

Historic, archived document

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

62.27

LIBRARY
RECEIVED
Department of Agriculture

1888

ANNUAL CATALOGUE

— OF —

Seeds, Plants, Bulbs,

TOOLS, ETC.

AINS WORTH, IOWA.

PUBLISHED BY
A. E. SPALDING.

✠ To Friends and Customers. ✠

IT is with pleasure that we present you with this our EIGHTH ANNUAL CATALOGUE. It will be noticed that we have departed from our usual custom, and added many cuts, to more fully describe many of the articles herein named. Although this feature adds much to the expense of a catalogue, we will not burden our customers with any increase in price of the goods offered, trusting that the improvement in appearance, and the better descriptions of articles, will so increase our orders that we will in that way be fully compensated for the additional outlay.

Compare our prices with those of other houses, and you will find it to your advantage to give us at least a trial order.

FOR BARGAINS see beginning of Plant Department and end of Seed Department.

DO NOT FAIL to notice list of premiums on third page of cover, offered to subscribers to PLANTER'S GUIDE.

NOTES TO PURCHASERS.

THIS CATALOGUE cancels all price lists heretofore issued. Make your orders from it.

ALL ARTICLES named in this catalogue will be sent post-paid on receipt of price, unless otherwise specified.

WE GUARANTEE the safe arrival of all goods sent out. When received in good order my responsibility ceases. We also guarantee goods to be true to name.

SUBSTITUTING.—Orders sometimes call for an article of which stock is temporarily exhausted. When such is the case, rather than delay the order, another variety equally good will be sent, unless forbidden to substitute.

SENDING PLANTS by mail is our specialty. Our system of packing is so perfect that we can send them to any part of the United States in safety.

CATALOGUES will be sent to customers free, without application, and to all others who ask for them. No catalogue will be issued in the fall; but this book contains price list of Bulbs and Plants especially prepared for winter blooming. PRESERVE THE BOOK.

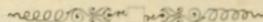
REMEMBER to write your name, post-office address, county, and state so plainly that there can be no mistake in reading them.

SEND MONEY by registered letter, post-office money order, express, or bank draft on Chicago or New York, at our risk. Money sent in any other way than here mentioned must be at the risk of the sender. Stamps taken same as money—those of one and two cent denominations preferred.

EARLY ORDERS are solicited, especially for seeds. Such orders are advantageous for both dealer and purchaser, as they can be filled before the busy season, and the customer has the seeds in readiness for planting when the season comes.

MISTAKES sometimes occur, although we take special pains to prevent them. Should any occur, please point them out, and they will be cheerfully corrected.

Plant + Department.



THE Plants herein named are grown under our own supervisor, in cool houses especially prepared for the purpose. Thus they are much stronger than plants grown in strong heat as are the majority of plants offered for sale. All the plants we send out are of good size, clean and healthy, and are sure to give entire satisfaction to customers as hundreds of testimonials will testify. Our stock of plants is large and our facilities for packing such that we can fill all orders promptly and satisfactorily. While we can fill orders at any time, we consider the months of March and April the best for sending plants by mail.

Safe arrival of plants is guaranteed. When received in good condition, our responsibility ceases. We pay postage on all mail orders.

As it is very difficult to pack small orders so as to carry safely by mail, please do not send for less than 25 cents' worth. Plants and seeds cannot well be packed together.

EXPRESS ORDERS.

Although we make a specialty of sending plants by mail, we would recommend that, where it is convenient to do so, customers order their plants sent by express, as much larger plants can be sent, and they always arrive in better condition than when sent by mail. Purchasers are to pay charges on plants sent by express, but we will in all cases add extra plants to help pay the same.

THE SOIL.

Any good garden soil will do for potting plants. However, thoroughly rotted sods from the pasture field make the best soil for this purpose. A mixture of equal parts of leaf-mold, or well-rotted manure, garden soil and sand, is also good.

PLANTS RECEIVED BY MAIL

will sometimes be slightly wilted. When such is the case, immediately take from the box and place in milk-warm water, without removing the packing material. Allow them to remain from twenty minutes to an hour, as the case may require. Plants are very sensitive to a change of temperature: therefore, if at all cold when received, expose the roots to the air as little as possible. As soil is removed to lighten them for mailing, they are thus deprived of their natural protection. The tops are not so easily injured, as we endeavor to harden them as much as possible before sending out.

If intended for house-plants, pot immediately, in rather small pots, filling the pots to within half an inch of the top, which will allow room for water. Water the roots sparingly at first, but sprinkle the foliage frequently, and keep in a shady place for a few days. See that vessels have drainage.

If the plants are to be bedded out immediately, have the soil thoroughly pulverized, and press it thoroughly about the roots. Be very particular in this matter, as the roots must be protected from the air and brought in close contact with the soil. If the sun is hot, shade for a few days.

For the accommodation of those who want cheap plants, but do not care for names, we have prepared the following collections. These plants we guarantee shall be good varieties, strong and well rooted, in fact, just as good as those offered at single rates, but none of them will be labeled. It must be distinctly understood that the selection of varieties in these collections must in all cases be ours, and that no premiums can be given with these cheap plants.

COLLECTIONS.

For 25 cents we will send, postage paid, to any address, any one of the following collections without premium:

- | | |
|--|--|
| <ol style="list-style-type: none">1. Six Coleus, assorted.2. Five Fuchsias, assorted.3. Four Geraniums, assorted.4. Four Begonias, assorted.5. Six Plants, all different.6. Three Fuchsias and three Coleus.7. Three Begonias and two Geraniums. | <ol style="list-style-type: none">8. Two Fuchsias, two Coleus and two Geraniums.9. Six Chrysanthemums, assorted.10. One Bronze and one Scented Geranium, two Verbenas and two Pansies. |
|--|--|

Any SIX of the above collections for ONE DOLLAR AND TWENTY-FIVE CENTS.

For 50 cents we will send to any address, postage paid, any one of the following collections without premium.

- | | |
|--|---|
| <ol style="list-style-type: none">11. Thirteen Coleus, assorted.12. Twelve Fuchsias, assorted.13. Nine Geraniums, assorted.14. Eight Begonias, assorted.15. Seven Basket Plants.16. Six Coleus and Six Fuchsias.17. Three Geraniums, Three Verbenas, and Four Fuchsias.18. Two Geraniums, Two Coleus, Two Fuch- | <ol style="list-style-type: none">sias, Two Begonias and Two Pansies.19. One Calla, One Hydrangea, One Heliotrope, Two Verbenas, One Lantana, Two Chrysanthemums and one Geranium.20. Two Roses, Two Heliotropes, Two Verbenas, Two Pansies and three Fuchsias. |
|--|---|

Any SIX of the above collections, without premium, to one address, TWO DOLLARS AND FIFTY CENTS.

