz.; $19.00 per 100.

**THE TRUE POET'S DAFFODILS.**

Narcissus with Miniature Saucer Shaped Cups.

Charming in form and color, and delicately perfumed. Desirable for planting among shrubbery or in the grass and very graceful and beautiful for cut flowers for vases and bouquets.

**ALL YELLOW VARIETIES.**

**Boz,** bright yellow with citron colored cup, fine for cutting. Price, 15c. each; $1.50 per doz.; $10.00 per 100.

**TWO COLORED (White and Yellow) VARIETIES.**

**Biflorus,** twin flowers borne on one stalk, pure white with yellow cup. Price, 5c. each; 30c. per doz.; $1.50 per 100.

**Poeticus,** the “Pheasant’s Eye;” the “Pheasant’s Eye for Narcissus,” pure white flower with orange cup edged with crimson, splendid cut flower. Price, 5c. each; 30c. per doz.; $1.50 per 100.

**Ornatus,** the improved “Poeticus,” large, beautifully formed, pure white flowers with saffron cup tinged with rosy scarlet, a magnificent cut flower, very early. Price, 7c. each; 60c. per doz.; $4.00 per 100.

(If desired by mail add at the rate of 10 cts. per dozen for postage.)
DOUBLE NARCISSUS OR DAFFODILS.

All Narcissus on this page are perfectly hardy for garden planting, and equally well adapted for flowering in the house in the winter.

No collection is complete without some of the double flowering sorts. They are invaluable for pot culture in the Winter, most of them producing massive flowers. Put 3 to 6 bulbs in a 4 or 5 inch pot. They should be planted largely for naturalizing in places on the lawn, in corners, around the edges of shrubberies, along woody walks and clives. Where they can be left undisturbed for several years they add beauty and interest and are more effective in a half wild setting than in formal beds.

(If desired by mail, add at the rate of 10c. per dozen for postage.)

DOUBLE TRUMPET DAFFODILS.

ALL YELLOW VARIETIES.

Von Sion. (Talemonius Plenus.) The famous “Old Double Yellow Daffodil.” Rich golden yellow flower and trumpet, one of the best forcing sorts, immense quantities being grown for this purpose both in Europe and America. See cut. 5c. each; 65c. per doz.; $3.50 per 100.

Roses Plenissimus. “The Great Rose Flowered Daffodil called by old authors, the “Glory of Daffodils,” now very scarce and rare. The blooms are of immense size. The largest and richest yellow of any—very early, 75c. each; $7.50 per doz.

TWO COLORED (Yellow and White) VARIETY.

Pseudo-Plenus, the “Double Lent Lily,” or “Silver and Gold Double Daffodil.” Color, silver white and rich yellow, very beautiful. 15c. each; $1.50 per doz.; $10.00 per 100.

ALL WHITE VARIETY.

Cernnus Plenus Elegantissima, the “Double White Swan’s Neck Daffodil,” Beautiful waxy white, very rare, $1.50 each; $15.00 per doz.

DOUBLE PEERLESS NARCISSUS
Or Camellia Flowered Daffodils.

(If desired by mail, add at the rate of 10c. per dozen for postage.)

YELLOW VARIETIES.

Incomparable, P. Pl. “Putter and Eggs.” Full double flowers of rich yellow, with orange nectary, splendid forcing variety. 5c. each; 35c. per doz.; $2.00 per 100.

Pumilus Plenus. A very dwarf sweet scented variety, flowers very double, of rich golden yellow and very sweet scented. 25c. each; $2.50 doz.

WHITE GARDENIA FLOWERED VARIETY.


TWO COLORED (White and yellow) VARIETIES.

Orange Phoenix. “Eggs and Bacon.” Beautiful double-white flowers with orange nectary. Splendid for pot culture and cutting. See cut. 10c. each; $1.00 per doz.; $5.00 per 100.

Sulphur (or Silver Phoenix.) “Codlins and Cream.” Large creamy white flowers with sulphur nectary. Exquisite corsage flower—and fine for pots. 25c. each; $2.50 per doz.; $16.00 per 100.

GEMS AND KNICK-KNACKS IN DOUBLE NARCISSUS.

Capax Plenus. “The Queen Ann’s Double Daffodil” or “Eystettensis.” Rare and beautiful. Flowers of a pale lemon, consisting of six rows, each containing six petals, as per cut. 50c. each; $5.00 per doz.

The double flowers are of a rich golden yellow; the petals being pointed and 10c. each; $1.00 per doz.; $8.00 per 100.

(If desired by mail add 10c. per dozen for postage.)
Polyanthus Narcissus, or Bunch Flowered Daffodils.

The *Polyanthus* varieties of Narcissus are not only beautiful but deliciously sweet scented and of the easiest culture; very free-flowering and suitable for window garden, conservatory or garden, continuing long in bloom. They bear tall spikes of bloom bearing from six to twenty-four flowers each. The pure white petals and gold cup of some varieties, the yellow with deep orange cup of others, and the self whites and yellows, render them great favorites.

*(If desired by mail add for postage at the rate of 20c. per dozen.)*

**YELLOW VARIETIES.**

*Grand Soleil d'or.* Rich yellow with reddish orange cup—a favorite bedding and cutting variety. 8c. each; 75c. per doz.; $5.00 per 100.

**TWO COLORED (Yellow and White) VARIETIES.**

*States General.* Clusters of white flowers with citron colored cups shading to white. Very early. 8c. each; 75c. per doz.; $5.00 per 100.

*Gloriosus.* Immense trusses of pure white with primrose colored cups. Very early; splendid to force. 10c. each; $1.00 per doz.; $6.00 per 100.

*Grand Monarque.* Large white flowers with lemon yellow cup; can be successfully grown in water, like the “Chinese Sacred” mentioned below. 20c. each; $2.00 per doz.; $12.00 per 100.

*Double Roman.* Clusters of white flowers with double citron colored cups—it is very early and grown principally and largely for forcing. 6c. each; 50c. per doz.; $2.25 per 100.

**WHITE VARIETIES.**

*True White Pearl.* (Louis Le Grande.) Large pure satiny-white flowers. Exquisite. 20c. each; $2.00 per doz.; $12.00 per 100.

*Paper White.* (Totus Albus.) Pure snow-white flowers in clusters. This variety is perhaps more largely forced for cut flowers than any other, millions of them being used for the large flower markets of the world, 7c. each; 70c. per doz.; $2.75 per 100.

*Paper White Large-Flowered.* (New.) (Totus albus grandiflorus.) This new variety is of vigorous growth and early bloom, with immense individual flowers and larger truss. For forcing or early decorative purposes and for cut bloom at Christmas it is invaluable. (See cut.) 10c. each; $1.00 per doz.; $6.00 per 100.

*Mixed Polyanthus Narcissus.* (Rare varieties not included.) 5c. each; 50c. per doz.; $3.00 per 100.

The Chinese Sacred or Oriental Lily.

*(A variety of Polyanthus Narcissus.)*

The “Shui Sin Far,” or Water Fairy Flower; Joss Flower, or Flower of the Gods, etc., as it is called by the Celestials, is a variety of Narcissus, bearing in lavish profusion, chaste flowers of silvery white with golden yellow cups; they are of exquisite beauty and entrancing perfume. It is grown by the Chinese according to their ancient custom, to herald the advent of their new year, and as a symbol of good luck.

The bulbs are grown by a method known only to themselves, whereby they attain great size and vitality, ensuring luxuriant growth and immense spikes of flowers; in fact, the incredibly short time required to bring the bulbs into bloom (four to six weeks after planting), is one of the wonders of nature. You can almost see them grow,” succeeding everywhere and with everybody. They do well in pots of earth, but are more novel and beautiful grown in shallow bowls of water, with enough fancy pebbles to prevent them fromtoppling over when in bloom. A dozen bulbs started at intervals, will give a succession of flowers throughout the winter. *(See cut.)*

**Culture.** As the plant is partially aquatic in its nature, plenty of water is necessary. If it be grown in soil, it should be light and sandy. After the bulbs have been planted, they should be kept in a closet, or in a cool dark place for a few days, to induce a growth of roots before the tops start; afterward, they should be placed in a sunny window.

They succeed in any ordinary living room, yet it is necessary for them to be kept away from gas, as it causes the flowers to blast. By making a small incision with a knife across the top of the bulb in two or three places, from one-half to one inch from the center, it causes a fresh lot of leaves and flower stalks to start from those points. The cutting, however, must be carefully done, so as not to injure the bulb, the skin simply wants to be cut to liberate the leaves.

We are importing, direct from China, immense bulbs of the true, large flowering variety. Price. 25c. each; $3.50 per doz.

*See page 63 for Chinese Lily Bowls.*
SPRING FLOWERING CROCUS

The Crocus is one of the earliest flowers of Spring, and occupies a prominent place in every garden. When planted as an edging in triple lines of one or more colors, the effect is striking. No Spring display surpasses that of broad wave bands of golden-yellow, striped, purple, or of pure white Crocuses, when they expand their blossoms in February and March. In lawns and pleasure parks, planted in the grass, the Crocus is extremely effective. For several years past, Crocus, Snowdrops, Daffodils, &c., have been planted in the lawns, in wild places, woodland walks, etc. of our parks, to the great delight of visitors, and the enhanced decoration of the parks. One season, in one of the parks, about 50,000 Golden-Yellow Crocuses were used to edge off bens cut in the grass, and the gorgeous effect produced was matchless. On another occasion, 20,000 purple, white, and striped Crocuses were planted in alternate lines with Early Tulips, and the effect was equally beautiful. (See cut.)

Cheap Dutch Crocus, for large plantings. To encourage extensive plantings in shrubberies, woodlands, wild gardens, in grass, on lawns, pleasure parks, etc., Crocuses are quoted by the thousand cheaply. (If desired by mail add for postage at the rate 15 cts. per 100)

Choice Named Large-Flowered Dutch Crocus.

The following large-flowered named Crocus are recommended for planting in groups, edgings, select beds, and in designs. They are all fine sorts, which were specially selected for their large flowers, varied colors and robust growth.

(If desired by mail add at the rate of 50 cts. per 100 for postage.)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per doz.</th>
<th>Per 100.</th>
<th>Per 1000.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albion, large striped, white and blue</td>
<td>$0.25</td>
<td>$2.50</td>
<td>$25.00</td>
</tr>
<tr>
<td>Caroline Chisholm, fine white</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>Cloth of Gold, golden, striped</td>
<td>$1.50</td>
<td>$15.00</td>
<td>$150.00</td>
</tr>
<tr>
<td>Cloth of Silver, white, striped</td>
<td>$1.50</td>
<td>$15.00</td>
<td>$150.00</td>
</tr>
<tr>
<td>Ne Plus Ultra, blue and white</td>
<td>$2.50</td>
<td>$25.00</td>
<td>$250.00</td>
</tr>
<tr>
<td>Imperati, flowers in January, bluish-white, purple stripes, yellow throat, sweetly scented, the earliest of all.</td>
<td>$1.75</td>
<td>$17.50</td>
<td>$175.00</td>
</tr>
<tr>
<td>David Rizzio, dark purple large</td>
<td>$2.50</td>
<td>$25.00</td>
<td>$250.00</td>
</tr>
<tr>
<td>Prince Albert, large brilliant purple</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>Queen Victoria, pure white</td>
<td>$2.50</td>
<td>$25.00</td>
<td>$250.00</td>
</tr>
<tr>
<td>Sir Walter Scott, striped blue and white</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>Versicolor, distinct species, white, richly striped purple, yellow throat.</td>
<td>$1.50</td>
<td>$15.00</td>
<td>$150.00</td>
</tr>
<tr>
<td>Mammoth Yellow</td>
<td>$2.50</td>
<td>$25.00</td>
<td>$250.00</td>
</tr>
</tbody>
</table>

(See Hedgehog Crocuses, page 65.)

Autumn Flowering Crocus.

(Meadow Saffron) CROCUS, Autumnale.

Very effective and handsome hardy plants, the flowers of which come through the ground without the leaves in the fall, the leaves appearing the following spring. The flowers comprise many shades of white, purple, rose, striped, etc. They make lovely borders or margins to beds. Mixed sorts, 8 cts. each; 65 cts. per doz.; $4 25 per 100; by mail 9 cts. each; 75 cts. per doz.

Agrippina. A beautiful rare variety, rose, purple and white, with red cheques like a checker board. (See cut). 25c each; $2.50 per doz.; $25.00 per 100.

Byzantinus or Iris Flowered Crocus.

A charming rare variety, the three outer petals of clear purple and much larger than the three inner petals which are of pale lilac, the others being of yellow make a beautiful contrast, the flowers are of immense size, perfect form and resemble the Japan Iris, foliage unusually broad. (See cut). 15 cts. each; $1.50 per doz.; $15.00 per 100.
Before ordering please read this: Most bulbs and plants are ready for shipment the first week in September. A few kinds, however, cannot be shipped before early in November, as they are not matured enough to take up before that time. The latter are specially noted.

**WINTER ACONITE.**

Early in Spring the golden blossoms of the Winter Aconite look charming, resting on an emerald-green cushion of leaves and forming a striking contrast to the pure white Snowdrop, Spring Snowflake, and the lovely blue Seillas and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in situations such as under trees, and in moist situations, which the Winter Aconite enjoys, and where few other flowering plants will thrive. 3 to 8 inches high. (See cut.) 5c. each; 50c. per doz.; $1.50 per 100.

**ARUM DRACUNCULUS.**

(Dragon Arum) flowers one foot long, purple, red and black, blue, stem beautifully marbled, leaves handsome, resembling a small palm, a rapid grower, making a curious and ornamental pot plant. (See cut.) 20c. each; $2. per doz.; by mail 25c. each; $2.25 per doz.

**Agapanthus Umbellatus.**

(The Blue African Lily or Love Flower.)

This is a grand plant both for decoration outside and in the greenhouse. Foliage large and graceful, and clusters of 20 to 30 bright blue flowers crown each of the flower stalks which frequently attain a height of 3 feet—the flowers opening in succession for a long period during the Summer and Autumn. They are noble ornaments on lawns or in pots or tubs on terraces or piazzas height 2 to 3 feet. (See cut.) 35c. each; $3.50 per doz. Add for postage 10 cts. each extra.
Amaryllis, or "Knights' Star-Lily."

(If desired by mail, add 5 cts. per bulb for postage.)

Probably the most magnificent and gorgeous bulbous plant known. The immense flowers, richness of coloring and regal habit are simply incomparable. They throw up spikes from 2 to 6 feet high, bearing from 2 to 6 enormous trumpet shaped flowers, averaging 6 to 10 inches across, of great substance, some being of rich and glowing colors—others delicately shaded and superbly veined. For pot culture in the window, conservatory or greenhouse, they are well adapted—and when in bloom in the winter and spring months, no flower can approach their beauty.

A. Johnsonii. Wine red, with a white stripe down each petal, an early and abundant bloomer and a specially robust grower. 75c. each; $7.50 per doz.

A. Aulica Platypetala. "Lily of the Palace." Flowers large and extremely handsome, glowing crimson, tipped green. Splendid winter bloomer. $1.50 each.

A. Regine or Mexican Lily. Large flowers of dark red shaded with orange and white. Very fine $1.50 each.

A. Graveana. Dark orange, red with white. A charming variety, 75c. each.

A. Viittata. Clear white with double red stripes on each petal. One of the most beautiful. $1.50 each.

A. Defiance. This is a gem, being a sturdy grower, flowering repeatedly during the season. Flowers extraordinarily large, of velvety carmine red, striped and flecked and suffused with white. $1.50 each.

The set of the above 6 Varieties, $7.00.

VARIous TYPES OF AMARYLLIS.

(If desired by mail, add 5c. per bulb for postage.)

A. Formosissima. (Scarlet Jacobean Lily). A quaintly shaped beautiful flower of grand dark scarlet, free blooming. Splendid for pot culture, forces well and can be grown in water like Hyacinths; if kept dry during winter, it can be planted in the open ground in the spring and will flower during the summer. 25c. each; $2.50 per doz.; $12.00 per 100.

A. (Vallota) Purpurea. Scarborough Lily. A valuable and extraordinarily free summer and autumn bloomer, color rich bright scarlet. It does well planted in the open ground in May, and when in bud can be potted, and removed for conservatory or window decoration. It is one of the few really good window plants. (See cut). 50c. each; $5.00 per doz.

A. Belladonna Major. (Belladonna Lily.) Autumn blooming variety of extreme beauty and fragrance, the spikes grow from 2 to 3 feet high each carrying from 6 to a dozen beautiful flowers "Sweet as Lilies," of silvery white, flushed and tipped with rose. 50c. each; $5.00 per doz.

A. Ignescens. The Barbadoes Lily. Bright light scarlet, with a white star-like throat, running out into bars in the centre of the petals. 50c. each; $5.00 per doz.

For Amaryllis Atamasco, see "Zephyranthes" page 29. For Amaryllis Sarnienses, see "Nerine" page 26.
ANEMONE. (Wind Flower.)

Highly ornamental spring and summer flowering plants, having both single and double flowers, the colors of which are wonderfully beautiful, running through shades of blues, scarlets, rose, white, lavender, etc. When grown in masses they are brilliant in the extreme; if the flowers are wanted in succession from Spring to Fall—the roots should be planted in pots or cold frames in the Fall for Spring blooming—and another lot in the same way towards Spring for Summer—and another lot in the open ground in May for Autumn flowering—the latter planting should be in a partially shaded situation where the ground is moist. They are also splendid for pot culture, for flowering in the house or conservatory during Winter.

Anemone Fulgens (Scarlet Windflower). This is the most brilliant and graceful of all Winter and Spring-flowering Anemones. The rich dazzling scarlet flowers, and light elegant growth, render it the most attractive scarlet flower of Spring. It is valuable for table bouquets or vases, as it lasts a long time in water. (See cut). 5c. each; 50c. per doz.; $3.50 per 100.

Double Poppy Anemones, Mixed. The flowers of the Double Poppy Anemone resemble a semi-double Hollyhock, and are exceedingly handsome. (No. 1. See cut). 25c. per doz.; $1.50 per 100, by mail $1.65 per 100.

Single Poppy Anemones, Mixed. These handsome Single Anemones have large beautiful saucer-shaped poppy-like blossoms, and during mild seasons, or in sheltered situations, are flowering continuously throughout the Winter, Spring and early Summer. (No. 2. See cut). 25c. per doz.; $1.50 per 100; by mail, $1.65 per 100.

Double Peacock Anemones (Caen-French Anemones.) A new and superb race, with large and well-formed flowers, exceedingly double in all the shades of white flesh colored, rose, red, violet, deep blue, etc. (No. 2. See cut). 10c. each; $1.00 per doz.; $10.00 per 100.

BABIANAS.

All of this class have showy flowers of various colors; from blue to richest crimson magenta; blue predominating. Some of the varieties are finely variegated. They may be grown either in pots for ornamenting the greenhouse or parlor during the winter, or planted in a cold frame and protected from frost for Spring blossoming, height 6 to 12 inches. 5c. each; 40c. per doz.; $2.50 per 100; by mail, $2.65 per 100.

BRODIEAS.

Showy California bulbs. The flowers are usually long and tubular, and borne in clusters on slender but strong stems; from 1 to 2 feet high; they are of easy culture and succeed well planted in pots and are hardy in most positions especially in light dry soils, though in northern states it is safer to protect with a cover of leaves or litter, or plant in a cold frame. Colors range through beautiful shades of reds, blush, blues, white, etc.

Mixed Sorts, 5c. each; 75c. per doz.; $4.00 per 100.

Brodiaea Coccinea. (The California Fire Cracker Plant.) A very handsome and distinct species, with blood red flowers tipped with greenish yellow. (See cut). 10c. each; $1.00 per doz.; $6.00 per 100.

Brodiaea Grandiflora. Brilliant waxy purple flowers—one of the best 10c. each; $1.00 per doz.; $6.00 per 100.

Brodiaea Coccinea. (Fire Cracker Plant.)
Calla Lilies.

BLACK CALLA (Arum Sanctum).

A magnificent variety from the Holy Land; the leaves are large and very wavy, of a rich green color, veined light green, and resemble exactly those of the Calla Ethipica. The plant produces one large and sweet-scented flower, raised on a slender but vigorous stalk of brown-red shading to green at the upper end. The flower is about 14 inches long and 4 inches broad, of a brilliant dark purple color and green underneath, somewhat wavy at the borders and curled at the smaller end. The spike rising from the centre of the flower is about 10 inches long, velvet-like and quite black. The whole plant makes a most stately and elegant appearance, and is one of the finest novelties of the season. Price (Dry Roots) $2.00 each.

SPOTTED LEAF CALLA (Richardia Alba Maculata).

This plant is always ornamental, even when not in flower, the dark green leaves being beautifully spotted with white; in other respects the plant is the same as the old favorite white Calla, excepting being of smaller habit. In addition to its usefulness as a pot plant it makes a fine thing for planting in the garden in the summer, being very effective. (See cut.) Price, (Dry Roots) 20c. each; $2.00 per doz.

YELLOW CALLA (Richardia Hastata).

This is identical in all respect to the well-known white Calla, excepting that the flowers are of light yellow. Price, $2.00 each. (Dry Roots.)

WHITE CALLA, or Lily of the Nile. (Richardia Aethiopica.)

This old favorite is too well known to require any description. We offer dry bulbs, as they are superior for forcing and winter flowering purposes; they come into bloom quickly and require less room—making less foliage. Dry bulbs planted in 4-inch pots will give the same or better results than plants in 6-inch pots that have been kept growing or only semi-dormant.

Price of Dry Bulbs.—First size, 25c. each; $2.50 per doz.; extra large bulbs, 35c. each; $3.50 per doz.

If Callas are wanted by mail, add 3 cents per root for postage.

Calliopsis.

These are the Butterfly Tulips, or Mariposa Lilies of California, and possess such delicacy and brilliancy of color that the most unobservant are struck with their characteristic beauty. The flowers resemble a Tulip somewhat in shape, and are of brilliant colors, ranging through various shades of white, lilac, blue, crimson, yellow, etc., some being wonderfully spotted and veined, and edged or tipped with golden yellow. They succeed well when grown in pots. If grown in open ground, they should be protected, in Northern States; they love a warm sheltered, sunny position, free from moisture.

Albus, Pearly white, with a rich blotch, lined with silky hairs; flowers large, Pulchellus, Golden yellow; very fine; strong grower.

Venustus (Peacock Tulip); white inside with crimson eye-like spots; yellowish brown outside.

Price, for any of above Named Sorts, 10c. each; $1.00 per doz.; $6 per 100.

Calochortus, Mixed Varieties. 5c. each; 50c per doz.; $4 per 100.

CAMASSIA ESCULENTA.

The "Quamash" of the Indians; perfectly hardy, thriving in sheltered and partially shady situations; very handsome and valuable for flower borders; the stout flower stalks grow from 2 to 3 feet high and bear 20 or more large blue flowers, each 2 inches across; a large clump in bloom is very effective; the flowers are fine for cutting, lasting for a long time in water. Price, 10c. each; 75c. per doz.; $5.00 per 100.

CLINTONIA ANDREWSIANA.

A pretty plant, forming a tuft of bright green leaves, from which flower stalks grow about 2 feet high bearing clusters of deep rose-colored, lily-like bell-shaped flowers about 1 inch long, and produced from April to June. succeeded by blue berries. Very ornamental for damp, shady situations, and should be in every collection of hardy plants. Price, 15c. each; $1.50 per doz.
CHIONODOXA,

or Glory of the Snow.

The gentleman who discovered the C. Lucille, in the mountains east of Smyrna, thus describes it: "Near the summit a mass was met in full splendor, forming one of the most sumptuous displays of floral beauty ever beheld, a mass of blue and white, most intense and brilliant." It is praised by all as one of the most exquisite of hardy Spring flowering plants, and should be grown in quantities mingled in with other bulbs, and in borders—under shrubs where the effect is strikingly beautiful, and is also very valuable for winter blooming in the house and for forcing for cut flowers. (See cut.)

Price, 5c. each; 45c. per dozen; $3.25 per 100.

COOPERIA, or EVENING STAR FLOWER.

C. Drummondii. A night-blooming bulb, bearing from Spring until September, pure white, star-shaped blossoms, with long tubes, frequently 5 to 6 inches in length; they are exquisitely fragrant, with the odor of primroses; the bulbs are not quite hardy, but do well in a sunny, dry situation if carefully protected, but the better way is to grow them in cold frames. They are excellent pot plants for winter flowering and force well. Price, 5c. each; 50c. per dozen; $3.00 per 100.

DIELYTRA SPECTABILIS.

BLEEDING HEART.

One of our most ornamental Spring flowering plants, with elegant green foliage and long drooping racemes, of bright pink and white heart-shaped flowers on semi-transparent reddish stems. This is deemed one of the finest of all hardy garden plants and is frequently forced in the greenhouse. Ready in November. 15c. each; $1.50 doz.; or by mail, 20c. each; $2.00 doz.
ERYTHRONIUM GRANDIFLORUM.

The Giant Dog's Tooth Violet, is a beautiful plant, perfectly hardy, the foliage is charmingly variegated, and a mass of 15 or 20 plants is a pretty sight even when not in flower, but when the graceful spikes of 2 to 4 creamy white flowers are in bloom the effect is matchless. The plants luxuriate in rather moist partially shady positions and do very nicely when grown in pots for winter blooming. (See cut.)

Price: 10c. each; $1.00 per doz.; $6.00 per 100.

Dog’s Tooth Violets, Mixed Colors. Colors range through crimson, white, rose, purple, etc. 5c. each; 40c. per doz.; $3.00 per 100.

FREESIA.

F. Refracta Alba. Most interesting and beautiful and one of the most charming introductions of recent years, they force readily and can be had in bloom by Christmas if desired, and the beautiful flowers are particularly useful for cutting, as the spikes will remain in good condition kept in water for two weeks; it is easily grown in the house, blooms freely, and is highly prized for its exquisitely scented pure white flowers with a yellow blotched throat. (See cut.) Extra large bulbs, 5c. each; 50c. per doz.; $4.00 per 100.

FRITILLARIA RECURVATA.

A new and very beautiful and distinct Californian species, flowers bright scarlet and lightly mottled and spotted with yellow on the recurved segments, they are about 2 inches long and up to 9 flowers are borne on each of the stems, the latter attaining a height of about 2 feet. (See cut.) 15c. each; $1.50 per doz.

EARLY-FLOWERING HARDY GLADIOLUS “THE BRIDE.”

This beautiful Early Flowering Gladiolus is greatly prized for cut flowers in July, and on this account should be largely planted, as also for the fine effect they produce in the flower garden. G. Colvill, “The Bride,” is exceptionally valuable, and is extensively grown in pots to cut during April, May and June and may be grown in pots for indoor decoration, or to cut for filling vases, etc. Color pure white. Although termed hardy, they are all the better for a slight covering of hay or straw, put on about December 1st. 5c. each; 50c. per doz.; $3.00 per 100.

FRITILLARIA MELEAGRIS.

(Snake’s Head or Guinea Hen Flower.)

A beautiful group of spring flowering plants, bearing bell-shaped flowers of various colors, yellow, white, black, purple, striped and splashed and chequered in the most curious way. Fritillarias are beautiful subjects in the mixed flower border, where they can remain undisturbed for several years, they should be in a rich soil and in a dry locality. Mixed varieties, 5c. each; 35c. per doz.; $2.00 per 100.

HELLEBORUS NIGER.

(The Christmas or Lenten Rose)

These beautiful hardy herbaceous plants, flower in great profusion early in spring, and if grown in the house, or in frames will bloom during the Christmas holidays. The flowers, 2 to 3 inches in diameter, range through all shades of white, red, rose and purple, and some are spotted and striped with other colors, making them charming beautiful. (Ready for delivery in November.) 30c. each; $3.00 per doz.; or by mail, 35c. each; $3.50 per doz.
Japan Iris. (Iris Kämpferi.)

Ready in November.

The magnificence of these splendid new Irises surpasses description, in beauty, size of flower, richness of coloring they are grand. The flowers are of enormous size, averaging from 6 to 8 inches across, and of indescribable and charming hues and colors, varying like watered silk in the sunlight; the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. Each flower usually representing several shades, while a golden yellow blotch surrounded by a halo of blue or violet at the base of the petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in greatest profusion in June and July, and attains greatest perfection if grown in moist soil, or if plentifully supplied with water while growing and flowering. We offer only fine roots from a choice collection imported direct from Japan by ourselves. (See cut).

We have 12 grand named sorts (6 double and 6 single varieties.)

Price of Named varieties, 50c. each; set of 6 single, $2.50; set of 6 Double, $2.50; or set of 12 Double and Single, $4.00. If by mail add 5c. extra per plant for postage.

Price for Mixed varieties, (large clumps), 25c. each; $2.50 per doz.; $24.00 per 100; (add for postage 5c. each if desired by mail.)

IRIS GERMANICA.

This variety is the true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, particularly if plentifully supplied with water, or if planted in moist situations, or on the banks of ponds, etc. Plants well established in these congenial situations produce from 60 to 100 spikes of bloom, deliciously fragrant and fine for cutting. In beauty the flowers rival the finest Orchids. Colors ranging through richest yellows, intense purples, delicate blues, soft mauves, beautiful claret reds, whites, primroses and bronzes of every imaginable shade. (See cut. Ready in November.

Prices, mixed varieties, 25c. each; $2.50 per doz.; $14.00 per 100; by mail, 30c. each; $3.00 per doz.
LILY OF THE VALLEY.

(Ready for delivery on the 1st of November.)

We offer only The True Large Flowering German Varieties which is greatly superior to the Holland grown. The Lily of the Valley is one of the most useful and greatly admired plants grown; the little modest bell-shaped flowers of purest white, are highly prized for cutting purposes; and for flowering in pots in the winter they are excellently well adapted, they are also forced in immense quantities by florists, but they are the most charming when grown in large patches, and in partially shaded localities around the lawn, near the borders of streams, lakes, etc., being perfectly hardy. The Single Crowns or "pips" should always be selected for forcing and pot culture, while for open ground planting the clumps are the better. (See cut.) Prices, Selected Pips, 30c. per doz.; $2.00 per 100; $12.00 per 1,000; by mail, 35c. per doz.; $2.25 per 100. If you want Large clumps, 30c. each; $3.00 per doz.; or by mail, 40c. each; $4.00 per doz.

PINK LILY OF THE VALLEY.

A very pretty shade of rose-pink; strong pips. (See cut.) Price, 8c. each; 75c. per doz.; $5.00 per 100.

IXIAS.

The Ixia is a beautiful little winter-flowering bulb, slender, graceful growing plant, with long loose spikes of bloom. The colors are rich, varied and beautiful, the centre always differing in color from the other parts of the flower, so that the blossoms expanding in the sun's rays, present a picture of gorgeous beauty.

The descriptions refer to the flowers when open; when closed, most of the yellows and the whites have the outside of the petals red or purple; thus, the more brilliant display is when the flowers are fully expanded. (See cut.) Price, 5c. each; 25c. per doz.; $1.50 per 100.

JONQUILS.

Much prized for their charming, large golden and deliciously sweet scented flowers, perfectly hardy, and flowering very early in the spring, also admirably adapted for winter flowering in the house; 3 to 6 bulbs in a 4 or 5 inch pot. Each Per doz. Per 100
Double deep yellow, fine $0.08 $0.65 $4.00
Single rich yellow, very fragrant, 05 40 2.50
Campernelle, very large flowers, 05 40 2.50
If wanted by mail, add 15 cents extra per 100 for postage.

SPRING SNOWFLAKE.

(Leucojum vernum)

The Spring Snowflakes produce flowers like monster Snowdrops; very graceful in growth, having the delicate fragrance of the Violet. It is one of our earliest spring flowers with white blossoms, tipped green, handsome in outline and prized for bouquets. They should be grown in quantities in the borders or in spots on the edges of shrubbery, where they are beautifully effective. (See cut.) Price, 9c. each; 50c. per doz.; $2.00 per 100.

NERINE OR GUERNSEY LILIES.

These beautiful Lilies are probably the most popular and useful of the Amaryllis family; perhaps no bulb blooms with more certainty and swiftness after potting; for autumn and winter flowering they are extremely beautiful, throwing up stems from 18 to 24 inches, surmounted with clusters of lily-like flowers about two inches across; colors very brilliant, and in the sunlight glisten as if sprinkled with gold dust.

Nerine Sarniensis. (Guernsey Lily). Rich, salmon red, 30c. each; $3.00 per doz.

Nerine Sarniensis Magnifica. (Novelty.) A magnificent and rich flowering new variety, brilliant carmine, rose, shading lighter at the edges. (See cut.) $1.00 each; $10.00 per doz.

(Add for postage on Nerines if wanted by mail, 2c per bulb.)
OXALIS.

Charming little half-trailing or bushy plants, particularly adapted for pot culture and hanging baskets; the foliage alone is very attractive, and when in flower they are exceedingly pretty. (See cut.)

Bowei, vivid rosy crimson, large flower.
Lutea, splendid large canary yellow.
Lutea, fl. pl., very double bright yellow flowers.
Rosea, rose.
Alba white.
Depei. (Speciosa) rosy purple, very ornamental.
Versicolor, crimson and white.

PRICE of any of the Named Oxalis.
5 cts. each; 25 cts. per doz.; $1.75 per 100.

Mixed varieties.
5 cts. each; 20 cts. per doz.; $1.50 per 100.

DOUBLE RANUNCULUS.

Among dwarf flowers these are unrivalled for lovely form and bright and attractive colors, ranging through gorgeous shades of white, crimson, yellow, purple, and black. Many of them being beautifully marked with other shades. They flower profusely in pots in the house or if grown in frames, in the Spring. (See cut.)

Persian Mixed. Camellia or rose shaped flowers, very double, rich variety of colors.
Turban Mixed. Peony formed flowers, large and early, vivid colors.
Giant French Mixed. Remarkably vigorous growers with immense and gorgeous flowers.

Price for any of the above, 5e. ea. b.; 30c. per doz.; $1.50 per 100.

ORNITHOGALUM.

O. Arabicum. The Great Flowered Arabian Star of Bethlehem. A beautiful variety, throwing up a tall spike bearing numerous large, milk white star shaped flowers, with a black center, and having a distinct aromatic perfume. They are decidedly pretty and interesting when grown in the garden—but are more largely grown for greenhouse and window decoration, being of the easiest culture. A few displayed at one of the flower shows last winter in New York attracted universal attention and admiration. Largely forced by florists now for cut flowers. (See cut.) 15 cts. each; $1.50 per doz.; $8.00 per 100; by mail, 17 cts. each; $1.75 per doz.

O. Aureum, The Golden Star of Bethlehem. This is one of the most showy and charming of all the "Stars of Bethlehem." The flower stems grow about 9 inches to a foot high and the flowers—varying from pale lemon yellow to bright gold—open in succession for a long period. Specially adapted for pot culture, a rare bulb. $1.00 each; $10.00 per doz.

DOUBLE PEONIAS.

Ready for delivery in November.

These are noble plants exceedingly effective, the diversity of color, variety of tint, profusion and duration of bloom, combined with handsome massive foliage, accommodating habit, and easy culture render them one of the most popular hardy plants grown for lawn and garden decoration, or for mingling with shrubs, or amongst herbaceous plants in borders and wild gardens.

The flowers are large, massive, perfect in outline and most beautiful; indeed, it would be difficult to conceive a more decorative and generally useful plant, rivalling in effect the Rhododendron, and possessing the symmetry and fragrance of the Rose.

As a cut flower it is of great value, travels admirably and supplies the utmost variety of shade and color, from snow-white to the most intense crimson.

(If desired by mail, add 6c. each for postage.)
White 30c. each; $8.00 per doz.
Rose. Sweet scented, 30c. each; $5.00 per doz.
Crimson. 30c. each; $5.00 per doz.
Mixed Colors. 40c. each; $4.00 per doz.

PUSCHKINIA SCILLIOIDES.

A bulbous plant of great beauty, perfectly hardy, flowers pearly white, richly striped with pale blue down the centre of each petal, its numerous flowers springing up from the center of its peculiarly formed leaves. It is admirably adapted for edgings and forming patches in front of mixed borders, flowering in April and May, height 4 to 8 inches. They do very nicely in pots for winter flowers, if started slow and cool. (See cut.) 10c. each; $1.00 per doz.
SCILLAS.

Scilla Amona, Sibirica or Precorea. Among the most beautiful hardy Spring bulbs, producing in profusion masses of exquisite rich blue flowers almost before the snow has disappeared. If grown in masses their flowers fairly carpet the ground; and if grown with Snowdrops and Crocuses, for contrast, the effect is magnificent. They should be largely planted as undergrowth in Hyacinth Beds, etc. Grown in pots they may be had in bloom from Christmas until April. (See cuts). 5c. each; 50c. per doz.; $1.50 per 1,000; by mail, $1.65 per 100.

Scilla Peruviana. The Peruvian Hyacinth or Cuban Lily. Very beautiful, blooming rather late in Spring, bearing large pyramidal spikes of flowers, which remain in flower a long time; beautiful objects when grown in pots. Not hardy. We offer a rich ultra marine blue and a pure white variety. Prices of either sort, 20c. each, $2.00 per doz.; or by mail, 25c. each, $2.25 per doz.

Scilla Campanulata. (Wood Hyacinth.) Flowers borne on all spikes, one to two feet high. Each flower measures nearly one inch across and droops gracefully, perfectly hardy, also fine for pot culture. (See cut.) We offer 3 colors, viz.: Lovely Blue, 5c. each, 40c. per doz.; $2.50 per 100. Pearly White, 10c. each, 75c. per doz.; $8.50 per 100. Soft Rose, 10c. each, 75c. per doz.; $8.00 per 100. Add for postage 10c. per dozen to the Campanulatas.

Scilla Hyacinthoides. (Nutans.) The Spanish Hyacinth. Fine blue, very showy, free bloomer. 5c. each; 50c. per doz.; $2.00 per 100.

SNOWDROPS (Galanthus Nivalis)

In the early Spring months, there is nothing more beautiful than a sheet of snowy graceful blossoms of the Snowdrop. Beds of, and effects of surpassing beauty may be arranged with Snowdrops in the centre, edged with bright blue Scilla Sibirica, or Chionodoxa Lucilie, or by intermingling them. When practicable such plantings of the Snowdrop should be permanent. The Snowdrop and the Crocus when planted in alternate circles are very-effective and follow each other so closely, that no gap is left in the succession.

In beds of Tulips and Hyacinths, Snowdrops are very effective between the lines; they flower while these bulbs are just moving the surface, and when the flowers are over there remains an elegant groundwork of green foliage.

The Snowdrop is most generally used as a permanent edging and in masses, on the edges of lawns, nesting in the grass they look charming. Single Snowdrops, 5c. each, 25c. per doz.; $1.50 per 100.

Double Snowdrops, 5c. each, 50c. per doz.; $4.00 per 100.

Elwes' Giant Snowdrop. One of the finest of the genus at least three times the size of the ordinary single snowdrop, flowers slightly marked with green spots; very fine for cutting and slightly sweet scented. (See cut.) 10c. each, 75c. per doz.; $5.00 per 100.

SPARAXIS.

See Colored Flower on the back of the cover.