For \$1.00 we will send, postage paid, to any address, any one of the following collections:

21. Twelve Roses, assorted.
 22. Twenty Geraniums, assorted.
 23. Twenty-seven Coleus, assorted.
 24. Twenty-one Chrysanthemums.
 25. Fifteen Carnations.
 26. Five Geraniums, Five Verbenas, Five Feverfew and Five Coleus.
 27. Five Pansies, Five Carnations, Five Daisies and Five Fuchsias.
 28. One Calla, One Primrose, One Hydrangea, Two Heliotropes, Three Fuchsias, Two Verbenas, One Alyssum, Two Petunias and Two Feverfew.
 29. Seven Tuberoses and Twelve Gladioli.
 30. One Fancy Geranium, Two Bronze Geraniums, Two Scented Geraniums, Two Carnations, Two Petunias, Two Verbenas, Two Fuchsias, Two Feverfew and Three Coleus.
- Any SIX of the above collections to one address for FIVE DOLLARS.

Many hundreds of these collections have been sent out in previous years, and they have given universal satisfaction. At above prices all can afford to put out large beds of plants.

GENERAL LIST OF PLANTS.

In this list are included many plants that are comparatively new, but all have been fully tested, and are known to have merit that entitles them to a place in any collection. While we make a specialty of bedding plants, nearly all we catalogue do well as pot plants, also.

It is our aim to make prices to suit the times. Notice the extremely low prices we make this year. Notwithstanding this, we offer the premiums named below to all who purchase plants at *single rates*. No premiums can be allowed on collections, and premiums on plants must be chosen in plants.

PREMIUMS.

For \$1.00 choose plants to the amount of	\$1.15
“ 2.00 “ “ “ “ “ “	2.35
“ 3.00 “ “ “ “ “ “	3.60
“ 4.00 “ “ “ “ “ “	4.90
“ 5.00 “ “ “ “ “ “	6.25

For each additional dollar, choose thirty cents' worth.

ABUTILON.

A woody plant of easy culture; does well bedded out; flowers pendulous and bell-shaped.

Boule de Nieve, a fine white variety, of strong growth and free-blooming habit. Each, 10c.

John Hopkins, flowers a bright canary-yellow; a vigorous grower. 10 cents.

Roseflorum, an extra free bloomer; color, salmon and rose, veined with crimson. 10 cts.

Thompsonii, a plant of fine habit, with beautiful mottled leaves; a fine bedder; retains the variegation of leaves in the hottest weather. Each, 10 cents.

ACHANIA.

A greenhouse shrub which blooms both winter and summer; not troubled with insects; flowers a bright scarlet; a fine summer bedding plant. 15 cents each.

ACHYRANTHES.

A valuable class of ornamental bedding-plants, with a great variety of foliage. Four kinds. Three for 25c; or, 10c each.

AGAVE.

The well-known Century-Plant. As a vase plant it cannot be excelled. When the plants become very large they make the most beautiful lawn ornaments imaginable.

Agave Variegatum, price, according to size, 25, 50, 75 and \$1.00.

AGERATUM.

A free-flowering plant, easily grown, valuable for cut flowers.

Blanche, flowers pure white. Each, 10 cents.

Mexicanum, blue flowers. 10 cents.

Cannell's Gem, a dwarf variety; bright purple flowers. 10 cents.

Three varieties for 25 cents.

ALOE.

A plant with thick, fleshy, green leaves; in habit something like the Century-Plant, but of more upright and vigorous growth; blooms annually in winter. 20c each.

ALTERNANTHERA.

A dwarf plant, extensively used for edgings; foliage of many colors.

Several varieties; each, 10c.

Per dozen, 75c.



ALYSSUM.

A very popular, rapid-growing plant, producing pure white flowers in great abundance.

Double, flowers very double and very compact. 10 cents each.

Dwarf, one of the best border-plants in existence; never grows more than four in. high, and is a perfect mass of white flowers. 10c.

Double Variegated, a comparatively new variety; leaves have a pure white margin, which

with its abundance of pure, double, white flowers, make it a very desirable plant for basket, pot, or bedding. 10c.

Gigantea, a large-leaved, winter-flowering sort; a good window plant, if kept in partial shade; 25 cents.



BEGONIA, RUBRA.

ANTHERICUM.

Anthericum Variegatum. This is an elegant house-plant; has dark green leaves, beautifully bordered with broad stripes of pure white; it throws up long spikes of small star-shaped flowers, which are very effective; fine for hanging-baskets. Each, 20c.

Anthericum, Common, plain green leaf; flowers same as above. 10c.

AMARYLLIS.

Splendid flowering bulbs, suitable for house culture. Allow them to rest after flowering, keeping them dry during winter. A very desirable class of plants.

Fermosissima, rich crimson flowers; a very showy plant. 35 cents each.

Johnsonii, flowers scarlet, striped with white, and very large; a magnificent plant. Each, 75 cents to \$1.00.

BEGONIAS.

Begonias are divided into three classes—Flowering, Rex, and Tuberous-rooted.

Flowering Begonias form one of the most popular classes of plants in existence. The beauty of their foliage, combined with their abundant flowers, make them very desirable house or show plants. If kept in a temperature of about seventy degrees, they will bloom freely during winter.

Alba Perfecta, small notched leaves; flowers pure white; rapid grower and very free bloomer. 10 cents.

Argyrostigma, leaves dark green, with white spots; flowers white; a rapid grower. 10c.

Foliosa, delicately cut foliage and white flowers. 10c.

Glaucophylla Scandens, a trailing or drooping variety; flowers orange-salmon, a very handsome basket-plant. 10c.

Incarnata, a strong, upright grower; pink flowers; free bloomer. 10c.

Metallica, a very handsome sort; foliage dark green, with a silvery lustre; flowers a light pink. 15c.

Multiflora, flowers rosy-pink; winter-bloomer. 10 cents.

Pieta, leaves spotted white and of good size, more beautiful than *Argyrostigma* and a stronger grower. Flowers white. 10c.

Rubra, one of the finest Begonias in cultivation; leaves of a dark, glossy green; flowers are intense scarlet, and grow in immense clusters. 10c. (See cut.)

Sandersonii, flowers scarlet; winter bloomer. 10 cents.

Schmidtii, a very free bloomer; flowers white, rimmed with pink. 10c.

Semperflorens Alba, flowers white; an excellent bedding variety. 10c.

Semperflorens Rosea, flowers light pink, heavily shaded with crimson. 10c.

Subpeltatum Nigricans, leaves are a rich shade of crimson; entirely unique in character; excellent for a center plant in hanging-basket. 10c.

Washingtonii, a vigorous grower; large leaves, elegant truss of large white flowers. 20c.

Weltoniensis, pink flower and red stem; popular. 10c.

Weltoniensis Alba, same as above, except flowers, which are white. 10c.

Zebrina, foliage dark green with whitish veins; a strong grower. 10c.



Rex Begonias are a beautiful class of pot-plants. Care should be taken to keep the foliage free from dust, as they will not bear washing by showering, but require an abundance of water at the roots. Like all Begonias, they grow best in the shade. We have a large collection of these plants, including all the best varieties.

Mailing size, 15c; large plants, by express, 25c.

Tuberous-rooted Begonias are fast becoming popular, and the last few years have added many fine varieties to the list. The bulbs present a singular appearance, and when planted out in the spring, as we plant tuberose, etc., produce fine plants, and bloom until frost comes. As soon as the tops die down, the bulbs should be taken up, thoroughly dried, packed in dry sand, and put in a cool place to keep over winter.