Exceedingly large and beautiful, blooms about two inches across, of the most telling combinations and of the brightest shades of color, certain to please even the most exigent; they are tigered, blotched, spotted, streaked and flushed in the most diverse and pleasing manner. They are not hardy but do exceptionally well when grown in the conservatory or house in pots, or in cold frames. Mixed varieties, 5c. each, 25c. per doz.; $1.50 per 100.
SPIREA (Astilbe) JAPONICA.
(Ready for delivery in November.)
Extensively grown for Winter and Spring decoration of the Conservatory, Greenhouse &c., the long feathery panicles of white flowers, which crown the plant are graceful and charmingly effective and last a long time in bloom—they are also of much value for cutting purposes, giving a grace and softness to cut flower work—large quantities are forced by florists for the latter purpose only. The plant is moreover perfectly hardy and valuable for the garden. 10c. each, $2.00 per doz.; $10.00 per 100; by mail, 30c. each, $1.00 per doz.

TRILLIUM GRANDIFLORUM.
(Great American Wood Lily.)
This is one of our most beautiful American plants, perfectly hardy, growing and flowering profusely in partially shaded nooks about the lawn, under trees, etc. The flowers are large, of the finest white, changing in a few days to soft rose, if grown several in a pot, it makes one of our best white Winter flowers. See cut. Price, 10c. each, 75c. per doz.

TROPÉOLUM JARRATTI.
TROPÉOLUM JARRATTI.
A beautiful and graceful climbing plant for the conservatory and window garden, producing in the early Spring months richly colored flowers of scarlet, yellow and black. They can be grown in pots and trained over low trellises—or as a bracket plant in the window it is charming. (See cut.) 25c. each; $2.50 per doz.

Henderson’s Bulb Culture, our new treatise just issued, tells how to grow bulbs for Winter flowering in the window, greenhouse or conservatory, or Spring flowering in the garden; it also treats on Summer flowering bulbs—tells how to force bulbs, etc., etc. Read fuller details of contents on page 64.

TRILELIA UNIFLORA.
(Spring Star Flower.)
A perfect little gem for either pot culture or for borders. It flowers in very early Spring months; the bulbs are small and several should be grown in a pot, it grows about 6 to 8 inches high. Each bulb producing several pretty star-shaped flowers, 1 to 2 inches across, of a delicate milky white suffused with blue, and emits the perfume of primroses; they are perfectly hardy, and grown in quantities in a sunny border or for edgings they are very effective, blooming in early Spring ripening off so annually or bedding plants can be planted over them. (See cut.) 5c. each; 25c. per doz.; $1.75 per 100.

TRILLIUM GRANDIFLORUM.
ZEPHYRANTHES.
Popularly known as “Zephyr Flowers” and “Flowers of the West Wind,” they are among our most beautiful dwarf bulbous plants, very effective for planting out in masses in May, flowering with great profusion during the Summer. They are also most suitable for pot culture, 6 to 12 bulbs clustered in a 6-inch pot in the Autumn will give a fine display of bloom during the Winter in the window garden or conservatory.
Z. Atamasco, flowers, about 3 inches long, white suffused with flesh color, profuse bloomer, 1 foot high, hardy. We know of borders of it as far North as Connecticut, that have stood the colds of several winters. (See cut.) 5c. each, 50c. per doz.; $5.00 per 100.
Z. Rosea. Beautiful, large rose colored flowers about 3 inches across, profuse blooming, a quantity of a dozen or more will give an effective display. Height 6 inches. 10c. each, $1.00 per doz.; $7.00 per 100.

ZEPHYRANTHES ATAMASCO.

TRILELIA UNIFLORA.
being planted. This mode of planting is termed "naturalizing," and is now generally followed in Great Britain and on the continent. It adds a charm to tangled and half wild places, heightens the natural effects of light and shade, and imparts a natural grace and beauty to the scene. Our collection is made up of such sorts as give the greatest range of color with the longest period of bloom, so that an assortment of flowers can be had throughout the season. We offer these collections at one-third below the regular price, so as to encourage this style of planting.

**COLLECTIONS OF HARDY BULBS FOR NATURALIZING.**


Total of 600 Bulbs for $8.00 by Express. At the regular retail rates they would cost about $12.00.

(If by mail add 60c. for postage.)

Collection No. 97.—Hardy Bulbs for Naturalizing. Containing half quantities of each in No. 96. Total of 300 Bulbs for $4.50.

(Add 30c. extra if desired by mail.)

Collection No. 98.—Hardy Bulbs for Naturalizing. One fourth of each variety in No. 96. Total of 150 bulbs for $2.50.

(If by mail, add 15c. extra for postage.)

**COLLECTIONS OF SINGLE EARLY FLOWERING TULIPS FOR WINTER FLOWERING.**

Best Sorts for Pot Culture for Winter Flowering and Forcing. (See page 8 for descriptions.)

Collection No. 30.—600 Bulbs—100 each 6 distinct sorts, viz.: 100 Belle Alliance (scarlet); 100 Canary Bird (yellow); 100 Kaiser Kroon (crimson, yellow margin); 100 Rosa Mundi (rose); 100 Queen Victoria (white); 100 Bizard Virdik (striped red and yellow.) Price, $14.00.

Collection No. 31.—300 Bulbs—50 each 6 distinct sorts named in No. 30. Price, $7.50.


(If desired by mail add at the rate of 6 cts. per dozen for postage.)

**COLLECTIONS OF EARLY FLOWERING DOUBLE TULIPS FOR WINTER FLOWERING.**

Suitable for Pot Culture, for Winter Flowering and Forcing. (See page 9 for descriptions.)

(Do not keep them too warm—force them slower than Single Tulips.)

Collection No. 34.—600 Bulbs—100 each 6 distinct sorts, viz.: 100 La Candeur (white); 100 Imperator Rubrum (scarlet); 100 Turnesol (yellow); 100 Murillo (white and rose); 100 Duc Van Thol (red and yellow); 100 Gloria Solis (crimson, yellow margin.) Price $14.00.

Collection No. 35.—300 Bulbs—50 each of the 6 distinct sorts in No. 34. Price, $7.50.


(If desired by mail add at the rate of 6 cts. per dozen for postage.)
THE True Bermuda Easter Lily.

(Pilium Harrisii.)

Pure, pearly white, deliciously fragrant, and a remarkable profusion of bloom characterize this charming and celebrated Easter Lily. It is one of the grandest acquisitions made in many years. Without exception, it is one of the most valuable bulbs for winter flowering in the house. A profusion of bloom may be had from Christmas until Spring—with a dozen bulbs or more. Bulbs after flowering can be rested a couple of months by withholding water, and will then produce another crop of flowers frequently equal to the first.

It is a magnificent variety for church decoration at Easter, and tens of thousands are grown for this purpose alone. Our First Size bulbs (averaging 5 to 7 inches) will bear from 5 to 8 flowers and sometimes many more. Very large bulbs in their native place have borne as high as 112 flowers, but this, of course, is an exception. The flowers are purest white, 4 to 5 inches long, and of the most delicious fragrance.

It is also one of the best bulbs for forcing purposes for cut flowers in the winter, and is largely grown by florists for this purpose as it can always be depended upon to yield an abundant and profitable crop of flowers in half the time required to bring any other lily into bloom and with proper management can be brought into bloom at any desired time in the winter.

The True Bermuda Easter Lily is equally as valuable for planting in the garden, and is entirely hardy south of Washington, and will stand our winters in this latitude, if covered with leaves and litter to a depth of 5 or 6 inches.

PRICES OF THE BULBS.

First Size Bulbs (5 to 7 inches in circumference, produce 5 to 8 flowers,) 25c. each; 3 for 65c.; 6 for $1.15; 12 for $2.00; $10.00 per 100. (If desired by mail add 2c. per bulb for postage.)

Extra Large Bulbs (7 to 9 inches in circumference, produce 10 to 20 flowers,) 35c. each; 3 for $1.00; 6 for $1.75; 12 for $3.25; $15.00 per 100. (If desired by mail add 5c. per bulb for postage.)

Monstrous Bulbs (9 to 11 inches in circumference), 75c. each; 3 for $2.00; 6 for $3.75; 12 for $7.00. (If desired by mail add 8c. per bulb for postage.)

Culture of the TRUE BERMUDA EASTER LILY. For Winter Flowering.

Use a 6 or 7 inch pot for bulbs 5 to 7 inches around, and for bulbs 7 to 9 inches around, an 8 to 9 inch pot. After potting water thoroughly. Like all other bulbs, to get the best results in flowering, the pots must be filled with roots before the top starts to grow; and, to do this, they must be placed in some cool place and excluded from the light. Those that are potted in September or October should be placed outside in a level dry spot in the open ground, and covered completely up with leaves or litter to the depth of 4 or 5 inches, or have the pots sunk in the ground taking care to place coal ashes or cinders underneath the pot to prevent worms from entering the pot. When, on examination, the roots are found to be formed around the ball of earth, the pots can be placed in a sunny position in the house or greenhouse, where they are intended to be flowered, and if kept in a temperature of from 60 to 70 degrees, will come in bloom throughout December, January, and February. Those potted later—say in November or December—should be placed in a cool cellar, or cold frame, and covered up in the same way as recommended for those placed out doors, until they also form roots, and they will flower from February to April if kept in a temperature of 60 to 70 degrees.

To Have a Succession of Bloom. At least a dozen bulbs should be used, more would of course give a greater display. A portion of the pots can be brought in the house, after the bulbs are thoroughly rooted, which requires about 6 weeks' time. Place in a sunny position and the bulbs will flower in a temperature of from 60 to 70 in about 8 weeks afterwards, if the temperature be warmer they will flower sooner. For succession of bloom a few pots can be "brought in" at intervals of two or three weeks.

Open Ground Culture. The soil should be deep, rich, light loam, and position should be chosen where it is sunny and the water will not stand on the bed. Plant the bulbs at least 3 or 4 inches deep. The Bermuda Lily is entirely hardy south of Washington, and will stand our winters in nearly all parts of the Northern and Western States, if covered up with 4 or 5 inches of dry leaves or litter on the approach of cold weather in December. If the bulbs are to be kept until spring before planting they should be placed in sand and kept in a cool dark cellar or cold frame, where they will be as cool as possible, without freezing, this will prevent the bulbs from starting and the moist sand will keep them plump and healthy.
LILIES

Lilies are marvelous amongst hardy plants for beauty of form and variety of color. They commence flowering in May, and with the various species, maintain a continuous unbroken succession of bloom until autumn. Very valuable to associate in beds with Rhododendrons, Peonies, and Herbaceous plants. (If wanted by mail, add at the rate of $2.50 per bulb for postage.)

Orders for Lilies cannot be filled before November excepting for Candidum and Harrisi, which are ready August 1.

1. Auratum. (The Golden Rayed Lily of Japan). We offer this season a large stock of splendid sound bulbs of this peerless variety, which, beyond question, is the grandest of all the lily family. The flowers are pure white, thickly studded with crimson spots, white through the centre of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across, are produced abundantly from June to October and possess a most delicious fragrance. 2 to 3 feet. First Size Bulbs, 25c each; $2.50 per doz. Extra Large Bulbs, 35c each; $3.50 per doz.

NEW AND GRAND VARIETIES OF AURATUM.

We are importing from Japan some of these new and most beautiful Lilies.

1. Auratum Macranthum. A giant flowered variety of the regular Auratum. Grand, Each, $1.75; $15.00 per doz.

2. Auratum Vitatum Rubrum. Magnificent flowers 10 to 12 inches across. Clear white, with a burnished crimson stripe half an inch wide through the centre of each petal, and the rest of the flower beautifully spotted crimson; highly perfumed, (see cut). Each $1.25; $12.00 per doz.

3. Auratum Pictum. Another grand variety. Large white, flowers, magnificently spotted with crimson and ribbed with yellow changing to vermilion toward the ends; very fragrant. Each, $1.50; $15.00 per doz.

4. Auratum Virginale Alba. Very large white flowers (10 to 12 inches across), with pale yellow stripe through each petal; exquisitely perfumed. Each, $1.25; $12.00 per doz.

5. Auratum Wittelii. Magnificent flowers 10 to 12 inch across; pure white with raised spots of satin white, and a broad yellow stripe through the centre of each petal. Each, $2.00; $20.00 per doz.


Bloomeranum. (See Humboldti.) Bulbiferum. (See Croceum.)

LILUM AURATUM RUBRUM VITTATUM.

*Brownii. A magnificent variety with large flowers pure white inside, purple tinted outside, the stamens are of a rich chocolate color, 1 to 2 feet high. (June) $1.50 each; $15.00 per doz.

*Canadaese. A variety of above; color, all yellow. 15c each; $1.50 per doz.; by mail, 25c.

*Candidum. (Annunciation, or St. Joseph Lily.) The well-known garden Lily; snow-white fragrant blossoms. It is also one of the best forcing lilies for florists. 3 to 4 feet; blooms in the open ground about June. 10c. each; $1.00 per doz.; $6.00 per 100.

*Coridion. A Japan variety. Bright yellow with reddish brown spots. 25c each; $2.50 per doz.

*Columbiae. A native Northwestern variety. Splendid reddish orange dotted with purple; 1 1/2 to 2 ft. 50c each; $5.00 per doz.

*Crocem. (Bulbiferum.) Broad funnel shaped flowers of beautiful golden slightly tinted scarlet; 3 to 6 ft.; July. 30c each; $3.00 per doz.

Colchicum. See (Monodelphum).

*Chalcedonticum. ( Scarlet Martagon.) Bright scarlet recurved flowers; June; 3 ft. 50c each; $5.00 per doz.

Elegans. Known also as Thumbergianum and Umbellatum. There are several varieties of Elegans. We offer only the best and most distinct. They are all very hardy and succeed anywhere. Flowers erect and borne in clusters. Bloom in June and July. Mixed colors 15c each; $1.50 per doz. For named varieties of Elegans see next page.

*Umbellatum.
LILIES—Continued.*

If wanted by mail, add at the rate of 3 cents per bulb for postage.

**Elegans Atrosanguineum.** Rich blood crimson, spotted with black; July; 1½ feet high. 75c. each; $1.50 per dozen.

**Alice Wilson.** A beautiful new distinct Japan variety, with large upright flowers. 6 inches across, of clear lemon-yellow; $2.00 each; $20.00 per doz.

**Incomparable.** A magnificent new Japanese sort. Large, rich blood-red flowers, spotted and splashed with lemon yellow; very beautiful. Each, $2.50; $25.00 per doz.

**Flora Plena.** A new Japanese variety of this elegant class; flowers are large and quite double, bright spotted with maroon—back of petals orange red. $2.00 each; $20.00 per doz.

**Excelsum.** *(Isabellinum or Testaceum.)* The stately form, beauty of color and delightful fragrance of this variety has made it a great favorite wherever known. It grows from 4 to 6 feet high, and produces from 6 to 12 nodding lilies of delicate light buff color. June and July. 60c. each; $6.00 per doz.

**Hansonii.** The flowers are borne in clusters, petals remarkably thick, giving the appearance of having been produced in wax. The outside is yellow, streaked with white; and the inside bright yellow spotted with purple. It is one of the most interesting and valuable species introduced in some time; 2 feet high; July. $1.50 each; $15.00 per doz.

**Humboldtii.** *(Bloomerianum.)* A remarkably fine variety, attaining the height of 3 to 5 feet, and producing freely large flowers of golden-yellow color, spotted with purple. A native of California, (July.) *(See cut)* 50c. each; $5.00 per doz.

**Isabellinum.** *(See Excelsum.)*

**Kramerii.** Distinct from all other lilies; large flowers of a soft, beautiful rose-color. 50c. each; $5.00 per doz. *(See cut.)*
**LILIES—Continued.**

(If wanted by mail, add at the rate of 3c. per bulb for postage.)

**Speciosum.** (See cut.) These varieties are perhaps the most popular lilies grown, being easy of cultivation, and produce large flowers of delicate beauty on strong stems, grows from 2 to 4 feet high, and blooms in August. The varieties are:

- **Speciosum Album.** Purest white. 30c. each; $3.00 per doz.
- **Roseum.** White shaded and spotted with rose. 20c. each; $2.00 per doz.
- **Rubrum.** White shaded with deep rose and spotted red. 20c. each; $2.00 per doz.
- **Punctatum.** Pale rose, with deep rose spots, which are raised above the surface of the flower. 40c. each; $4.00 per doz.
- **Preco*color.* Color, pure white with a slight tinge on the ends of the petals; form perfect; petals more reflected than in the other varieties of the species. The fringe in the centre of the flower is very long and fine, giving it an exquisite appearance. 40c. each; $4.00 per doz.

- **Purpuratum,** A very richly colored variety. Dark rose with brilliant blood-red spots; very fine. 50c. each; $5.00 per doz.

**Superbum.** (Turk's Cap Lily.) One of our native species. When established in good rich soil it will produce upward of 50 beautiful orange tipped red, spotted flowers in a pyramid cluster; 3 to 5 feet. (July,) 12c. each; $1.50 per doz.

**Tenuifolium.** (Siberian or Slender Leaved Lily.) A most charming species, with very narrow leaves, and brilliant scarlet flowers. 1 to 2 feet. (June and July.) 25c. each; $2.50 per doz.

**Testaceum.** (See Excelsum.)

**Umbellatum.** (See Elegans.)

**Washingtonianum.** A beautiful California variety, growing stiff and erect. Flowers white, tinted with purple and lilac—8 to 9 inches across, when fully expanded. 3 to 5 feet high. Blooms in the Summer. 30c. each; $3.00 per doz.

**Rubescens, or Washingtonianum Purpureum.** A fine variety, with violet white flowers and purple black spots. 30c. each; $3.00 per doz.

**Wallacei.** Erect flowers of orange spotted black, well opened and beautiful. Height, 1 to 3 feet. Blooms in August. 25c. each; $2.50 per doz.

**COLLECTIONS OF LILY BULBS.**

A collection of beautiful standard inexpensive varieties (ranging $3.00 per dozen and below,) just what is wanted for planting and naturalizing, in quantities either in beds or amongst shrubbery, etc.

Collection No. A contains 150 bulbs, 6 each of 25 varieties, marked (*). Price, $20.00.

Collection No. B contains 75 bulbs, 3 each of 25 varieties, marked (*). Price, $11.00.

Collection No. C contains 25 bulbs, 1 each of 25 varieties, marked (*). Price, $8.00.

Collection No. D of choice Lilies. 13 varieties, 1 each of sorts marked (H). Price, $7.00.

Collection No. E of new and rare Lilies. 1 each of 11 varieties, marked (*). Price, $15.00.

(If wanted by mail, add at the rate of 3c. per bulb for postage.)
Plant Department.

Foliage and Flowering Plants,
For Greenhouse, Conservatory and Window Garden.

Nothing enhances the appearance of a home so much during the Fall, Winter and Spring months as growing plants, both foliage and flowering. We have for years made a specialty of preparing plants for this purpose, and our stock this year is larger, more varied and in finer condition than ever. We call particular attention to our list of Fruits, and venture to say, that for the money expended there is nothing we offer which will give more satisfaction to our customers. They are especially grown for window and room culture, and with ordinary care may be kept in perfect condition for years. Our stock of Roses, Carnations, Primroses, Chrysanthemums, and other winter blooming plants, offered in the succeeding pages, is exceptionally fine, and contains only such new sorts and standard varieties as are specially adapted for this purpose. In this connection we would say, that the variety of plants which will thrive and bloom during the winter months is comparatively limited, and the lack of success which occasionally discourages amateurs, is due more frequently to a poor selection of varieties than mistakes in culture. With this point in view, we have carefully selected only such sorts as are adapted for this purpose, so that the most inexperienced amateur is perfectly safe in ordering from this catalogue, from the fact that it contains only such plants as are highly ornamental, either in flower or foliage, during the Fall, Winter and early Spring months. We also offer a range of sizes in nearly everything, thus enabling customers to secure a large plant for immediate effect, or a small one at a low price if desired.

Methods of Culture.—Cultural instructions to be of any value must be full and explicit, and as the restricted space of a catalogue will not allow this, therefore, for the successful cultivation of plants in Winter, and for other general information in regard to the cultivation of plants, whether of Fruits, Flowers, or Vegetables, we refer our customers to the new edition of "Gardening for Pleasure," a copy of which will be sent free to all purchasers of $15.00 worth or upwards of plants from this catalogue. The price of the book is $2.00. For full list of premiums page 64. Our Annual Descriptive Catalogue of Plants, Flower and Vegetable Seeds, Implements, etc., (our complete list of "Everything for the Garden") will be sent to our customers about January 1st, 1891.

Bulbs, Seeds, or any other article offered in this catalogue, can be sent with plants in the same package when desired.

We always put in enough extra plants to compensate for Express Charges.

Collections for House Culture.—Many amateurs are often at a loss what plants to select from the great variety offered in a catalogue, and to aid such we offer the following collections. In these collections we send our best plants and finest varieties, and purchasers secure them at less than regular rates, but in every instance the selection must be left to us. These collections embrace all the leading plants suitable for winter flowering or decorating, all of which may be grown in a light window of sitting room where there is no greenhouse:—such as Acanthus, Azaleas, Begonias, Bouvardias, Carnations, Crotons, Chrysanthemums, Camellias, Dracenas, Fuchsias, Geraniums, Heliotropes, Palms, Pandanuses, Primulas, Roses, Violets, etc., etc.

Collection No. 1. 12 plants for $2.25.
Collection No. 2. 25 plants for $4.00.
Collection No. 3. 50 plants for $6.00.
Collection No. 4. 100 plants for $10.00.

Prices.—Remember in comparing the prices in this catalogue with those of catalogues issued in the Spring, that the plants offered here are on an average double the size of plants sold in the Spring. Having well grown plants to begin with is the great secret of success in growing winter flowers.
The Pink Ostrich Plume Chrysanthemum

"Louis Boehmer."

Ready January 1st, 1891. Orders taken now.

The title of "Ostrich Plume" we have applied to this new type of the Chrysanthemum to distinguish it for all time from those previously known, but more particularly to direct attention to the soft feathery growth with which the flowers are thickly studded, forming so striking a resemblance to an Ostrich Plume that this title was instantly suggested to us when we first saw it. We take great pleasure therefore in announcing that we have received from Japan a few plants (the entire stock) of a gorgeous pink variety of the white "Ostrich Plume Chrysanthemum" (Mrs. Alpheus Hardy,) which was the forerunner of this beautiful class. The "Louis Boehmer" is identical in its strange and beautiful formation with that variety, but its color is an exquisite shade of silvery pink. We have given it the name of the distinguished botanical collector, Louis Boehmer, to whom horticulture is indebted for many valuable introductions from Japan. Our stock is in splendid condition and we can fill all orders with strong plants by January 1st, 1891. Orders booked now for delivery at that time. (See cut.)

Price, strong plants, $1.00 each.

The White Ostrich Plume Chrysanthemum.

"Mrs. Alpheus Hardy."

This grand variety was the forerunner of the new "Ostrich Plume" class of chrysanthemums and well deserves the high encomiums passed upon it. Flowers of the largest size and purest white, gracefully incurved, the petals being thickly studded with a soft feathery growth easily suggested the title of "Ostrich Plume" at first sight, as the term above all others which most fitly describes its unique beauty. Plants ready now. (See cut.)

Price, 1st size, fine plants for immediate effect, 75c. each; $7.50 per doz. Small plants, 15c. each; $1.50 per doz.

General List of Chrysanthemums

(Specially prepared for flowering in pots.)

We offer a select list of varieties which we have grown on during the summer months for fall and winter blooming in pots. They are fine large plants, and will give a splendid display of bloom. For List of Varieties see next Page.
CHRYSANTHEMUMS, Continued.
Large Plants from 6-inch Pots for Immediate Effect.

Ben Hur. Shell pink, long silky petals.
Canary Bird Straw color, a small flowering sort.
Cashmere. Orange scarlet tipped golden yellow.
Cullingfordii. Deep mahogany crimson.
Golden Lace. Bright yellow, finely cut.
Glorious. Golden yellow, very early.
Julius Caesar. Blood red, large and full.
Kito. Waxy yellow, twisted petals.
Lillian Bird. Shrimp pink.

Lizzie Cannon.
Deep brassy yellow.

Leopard. See cut and description below.
Mrs. Humphreys. Pure white, very fine.
Mrs. Wm. Barr. Pure white, finely incurved.
Mrs. Wheeler. Red and old gold, very attractive.
M. L. Fabre.
Beautiful rosy pink.

Moonlight.
Creamy white.

Mrs. Norris.
Dark claret.

Henry Connell.
Deep yellow.

John Welch.
Dark crimson maroon.

Pieter Diaz.
Brilliant crimson.

Vallee d'Andorre.
Dark red tipped golden yellow.

Isabella Bott.
Pure white.

Minnie Palmer.
Pure white, fluffy.

Nellie Bly.
Golden yellow, very pretty.

Sokoto. Bright yellow, large and full.
Mme. C. Audiguier. Clear pink.
Robt. Bottomley. Large, pure white.
Elaine. Snow white.

Wenonah. Silvery white, tipped rosy pink.

Ettie Lane. A fine quilled variety, silvery white at the base of the petals, deepening to rosy pink at the tips. This variety was introduced by us this season. For fuller description see next page.

Puritan. White tinted lilac.

Thorpe Junior. Clear yellow very early.

Golden Prince.
Large golden yellow.

Pres. Hyde. One of the best yellow sorts we offer, large finely formed flowers.

Wm. Barr.
Bright crimson shading to golden yellow.

Price for any of the above varieties strong plants for immediate effect. 50c. each; $1.50 per doz.

HOW TO GROW Chrysanthemums.

We issue a special pamphlet on the cultivation of the Chrysanthemum, which we believe gives the essential points of culture in a clear and concise form. This we will send free to our customers on application. Do not fail to ask for it when ordering either plants seeds or bulbs.

SMALL PLANTS OF CHRYSANTHEMUMS.

We carry in stock all the varieties offered in our "Manual of Everything for the Garden," on pages 115 to 120 inclusive under the titles of "First Premium Group," "Cream Collection," "Early Collection," "Exhibition Collection," "Christmas Collection," and "General Collection." These plants are all growing in 2½ in. pots will all flower this season and are in splendid shape to plant out this Fall for next seasons flowering. As an extra inducement to our customers we offer them at a reduction of 25 per cent. (when any collection is taken entire) from last spring's prices. Single Plants of any one variety at regular rates.

The above Engraving of C. "Leopard" gives an excellent idea of this most distinct variety. The ground color is a deep shade of carmine, irregularly splashed and spotted with pure white, entirely different from anything else. It is of full average size, graceful form, and has the great advantage of being one of the latest flowering kinds. Price, first size, 50c. each; second size, 25c. each; $2.50 per doz.
New Chrysanthemum, "Petite Lane."

This variety was shown at the exhibition held in Philadelphia in the fall of 1888, and we at once bought the entire stock. It is, perhaps, the best example of the new race of quilled varieties with broad petals, as shown in the cut. The color is a silvery white at the base of the petals, gradually deepening to rosy pink at the tips, the openings at the ends being deep claret. (See cut.)

Price, first size, 50c. each; second size, 25c. each; $2.25 per doz.

The Oriental Group of New Chrysanthemums for 1890.

The group of Chrysanthemums below named was selected by our agent in Japan last season, and flowered by us in the autumn of 1889. We offer them now under the title of THE ORIENTAL GROUP, as they were selected from the finest Eastern collections. Taken as a whole they represent every type and variety of the Japanese section, with some markedly distinct and novel departures in form and color. Notably the one we name Cashmere which is the best type of the new class styled "Cockade" varieties. Many of them will unquestionably become standard sorts, as did the collection from the same source sent out by us two years ago.

Arabian. Piped petals; lilac rose, tipped carmine.
Ben Hur. Long silken petals; beautiful pink.
Brahma. Large; pure white; forked petals.
Cashmere. Long wavy petals; orange scarlet, tipped golden yellow. One of the new "Cockade" varieties.
Damascus. Flat Petals; scarlet and yellow.
Delhi. Orange and yellow; delicate wavy petals.
Ismail. Pure white; fine petals, like a cotton ball.
Java. Crimson purple; petals thin and tipped lilac.
Khiva. Fine petals—one half white, the other lilac.
Lallah Rookh. Buffish carmine piped petals, the tops showing a tendency to develop a feathery growth like the "Ostrich Plume" varieties offered on page 36.
Mahomet. Deep golden yellow.
Mecca. Yellow piped petals, ends forked.
Mokanna. Yellow long piped petals.
Nineveh. Lilac Rose, inside darker; very fine.

Omar. Very dark ox-blood red.
Palestine. Deep golden yellow; long drooping petals.
Queen of Sheba. Brilliant carmine; inside petals fringed.
St. Sophia. Large lilac; extra fine flower.
Syria. Extra large yellow, penciled carmine.
Saracen. Medium white flower, lasting a long while in flower.
Saladin. Long ribbon-like petals; looks as if dusted with gold.
Turcoman. Piped petals; pure white.
Vishnu. Anemone flowered, outer petals pure white.
Vizier. White anemone flowered, outer petals long and curled.

Price, strong plants from 2 in. pots, 30 cts, each.
The Oriental Group of 24 sorts for $6.00. (A reduction of one-third from price quoted in our spring catalogue.)
ABUTILON "Eclipse."

One of the newer varieties, which partakes of the trailing qualities of *A. Megapotamicum*, but has much larger flowers and leaves; the latter being beautifully mottled yellow and green. It is very useful as a vase and basket plant, and is largely used in some sections for bedding purposes. Price, 30c. each; $3.00 per doz.

We can also supply 12 other varieties of Abutilons at 15c. each; $1.50 per doz.

**BEGONIAS.—In Variety**

The flowers are beautiful, drooping in graceful panicles of various colors. They are largely used in the construction of bouquets, etc. Price, 15c. each; $1.50 per doz.

**NEW DWARF BOUQUARDIA.**

White Bouquet. An entirely novel and distinct variety. It is a sport from *B. Freelandii*, having the same finely formed pure white truss of that variety. It is distinct in being *earlier in flowering*, but above all, its great merit lies in its exceedingly dwarf and rounded habit, forming a bush which resembles a white bouquet, the flowers nestling in the leaves, so that each individual truss forms a miniature white bouquet. Price, 30c. each; $3.00 per doz.

**WHITE CALLA LILY.**

This old favorite is so generally known that a description is unnecessary. 30c. and 50c. each; $3.00 and $4.50 per doz.

**CHINESE AZALEAS.**

For House Culture.

Few plants reward the cultivator more liberally with wealth of bloom than these, and no collection of plants, however small, should be without them. The engraving was made from plant 6 feet high and 4 feet wide. Exhibited at our store last year, it was the wonder and admiration of thousands, yet it received only ordinary attention, and any amateur with a little care can do as well. We offer a grand collection—the best we could select in

**CROTONS.**

No collection is complete without some of these beautiful plants whose wonderful variation it is impossible to describe. The plant shown in the engraving is *C. Aureum Maculatum*, or "Bird's Egg" Croton. This and Croton *Camptophyllum*, are among the most useful of their class. In addition to the two above mentioned we can supply ten other varieties, all entirely distinct. Price, 50c. each; set of 12 sorts for $5.00.

**ASPARAGUS PLUMOSUS NANUS.**

One of the handsomest of our foliage plants. The leaves are a bright green, are gracefully arched, and are as finely woven as the finest silken mesh, their lasting qualities when cut are remarkable, retaining their freshness for weeks, hence it ranks as the most valuable plant we have for this purpose, surpassing Maiden Hair Ferns in grace, fineness of texture and richness of color. Price, Strong Plants, $1.00 each.

**DOUBLE GOLDEN MARGUERITE.**

Anthemis Coronaria, fl. pl.

The engraving in our large Spring Catalogue gives a fair idea of this most beautiful plant. Nothing could be more showy, either as a pot plant or banded out. This plant might well be called the "Shower of Gold;" as it is a perfect mass of rich golden yellow flowers, the whole year round. Well grown plants having as many as 150 flowers on them at once. Fine for winter flowering. Price, 20c. each; $2.00 per doz.
CAMELLIA JAPONICA.

We offer splendid plants of the above which have been specially grown for Winter flowers. They embrace Double White, Double Pink, Double Crimson, Double Variegated and Double Red. (See cut.)

Price, extra size plants in bud, $3.00 each; 1st size (in bud) $1.50 each; 2d size, Double White and Double Mixed only (in bud) at 75c. each; $6.00 per dozen.

EUCHARIS AMAZONICA.

The flowers are pure white, star-shaped, and deliciously fragrant. Price, extra strong flowering plants, in 8 inch pots, $2.00 each; small plants, 50c. each; $4.50 per dozen.

HOUSE FERNS. (Choice Varieties.)

These are among the most desirable of plants for baskets, wardian cases and general house culture. Twelve best sorts, including "Maiden Hair" varieties, 25c. each; $2.25 per dozen.

CAPE JESSAMINE. (Gardenia.)

Splendid plants for winter flowers. The blooms are pure white, 2½ inches across and deliciously fragrant, they are recognized as being among the most fashionable of our winter flowers.

Strong blooming plants, 50c. each.

JASMINUM REVOLUTUM.

Bright golden yellow, blooming in clusters, very attractive and deliciously fragrant. 25c. each; $2.25 per doz.

JASMINUM HIRSUTUM.

Pure white, blooms in clusters, 25c. each; $2.25 per doz.

JASMINUM GRANDIFLORUM.

 Widely known as the "Star flowered Jessamine" Pure white flowers deliciously fragrant. The flowers add grace and beauty to bouquets, baskets, etc. Price, 20c. each, $2.00 per dozen.
CHINESE PRIMROSES.
For winter flowers, there is no more desirable plant than the Chinese Primrose. They are easily grown and flower incessantly throughout the winter. Our plants comprise all the shades of crimson, pink, white and variegated. Single flowers measuring 5 inches in circumference. 1st size, 25 cts. each; 2d size, 15 cts. each; $1.50 per dozen. (See cut).

POINSETTIA PULCHERRIMA.
A very showy plant, producing gorgeous brilliant red bracts about the holiday season. Price, 50 cts. each; $3.00 per dozen.

PASSIFLORA PRINCEPS.
(The True Scarlet Passion Flower).
One of the grandest plants for the greenhouse or conservatory. When covered with its brilliant red flowers it is surpassingly beautiful. Price, large plants, 75 cts. each. Smaller plants, 50 cts. each.

SMILAX VINES.
Familiar to every one. Easily grown if trained to strings or stakes. 15 cts. each; $1.50 per dozen.

VIOLET, MARIE LOUISE.
The well-known double purple variety. We offer strong plants, which have been specially prepared for winter blooming, so that any amateur will have no difficulty in growing them. Price, 50 cts. each; $3.00 per dozen.

STEPHANOTIS FLORIBUNDA.
The Stephanotis is almost universally regarded as the embodiment of all that is chaste and beautiful in flowers. It twines as shown in the engraving, blooming in late winter, its clusters of pure white deliciously fragrant, jessamine-like flowers, are eagerly sought by the most fastidious. Price, 75 cts. each.

GERANIUMS. (Winter Flowering).
Young vigorous plants which will produce flowers abundantly throughout the winter and can be planted out of doors next Spring, blooming all season.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bijou</td>
<td>Bright scarlet</td>
<td></td>
</tr>
<tr>
<td>White Swan</td>
<td>Pure white</td>
<td></td>
</tr>
<tr>
<td>Mrs. Cope</td>
<td>Bright salmon</td>
<td></td>
</tr>
<tr>
<td>Golden Dawn</td>
<td>Orange scarlet</td>
<td></td>
</tr>
<tr>
<td>Glorie de France</td>
<td>Salmon</td>
<td></td>
</tr>
<tr>
<td>Anna Monde</td>
<td>Brilliant pink</td>
<td></td>
</tr>
<tr>
<td>M. Pasteur</td>
<td>Purplish crimson</td>
<td></td>
</tr>
<tr>
<td>Jas. Vick</td>
<td>Deep salmon</td>
<td></td>
</tr>
<tr>
<td>Dble. Gen. Grant</td>
<td>Bright red</td>
<td></td>
</tr>
<tr>
<td>Grand Chancellor</td>
<td>Dk. crimson</td>
<td></td>
</tr>
<tr>
<td>Gen. Grant</td>
<td>Bright red</td>
<td></td>
</tr>
<tr>
<td>Queen Olga</td>
<td>Deep pink</td>
<td></td>
</tr>
</tbody>
</table>

Price, 15 cts each; $1.50 for set of 12.
Palms, Pandanus, Dracaenas, &c.,

**LATANIA BORBONICA.**

This is the typical Palm, and is more largely used than any other. Its strong, healthy habit commends it to all, and gives it a fitness for window and room culture not possessed in the same degree perhaps by any other. *(See cut.)*

**Price**—1st size, 2 to 3 feet high, $5.00 each. 2d “ 1½ to 2 “ 3.00 “ 3d “ 1 “ 1½ “ 1.00 “ 4th “ small plants, ..... 30 “

**ARECA VERSCHAFFELTII.**

This is one of the most attractive sorts in our list. The foliage is strong and gracefully arched, the leaflets alternating on either side of the stem, the mid rib in each being a creamy white, while the steams are a deep golden yellow, which adds a peculiar charm to it. Its strength renders it less liable to damage than almost any other. *(See cut.)*

Price, Plants 2 to 2½ ft. high............................ $2.50 each.

**ARECA LUTESCENS.**

This majestic Palm is without a peer for strength and elegance combined. Its dark glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow irregularly spotted with bronze green, giving it a peculiar charm.

Price, Specimen Plants.................................. $1.00 each.  “ Strong 2½ ft. 2.50 “  “ 1½ “ 1.00 “

**COCOS WEDDELIANA.**

This beautiful Palm is unquestionably the most elegant and graceful in cultivation. The finely cut leaves are recurved with exquisite grace and are so airily poised, that the slightest breeze imparts a wavy motion, revealing new beauties at every turn, and bringing into view the pleasing shade of pure green of the underside of the foliage, which makes such a pleasing contrast with the dark lustrous green of the upper side. It is admirably adapted for the centres of jardiniere and fern dishes, as it retains its freshness for a long time, while for dinner table decoration it is unexcelled, and should be in every collection.

Price, $1.00 each.

**KENTIA FOSTERIANA.**

The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best of its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, dinner table, or conservatory it scarcely has an equal. *(See cut.)*

Price, Specimen plants, 3 feet high, $5.00 each; strong plants, 2 feet high, $3.00 each; strong plants, 18 in. high, $1.50 each.

**KENTIA BELMOREANA.**

This is sometimes called the ‘Curly Palm,’ and like the variety shown above, is recognized as among the best for all purposes, being capable of standing more ill usage perhaps than any other. The leaves have a tendency to curl, as the plants grow older, hence its popular title of ‘Curly Palm.’

Price, Specimen Plants, 3 ft. high ........................ $5.00 each.  “ Strong 2½ “ 3.00 “ 15 in. “ 1.50 “

**CURCULIGO RECURVATA VARIEGATA.**

A beautiful addition to our list of ornamental foliage plants. The leaves are solid and spring from slender stems gradually widening to the centre and then decreasing to a point like a feather. They are gracefully recurved, ribbed their entire length, striped white and green, and are so delicately balanced on the stems that the slightest current of air will set them in constant motion.

Price, 1st size, $3.00 each; 2d size, $1.50 each; 3d size, 75c. each.

We can also supply the plain green variety, at 50c $1.00 and $2.00 each.
PANDANUS UTILIS, or Screw Pine.

The noble species of *Pandanus* shown in the engraving is perhaps the most useful of our ornamental foliage plants. For majesty of form and gracefully arranged foliage it is without a peer, while its vigorous constitution enables it to stand more neglect, without serious injury, than almost any other plant we know of. As an ornament for the window its glossy dark green serrated foliage, renders it unusually attractive, while as a vase plant or single specimen in green-house, conservatory or window garden it cannot be surpassed. It is also largely used to decorate the halls in our finest private residences, and shows grandly on the lawn when grown to a sufficient size. *(See cut.)*

Price, 1st size, 2½ to 3 feet $3.00 each.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2d &quot; 15 in. &quot; 1½ &quot;</td>
<td>1.50 &quot;</td>
</tr>
<tr>
<td>3d &quot; 12 &quot; 15 in. &quot;</td>
<td>1.00 &quot;</td>
</tr>
<tr>
<td>4th &quot; 5 &quot; 8 &quot;</td>
<td>25c. &quot;</td>
</tr>
</tbody>
</table>

RUBBER PLANTS.