Choice seedlings, of the newest varieties, 30c. Per dozen, \$3.00.

The oldest and most common Begonia of this class is well-known as "Beef-steak" Begonia, on account of the peculiar markings of the leaves.

Small bulbs of this kind, 5c; Large bulbs, 10c.

BOUVARDIAS.

This beautiful class of plants is destined to receive more attention in the future than in the past. The plants are easily grown, and reward the grower with a profusion of brilliant flowers all winter. In color they vary from the purest white to intense scarlet. 20c each.

BRYOPHILLUM.

A plant with thick, fleshy leaves, from the margins of which young plants will spring, if kept in a warm, moist situation. Each, 10c.

CALADIUM.

A plant of vigorous growth; leaves often three feet long, and nearly as wide. It requires a very rich soil and plenty of water. Bulbs must be taken up in the fall and stored in a dry cellar.

Caladium Esculentum, 25c.

Caladium Fancy, each, dry bulbs, 25c; doz. \$2.50.

The Fancy Caladium does not grow as large as the other variety; but the variegated foliage margined and delicately traced with various rich colors, elegantly spotted and mottled with rich shades of green, crimson, violet, rose and white, renders the plant very handsome, either alone or intermingled with other plants. For exhibition plants, during summer and fall, they are unequalled. For this purpose as well as for house decoration, they must be grown in pots; but they also do well planted out in shady places. They require a very rich, moist soil and a warm location. Plant out about June 1st. Our collection contains all the best varieties.

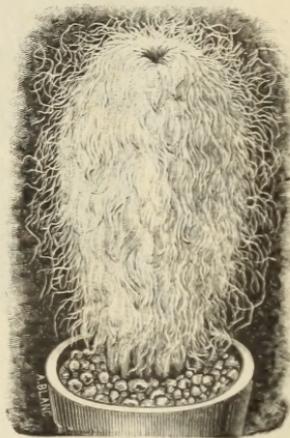
CALLA.

An old and favorite plant which should be found in every collection. It grows rapidly and requires an abundance of water, producing large, pure white blossoms during winter and spring. The resting period, during June and July, can be given by turning the pots on their sides, in a shady place and withholding water.

Mailing size, good plants, 10 to 25 cents.

Extra large plants, by express, 50, 75 to \$1.00.

Alba-maculata, or **Spotted Calla**, is similar to the above, but leaves are white-spotted; is a fine summer plant. The bulbs must be kept in dry sand during winter. Each, 15, 25, 35, 50 to 75 cents.



CACTUS.

This is an interesting class of plants, on account of their curious leafless growth and brilliancy of their flowers.

Several of the best blooming varieties; each, 25 cents.

CALCEOLARIA.

This plant is of a highly decorative nature, and is indispensable for parlor or flower garden. Remarkable for its large, finely shaped, and beautifully spotted flowers. 15c each.

CARNATIONS.

This is one of the sweetest plants grown. Nothing is better for winter flowers. Bedded out during summer they will bloom continually and profusely. If desired for winter blooming, pinch back all long shoots and take off all buds that appear up to the middle of August. Take up and pot the latter part of September or the first of October. Keep in a well ventilated room. We name below a few of the best varieties:

President DeGraw, standard pure white; blooms freely. Each, 10c.

Snowdon, dwarf white; flowers very large. 10c.

Jennette, new, white; seedling of Peter Henderson, but better in every way than that variety. 10c.

Edwardsii, new; a perfect formed white flower, of strong, vigorous growth; blooms very early. 20c.

Joliffe, Rich shade of blush deepening to rose; highly rose-scented. 10c.

Scarlet Gem, new; the finest Carnation yet introduced. Its color is a rich dazzling scarlet; habit, dwarf; growth, vigorous; a remarkably free bloomer. 20c.

Grace Fardon, new; greatly admired for its beautiful pink color; flowers very large and plentiful. 20c.

Sunrise, a strong, vigorous grower of good habit; color, light buff flaked with carmine; flower large, of good shape and very fragrant. 15c.

Portia, new; a perfect Carnation, in health and vigor; flowers bright scarlet; Splendid bloomer. 20c.

Buttercup, new; rich golden yellow with a few streaks of clear carmine. Florets large, full and very double. This is a grand addition to the Carnation list. 25c.

Garfield, a strong healthy grower of dwarf habit; rich vermilion color and very fragrant. 10c.

Seawan, dark crimson maroon; a very free bloomer. 10c.

La Purite, fine carmine color, and a good bloomer. 10c.

Unlabeled varieties, our choice, each, 8c; fifteen for \$1.00.

CHRYSANTHEMUMS.

Each season this class of plants is becoming more popular. The florist's art has so developed its beauty and multiplied the varieties that now a collection of Chrysanthemums alone makes a fine flower show. For late autumn and early winter flowers, nothing is better. They may be grown either in pots or in the open ground. Give them good, rich soil and plenty of water and sunshine. Mulch with straw or coarse manure in the hottest weather, if grown in open ground.

We have a fine assortment of the latest and best varieties, in mixture, 50 each.

COBEA.

A very popular climbing plant for house culture; a very rapid grower; flowers purple, trumpet-shaped and an inch and a half in diameter. 15c each.

COCOLOBA.

A curious flat-stemmed plant, suitable for the center of a hanging-basket. 10c each.

COLEUS.



This is the best and cheapest class of ornamental, or, as they are commonly called, "foliage," plants, either for pot culture or bedding purposes. In the past few years many valuable additions have been made to this already very large family of plants. The markings of the leaves are rich and varied, including all the bright colors, commingled in every conceivable manner. A collection of these plants will give rare pleasure to the possessor. Bed out when all danger of frost is past. Poor clay soil will bring out the richest colors.

Our stock of Coleus has been chosen particularly for bedding purposes, and consists of

such standard varieties as **Ara Gray, Contrast, Firebrand, Innisfallen, James Burnshaw, Progress, Captivation, Illuminator, Lord Cavendish, South Park Gem, Relta Kirkpatrick, Starlight, Verschaffeltii, Niger, Multicolor, Amazement, Pictus,** and many others. 5c each; 50c per dozen; per hundred, in May and June, \$5.00.

CYPHEA.

Platycentra, (Ladies' Cigar Plant), is a well-known ever-blooming plant, of neat habit, growing from ten to twelve inches high; tube of flowers is scarlet, with the end partly white and crimson; very useful as a ribbon-line or front border; also a fine pot plant. 10c each; 75c per dozen.

CYCLAMEN.

This is one of the most showy plants for house cultivation. Its time of blooming is in the winter and early spring. Flowers of singular shape and various colors. It requires a very light rich soil, and frequent watering while growing. Blooming plants, 25 to 50c. (See cut on next page.)

CENTAUREA GYMNOCARPA.

This plant belongs to the "Dusty Miller" class of plants, but differs from the old variety in having very gracefully divided leaves, which add much to its beauty. Valuable for ribbon beds; the silvery foliage contrasting finely with coleus. 10 cents each.

CYPERUS.

A grass-like plant, which throws up stems about two feet high, surmounted at the top by a cluster or whorl of leaves, which give it an umbrella shape. Often called Umbrella-Plant, A splendid plant for the center of a basket, vase, or warden-case, or as a water-plant. 10c.

DAISY.

A perfectly hardy little plant of very dwarf habit. It blooms very early in the spring, almost as soon as snow is gone. Plant in a cool, shady place. Protect with a slight covering of straw or leaves in winter.

Double, red and white, in mixture, dozen, \$1.00; each, 10 cents.

DICENTRA SPECTABILIS.

Often called Bleeding Heart. Bears heart-shaped, deep pink flowers, a dozen or more being borne on a graceful, drooping raceme a foot or more in length. Excellent for garden, and perfectly hardy everywhere. 10c each.

EUONYMUS.

Radicans Variegatus, a plant with small, glossy, pea-green leaves, deeply margined with creamy-white; well adapted for hanging baskets. 15c each.

FERNS.



As ornamental plants, these are now quite popular. In summer they should be set out of doors on the shady side of the house. They require frequent showering in both summer and winter. All of the best varieties. 25c each.

FEVERFEW.

The Feverfews are among the handsomest and most useful of all border plants. The double white has pretty white, very double, daisy-like flowers, that are always desirable for cutting; while the golden

variety, with its bright, yellow foliage, makes the best and brightest edgings for beds of foliage plants.



CYCLAMEN.

Aurea, or Golden, best yellow-leaved plant for bedding purposes. 10c.

Double White, good for either house or garden, 10 cents.

Little Gem, flowers larger than Double White; habit dwarf. 10c.

FARFUGIUM.

A first-class ornamental pot plant; leaves thick and leathery; dark green, with white spots. Sometimes called Leopard Plant. 25c.

FRAGARIA.

Sometimes called Mock Strawberry. A plant of trailing habit, suitable for hanging-baskets. It produces a fruit very much resembling the strawberry. 10c each.

FUCHSIAS.

A very popular and easily-grown plant. Does well as house-plant, either for summer or winter blooming. Will also do well bedded out in summer if partially shaded. The following list represents all the best varieties.

Storm King. This beautiful double white, weeping, new Fuchsia, is one of the novelties that has come to stay. The calyx is of intense scarlet color, which, in contrast with the white of the corolla and the bright green of the leaves, makes a beautiful showing. The buds are very large and remain on plants as much as two weeks before opening. The flowers continue to grow larger for several days after opening, and under favorable circumstances

reach an enormous size. On account of its free-blooming qualities this Fuchsia is called a perpetual bloomer. Our stock is *genuine*. 15c each. (See cut.)

Phenomenal. This is the largest Fuchsia yet introduced. Tube short; calyx a rich reddish crimson color; corolla a beautiful azure violet flaked with red; very double. 20c. (See cut on next page.)

Avalanche, corolla violet, with carmine sepals; blooms early, grows erect, and has handsome foliage; blossoms very large. 10 cents each.

Elm City, sepals rich crimson; corolla violet-purple; a standard. 10c.

Gustave Dore, very distinct; creamy-yellow with clear red, well-reflexed sepals. 10c.

Hercules, large, dark purple flower; foliage beautifully variegated. 10c.

Jeanne d'Arc, new; habit dwarf and branching; entirely covered with large double flowers; tube and sepals bright scarlet; corolla purest white. 10c.

Le Negre, large, light purple corolla, with rich carmine sepals; a grand plant. 10c.

Van der Strass, one of the finest double white varieties. 10c.

For cheap plants, see Collections.

SINGLE VARIETIES.

America, crimson corolla; white calyx. 10c.

Bianca Marginata, sepals white; corolla deep pink; winter-flowering. 10c.

Black Prince, corolla bell-shaped, reddish-rose; sepals carmine; very free bloomer and fine habit. 10c.

Brilliant, corolla scarlet; sepals white; winter bloomer. 10c.

Charles Blanc, flowers single, rosy, light pink tube and sepals; corolla rich amaranth; fine variety for out-doors. 15c.

Earl of Beaconsfield, very large; corolla orange and scarlet; one of the best. 10c.

Lord Byron, crimson sepals and large, open, bell-shaped corolla; color very dark—almost black—the darkest known; good bloomer and fine habit; scarce. 15c.



FUCHSIA—STORM KING.

Luster, dark scarlet corolla; bluish sepals; early bloomer. 10c.

Puritana, a very free-growing plant; corolla pure white. 10c.

Speciosa, fine bluish-rose tube and sepals; reddish-purple corolla; free winter bloomer; very easily grown. 10c.

Sunray, foliage variegated—white pink, and green; should be grown in the shade; plum-colored flowers. 10c.

Wave of Life, foliage light yellow; scarlet and blue flower. 10c.

FUNKIA. (Day Lily.)

This plant is a very superb autumn blooming plant, very desirable for planting on the side of lawns or at the edge of shrubbery. It will increase in size and beauty every year. The plant has bright, light green, broad leaves, prettily veined; flowers are of the purest white, trumpet-shaped. Perfectly hardy. 25c each.

GERANIUMS.

These are, without exception, the most desirable plants, for all purposes, in cultivation. Bedded out, they will bloom profusely during the entire summer; as pot plants, they also give an abundance of flowers, and are easily grown; as winter bloomers, they have few equals. The varieties of this class of plants are almost innumerable, including nearly all the colors, in various shades. Plants intended for winter blooming should not be allowed to bloom in summer. Those herein named are all choice kinds, selected from a very large collection.

NEW GERANIUMS.

Single Varieties.

Sam Sloan, a fine bedding variety; color deep velvety crimson; large truss; free flowering. 15c each.

Francis Arago, flowers finely formed and produced in the greatest abundance on strong foot-stalks; color silvery salmon, shaded peach. 20c.

Jules Ferry, splendid trusses on long, rigid foot-stalks, which are held well above the foliage. Splendid for massing. Color soft scarlet; stands the sun well. 20c.

Double Varieties.

Glorie de France, this is indeed a grand Geranium in every sense of the word. Flowers are very double; center very distinct dark salmon, with large border of rosy-white. This variety is on the style of that beautiful sort, Belle Nancienne, but much larger trusses and still more beautiful, and should be in every plant collection. 25c. (See cut on next page.)

Golden Dawn, a rich golden-orange shade, one step nearer the much coveted yellow Geranium that hybridizers are trying to produce. Good grower and bloomer. Flowers large. 15 cents.

S. A. Nutt, dark, rich crimson color, of perfect shape and large size. 15c.

Sergeant Bobillot, color beautiful vinous rose, with distinct white center. This variety pro-



FUCHSIA—PHENOMINAL.

duces fine, individual florets, and is in every way a desirable plant. 20c.

Mary Hill, deep, rich pink with large white eye. 15 cents.

Thomas McMurray, very rich, cerise red flowers, of largest size and perfect shape. 15c.

Gertrude, color, clear bright salmon, with center and outer edges touched with white; a fine, striking variety. 20c.

Re Umberto, brilliant orange red, with yellow shadings. A French variety highly spoken of. 15c.

GENERAL LIST.

Single Varieties.

Beatrice, flowers white, with distinct rosy centers; of very dwarf habit; fine for pot culture. 10c.

Gabrielle Hoste, opaque white margins, rich crimson center. 10c.