We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. 75 cts.

ZAMIA INTEGRIFOLIA.

A strikingly beautiful plant of the Cycad family; forming large leaves or fronds, closely resembling the expensive Sago Palm. It is of rapid easy growth, and will no doubt be largely used for decorative purposes. *(See cut.)*

Price, large plants $1.50 each.

Price, medium plants 75c. each.
WE name below the varieties best adapted for the above purpose. They are all in fine condition for planting in greenhouse borders or growing in pots.

SOUVENIR de WOOTTON.

The superb new rose shown in the engraving is unquestionably one of the finest varieties ever introduced for either Summer or Winter blooming. The color is a beautiful shade of carmine crimson deliciously fragrant, a constant and most prolific bloomer, every new shoot forming a flower bud; it retains its color better than any rose of its class, and is exceedingly vigorous in growth, rendering it one of the most satisfactory roses for either the amateur or commercial florist to grow. 1st size, 60c. each; $6.00 per dozen. (See cut.)

Magna Charta. We offer plants specially grown for Winter blooming of this grand carmine colored Hybrid rose. Extra strong plants. Price, $1.50 each; $15.00 per dozen.

M. Niel. The well known golden yellow climbing rose. Strong young plants on their own roots. Price, 50c. each; $4.50 per dozen.

La France. Delicate peach-blossom, pink shading to blush, deliciously fragrant.

Duchess of Albany. Known also as "Red La France."

A beautiful deep pink in color and a valuable addition to our Winter blooming roses. 1st size, $1.00 each; 2nd size, 50c. each.

Madame Hoste. A grand rose of recent introduction and certain to become popular. The color is a soft creamy white, passing to a rich shade of lemon yellow. Fine form and very free flowering. Price, 1st size, 75c. each; 2d size, 50c. each.

The Bride. Pure white, large size, splendid form.

Niphotos. Pure white, long graceful buds, tea scented.


Sunset. Orange yellow, largest size, rich tea scented.

Catharine Lermet. Delicate shell pink.

PRICES—Except where noted.

First size, for immediate effect, 60 cents each; $6.00 per dozen. Second size, 20 cents each; $2.00 per dozen.

In addition to the varieties enumerated on this page, we can now supply in young plants from 3 in. pots, all the sorts offered in our large catalogue of "Everything for the Garden," at the prices quoted therein for third size plants. First and second size plants of these ready Oct. 25th, at the prices quoted in that catalogue also.
Hardy Shrubs and Vines.

Ready about October 25th.

All hardy shrubs and vines may be planted with the best results in the fall, and as the planting season is usually so short in the spring that it very often passes away before those intending to plant shrubs and vines can take advantage of it, we would advise fall planting wherever possible; after planting a mulching of 4 to 6 inches of leaves or litter should be spread over the roots.

HARDY FLOWERING SHRUBS.

The kinds below named embrace nearly all that is desirable in hardy flowering shrubs, and are such as embrace contrasting colors together with such as give a succession of flowers throughout the season. All large fine plants.

Althea, Double White. Double white flowers.
Althea, Double Red. Similar to above except color, which is red.
Azalea Amoena. Small, double reddish purple flowers; should be planted in partially shaded and sheltered situations.
Broomrape. A climbing plant.
Berberis. A very ornamental shrub.
Calycanthus. Strawberry-scented shrub.
Corydalis. A Japan Quince.
Cydonia. Pure white flowers, slightly tinged with pink.
Exochorda. Flowers pure white, resembling orange blossoms; borne on long, graceful branches.
Forsythia. Yellow flowers; blooms very early.
Hydrangea. One of the finest hardy shrubs in cultivation; the flowers are formed in large, white panicles, or trusses, nine inches in length. The shrub grows to a height and breadth of five or seven feet, and as the flowers slightly droop few plants have the grace and beauty presented by this magnificent shrub. Used largely in cemeteries. 15c., 25c., 50c., and $1.00 each; according to size. $1.50, $2.25, $4.50 and $9.00 per doz.; according to size.
Keria. Double yellow flowers, slender graceful growth.
Lilac. The well-known purple flowering variety.
Magnolia. Large cup-shaped flowers; soft silvery white, shaded to purple at the base, and fully five inches in diameter. $1.50 each.
Philadelphia. The popular Syringa or Mock Orange. White flowers; very fragrant.
Ribes (Flowering Currents). Very pretty shrubs, with crimson and yellow flowers.
Spiraea. Very fine and hardy; double white.
Viburnum. Large drooping white flowers. 40c. each, except where noted; full set of 18 splendid hardy shrubs for $6.00.

SMALL FRUITS.

All fruits such as Grapes, Blackberries, Raspberries, Currents, etc., are better planted in the Fall than in the Spring, as being entirely dormant then they are not injured in transplanting, which is often the case when planted in the Spring. After planting in Fall a mulching of 4 or 5 inches of leaves should be spread over the roots.

BLACKBERRIES.

Erie. Large size, perfect form, very early and splendid flavor. $1.50 per doz.; $8.00 per 100.
Kittatinny. $1.00 per doz.; $6.00 per 100.
Lawton. $1.00 per doz.; $6.00 per 100.
Wilson's Early. $1.00 per doz.; $6.00 per 100.
Crystal White. Berries are of a fine translucent white of good size, very sweet and pleasant. $1.50 per doz.; $10.00 per 100.
Lucretia Dowberry. (Or Creeping Blackberry.) The fruit is enormous, luscious and handsome. It is entirely hardy everywhere, a healthy strong grower, and exceedingly productive. Price, $1.50 per doz.; $10.00 per 100.

CURRANTS.

Fay's Prolific. Largest size, very prolific, finest flavor. 40 cts. each; $4.00 per doz.
Cherry. Dark red; the best variety for general use.
Versailles. Best for table use, large bright red.
White Grape. The best white currant. Price, 20 cts. each; $2.00 per doz., except where noted.

AMPELOPSIS VEITCHII.

(In Variety)

Sometimes called "Boston Ivy" and Japan Ivy.)

No picture can portray the beauty of this grand climbing plant. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange, so dazzling in color as to be seen at a great distance. (Plants now ready.)

1st size, pot grown, 2 to 3 feet, 50c. each; $4.50 per doz.
2d size, pot grown, 1 to 2 feet, 25c. each; $2.25 per doz.

AMPELOPSIS ROYALI.

This is a comparatively new variety. It is identical with A. Veitchii as regards its climbing properties, but it is a larger and stronger growing plant. Same price as A. Veitchii which see above.

Aristolochia Siphon. (Dutchman's Pipe.) Large, showy, light green foliage; flowers long and pipe-shaped, hence the name. 50c. each; $1.50 per doz.
A. Quinquina. The Old Virginia Creeper.
Bigsonia Grandiflora. Scarlet Trumpet Vine, a most rapid grower, clinging to walls and fences of itself; flowers in large bunches, of a rich orange scarlet.
Clematis Crispa. Flowers deep blue, covering the whole plant, richly fragrant; rapid grower. 75c. each; $2.00 per doz.
Clematis Coccinea. Bright scarlet flowers, produced in the greatest abundance. 30c. each; $3.00 per doz.
Honeysuckle. Yellow, coral or scarlet, white, pink, evergreen and golden leaved; fine plants.
Wisteria Sinensis. Blue. A rapid twining vine; flowers in drooping clusters; soft lavender blue; fragrant.
Wisteria Sinensis. White. Immense clusters pure white flowers; very scarce. 75c. each; extra large, $1.50 each. All of the above Hardy Climbing Plants at 25c. each, except where otherwise noted.

Ready about October 25th.
SMALL FRUITS. (Continued.)

FIGS.

Are hardy nearly everywhere south of Washington, and can be kept out-doors in almost any well-sheltered spot in the Northern States if covered up with soil or leaves in winter, or they can be grown to fruit in tubs, which in winter can be kept in cold grapey or cellar. Price, extra strong plants from pots, 75 cts. each; $7.50 per doz.

GOOSEBERRIES.

Houghton's Seedling. A vigorous variety, not affected by mildew. 20c. each; $1.50 per doz.

Industry. New English variety. The finest of all Gooseberries. 50c. each; $1.50 per doz.

HARDY GRAPE VINES.

Niagara. Bunch large; berry of medium size; color yellowish green sometimes tinted rose color; flavor similar and equal to many of the hot-house grapes. 1 year, 50c.; 2 years, 50c.

Concord. One of the best old sorts. Color black.

Delaware. Red, bunches compact, berries small.

Wilder (Roger's No. 9.) Light bronze.

Martha. White.

Moore's Early. Fine, early, black. 75c.

Brighton. Fine red.

Worden. Black.

Agawam (Roger's No. 15.) Large, bronze color.

Salem (Roger's No. 22.) White tinged with pink.

Wyoming Red. Color, bright red. 75c.

Duchess. White. Any of the above in strong two-year old plants, 30c. each; $3.00 per doz.; except where noted. Full set of 12 kinds in two-year old vases, $3.50 per set.

FOREIGN GRAPE VINES.

We have a large stock of the finest kinds in splendid condition, with particularly well grown canes. Suitable either for cold or hot grapevines.

Muscat of Alexandria. Large grape of light golden color; the most popular of the white kinds. H. & C.

Black Hamburg. Sweet and juicy; a well-known excellent sort. H. & C.

Cannon Hall Muscat. White. H.

Charlesworth Tokay. White. H. & C.

Maddresfield Court Muscat. Black. H. & C.

Muscat Hamburg. Similar to Black Hamburg, with Muscat flavor. H. & C.

Royal Ascot. Black. H. & C.

Royal Muscadine. White. H. & C.

Lady Down's. Black. H.

Foreign Grape Vines. (Continued.)

Splendid vines, $1.00 each; $9.00 per dozen. Large vines for next season's fruiting, $2.00 each; $20.00 per dozen. "H. & C." means Hot and Cold grapevines. "H." Hot only.

RASPBERRIES.

RED VARIETIES.


Price. Price, $1.00 per doz.; $6.00 per 100.

BLACK VARIETIES.

The Gregg. Souhegan. New Rochelle. Price, $1.00 per doz.; $6.00 per 100.

YELLOW VARIETIES.

Caroline. Largest size and exquisite flavor.

Golden Queen. Color, rich shade of orange; largest size and most prolific bearer.

Price. 30 cts. each, $3.00 per doz.; $16.00 per 100.

RHUBARB ROOTS.

Rhubarb Linneaus. 20 cts. each; $2.00 per dozen.

St. Martins. 30 cts. each; $3.00 per dozen.

STRAWBERRIES.

New Strawberry "Nectar."

Raised by Mr. Durand, and is unquestionably the best among the many excellent varieties which originated with him. It combines all the good qualities of a strawberry—firm, brilliantly colored, fruit of the largest size, rich spicy flavor, strong healthy growth and makes abundance of layers. Price for pot-grown plants, $1.50 per doz.; $7.50 per 100.

ASSORTED VARIETIES.

Space will not permit us to give descriptions of the numerous varieties which we offer, all of which are fully described in our Strawberry Catalogue. Below is a list of the ten leading kinds. "The Cream of the Strawberries."

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
<th>Per 100</th>
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<tbody>
<tr>
<td>Jessie</td>
<td>$1.00</td>
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<td>Prince of Berries</td>
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<td>King of the North</td>
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<td>May King</td>
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<td>Bubach No. 5</td>
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Ground layers of the above, ready October 15, at one-half the above rates. We also grow all the old standard sorts and can furnish pot-grown plants at 50c. per doz.; $3 per 100. Ground layers ready October 15. 25c. per doz.; $1.50 per 100.

---


These Pots are all "STANDARD" shapes and sizes, the same as adopted and recommended by the Society of American Florists, and are far superior to any other FLOWER POTS.

By the use of the EXCELSIOR FLOWER POTS the danger of OVER-WATERING is avoided. OVER-WATERING and the want of PROPER-VENTILATION causes the soil in and underneath the Pots to become sour, and the roots to decay. Many valuable plants are lost in this way.

Send for circular and prices.

THE WHILLDIN POTTERY CO.

713 & 715 Wharton Street, Philadelphia, Pa.

---

All our different forms of ventilated and perfect drainage bottoms are patented and controlled by us.

Diagram showing pot placed on bench or table.
While we exercise the greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty express or implied.—If the purchaser does not accept the seeds on these conditions, they must be returned at once and the money that has been paid for same will be refunded.—P. H. & CO.

**ORDER SHEET FOR SEEDS ONLY.**

PETER HENDERSON & CO., 35 & 37 Cortlandt St., New York.

Forward to:

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“ Stat., ............................................................... Date, 1890.

**SPECIAL NOTICE.**—On VEGETABLE SEEDS to be SENT BY MAIL, in quantities of ONE-QUARTER LB. AND UPWARD, POSTAGE must be ADDED to Catalogue Prices at the rate of 8 CENTS PER LB. In the case of BEANS AND PEAS, PLEASE ADD 15 CENTS PER QUART, and on Corn 10 CENTS PER QUART to Catalogue Prices for MAILING.

If more than one Express Company runs to your place, please designate which we shall ship by.

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Number of Order: ; Date Received
Filled by: ; Date Shipped
Route Shipped by

In Packets Boxes Baskets Bbls. Bags

The following omitted articles will be sent

Reply required by
HENDERSON'S GRAND PANSIES AND OTHER

FLOWER SEEDS FOR FALL SOWING.

The finest Pansies are always grown from seed sown in the fall, and the plants wintered over in cold frames. The flowers will attain twice the size of spring-sown plants.

Henderson’s New Mammoth Butterfly Pansies, introduced by us this past spring, are superior in every way to any other pansies known, they are of matchless form and beauty, exquisite colors and shadings and markings of new combinations. A colored plate of this unequalled strain of Pansies was shown in our spring catalogue of 1896. Price per packet of Mixed Colors, 40c; 3 packets for $1.00.

We also offer a collection of

10 DISTINCT AND GRAND VARIETIES OF

Henderson’s New Mammoth Butterfly Pansies

FOR $1.50.

Henderson’s Highland Pansy. Especially grown for us by the most celebrated specialist in Scotland. Their merit consists in uniformity, large size, high color, and unsurpassed beauty. Mixed Colors, 50 cts. per packet.

Odier or Five Blotched Pansy. A beautiful strain, perfect in size and form of flower, containing many beautiful colors; each of the five petals is marked with a large dark blotch; very effective.

Imported Collection of German Pansies, 6 varieties, 50c; 12 varieties $1.

FLOWER SEEDS FOR FALL SOWING.

For Conservatories or Dwellings.

For Frames and Borders.

Abutilon, mixed colors, beautiful bell shaped flowers... 25
Calceolaria Hybrida Superba, choicest mixed... 50
Calendula Meteor, a favorite winter blooming pot plant. 5
Carnation, finest monthly mixed... 25
“ Bizarre and Flakes mixed... 50
“ Picotee mixed... 50
“ Marguerite, “Novelty” blooms in 12 weeks... 15
Centaurea, Candissima... 15
Gymnocarpia... 10
Chrysanthemum, finest perennial sorts mixed... 50
Cineraria, large flowering mixed, choicest Eng. strain... 50
“ “ double mixed... 50
Cyclamen Persicum, finest mixed... 50
“ Giganteum, mixed... 50
Geranium, Zonal mixed... 10
“ Apple scented... 10
Gloxinia, finest mixed... 50
“ Defiance, new scarlet... 50
Heliotrope, mixed... 10
Lobelia Erinus, mixed... 5
Mignonette, Hybrid Spiral... 15
“ Machet... 10
“ Bird’s Mammoth, immense spikes... 15
Petunia, New Fancy Hybrid, single mixed... 25
“ double... 25
Primula, large flowering Chinese Fringed, white, red, striped, spotted or mixed colors... 50
Primula Obconica, (Everblooming Primrose)... 25
Smilax... 15
Verbena, extra choice mixed... 15
“ Mammoth mixed... 25

Many varieties of biennials and perennials, if sown out-side in the fall, and slightly protected during the winter with a slight covering of straw or leaves, will bloom next season. Many hardy annuals, if treated in the same manner, will come up early in the spring, and make stronger and thriftier flowering plants.
Vegetable Seeds for Fall Sowing.

The list of Vegetable Seeds here given has been made much more full and complete than we usually offer in an autumn catalogue. This is for the convenience of our customers in the extreme Southern States, whose planting season is so much earlier than ours that it will not permit them to await the receipt of our General Catalogue of "Everything for the Garden," which is issued about the 1st of January.

If by mail, in quantities of 1/2 pound and upwards, postage must be added at the rate of 8 cents per pound or 15 cents per quart for Beans and Peas.

Henderson’s Selected Early Jersey Wakefield. Original Stock.

The merit and characteristics of the Early Jersey Wakefield Cabbage are now so well known as to hardly need repeating here; still as our Catalogue annually falls into the hands of thousands who have not before seen it, we may state that it is universally considered the best early Cabbage in cultivation. Among its merits may be mentioned its large size of head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. This variety was first brought into general notice by our Mr. Peter Henderson in his book, "Gardening for Profit," when it was first published twenty-five years ago. (See Cut.) Price, 10c. per pkt.; 35c. per oz.; $1.00 per 1 lb.; $3.50 per lb.

"The Charleston" or Large Type of Wakefield. The Largest and Best "First Early" Cabbage.

For some years past customers of ours in the south have requested us to procure for them, if possible, a cabbage which had all the characteristics of the Early Jersey Wakefield but of a greater size. With this in view, we carefully selected from one of our best stocks of Wakefield a larger type, which is now so fixed in its character that we can offer it with confidence to truckers desiring a cabbage of this kind. As will be seen by the cut, this selection will average about 50 per cent. larger in size than the old type of Wakefield, and is only two or three days later. (Stock limited.) Price, 20c. per pkt.; 75c. per oz.; $2.00 per 1 lb.; $7.00 per lb.

Henderson’s Succession Cabbage. Handsome, Large, and a Sure Header.

It is now two years since we first offered Henderson’s Succession Cabbage, and in that time it has probably been more thoroughly and critically tested than any other variety. The Succession is about one week later than the Early Summer, but is double the size, and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Despite the low prices realized by the cabbage crop last season, the Succession brought paying prices wherever grown, and may well be regarded as a boon to the gardening community. (See cut.) Price, 15c. pkt.; 5 pkts. $1.00; 50c. oz.; $2.50 per 1 lb.; $8.00 lb.

Henderson’s Early Summer.

This peerless Cabbage was named and first offered for sale by us in 1874, and every year since we have used the utmost care in the selection of heads for seed purposes, and have so improved the variety that to day we are selling a far better strain of the Early Summer than we sent out in the year of its introduction. Henderson’s Early Summer is about ten days later than the Jersey Wakefield, but being of over double the size, it may be classed as the best large early Cabbage. We would, however, caution those of our customers who intend to grow it in cold frames to winter over, to sow it at least ten days later than the Wakefield or other early varieties, as it has a tendency to run to seed if sown at the dates suitable for other early sorts. Price, 10c. per pkt.; 35c. per oz.; $1.00 per 1 lb.; $3.50 per lb.
Henderson's Early Snowball Cauliflower.

The Earliest.

The Surest Header.

The Most Profitable.

The Best Variety for either Market or Family Gardens.

Whether intended for private use or to be grown for market, Henderson's Early Snowball Cauliflower is superior to all others. First, because it is the earliest of all Cauliflowers, as has been conclusively shown season after season, since we first made its merits known; second, because under the conditions of an ordinarily favorable season every plant will form a perfect snow white head, averaging nine inches in diameter; third, for the reason that its close-growing compact habit enables one-third more to be planted on the same space of ground than can be done with any other variety. For forcing under glass during winter and spring, this Early Snowball variety is peculiarly well adapted, from its dwarf growth and short outer leaves, and for this purpose no other Cauliflower is now so largely grown. It also does equally well for late planting. (See cut.)