Ferdinand Kauffer, truss and florets large; color intense scarlet. 10c.

Madam Doublat, flowers snowy white, trusses large. 10c.

Perle Von Bonyhad, deep carmine pink; coloring very brilliant; habit dwarf; constant bloomer, far surpassing the well-known Master Christine. 15c.

Divine Commedia, very large spherical truss; color salmon, with large center of bright orange. 10c.



GERANIUM—GLORIE DE FRANCE.

Jealousy, flowers scarlet, with a decided orange tinge.

Midnight, leaves have a very deep zone, almost black; flowers light salmon. 10c.

Ralph, crimson-scarlet, shaded with purple; flowers quite large. 10c.

S. de Cuigneaux, free bloomer; deep red; trusses immensely large. 10c.

Stewart's La France, flowers very large, growing in immense clusters; color salmon-rose; beautiful foliage and a strong grower. 10c.

Double Varieties.

George Thorpe, color intense light crimson; habit branching, and foliage never burns in the sun; valuable bedder. 10c.

George Wideman, we consider this one of the best in our collection; flowers large and fine; color a deep apricot-salmon; good habit. 10c.

Harriet Thorpe, this is the handsomest light Geranium we have yet seen; delicate blush, shaded with pearl-pink; trusses large and well shaped; branches strongly, but grows in compact form. 15c.

Hoff Beach, rich amaranth-purple, of fine habit and strong constitution; flowers large; splendid bedder. 10c.

Marquis de L'Aigle, flowers large; rose, shaded blush; very showy. 10c.

M. A. Hunt, golden salmon, with capucine and bronze shade, producing quite a brilliant effect; very choice. 10c.

Mrs. Cope, rich carmine-red, of large size and immense truss. Good habit. 10c.

Progression, a decided orange tint. Trusses very large and of fine shape. 10c.

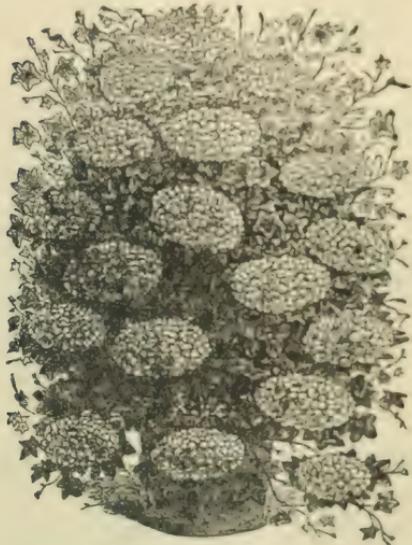
Satisfaction, a grand variety of most perfect habit; large carmine flowers shaded crimson. Distinct from any other variety. 10c.

Asa Gray, the old standard double, salmon-pink, variety. 10c.

B. K. Bliss, of all known varieties this one has the largest florets, and most vivid coloring; color, a rich tone of pure scarlet. 10c.

Candidissima Plena, flowers large and full;

- snowy white; does not tinge in the sun. 10c.
Grand Chancellor Faldeherbe, flowers deep red, tinged with scarlet. 10c.
Mary Gearing, a lovely shade of bright pink; a grand bedder. 10c.
Annie Atkins, flowers and trusses large; pearly white with tinge of pink. 10c.
Admiral Seymour, rich, dark amaranth—an improvement on Charles Darwin. 10c.
Electric, lightest shade of vermilion, tinged with light puce; flowers very large. 10c.



IVY GERANIUMS.

A splendid class of climbing, or trailing Geraniums, adapted for baskets, vases, rock work and trailing on trellises. They have fine, thick, glossy foliage, which of itself would be of sufficient beauty to warrant their cultivation, but they also have the charming attraction of possessing beautiful flowers as well as foliage. They bloom with the greatest freedom during the spring and summer; flowers varying from light to dark rose.

Jeanne d'Arc, flowers very large and double, of the purest white; fine habit; free flowering. 20 cents each.

La Rosiere, flowers very large, of perfect shape and double; color satin-rose; an excellent variety. 20c.

Holly Wreath, variegated foliage. 10c.

BRONZE AND FANCY-LEAF VARIETIES.

Beauty of Calderdale, golden bronze, deeply zoned. 10c.

Beauty of Cheswick, beautiful tricolor. 20c.

Black Hawk, bronze zone, yellow ground. 10c.

Cloth of Gold, rich, golden leaves. 10c.

Crystal Palace Gem, green center, yellow margin. 10c.

Distinction, foliage dark green, with narrow zone, almost black; edge fringed; very dwarf habit. 10c.

Fanny, truss and flowers large; peach tint; foliage beautiful bronze. 10c.

Happy Thought, yellow center and green margin; very distinct.



MADAME SALLEROL.

Ya lame Sallerol. This is a new silver-leafed, variegated Geranium of great beauty. Habit dwarf, seldom exceeding ten or twelve inches in height. Equally valuable for pot culture or bedding purposes. 10c.

Mountain of Snow, green leaf with white margin. 10c.

Mrs. Pollock, leaves green; bright bronze red zone, belted with crimson, edged with golden yellow; a most beautiful plant. 20c.



GERANIUM TRI-COLOR.

Prince of Silverwings, one of the finest fancy-leafed geraniums known; if possible more beautiful than Pollock. 20c.

Spitfire, dark green leaf, with yellow ring; an improvement on Magician. 10c.

SCENTED VARIETIES.

- Apple Scented**, 25 cents. **Balm**, 10c. **Birch**, 10c. **Dr. Livingstone**, 10c. **Lavender**, 15c. **Little Pet**, 10c. **Mrs. Taylor**, 10c. **Nutmeg**, 10c. **Oak-leaf**, 15c. **Pepper**, 10c. **Peppermint**, 15c. **Rose**, 10c. **Shrubland Pet**, 10c. **Variegated Rose**, 15c.

For cheap plants, see Collections.

PELARGONIUMS.

(LADY WASHINGTON GERANIUMS.)

The flowers of this class of plants are large, with deep blotches on the upper petals and bright spots on the lower petals. While in bloom, in May and June, they are beautiful.

Fred Dornor. This variety is ever-blooming, which makes it much more valuable than the varieties which bloom but once. Flowers are rather light colored and very beautiful. 35 cents each.

Common sorts, each, 20c; Six plants for \$1.00.

HELIOTROPES.

Well-known plants, grown for the beauty and exquisite fragrance of their blossoms. Very desirable plants for house culture; also a fine plant for bedding. Their rich perfume makes the flowers very popular for bouquet-making.

White Lady, foliage large and strong; flowers white. 10c.

Albert Delaux, a novelty of great beauty; foliage a bright golden yellow, very pronounced and marked slightly with a delicate green. Flowers deep lavender, contrasting admirably with the foliage. Each, 25 cents.

Queen of the Violets, flowers deep violet-purple, with large, almost pure white eye; very fragrant. 15c.

Bernice, deep lilac color. 10c.

HIBISCUS.

Large, flowering, tropical shrubs, with glossy foliage. Planted in the garden, in our Northern states, they are very fine during summer. In the Gulf states they are perfectly hardy, and can remain year after year. Their rich, glossy foliage, contrasted with their large, bright scarlet flowers, makes a grand and beautiful effect.