25c. pkt; $1.00 oz.; $14.00 1/4 lb.

Henderson's New Bush Lima.

This wonderful innovation created a greater furore last season than any vegetable novelty that has ever been offered. Those who never had a vegetable garden before were induced to plant the Henderson Bush Lima, because it enabled them to have the most delicious of all vegetables without the trouble and expense of the unsightly poles. We received hundreds of most flattering letters from every State telling of its wonderful success. One specimen had 271 pods on it at one time. Henderson's New Bush Lima grows without the aid of stakes or poles in compact bush form, about 18 inches high, and produces enormous crops of delicious Lima Beans which can be as easily gathered as the common garden Bush sorts. Henderson's New Bush Lima is at least two weeks earlier than any of the climbing Limas. This fact alone would stamp it as the most valuable novelty of recent years, but when, in addition to this, we consider that it is a true Bush Bean, requiring no supports, some idea of its great value can be realized.

Henderson's Bush Lima was a grand success last season. It can and should be grown in every garden. We are glad to now be able to offer it in bulk at the following reasonable prices. (See cut.)

25c. per packet of about 50 beans; 75c. per 1 pint; $1.00 per peck; $1.50 per quart.

Yosemite Mammoth Wax Bush Bean.

Second only in value and distinctiveness to the Bush Lima is this wonderful wax variety. It is the forerunner of a race of giants among Beans, and is universally conceded to be THE NOVELTY OF THE SEASON. The cut is a faithful copy of a photographed specimen, greatly reduced but conveys no idea of its great size and handsome waxen appearance. The pods are nearly all solid pulp and absolutely stringless, cooking tender and delicious. The monster pods average 10 to 12 inches in length, are a rich golden color, making a most handsome appearance either on the plant or on the table. The Yosemite combines size, productiveness and quality in one variety and is the nearest approach to perfection that nature has as yet given us in Wax Beans. The plant is a remarkably vigorous one, covering the ground with its heavy foliage in such a manner as to shade the earth and keep it moist; and if the pods are kept closely picked new ones will continue to be produced, and a marvellously large crop will be obtained. The grower who originated this bean has produced some of the finest varieties now grown, and has had an experience in bean hybridization second to none. He assures us that of all the beans it has been his privilege to raise, this Yosemite stands head and shoulders above them all, and outstrips them in cropping, marketable and other good qualities. It has been a prize among beans which all the seedsmen have been striving after, and we consider ourselves fortunate in having the honor of its introduction. (See cut.)

Price, per packet, 15 cts.; half pint 75 cts.; pint, $1.25; quart, $2.00.

CYLINDER BLACK WAX BEAN. (Novelty 1889.)

This is an improved stock of Black Wax so superior to the ordinary strains as to be worthy of a new name. By a comparative test on our trial grounds, we proved beyond question that it was earlier than any other stock, was perfectly round podded, a far heavier cropper, and of an even rich golden color. Price, 30c. per pt.; 50c. per qt.; $1 per peck; $10 per bushel.
Henderson's New York Lettuce.

Henderson's New York Lettuce is of unusual size and solidity of head, with but little tendency to run to seed. We have had it time and again eighteen inches in diameter, and weighing nearly four pounds, with heads almost as solid as an early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. The outside color is distinct in shade from any other Lettuce that we are familiar with, being a clear, deep apple green, while on the inside the color is yellowish white. It is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. (See cut.) 10 cts. pkt.; 20 cts. oz.; 60 cts. 1/2 lb.; $2.00 lb.

NEW LETTUCE, "Big Boston."
(Novelty, 1890.)

This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is double the size. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing or open ground planting. (See cut.) Price, 20c. per pkt.; 50c. per oz.; $1.50 per 1/2 lb.; $5.00 per lb.

New Watermelon, "Ruby Gold."
(Novelty 1890.)

A New Seedling from Henderson's Green and Gold.

This splendid new Melon is a hybrid seedling of the famous "Green and Gold" Watermelon which was introduced by us in 1888. It excels in beauty and quality all other varieties. The distinct dark markings as shown in the engravings are the red flesh, and the light shade shows the yellow. The markings vary, in some specimens the yellow predominating, and in others the red. The "Ruby Gold" averages 40 to 50 lb. in weight, and is considered by the best authorities to be the juiciest and finest flavored Watermelon ever raised in Georgia. (See cut.) 20 cts. per pkt.; 3 pkts. for 50 cts.; 7 for $1.00.
New Early Hackensack Musk Melon.

Near Hackensack, N. J., within a short distance of New York, the growing of Musk Melons is carried on to a large extent. It was in this section that the now famous Hackensack Musk Melon, which we were the first to distribute generally throughout the country, was originated. Five years ago a large melon grower at Hackensack called our attention to a selection or improvement which had been made, by which was obtained a melon almost equal in size to the Hackensack, and at least ten days earlier. Four years' thorough trial of this variety have proven it to be the best as well as the earliest of all the netted melons. In shape and color the New Early Hackensack is similar to the Hackensack, the only difference being its greater earliness. The melons weigh from four to ten pounds each, and are of delicious flavor. (See cut.)

Price, 10 cts. pkt.; 25 cts. oz.; 50 cts. $1.50 lb.

Rapid Forcing Radish.

(Novelty, 1890.)

Our illustration gives a good idea of this fine variety. It resembles the Scarlet Turnip, White Tipped variety, but is much earlier, coming to maturity in 22 days from the time of sowing, and having very small tops will prove to be the radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden. (See cut.)

Price, 15 cts. per pkt.; 40 cts. per oz.

Early Ruby Tomato.

This is likely to prove one of the most distinct and valuable varieties ever introduced, as it is the first really early variety of large size. It is similar in size and color to Livingston's Perfection, but is at least two weeks earlier. Its style of growth is (as shown in cut) very open, the fruit being produced close to the main stem; this peculiarity of growth enables the sun to reach and ripen the fruit, hence its great earliness. (See cut.)

Price, 20c. per pkt.; 6 pkts. for $1.00.
If by mail, in quantities of $1 pound and upwards, postage must be added at the rate of 8 cents per pound or 15 cents per 1/2 pound for Beans and Peas.

**BEANS, Dwarf or Bush.**

- **Green Sorts.**
  - New Bush Lima...25c. per pkt. (of 50 beans) $2 for 1.00; 75c. per 1/2 pt., $1.00 per pt. (See cut, page 49)...
  - Emperor William...40 $2 00 $5 50
  - Henderson's Earliest Red Valentine...40 2 00 5 50
  - Long Yellow Six Weeks...30 1 25 4 00
  - Early Mohawk...30 1 25 4 00
  - Early Red Valentine...30 1 25 4 00
  - White Valentine...30 1 25 4 00
  - Dwarf Horticultural...40 1 75 6 00
  - Canadian Wonder...35 1 50 5 00
  - Extra Early Refugee...40 2 00 5 50
  - Refugee, or Thousand to One...30 1 25 4 00
  - Large White Kidney...30 1 50 4 00
  - White Marrowfat...25 1 25 4 00

- **Wax Sorts.**
  - Golden Wax...40 1 75 6 00
  - Cylinder Black Wax...50 3 00 10 00
  - Ivory Pod Wax...35 1 60 6 00
  - Black Wax...35 1 50 5 00
  - Black Eyed Wax...40 1 75 6 00
  - Flageloat Wax...40 1 75 6 00

- **Yosemite Mammoth Wax, 15c. per pkt. 75c. per 1/2 pt., $1.25 per pt.** (See cut, page 49)...

- **BEET.**
  - Egyptian Turnip...5 15 30 65
  - Edmund's Early Turnip...10 15 40 1 25
  - Eclipse...10 15 30 75
  - Bastian's Blood Turnip...5 10 25 65
  - Dewing's Improved Blood Turnip...5 10 25 65
  - Early Blood Turnip...5 10 25 65
  - Early Flat Bassano...5 10 25 65
  - Long Smooth Blood Red...5 10 25 65
  - Early Yellow Turnip...5 10 25 65
  - Pineapple...5 20 60 1 50
  - Brazilian Variegated...5 15 40 1 25
  - Swiss Chard, Silver or Sea Kale Beet...5 10 30 75

- **MANGEW WURZEL AND SUGAR BEETS.** $1/2lb. lb.
  - Henderson's Colossal Long Red...15 45
  - Long Red...10 10 30
  - Yellow Ovoid...15 35
  - Henderson's Champion Yellow Globe...15 45
  - Golden Tankard...15 45
  - White Sugar Beet...15 40
  - Vilmorn's Improved White Sugar Beet...20 60
  - Lane's Imperial Sugar Beet...15 40
  - Henderson's Giant Intermediate...20 60
  - Henderson's Red Globe...15 40

- **BRUSSELS SPROUTS.** pkt. oz. $1/2lb. lb.
  - Tall French...5 20 70 2 50
  - Dwarf Improved...5 20 70 2 50

- **CABBAGE.**
  - "The Charleston" or large type of Wakefield. (See cut, page 48)...
  - Henderson's Selected Early Jersey Wakefield...10 35 1 00 3 50
  - Henderson's Early Summer...10 35 1 00 3 50
  - Henderson's Succession. (See page 48)...
  - Early Winningstadt...10 25 75 2 00
  - Premier...10 30 1 00 3 00

- **CABBAGE—Continued.**
  - Large Early York...5 20 60 2 00
  - Marblehead Mammoth...10 25 60 2 25
  - Fortier's Improved Brunswick...10 25 60 2 25
  - Express...15 40 1 50 5 00
  - Autumn King...20 1 00 3 50 12 00
  - Mid-Summer Savoy...15 40 1 50 5 00
  - Fildekrouta...5 20 60 2 00
  - Henderson's Selected Late Flat Dutch...10 30 1 00 3 00
  - Premium Flat Dutch...5 20 60 2 00
  - Green Glazed...10 25 75 2 50
  - Mammoth Rock Red...15 75
  - Red Dutch...5 25 75 2 50
  - Early Blood-Red Erfurt...10 30 75 2 50
  - Netted Savoy...10 25 75 2 50
  - American Drumhead Savoy...10 25 75 2 25

- **CARROT.**
  - Henderson's Intermediate...10 20 40 1 25
  - Early French Forcing...10 20 40 1 25
  - Early Scarlet Horn...5 10 35 90
  - Half Long Red (Stump Rooted)...5 10 35 90
  - Early Half Long Scarlet (Pointed Rooted)...5 10 35 90
  - Early Half Long Scarlet Carentan...10 50 1 00 5 00
  - Long Orange Improved...5 10 35 80
  - Danvers...5 10 30 90
  - Chantenay...10 20 40 1 25

- **CAULIFLOWER.**
  - Henderson's Early Snowball. (See cut, page 49)...
  - Extra Early Dwarf Erfurt...20 2 50 9 00
  - Extra Early Paris...15 1 00 3 50 12 00
  - Half Early Paris or Ospreay...10 75 2 25 8 00
  - Early London...10 60 2 00 7 50
  - Lenormand's Short Stemed...15 75 2 50 8 00
  - Walcheren...15 75 2 50 8 00
  - Large Late Algiers...15 1 00 3 50 10 00
  - Vetch's Autumn Giant...10 60 2 00 7 50

- **CORN SALAD, or Fettuc.**
  - Large Leaved...5 10 25 80

- **ENDIVE.**
  - Green Curled...10 25 50 1 75
  - White Curled...10 25 50 1 75

- **KALE or BOROCOLE.**
  - Siberian Kale, German Greens or "Sprouts"...
  - Dwarf Green Curled Scotch...10 20 35 1 25
  - Brown German Curled...5 15 35 1 25
  - Half Dwarf Fringed...15 50

- **LETTUCE.**
  - Big Boston. (See cut, page 50)...
  - Sunset...
  - Henderson's New York. (See cut, page 50)...

For description of varieties, see general seed catalogue.
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<td>Ruby Gold. (See cut, page 50.)</td>
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<td>Kolby's Gem.......</td>
<td>10</td>
<td>15</td>
<td>30</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Georgia Rattlesnake or Gypsy</td>
<td>10</td>
<td>20</td>
<td>35</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Ice Cream. (White Seeded)</td>
<td>10</td>
<td>20</td>
<td>35</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Mountain Sweet....</td>
<td>10</td>
<td>15</td>
<td>30</td>
<td>75</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MUSHROOM SPAWN.</th>
<th>English, 15c. per lb.; by mail 25c.; 8 lbs. for $1.00.</th>
<th>pkt.</th>
<th>oz.</th>
<th>lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ruby Gold. (See cut, page 50.)</td>
<td>20c. 3 pkt. 50c. 7 pkt. $1.00.</td>
<td>10</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>Cuban Queen.....</td>
<td>5</td>
<td>10</td>
<td>25</td>
<td>75</td>
</tr>
<tr>
<td>Mammoth Ironclad</td>
<td>5</td>
<td>10</td>
<td>25</td>
<td>75</td>
</tr>
<tr>
<td>Florida Favorite</td>
<td>10</td>
<td>20</td>
<td>40</td>
<td>150</td>
</tr>
<tr>
<td>Kolby's Gem.......</td>
<td>10</td>
<td>15</td>
<td>30</td>
<td>100</td>
</tr>
<tr>
<td>Georgia Rattlesnake or Gypsy</td>
<td>10</td>
<td>20</td>
<td>35</td>
<td>100</td>
</tr>
<tr>
<td>Ice Cream. (White Seeded)</td>
<td>10</td>
<td>20</td>
<td>35</td>
<td>100</td>
</tr>
<tr>
<td>Mountain Sweet....</td>
<td>10</td>
<td>15</td>
<td>30</td>
<td>75</td>
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<table>
<thead>
<tr>
<th>PEAS, Extra Early.</th>
<th>Henderson's First of All.</th>
<th>30</th>
<th>1</th>
<th>50</th>
<th>50</th>
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</thead>
<tbody>
<tr>
<td>White Tall...</td>
<td>40</td>
<td>2</td>
<td>50</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>American Wonder...</td>
<td>35</td>
<td>2</td>
<td>50</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>Philadelphia Extra Early</td>
<td>25</td>
<td>1</td>
<td>75</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>Improved Daniel O'Kearke</td>
<td>25</td>
<td>1</td>
<td>75</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>McLean's Little Gem</td>
<td>30</td>
<td>1</td>
<td>75</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>Extra Early Premium Gem</td>
<td>30</td>
<td>1</td>
<td>75</td>
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<table>
<thead>
<tr>
<th>SALSIFY.</th>
<th>pkt.</th>
<th>oz.</th>
<th>lb.</th>
<th>lb.</th>
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<tr>
<td>White French........</td>
<td>10</td>
<td>20</td>
<td>60</td>
<td>200</td>
</tr>
<tr>
<td>Sandwich Island....</td>
<td>15</td>
<td>50</td>
<td>100</td>
<td>300</td>
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<table>
<thead>
<tr>
<th>SPINACH.</th>
<th>Henderson's Norfolk Savoy Leaved</th>
<th>5</th>
<th>10</th>
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</thead>
<tbody>
<tr>
<td>Round Leaf...</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>40</td>
<td></td>
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<tr>
<td>Long Standing...</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>40</td>
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<tr>
<td>Prickly...</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>40</td>
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<tr>
<td>Large Round Leaf Turnip</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>40</td>
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<tr>
<td>Thick Leaved...</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>New Zealand...</td>
<td>5</td>
<td>15</td>
<td>40</td>
<td>150</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TOMATO.</th>
<th>Early Ruby. (See cut, page 51.)</th>
<th>pkt.</th>
<th>oz.</th>
<th>lb.</th>
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<tbody>
<tr>
<td>Volunteer...</td>
<td>15</td>
<td>40</td>
<td>150</td>
<td>500</td>
</tr>
<tr>
<td>Beauty. (Livingston's)...</td>
<td>15</td>
<td>30</td>
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<tr>
<td>The Mikado. Pkt. 15c. 5 pkt. $1.00.</td>
<td>40</td>
<td>1</td>
<td>25</td>
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<tr>
<td>Cardinal...</td>
<td>5</td>
<td>25</td>
<td>80</td>
<td>300</td>
</tr>
<tr>
<td>The Trophy...</td>
<td>5</td>
<td>25</td>
<td>80</td>
<td>300</td>
</tr>
<tr>
<td>Trophy Extra Selected</td>
<td>15</td>
<td>40</td>
<td>150</td>
<td>400</td>
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<tr>
<td>Favorite. (Livingston's)...</td>
<td>10</td>
<td>25</td>
<td>80</td>
<td>300</td>
</tr>
<tr>
<td>Perfection...</td>
<td>10</td>
<td>25</td>
<td>80</td>
<td>300</td>
</tr>
<tr>
<td>Acme...</td>
<td>15</td>
<td>25</td>
<td>80</td>
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<table>
<thead>
<tr>
<th>TURNIP.</th>
<th>Extra Large Milan...</th>
<th>5</th>
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<th>25</th>
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<tbody>
<tr>
<td>Red Top Strip Leaf...</td>
<td>5</td>
<td>10</td>
<td>20</td>
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<tr>
<td>Early White Strip Leaf...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Early Flat Dutch...</td>
<td>5</td>
<td>10</td>
<td>20</td>
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<tr>
<td>Purr e Top White Globe...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Long White or Cow Horn...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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</tr>
<tr>
<td>White Egg...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Yellow Stone...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Yellow Globe...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Golden Ball...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Yellow Aberdeen...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Early Snowball...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>RUTGA RABA, Russian or Swedish Turnip.</th>
<th>Long Island Improved...</th>
<th>10</th>
<th>15</th>
<th>30</th>
<th>75</th>
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</thead>
<tbody>
<tr>
<td>Improved American Purple Top...</td>
<td>5</td>
<td>10</td>
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<td>50</td>
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<tr>
<td>Skirling's Purple Top...</td>
<td>5</td>
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<tr>
<td>Shamrock...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
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<tr>
<td>Large White French...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Large Yellow French...</td>
<td>5</td>
<td>10</td>
<td>20</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>
The Grandest Winter Wheat Ever Offered.

JONES’ WINTER FIFE. (Bald.)

Grown side by side on our Experimental Farm last season this variety had stools with 40 to 45 heads, and yielded every wheat tested—and all the new and the leading older varieties were represented. It is a decided boon to farmers and millers and the most desirable Winter sort known, yielding from 40 to 55 bushels per acre. This is without doubt the coming No. 1 hard gluten sort of the East, being to the Winter wheat sections what the No. 1 Hard Spring is to the Northwest; excelling in the amount of gluten even the noted Saskatchewan Spring Fife, the pride of all Northwestern millers. It is well known that millers in the Winter Wheat sections are obliged to use a certain amount of Spring Fife to obtain gluten, in which our common sorts are in a degree deficient, and without which it is impossible to compete with the Spring Wheat sections. But with this sort in general cultivation we can compete with the highest grade of flour known. This sort originated from a combined cross. The first cross being from Mediterranean and a seedling. This seedling being a cross between Mediterranean and Fultz, which was crossed with Velvet Chaff. It is a very strong grower, covering the ground early in the season, requiring light seeding on rich soil. Straw is above medium height and very strong. Heads long and broad, free from beards, with breasts overlapping each other. Ripens early, and has a velvet-like gluten in the sun. Grain of medium size; requires to be left until fully ripe before being harvested, and does not shell in the field. Transparent, hard and dark. (See cut.) Price, 50 cts. per lb. 3 lbs. for $1.25, including postage; $1.50 per peck; $12.00 per bushel.

AMERICAN BRONZE. (Bald.)

First Time Offered, Especially Adapted to Sandy and Poor Soil.