A good collection of the best varieties, both double and single. 15c each.

HOYA, OR WAX PLANT.

An excellent climbing plant for house culture. The leaves, which are never shed, are thick and fleshy; flowers are a beautiful flesh-color star-shaped and velvety.

Hoya Carnosa, plain green leaves. 20c.

HYDRANGEA.

A well-known and favorite pot-plant, with a globular mass of flowers. It blooms in the spring and summer and the blossoms last a long time. A very showy class of plants.

Pauciflora Grandiflora. This is a perfectly hardy variety, and one of the finest shrubs in cultivation. The flowers are pure white and borne in large pyramidal bunches. A very desirable plant for cemetery decoration. 25 cents each.

Other varieties, each 15c.

IVIES.

These popular plants are too well known to need particular description.

English, German or Parlor, Irish, 10 cents each.

Kenilworth, used for hanging baskets. 10c.

JASMINE.

A favorite house plant everywhere; the idol of the poets, and one of the sweetest flowers.

Cestrum, or Night-Blooming, good variety. 15c.

Several other varieties of the best kinds. 25c.

LANTANAS.

A popular and showy plant, either for pot

culture or for summer bedding purposes. As it is almost continually in bloom, it is very showy.

Several varieties, including white, pink, straw color, orange and variegated colors. 10c each.

LIBONA.

A winter-blooming plant very easily grown. Foliage beautiful; flower scarlet, tipped with yellow. It should be planted in the ground in May, grown same as Carnation, and lifted in the fall. Each, 10c.

LYCOPodium.

A plant with fine, light green leaves, suitable for ferneries. Grows well in shady places. Useful in making fine bouquets.

Small plants, 5c; large bunches, 10c.

LILIES.

The Lily has always been a favorite flower. Their perfect hardiness, ease of culture and a rare combination of grandeur and chaste beauty bespeak for them a place in every collection of plants. They thrive best in a dry soil, where water will not stand in winter. After planting they require very little care, and should not be disturbed for several years, as established plants bloom much more freely than if taken up annually. In this list we offer



AURATUM.

only such varieties as can be safely sent in the spring. For other varieties see our Fall Price List.

Auratum, (Gold Banded Japan Lily) flowers very large. 30c each.

Speciosum Rubrum, flowers rose spotted. 25c.
Tenuifolium, (Siberian Lily), perfectly hardy and blooms early; color a vermilion scarlet. 50 cents.

LEMON VERBENA.

A shrubby plant, with light green, fragrant leaves, and lilac tinted flowers. An old favorite. 10c each.

MADERIA VINE.

The best and quickest-growing summer climber. Just the thing for a trellis or window screen.

Tubers, 5c each; 50c per dozen.

MAHERNA ODORATA.

A fine-foliated pot-plant, of easy culture. Bell-shaped flowers, very fragrant. One of the best basket plants. 10c each.

OLEANDER.

A popular and old-fashioned plant, too well known to need description.

All of the best varieties, including white, red, pink and yellow. 25c each.

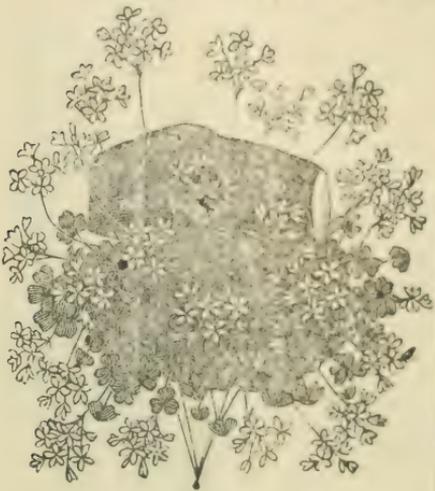
OTHONNA.

A grand plant for hanging-baskets. Some-

times called Head Plant. Does well in sandy soil, and requires but little water.

Othonna Crassifolia, a trailing plant, with thick fleshy, bead-like leaves. 10c each.

Ice Othonna, a variety with smaller leaves than above, with a substance adhering to the leaves resembling ice in appearance. 10c.



OXALIS.

A very popular and handsome winter-bloom-

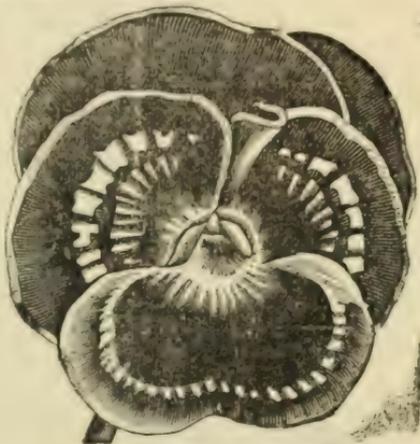
ing plant, suitable for baskets and pots on brackets.

White, red, yellow and variegated. 10c each.

SUMMER OXALIS.

This is one of the finest plants in existence for borders or edgings for beds, walks, etc. Plant bulbs in early spring, and take up and store in a dry place, secure from frost during winter. They increase very rapidly.

Per dozen, 5c; per hundred, 25c; per thousand, \$2.00.



PANSIES.

Nothing can exceed the beauty of a nicely arranged bed of Pansies. They are so hardy that they can be preserved over winter with a very light covering, even in our Northern states. Plants grown from the best German seed. 5c each; 50c per dozen.

PEPEROMIA.

A small ornamental-leaved plant of graceful habit. Much used for warden cases and ferneries. Grows well as a pot plant in shady locations. 15c each.

PERISTROPHE.

A handsome plant with green and yellow variegated leaves. 10c each.

PRIMULA.

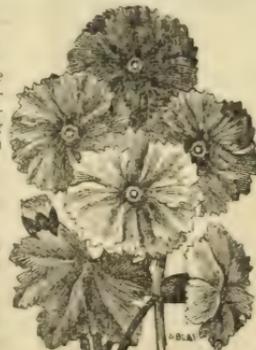
CHINESE PRIMROSE.

One of the most popular winter-blooming plants in cultivation.

Single Red, or White, 20c each.

Large Plants by express 25c each.

For cheap plants, see collect'ns.



PRIMULA.



FRINGED PETUNIA.

ABELIAN

ABELIAN

PILEA.

A pretty plant, with fern-like leaves, covered with small pinkish flowers. 10 cents each.

PETUNIAS. (Double.)

The Double Petunia is one of the finest bedding plants for massing, mixed borders or vases. The brilliancy and variety of its colors combined with the duration of its blooming period, render it invaluable for garden decoration. Several varieties, including white, all fringed. 15c each. (See cut on preceding page.)

EVERBLOOMING ROSES.

No flower is so universally popular as the rose. They are everywhere wanted, are always admired and are the most valuable of all flowers for bouquets and other floral work.

The ever-blooming class is always in bloom, and from a small bed beautiful flowers and buds may be gathered daily.

They do remarkably well as pot plants for winter blooming. When wanted for this purpose it is best to keep buds pinched during summer, and thus gain as much strength of plant as possible.

For bedding purposes plants should be obtained as early as possible, that they may be in vigorous growth when warm weather comes.

Our manner of packing is such that plants are guaranteed to reach any and all parts of the country in safety.

Our list is not very extensive, but it contains all the colors and the very best varieties known. The plants we send out are strong and healthy, and will give good satisfaction.

NEW ROSES.

Her Majesty, a remarkably strong growing variety; flowers very large; specimens fully six inches in diameter have been grown. Color a beautifully satiny pink. 75c each.

American Beauty, this is one of the finest Roses introduced. Very popular as a winter-bloomer, while for out-door culture it has few equals. Flowers are very large, very full and of a deep rose color. 35c each.

The Bride, this is without a doubt the finest White Tea Rose ever offered to the public. It is a sport from the well-known Rose, Catharine Mermet, and retains all of the fine characteristics of that variety, while it blooms much more freely. Flowers are firm and strong, therefore will last a long time after they are cut. This makes this Rose very popular for corsage bouquets and like purposes. 35c each.

Wm. Francis Bennett, this is a magnificent variety for pot culture or for forcing for winter flowers, but does not do well out of doors. Flowers very large, while buds are magnificent, being a rich, glowing crimson color. 30 cents each.

GENERAL LIST.

Bon Silene, noted for the great size and beauty of its buds; color deep rose. 10c each.

Catharine Mermet, one of the finest Roses grown; buds very large and globular; color a bright pink. 10c.

Chas. Rovilli, pure rose color; soft and pleasing; large and very free blooming. 10c.

Aline Sisley, rare shade of violet-red brightened with crimson. 10c.

Adre Swartz, a strong grower; flowers crimson-scarlet, sometimes streaked with white. 10c.

Dutchess de Brabant, unsurpassed for freedom of flowering; color salmon-rose. 10c.

Etoile de Lyon, color deep chrome yellow, deep-

ening at the center to pure golden-yellow; flowers large and fragrant.

Glorie de Dijon, cream, shaded flesh color. 15c.

Cornelia Cook, very large buds; pure white; a truly grand rose. 10c.

Isabel Sprunt, bright canary-yellow; large and beautiful buds; profuse bloomer. 10c.

Marie Van Houtte, white, slightly tinted yellow; petals edged with rose. 10c.

La France, delicate silvery-rose, shaded with cerise pink, often silvery-pink with pink shading; very large, very double, and of superb form. 15c.

Marie Guillott, white, tinged with a delicate shade of lemon; one of the finest Tea Roses. 10 cents.

Niphets, an elegant Tea Rose; very large and double; very fragrant; pure white. 10c.

Percle des Jardins, this is without exception the finest dwarf-growing yellow in cultivation. 10 cents.

Safrano, bright apricot-yellow, changing to orange and fawn; beautiful buds. 10c.

Sunset, flowers very large, full and fragrant; color a rich golden amber. 20c.

White Bon Silene, this is a sport from the old Bon Silene, and has the same vigorous growth, but flowers are pure white. 10c.

Marechal Niel, beautiful deep yellow; very large, full and globular; a good climber. 10c.

Fifteen Roses, our selection, for \$1.00.

HYBRID PERPETUALS.

Louis Van Houtte, rich crimson, heavily shaded with maroon. 15c.

Magna Charta, bright, clear pink, flushed with violet crimson. 15c.

Gen. Washington, scarlet-crimson; one of the best. 15c.

Gen. Jacqueminot, brilliant crimson; very large and globular. 15c.

The above four, 50 cents.

MOSS ROSES.

Perpetual White, pure white; blooms in clusters 25 cents.

Princess Adelaide, fine reddish-blush; large and vigorous. 25c.

Glory of Mosses, pale rose; very large, full and beautiful. 25c.

John Cranston, violet crimson; strong grower. 25 cents.

Countess of Murinais, large, pure white. 25c.

The above five for \$1.00.

SALVIA.

Fine pot plants for house cultivation, and magnificent bedders.

White, red, etc.; each, 10c.

SAXIFRAGA.

An old-fashioned basket-plant, often, though improperly, called Strawberry Geranium. 3c.

SMILAX.

A very popular climbing plant for pot culture in the house. The long, delicate, green strings are extensively used in bouquet making and for decorating purposes. 15c.

TRADESCANTIA.

A good basket-plant, commonly called Wandering Jew.

Four distinct varieties. 5c each.



MONTHLY ROSE—LA FRANCE.

TUBEROSES.

One of the finest plants grown, producing many beautiful, pure white, double flowers on long, upright stalks; delightfully fragrant. They may be planted and cultivated in pots or the open ground. If planted in open ground,

they should not be put out until the weather becomes settled. They begin to bloom in September, and continue until frost. For late fall flowers, keep the bulbs dry and cool until July; then pot and put in a cool, shady place; water very sparingly at first; shift and water as

growth seems to demand.

Best bulbs, 8c each
14 for \$1.00.

VERBENAS.

Perhaps the best bedding plants for flowers in cultivation. They bloom constantly through the summer, and represent almost innumerable colors.

MAMMOTH VARIETIES.

As compared with the common Verbenas the flowers of this set, originated by Peter Henderson are very large. Every bunch of flowers when well grown will measure fully nine inches in circumference, while single florets are as large as a twenty-five cent piece. This great improvement in size has greatly increased the popularity of the Verbenas. This Mammoth set comprises the following named varieties:

Century, brilliant scarlet; white center.

Crystal, pure white.

Edith, salmon shaded carmine.

Emily, violet-rose, with large white eye.

Fanny, violet rose, with large white eye.

Glow-worm, brilliant scarlet.

Jean, rosy-pink, white center.

Lapis Lazuli, blue, perfect form.

Miss Stout, carmine scarlet.

Maltese, lilac, shaded blue.

Mrs. Massey, salmon-pink, white center.

Marion Mauve, perfect form white.

Nelly Park, orange-scarlet; splendid.

Each of above, 10c; dozen 75c.

General collection of older common varieties, including all the colors.

5 cents each, 50 cents per dozen.

VIOLETS.

(SWEET-SCENTED.)

Marie Louise, very fine double flowers, purple with white centre, 10c.

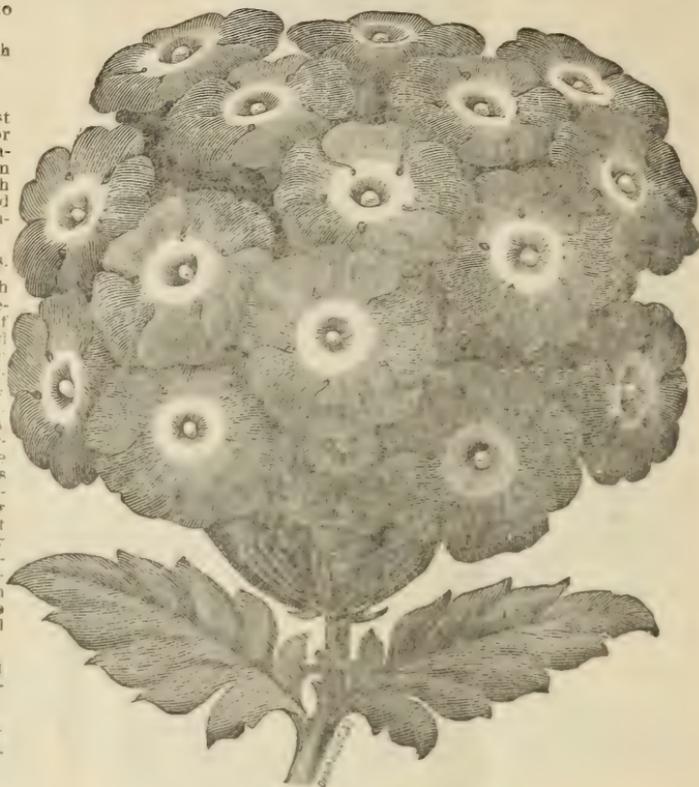
Swanley White, a sport from the above, and similar to the above in every way except in color, which is pure white. 10c.