Although especially adapted to poor soils producing a good crop when most other sorts would prove a complete failure, it is also one of great value on rich, moist land on which long and soft strawed sorts would go down. It is of medium height and the thickest walled straw in cultivation, resisting severe wind storms without lodging. Originated from a cross between Martin’s Amber and Fultz. Being a very strong grower and of spreading habit requires light seeding if sown on rich soil. Heads are long and broad, free from beards, chalk white, grain large and of a rich bronze shade, the color being very distinct when grown on light soils.

It is early, very productive and especially free from rust even in unfavorable seasons.

The season of 1890 has shown this to be also one of the very best for strong Clay soils making a grain of very large size, with that dark transparent shade so desirable in a No. 1 milling sort. 30 cts. per lb., 2 lbs. for 75 cts. including postage; $2.00 per peck; $6.00 per bushel.
EARLY RED CLAWSON. (Bald.)

The earliest Winter variety extant. This promising sort is a cross between the popular Golden Cross fertilized on the Clawson, partaking from t.l. Golden Cross the compact head, dark red grain, extreme hardiness, and strong, rapid growth, and from the Clawson baldness and red chaff, with very large kernels. It is without doubt the earliest sort yet known, enormously productive, yielding from 35 to 48 bushels to the acre, Straw very strong and bright; requires light seeding on rich, strong soil, 14 bushels being sufficient. We would call special attention to this sort for heavy clay soils. The grain is very dark and hard. (See cut.) 1 peck, $1.00; peck, $1.50; bushel, $4.00; in lots of 10 bushels and upwards, $3.75 per bushel.

THE GARFIELD. (Bald.)

The heads are bald, of medium length, firm and compact. The straw is stiff and bright. The grain is white, rather long in shape, and makes a clear white flour. Very distinct, and certain to become a standard sort. Price, $2.25 per bushel; in lots of 10 bushels and upwards, $2.00 per bushel.

GOLDEN CROSS. (Bearded.)

This valuable new variety comes from splendid parentage, being a hybrid of the Mediterranean and Clawson. It is an enormous yielder, is light bearded and compact headed. Straw large, hard, thick, strong pointed, which is proof against the attack of the Hessian fly. It is early, strong and rapid growing, producing stools of mammoth size, and yields from 50 to 60 bushels per acre. The kernels are large and plump, weighing on an average 65 lbs. to the measured bushel. Price, per single bushel, $2.25; in lots of 10 bushels and upwards, $2.00 per bushel.

FULTZ. (Bald.) A very popular, almost beardless amber variety, very hardy and productive. Straw of medium length, and strong. It is an excellent milling sort, making the finest flour. Price, $2.00 per bushel; in lots of 10 bushels and upwards, $1.85 per bushel.

HYBRID MEDITERRANEAN. (Bearded.) A well known, standard Winter Wheat, being a cross between the old Diehl and Red Mediterranean. It produces large, square heads, with four rows of grain, having short beards. The plants stood out well. The straw is stiff, of medium length, and easy to handle, and turns bronze at maturity. The grain is of a handsome, amber red color, hard and flinty, making excellent flour. We recommend it as one of the surest and best for ordinary farms and conditions. Price, $2.00 per bushel; in lots of 10 bush and upwards, $1.85 per bushel.

JONES' SQUARE HEAD WHITE. (Bald.)

This promising sort is making a splendid record in all sections where tested. It is a seedling grown from a cross between the Armstrong and a seedling not named. It is, without doubt, the most handsome in head of any sort in cultivation, and a very strong grower with straw of great strength supporting a large square head filled with white grain of superior quality.

Price, bush. $3.00.

ROCHESTER RED. (Bald.)

A new variety of great promise, heads larger than the average varieties, red chaff and red grain; medium large and very flinty, one of the best for milling purposes; has a stiff straw and does not lodge with high culture; is medium early, ripening with or a little before the Fultz. In a favorable season the yield was fifty bushels per acre, and when well grown and well cleaned will weigh sixty-four pounds to the measured bushel. Per bush., $2.50; 10 bush. lots, $2.25 per bushel.

Martin Amber. (Bald.)

While young the plants will sprout out, forming a good protection to their own roots; later they stand out and grow very rapidly. The straw is tall and very stiff and stands up well. The leaves are very free from rust. It has large, bale, smooth, well filled heads, containing from 16 to 18 kernels, and is rather late in ripening. The berry is a light amber color, good size, very plump and handsome, and has a very thin hull, makes but little bran, and yields a large return of flour of the best quality. Price, $2.00 per bushel; in lots of 10 bushels and upwards, $1.85 per bushel.

Rye. (Bald.)

Rye is a valuable crop for either sowing, green fodder, straw or grain. It is largely used by farmers to seed down with in the Fall, and is considered preferable to wheat for this purpose, as it protects the young grass, and matures two weeks earlier in the spring than wheat.

EXCELSIOR WINTER.—A new variety, from Vermont, that has never failed to yield at the rate of from 40 to 50 bushels per acre. With the originator a four-acre field yielded 52 bushels to the acre, $2.00 per bushel.

WINTER.—The variety most commonly cultivated, whether sown for grain, straw or cutting green, $1.50 per bushel.
For many years, at the solicitations of customers, we have at various times made up special mixtures of grasses of varieties best suited for sowing on terraces, railroad embankments and side hills. For this purpose it is necessary to use grasses that will withstand drought and exposure and thrive well on shallow soils. Our experiments in this direction have resulted in our obtaining a combination of grasses which, for the purpose will be found unequalled—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out after they become established, and at the same time produce a rich velvety green turf throughout the season.

Sow at the rate of 1 qt. for a plot 15x20 ft. (equal to 500 sq. ft.) or 4 to 5 bushels per acre.

Price, 35 cts. per qt.; $2.00 per peck; $7.00 per bush.; if desired by mail, add at the rate of 5 cts. per qt. for postage.

Our Lawn Grass Seeds Sown in the Autumn, will produce a fine luxuriant Lawn Early the following season.

**+ THE HENDERSON LAWN ENRICHMENT. +**

A clean, portable and convenient lawn dressing, for New or Old Lawns, which we have found to be never failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. The quantity required per acre varies according to the condition of the lawn from 1,000 to 1,500 lbs.; for a plot 15x20 feet or 500 square feet a 10-lb. package will be sufficient.

Price, 5-lb. package, 30 cts.; 10-lb. package, 50 cts.; 25-lb. bag, $1.00; 50-lb. bag, $2.00; 100-lb. bag, $4.00; per ton of 2,000 lbs., $70.00.
HENDERSON'S SPECIAL GRASS MIXTURES.

FOR HAY AND PERMANENT PASTURE.

Can be sown either in Fall or Spring.

HENDERSON'S SPECIAL MIXTURES FOR PERMANENT PASTURES AND HAY.

This is incomparably superior to the ordinary Timothy and Clover Mixture.

At first sight $7.50 to $10.00 per acre appears to be a high price for the seeding of a pasture, but bear in mind that it is a permanent pasture, good for 20 to 30 years or more, that we have in view, and no permanent pasture can be laid down properly for a less original outlay. It is hardly fair to compare the cost of our "SPECIAL GRASS MIXTURE FOR HAY AND PERMANENT PASTURE" with that of "Timothy and Clover," as many are apt to do. When a pasture is sown on our system, it is laid down for all time, barring accidents, whereas Timothy and Clover is short lived, never averaging more than four years, so that in the course of say twelve years, Timothy and Clover will have to be resown at least three times, with all the attendant expense of plowing and preparing the land for the reception of the seed. Looking at this, therefore, from the lowest standpoint, that of original cost, it will be seen that over a short series of years, it is greatly in favor of our SPECIAL GRASS MIXTURE, but, if the cost were equal, the yield and the staying qualities of our PASTURE MIXTURE are far ahead of any other.

It consists of the following: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet Scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, etc., as recommended in our book, "How the Farm Pays," blended in the proper proportions. Our price is

$2.50 per bushel of 14 lbs. (20-bushel lots, $2.25 per bushel.)

On rich alluvial land 3 bushels of this mixture is sufficient to seed an acre, but where the soil is poor, a larger quantity will be necessary. Taking one soil with another, and owing to the fact that the seeds we use are of higher quality and better cleaned than ever, a fair average would be 3 bushels to the acre. The thicker the seed are sown, however, the sooner will a fine close turf be obtained. While the leading variety used in this mixture is Orchard Grass, the addition of the several other Grasses named add to its value; because Orchard Grass sown alone has a tendency to form tussocks or clumps, which, however, can be overcome by thick seeding. In addition to this, the other Grasses have special value in pasture lands for different animals.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately), is to be added 10 lbs. of Mixed Clovers, comprising White, Mammoth Perennial or Cow Grass, Alsike, Trefoil, etc., but this should only be sown in the Spring, as it is rather tender in this latitude if sown in the Fall.

The quantity needed (10 lbs.) of Mixed Clovers to sow an acre we will sell for $2.00.

Henderson's Special Grass Mixture for Hay and Permanent Pasture for Light soils... Medium soils... Heavy soils...

$2.50 per bushel of 14 lbs.

20-bushel lots, $2.25 per bush. Special quotations for large quantities.

HENDERSON'S TEMPORARY PASTURE MIXTURE.

To those who prefer "temporary" mowing or grass lands to permanent pasture, we will prepare mixtures of clovers and grasses for what is known as "Alternate Husbandry" or Rotating cropping. These mixtures are adapted to the rotation of crops for which they are prepared and in such proportions as will produce the largest quantity of nutritious food for the duration of time specified.

The grasses best adapted for this class of pasture are the following: Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. We recommend the following quantities per acre, which should generally be sown in the Spring.

For One Year: 1 bush. Mixed Grasses, $2.00. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $3.75.

For Two Years: 2 bush. Mixed Grasses, $4.00. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $5.75.

For Three or Four Years: 3 bush. Mixed Grasses, $6.75. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $8.50. (Special quotations for large acreages.)
Henderson's Superior "Reclaimed" Grass Seeds for Fall Sowing.

For our "Farmer's Manual," (Sent free on application) it illustrates all of the best Grasses, gives full descriptions, and much information upon Farm Seeds of inestimable value to the farmer. Prices subject to variation.

**Awnless Brome Grass.** (Bromus Inermis). A new forage plant of the utmost importance, particularly in dry and southern sections, yields enormously. 50 cts.; 100 lbs., $1.50 bush.

**Bermuda.** (Cynodon Dactylon). Valuable for southern states, withstands heat and drought. 25 cts.; 100 lbs., $1.00.

**Creeping Bent Grass.** (Agrostis Scirpoidea). Excellent for lawns, succeeds well in most situations. About 2 bush. to the acre. (20 lbs. to bush) $5.00 bush.

**English Rye Grass.** (Lolium Perenne). A valuable grass. 25 to 3 bushels to the bushel of 25 lbs., $2.50 bush; (Bushel of 28 lbs.) $2.20 bush.

**Hairy Flowered Paspalum.** (Paspalum Diltitum). Valuable southern grass for either pasture or hay. $1.30 lb.

**Japanese Burgundy.** (Paspalum Tutucula). Dwarf hardy grass, of great value for dry situations, indicates superior quality in hay. (25 lbs. to bushel) 25 cts. lb.; $1.25 bush.

**Lucerne.** (Medicago Fili/orme). A valuable annual forage plant. 5 bush. to bush; 10 bush. (50 lbs. to bushel) $1.75 bush.

**Italian Rye Grass.** (Lolium italicum). Unequaled for producing an abundance of early spring growth—giving quick and successful growth through the season. (10 lbs. to bushel) $2.00 bush.

**Johnson Grass.** (Sorghum Halophytes). Of greatest importance for the south, producing very nutritious grass. 100 lbs., 2.25 bush; 200 lbs., 4.50 bush. Price variable.

**Kentucky Blue Grass.** (Poa Pratensis). Very valuable for a variety of soils from moist to dry, furnishes delicious and luxuriant pastureage and makes excellent hay. (45 lbs. to bush) $2.75 bush; (50 lbs. to bush) $3.00 bush. Heterophylus Grass. Excellent for Double extra coarse hay. $21 bushel.

**Louisiana Grass.** (Paspalum Platyczum). In the south furnishes an abundance of useful, early, and productive hay during the season, excepting during a short period, in cold weather. Each 75 cts. per 100; $6.00 per 1000. Seed, 2.00 per lb.

**Meadow Fescue.** (Festuca pratensis). Of great value for permanent pasture and hay. (40 lbs. to bush) $2.25 bush; (50 lbs. to bush) $3.00 bush. Hay. (12 lbs. to bush) $2.00 bush. Price variable.

**Meadow Foxtail.** (Alopecurus Pratensis). Resembles Timothy, but of much earlier and rapid growth, particularly valuable for permanent pastures and hay. (7 lbs. to bush) $2.25 bush; $3.00 bush.

**Orchard Grass.** (Dactylis Glomerata). One of the most valuable of all grasses, for either grazing or mowing, of early, rapid and luxuriant growth. (25 lbs. to bush) $2.50 bush; (50 lbs. to bush) $4.50 bush.

**Red or Creeping Fescue.** (Festuca Rubra). Suitable for sandy sea coasts and low lands. 25 cts. lb.; $1.50 bush.

**Red Top Grass.** (Agrostis Vulgaris). (11 lbs. to bush) $1.25 bush; (10 lbs. to bush) $1.00 bush.

**Rhodes Island Grass.** (Agrostis Caesia). A very fine variety for lawns. About 3 bushels to the acre. (Bushel of 14 lbs.) $1.00 bush.

**Rib Grass or Plantain.** (Plantago Lanceolata). Grows best in dry, poor soils. (25 lbs. to bush) $3.25 bush.

**Rough Stalked Meadow Grass.** (PoA Triticata). Valuable for pastures and meadows, particularly on damp soil. 15⅕ bushels to the acre. (About 14 lbs. to the bushel) 10 cts. lb.

**Sea-Sand Grass.** (Amphophila Araundinacea). For holding shingley sea coasts. $1.00 lb.

**Sea Lyne Grass.** (Elymus Arenarius). For binding loose and shifting lands; $1.00 lb.

**Schuerzes Brome Grass.** (Bromus Schrederi). Recommended as a fodder plant on account of the enormous bulk of its product. (25 cts. lb.; $1.00 bush.

**Sheep's Fescue.** (Festuca Ovin). Excellent for upland and dry pastures, of close dense and nutritive growth, relished by sheep. (25 lbs. to bush) $2.50 bush.

**Sweet Vernal Grass. True Perennial.** (Anthoxanthum Odoratum). Very aromatic, giving hay a fine flavor. (50 lbs. to bush) $1.00 lb.; $2.00 bush.

**Tall Meadow Fescue.** (Festuca Elatior). Early, very productive. Valuable on wet or clay soils. (About 14 lbs. to the bushel) 40 cts. lb.; $5.00 bush.

**Tall Meadow Oat Grass.** (Avena Elatior). Recommended for mowing, being more rapid and luxuriant in its growth, 5 to 6 bushels per acre. (Bushel of 10 lbs.) 30 cts. lb.; $2.50 bush.

**Timothy, or Herd Grass.** (Phleum Pratensis). We offer a particularly "choice" sample. From 1½ to 1 bush. per acre. (45 lbs. to bush) $2.25 bush; (75 lbs. to bush) $3.50 bush; (100 lbs. to bush) $4.00 bush.

**Texas Blue Grass.** (Poa Arachnifera). 25 cts. per pound; 50 cts. per bush.

**Texas Millet.** (Panicum Tansae). 50c. per lb; $1.00 bush.

**Various Leaved Fescue.** (Festuca Heterophylus). 30c. per lb; $1.00 bush.

**Water Meadow Grass.** (Poa Aquatica). Grows by the side of ponds, fresh water lakes, etc. (About 14 lbs. to the bushel) $50 bush; $8.00 per bush.

**Wood Meadow Grass.** (Poa Nemoralis). Of early growth, and thriving well under trees, 5 bush. to the acre. (About 14 lbs. to the bushel) 40c. lb; $5.00 bush.

**Yellow Oat Grass. "True."** (Avena Florencens). Good for pastures and meadows. (About 7 lbs. to the bushel) $7.00 lb.

**SCARLET CLOVER.** (Trifolium Incarnatum). Sow in July, August or September, for mowing or ensiling the ensuing spring. In our experimental grounds in New York State, this has proved quite hardy, during the past two winters, (which however were somewhat mild). It is far the best Clover for Fall use, as the abounding fodder it yields, can be cut and cleared from the ground, by the middle of June following, enabling the farmer to get a "catch crop" to plow under or to, and then follow the land for Wheat in Spring Grain. It should be cut when in full flower. (18 lbs. to bush) 10 lbs. $1.00; 100 lbs. $1.00; 1000 lbs. $1.00.

**Afraita or Lucerne.** (Medicago Sativa). In light soils anywhere particularly in southern latitudes it is invaluable. 25 cts. lb.; by mail, (10 lbs. to the bush) (100 lbs. to the bush) $5.00.

**Alsike or Hybrid Clover.** (Trifolium Hybridum). Almost equal in nutritive value to the Red or Pea Vine Clover. 25 cts. lb.; 10 lbs. $4.50; 100 lbs. $24.00.

**Bokhara Clover.** (Melilotus Lagenaceus). Affords excellent feed for bees throughout its season. 30 cts. lb.

**Crimson Clover. Mammoth or Pea Vine Clover.** (Trifolium Pratensis). 30 cts. lb.; 20 lbs. $2.50; 100 lbs. $25.00.

**Japan Clover.** (Loti/olium Sativum). 40c. lb. Bushel of 100 lbs. $8.00.

**Red Clover. Medium.** (Trifolium Pratensis). Present price, 15 cts. lb; 20 lbs. $1.50; 100 lbs. $12.00.

**Sainfoin.** (Onobrychis Sativa). 15 cts. lb; 100 lbs. $8.00.

**Timothy, or Yellow or Hop Clover.** (Medicago Lapidina). An annual, suitable for sheep pasture and light soils. (60 lbs. to bush) 20c.; (10 lbs.) $1.00; 100 lbs. $16.00.

**White Clover.** (Trifolium repens). Should be used in all mixtures for permanent pasture, and for lawns. (60 lbs. to bush) 25c.; (10 lbs. $3.50; 100 lbs. $20.00.

Henderson's Superior "Reclaimed" Clover Seeds.

ORCHARD GRASS.

Timothy, or Herd Grass. (Phleum Pratensis). We offer a particularly "choice" sample. From 1½ to 1 bush. per acre. (45 lbs. to bush) $2.25 bush; (75 lbs. to bush) $3.50 bush; (100 lbs. to bush) $4.00 bush.

Texas Blue Grass. (Poa Arachnifera). 25 cts. per pound; 50 cts. per bush.

Texas Millet. (Panicum Tansae). 50c. per lb; $1.00 bush.

Various Leaved Fescue. (Festuca Heterophylus). 30c. per lb; $1.00 bush.

Water Meadow Grass. (Poa Aquatica). Grows by the side of ponds, fresh water lakes, etc. (About 14 lbs. to the bushel) $50 bush; $8.00 per bush.

Wood Meadow Grass. (Poa Nemoralis). Of early growth, and thriving well under trees, 5 bush. to the acre. (About 14 lbs. to the bushel) 40c. lb; $5.00 bush.

Yellow Oat Grass. "True." (Avena Florencens). Good for pastures and meadows. (About 7 lbs. to the bushel) $7.00 lb.
Henderson's Penicillin—Is a superior fungicide, a result of his own importation, grown from high spiced flowers. The cheap grades are almost worthless. It is 3 to 4 times more potent than the best Indian, and one of the most effective non-poisonous insect powders. Kills all kinds of insects on plants in the garden and in the house. Price, per lb., $3; by mail, 50¢.

Flowers of Sulphur.—For the prevention and destruction of mildew on roses, chrysanthemums, and the foliage after a thorough spraying. Price, per lb., 8¢; 10 lbs., 61¢; per 100 lbs., $5. If wanted by mail, add 15¢ per lb. for postage.

INSECT KILLING SOAPS.

Fishburn's Compound.—An English preparation for green fly, scale, mealybug, red spider, and mites. Apply to the foliage in a gallon of water and apply with syrupy or vaporizer, or by dipping the plants into the solution. Price, per lb. box, 40 cts.; by mail, 65 cts.

Tobacco Soap.—Makes an excellent wash for plants and trees infested with insects, and it is particularly effective in killing green and black fly, aphids, larvae, and cabbage fleas, potato slugs and back lice. Dissolve 2 oz. in a gallon of water and apply with a spraying pump, syrupy or vaporizers or by dipping the plants in the solution. Price, per lb., 40 cts.; by mail, 50 cts.

Whale Oil Soap.—Makes an excellent wash for plants and trees, kills insects and eggs of the bARK. Mix 1 oz. to a gallon of water and spray on with a force pump. It is of immense importance for sprinkling on the trunks of trees to prevent crawling larvae, worms and bugs that do not fly from getting up the trees by keeping them below a band of whale oil soap, where they are readily killed with kerosene emulsion. Price, per lb., 20 cts.; 2 lbs., 35 cts.; 5 lbs., 75 cts.; 25 lbs. and over 10 cts. per lb.; by mail, add 15 cts. per lb. postage.

Carbolic Soap.—For freeing animals from insects, washing the bark of trees and woody plants, for scale lice, etc. Mix about 2 oz. to a gallon of water. Price, per oz., 15¢; per 4 oz., 70¢; by mail, 85¢.

Tobacco Stems.—For smoking plants infested with green fly, etc. Dampen before lighting. Price, per bale of 50 lbs, 95¢; bale of 200 lbs, $8.

INSECT DESTROYERS.

Powdered White Clay.—For rose bugs and other insects. A small quantity of flour mixed with it gives it adhesive- ness. Dust on with gun or be- fore. For rose slugs, mix it with 25 or 30 gallons of water. Price, 20 cts. per lb., or by mail, 65 cts. per lb.

Tobacco Dust.—Kills green and black fly, fleas, etc., if dusted or blown on the foliage while moist. Price per lb., 10 cts.; 5-lb. package, 40 cts.; 10-lb. package, 75 cts. If wanted by mail add 15 cts. per lb. for postage. We also have a coarse article for sprinkling on the ground. It drives away insects in the earth, and is an excellent fertilizer. Price, per barrel, 10%.

Hammond's Grape Dust. A powder especially prepared to kill grape rot and mildew on grapes, gooseberries, rose bushes, etc. It is easily ap- plied with a powder bellows. Price, 5-lb. package, 35 cts.; 100 lbs. keg, $5 (by express or freight only.)

INSECT KILLING FLUIDS.

Fir Tree Oil.—One of the most reliable for destroying all kinds of pests to which plants are subject. It does not fill up the pores of the foliage, but drives off and re- sists to be washed off. Dose is about 1 oz. of rain water, using 3½ pint to about 10 gallons of water. Some insects will require it stronger and some weaker. Full directions accompany each package. Apply with syrupy, force pump or vaporizers, or by dipping the plants in. Price, ½ pint, 50 cts.; pint, 75 cts.; quart, 8½ ½; gallon, 27½ gal.; $1 if desired by mail at the rate of 25 cts. per pint for postage.

Cole's Insect Destroyer.—A fluid that is sure death to mealy bug and red spider, green fly, black aphids and other insects. This fluid applies the most convenient insecticides for ladies to use on house and garden plants; it is clean and odorless and easily applied in the form of vapor or mist, with a vaporizer or bellows-syringe described on page 69, which makes it go a long way. Price, per ½ pint, 60 cts., or by mail, 75c.

Lemon Oil.—A new English preparation said to be superior to Fir Tree Oil. Our experiments with it have been highly satisfactory; there is less danger in careless hands of injuring foliage and it does not sour the soil. Price, per ½ pint, 50 cts.; pint, 75 cts.; quart, 1½ ½; gallon, 27½ gal.; $1 if desired by mail at the rate of 25 cts. per pint for postage.

Henderson's MILD FAUNA.—A fluid for preventing and destroy- ing mildew on grape vines, gooseberry bushes, roses, etc. One pint is sufficient for eighteen gallons of water. Apply with a syringe or vaporizer. Price, per pint, 50 cts.; or by mail, 75 cts.
PRUNING TOOLS.

Waters' Tree Pruners, (No. 169). Invaluable for pruning branches up to nearly an inch in thickness. The long handled ones are for trees, and the short ones, for shrubs and bushes. Prices, 4 ft., $1.75; 6 ft.; $2.00; 6 ft., $2.25; 10 ft., $2.50.

Telegraph Tree Pruners, (No. 157). Operated with cord, pole of any desired length can be used, a spring throws the knife back. Price, $1.75.

PRUNING SAWS.
The Lightning Double Edge Saw, (Fig. 7). Has no equal, cuts both ways. Holes in the handle for attaching a long handle for use in trees. Price, 10 inch, 70c.; 18 inch, 80c.; 20 inch, 90c.

Pruning Saw and Chisel, (No. 124). A handle of any desired length can be attached. Saw 12 inches long for the larger branches, and the Chisel for twigs. Price, $1.00.

PRUNING SHEARS.

Henderson’s Solid Forged Steel. (No. 127.) Improved spring, 7½ inch, $1.00; 8½ inch, $1.25; 9½ inch, $1.50.

English Pattern, No spring, polished steel, 4 in. 50c.; 6 in., $1.00; 7 in. 1.25, 8 in. $1.75.

Light Clippers, (No. 109.) Handy for light work. Price, 7 inch, 60c.

FLOWER AND GRAPE GATHERING SCISSORS, cut and hold the stem. English pattern, polished steel, 5 inch, 75c.; 6 inch, $1.25; 7 inch, $1.50.

Clibber’s Flower and fruit picking, 45c.

Week’s (No. 131.) Cast Iron, steel spring, flower and fruit picking, 75c.

PRUNING AND BUDDING KNIVES, finest English manufacture. No. A, $1.00; B, $1.00; C, $1.25; D, $1.75; E, $1.75; F. $1.25; G, $1.00; H, $1.50; J, $1.25; K, $1.25; L, $1.50; M, $1.50; N, $1.25; O. $1.25; P, $1.50; R, $1.75; S, $1.75; T, $1.25; U, $1.75; V, $1.25; W, $1.00.

EUREKA FUMIGATORS. (No. 117.) The best and most N, E, D, B, R, simple arrangement for fumigating greenhouses with dampened tobacco stems; it is made of best galvanized sheet iron, a dampner regulates the draft; there is no danger of fire, and no ashes or litter escape.

No. 1, 12 in. high, ... $1.50
2, 16 in. ... 2.25
3, 20 in. ... 2.50
4, 24 in. ... 3.50
5, 30 in. ... 4.00

THERMOMETERS

Sieve’s Self-Registering (No. 177.) This is a imported thermometer, perfectly true, and registers both heat and cold; you can tell exactly how hot or how cold your house is, it has been during the night; it is easily reset by the aid of a horse shoe magnet which accompanies each. Price, $3.00.

Hot Bed and Mushroom Bed, (No. 178.) 12 inch, $2.25.

Ordinary Japanese Thermometers (No. 176.) Tin cases. 12 each, 25c. each; 10 each, 25c. each; 12 in., 30c. each.

Gardeners’ Gloves, (Fig. 175.) Made of heavy sheep skin, saves the hands, while working among thorny plants. Per pair, 85c.

Rubber Gardening Gloves, in black, white, tan or lavender, with half long, 175 gauntlets. Per pair, $1.50. Ladies’ Sizes Nos. 6, 7, 8. Men’s Sizes, Nos. 10, 11, 12.

RUBBER PLANT SPRINKLERS.

Indispensable for sprinkling cut flowers, bedding, etc. A pressure on the bulb ejects the water in a fine spray. Prices, ½ pint size, 62c.; ⅔ pint size, 80c.; 1 pint size $1. Postage 10c. each extra.

CHANDLER’S LIPPED GLAZING POINTS.

The “lip” prevents the glass from slipping down, a little projection from the point holds it firmly in place. Quickly put in with the aid of pincers made for the purpose, which is a great advantage over the old plan of drawing them in. Price of points per box of 1,000 (½ in. greens and ⅜ in. reds) 75c.; 5,000, $3.50. Postage per 1,000, 6c. extra. Pincers, (Fig. 172.) per pair, 50c.; by mail, 55c.

IMPLEMENTS FOR APPLYING FLUID INSECTICIDES &c.

IN A MIST.

Woodason’s Vaporizing Bellows throw a spray fine as mist, rendering the use of strong solutions of Kerosene, Fir Tree Oil, Tobacco Soap and poisonous fluids perfectly safe on tender foliage plants, killing the insects without harming the plants, without using half the quantity required by spraying. (Fig. 170.) Price, Large Size, $2.00; Small Size, for house use, $1.75.

Florence Vaporizer, (Fig. 174.) Handy little article for applying Cole’s Insecticide and other fluids in form of mist, on house plants. 75c.

IMPLEMENTS FOR APPLYING POWDERS.

Woodason’s Double Cone Powder Bellows, (Fig. 110.) This Bellows is the best ever invented for applying powders under the leaves as well as on top, can be held in any direction without wasting powder as it regulates its own supply, and it does not clog up. Price, $3.00.

Woodason’s Single Cone Powder Bellows, Price, large size, $1.50; Small size, $1.20.

POWDER GUN.

(Fig. 111.) useful for applying powders to house plants. 2 oz. size, 20c.

WATERING POTS.

Made of the best Galvanized Iron and will not rust. (Fig. 172.) 6 qt., 80c.; 8 qt., $1.00; 10 qt., $1.25; 12 qt., $1.50; 16 qt., $2.00.

French Watering Pots, (Fig. 175.) Being flat is easily carried. Improved handle does not strain the wrist; 6 qt., $1.25; 8 qt., $1.50. Fine roses for the above watering pots, extra 25c.

APHIS BRUSH.

A handy little article for cleaning both sides of the leaves, brushing off green fly, mealy bag, scale, etc. (Fig. 173.) Price, 75c.
COLD FRAME AND PIT.

Already fitted for putting together by purchaser. When set up is of the following dimensions, 5½ feet wide x 6 feet long x 3½ feet high at back x 1 foot in front. The frame and sash will come all "knocked down" and one box of glass, so transportation charges will be light.

The advantages of a cold frame to all who grow flowers and vegetables are inestimable. The plants of fall sown seeds of Pansies, Forget-me-nots, Bellis, Cowslips, Auriculas, and many other almost hardy things can be wintered over and made for finer flowers than by any other method. Bulbs of Hyacinths, Tulips and Lilies can be kept in pots in a frame of this kind and be brought in the house at intervals throughout the winter, the colchicum induces a growth of roots without exciting the tops into growth, and thereby insures a perfection and luxuriance of bloom and growth not obtained in any other way. Plants such as Ro es, Carnations, Azalias, Violets, etc. can be kept over winter or can be brought in the house during the winter for blooming.

Price for Frame and Glass Complete f. o. b. car or steamer, $10.00.

Patent Protecting Cloth.

Specially prepared to prevent mildewing and rotting; valuable for protecting plants from frosts, covering hot-beds and frames in spring, in lieu of glass, for Chrysanthemum houses, for covering tender bedding plants at night when there is danger of frost thereby lessening the display, etc., at one-tenth the cost of glass.

**PRICES.**

(Pieces contain from 40 to 60 yards.)

Heavy Grade, weighs about 36 lbs. per 100 yds. per yd., 10c. ........ By piece per yd. 10
Medium Grade, weighs about 25 lbs. per 100 yds., (best for general purposes) per yd., 10c. ....... 8
Light Grade, weighs about 17 lbs. per 100 yds., per yd., 5c. ....... 4

Samples and circular mailed on application.

HOT-BED SASH.

Unglazed, best quality, with oak bar, size 3 x 6 feet, using 6 x 6 inch glass. Price, $1.25 each; or doz., $12.00. In shocks (not put together), making freight less, $1.00 each; $10.00 per doz.

Gazed Sash, painted one coat, 3 x 6, $1.75 each; 10 doz. per doz. For shipment these have to be boarded up. costing extra for each bundle, 75c. (From one to six sashes can be put in a bundle.)

HOT-BED MATS.

Made of straw and best tarred cord—they are invaluable for throwing over cold frames, hot beds, etc., during the coldest weather, they roll up and can be stored in small space. Size, 6 x 6 feet. Price, $1.25 each; or doz., $12.00 per doz.

Eclipse Syringe.

Hale's Perfect Mole Trap.

The Best Trap Made.

It is easier set than any other trap, and cannot injure the operator when being set.

It will catch moles when quite deep in the ground, and being so pin or other obstruction projecting into the run, there is nothing to frighten the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger, which rests on the soil over the "run." The points of the pins being in the ground, it cannot injure domestic animals.

Price, $2.00.

Best Brass Syringes.

Made in the best manner with all latest improvements, made of solid brass, and highly finished. Those with the patent valve will fill very quickly. Will last for years if properly used—are easily repacked and cheaper in the end than low priced articles.

No. A. 1 spray and 1 stream rose... $2.25
No. B. 1 coarse and 1 fine spray and 1 stream rose 3.75
No. 10. 1 coarse and 1 fine spray and 1 stream spiral under the foliage, extra, $1.00 5.90
No. 11. Same as No. 10, without patent valves (elbow joint for sprinkling under the foliage) 4.75

Syringe, Eclipse. Throws a continuous stream of spray as desired. An excellent thing for throwing liquid insecticides, such as: Fir Tree Oil, Kerosene, Solutions, etc., operate it continually without thrusting the nozzle in the fluid which is to be disused the old way. Price, 4 ft. base, $6.00, or with elbow joint for sprinkling under the foliage... 6.75

Wire Plant Stands.

These are well made—thoroughly braced, with castor wheels on and are painted green.

Oval Stand.

3 SIZES.

No. 15—28 in. high x 20 in. long... $5.00
No. 16—28 in. high x 20 in. long... 6.00
No. 17—28 in. high x 20 in. long... 7.00

Half Circle Stand.

2 SIZES.

No. 19—35 in. high x 35 in. long... $5.00
No. 20—38 in. high x 35 in. long... 6.50

Long One Shelf Stand.

3 SIZES.

No. 24—24 in. high x 24 in. long... $4.00
No. 25—24 in. high x 24 in. long... 6.00
No. 26—24 in. high x 24 in. long... 7.00

Two Shelf Stand.

2 SIZES.

No. 13—77 in. high x 30 in. long... $6.00
No. 14—77 in. high x 30 in. long... 8.00

Zinc Trays Extra Per Set.

1 inch deep to catch drift for No. 6, $1.25; for No. 7, $1.50; for No. 8, $2.00; for No. 9, $2.50; for No. 10, $3.00; for No. 11, $3.50; for No. 12, $4.00; for No. 13, $4.50; for No. 14, $5.00; for No. 15, $6.00; for No. 16, $7.00; for No. 17, $8.00; for No. 18, $9.00; for No. 19, $10.00;

4 inches deep to hold earth, for No. 6, $1.25; for No. 7, $1.50; for No. 8, $2.00; for No. 9, $2.50; for No. 10, $3.00; for No. 11, $3.50; for No. 12, $4.00; for No. 13, $4.50; for No. 14, $5.00; for No. 15, $6.00; for No. 16, $7.00; for No. 17, $8.00; for No. 18, $9.00; for No. 19, $10.00; for No. 20, $11.00; for No. 21, $12.00.
TERRA COTTA HANGING POTS.

These are beautifully painted and decorated and when filled with plants are elegant ornaments for suspending in the conservatory or parlor windows.

No. A. Hanging Shell, ivory white, 11 inches, 90c.
No. B. Rustic Finish, saucer prevents drip, 7 inch, 30c; 9 inch, 40c.
No. C. " 8 inch, 75c; 10½ inch, $1.00.
No. D. " 7 inch, 30c; 9 inch, 40c.
No. E. Ivory white and red with gilt vine, saucer prevents drip. 8 in. 95c., 9 in. 45c.

Brass Chains, each 10c.; $1.00 per doz.; by mail, 12c.; $1.25 per doz.

Flower Pots and Jardinieres.

TERRA COTTA, CHINA AND OWARI.

No. F. Terra Cotta, Rustic Finish, 5½ inch, 30c; 6½ inch, 40c; 8 inch, 60c.
No. G. " 6½ inch, 55c; 8 inch, 60c; 10 inch, $1.00.
No. H. " richly bronzed, 11 inch, $7.25; 13 inch, $4.00.
No. I. " Ivory, Red and Gilt. 5 in. 90c; 6 in. 30c; 7 in. 45c; 8 in. 50c.
No. J. China, hand painted and decorated, 5½ inch, $2.00; 6½ inch, $2.25; 7 inch, $2.50.
No. K. Terra Cotta, colored in tints, 8 inch, 60c.
No. L. Japanese Ware, raised designs, white decorated in blue under glaze, 6 inch, $1.50; 8½ inch, $1.85; 10½ inch, $3.00.
No. M. Repousse, Gilt, 5 inch, 40c; 8 inch, 50c.
No. N. Rustic, cut flower vase, 75c.
No. O. Granulated Surface and Raised Net Work, 7½ inch, 80c; 9 inch, $1.25; 11 inch, $2.00.

CROCUS AND LILY OF THE VALLEY POTS.

Crocus and Lily of the Valley roots grown in these pots make interesting and beautiful ornaments. The roots are placed close to the holes so the flowers and leaves will grow out. Keep dark and cool until well rooted.

No. P. Beehive Crocus pot, 75c.
No. Q. Hedge Hog, 75c.
No. R. Lily of the Valley pot, (Rough finish), 25c.
HYACINTH GLASSES.

Hyacinths grown in glasses of water are charming ornaments for parlor windows, and the ease and success in flowering bulbs in this way adds greatly to the popularity of not only Hyacinths but Polyanthus Narcissus, Amaryllis Formosa, etc., and other bulbs, which can be grown in the same manner. We offer both plain cheap glasses and the more expensive and handsomely decorated ones; with care they last for years, and can be used for cut flower vases when desired.

Patent Hyacinth Glass. This is in two parts, the inner contains the bulb and roots, and can be removed without injuring them, to refill with water. Each, 35c.; $3.50 per doz.
Plain Bohemian Shaped Hyacinth Glass. A beautifully shaped glass in various plain colors. 50c. each; $3.00 per doz.
Decorated Bohemian Hyacinth Glass. Handsomely ornamented in engraved or gilt designs. 50c. each; $3.00 per doz.
Queen Hyacinth Glass. A beautiful satin finished glass; very rich. 75c. each; $8.00 per doz.

Tall or Belgian Hyacinth Glass. This is a favorite style—they come in various plain colors, 20c. each; $2.00 per doz.
Tye's Shape Hyacinth Glass, Plain. An improved shape—not so easily tipped over—they come in various plain colors. 20c. each; $0.20 per doz.
Tye's Shape Hyacinth Glass, Decorated. We have these in various styles of decorations—they are exceedingly beautiful. 75c. each; $5.00 per doz.

CHINESE SACRED LILY BOWLS.

These handsome imported dishes are the same as are used by the Celestials for growing their famous "Joss Flower" in. (See page 17.) The bulbs should be surrounded with pebbles to keep them from toppling over when in flower, and then water enough put in to cover about one half of the bulb; place them in a dark, cool closet for a couple of weeks to become rooted and then bring into the light.

"TOKIO."
White ground, artistic flower decorations in pink, yellow, blue, etc. 9½ inches diameter; holds 2 or 3 bulbs. $2.25.

"SEJI."
Heavy strong ware, of sea green color, decorated with raised flowers, birds, etc. in colors and gilt under glaze. 7 inches in diameter; holds 1 or 2 bulbs. Price 60c.

"OWARI."
Cobalt blue decorations, on white ground under glaze. 7 inch—for 1 bulb, 50c. 8½ " " 2 " 70c. 9½ " " 3 or 4 " 1.00.

"KAGA."
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