For cheap plants see collections.

We have a good stock of the following named hardy plants:

PEONIES, in variety; 15 cents each.

YUCCA FILAMENTOSA, an erect and noble plant, with strong, long, narrow, sharp-



MAMMOTH VERBENA.

pointed leaves. It is perfectly hardy, and flowers in midsummer, bearing an abundance of bloom on a strong stem. Color creamy-white; small roots. 25c each.

Large, strong roots, 50c.

RHUBARB—Linnaeus, or Wine Plant, 25c each.

GLADIOLI.

(OMITTED FROM PROPER PLACE.)

These are the most brilliant and showy of all the summer-flowering bulbs, and they deserve more attention from flower lovers than is now bestowed on them. Their immense spikes of gorgeous bloom, all the shades from the deepest scarlet to white, including purple and yellow, with blotches and markings beautiful to behold.

They are unequalled for vase culture as the spikes may be cut when partially in bloom and will last for a week or more, the buds expanding into perfect blossoms.

They will grow in any good garden soil with ordinary care. The bulbs should be planted at intervals through April and May, to secure a succession of flowers. Take up in the fall and store in cellar or other cool place free from frost. The following are the very best varieties:

Angelia, white; showy and effective. 15c each.

Bernard de Jussieu, violet, shaded cherry and purple. 15c.



GLADIOLI.

- Brenchleyensis**, bright vermilion-scarlet. 10 cents each.
- Cameleon**, large staty-blue flowers, flamed orange, with white band through each petal. 30c each.
- Ceres**, pure white blotched with purple-lilac rose. 15c each.
- Diamant**, fleshy white, of remarkable frost-resistance; flamed ivory white, blotched and streaked carmine. 25 cents each.
- Eugene Scribe**, rose-colored, flamed carmine. Very large and beautiful. 15c.
- Isaac Buchanan**, very fine, clear yellow. 15 cents each.
- James Carter**, light orange-red; large, pure white blotch. 15c.
- John Bull**, white, tinged with sulphur. 10c.
- Lord Byron**, brilliant scarlet, blotched and shaded white. 15c.
- Le Vesure**, intense fiery-red; very rich. 35c.
- Phebus**, brilliant red, with large, pure white blotch. 20c.
- Shakespeare**, large white, very slightly suffused with carmine-rose; large, rosy blotch. 30c.
- Virginalis**, pure white, bordered and flamed carmine. 25c.
- Five mixed varieties, each, 5c; dozen, 40c.

- Humboldtii**, each 75
- Harrison**, each 75
- Tiger**, each 15

Vegetable Plants.

We are prepared to grow a large stock of the following named plants, at prices named.

BY MAIL, POSTAGE PAID.

- CABBAGE**, Early—Ready in April. 15 75
- Late—May, June and July. 10 25
- CELERY**—Ready in June and July. 10 50
- PEPPER**—Ready in May. 14 80
- SWEET POTATOES**—Ready in May. 10 50
- TOMATOES**—Ready in April and May. 15 80

BY EXPRESS, PURCHASERS TO PAY CHARGES.

- CABBAGE**, Early—Transplanted. 50 5.00
- Late. 25 1.50
- CELERY**..... 35 2.00
- SWEET POTATOES**..... 25 1.50
- TOMATOES**..... 35 3.00

All of the above named plants are of the best varieties, and will be strong and healthy. No charges for boxes or packing.

Miscellaneous.

GLASS BOUQUET TUBES.—Just the thing for those who wear flowers. Each, postage paid, 10 cents.

WINTER BOUQUETS.—These are made of beautifully colored grasses and everlasting, tastefully arranged. They make handsome winter ornaments, and will last a long time. Each, postage paid 25 cents; large bouquets made to order for 50 cents, 75 cents and \$1.00 each.

PAMPAS PLUMES.—These Plumets are the product of a kind of grass or rush grown in California for commercial purposes. The heads are long, feathery, and naturally of a creamy-white color. They are also dyed many colors. Beautiful for ornamenting rooms in winter. Natural Plumets, per pair, 60 cents; four for \$1.00. Colored Plumets, per pair, 75 cents; three for \$1.00.

PLANT FOOD.—Plants kept long in pots exhaust the strength of the soil, and therefore require some kind of nourishment to keep the plants healthy. This plant food is especially prepared for that purpose, and is put up in neat round packages, with full directions for use. Sent to any address, postage paid, for 25 cents; by express, purchaser to pay charges, 25 cents.

* BULBS. *

These are for fall planting, and are perfectly hardy. They should be ordered in September and October, as most of them are imported from Europe, and do not arrive until that time. Prices herein named are based on 1887 imports. If prices are reduced during present year, we shall be pleased to furnish them as low as any dealer can. All bulbs sent postpaid on receipt of price:

- HYACINTHS**—Roman..... \$1.00 .10
- Unnamed, all colors. 1.25 .11
- Named, all colors. 2.00 .25
- TULIPS**, Early Duc Van Thol. 1.00 .10
- Early mixed. 30 .05
- Late mixed. 60 .05
- ANEMONS**—Single..... 20 .05
- Double..... 25 .04
- SNOWDROPS**—Single..... 25 .03
- Double..... 50 .05
- CROCUSES**—Per hundred, \$1.00. 10
- LILY OF THE VALLEY**..... 30 .05
- LILIUM**—Auratum, each. 10
- Candidum, each..... 20
- Longiflorum, each..... 25
- Floribunda, each..... 50
- Lanceifolium Rubrum, each..... 30
- Double Tiger, each..... 20
- Lanceifolium Album, each..... 30



Hand Weeders.

If you have weeds to pull get a **HAND WEEDER**. Either of the tools named below will be of great assistance in taking weeds from plants that are too delicate to allow the use of the hoe.

Sent to any address, postage paid, on receipt of price.

- LANG'S WEEDER**..... 50 Cents.
- MABELINE'S WEEDER**..... 50 Cents.



Seed Department

OUR Seed stock for 1888 has been selected with great care, and is of the very best quality that the land affords. Everything is warranted to be strictly fresh and true to name. Realizing that money is somewhat scarce, we have endeavored to make our prices as low as it is possible for us to do. Our packets are of good size and generously filled. At prices named all seed will be sent postage paid, unless otherwise specified. Order early and avoid the rush of the planting season. *If you should get more than one copy of this Catalogue please hand the extra copy to your neighbor.*

PREMIUMS.

For \$1.00 choose pkts. to the amount of.....	\$1.25
“ 2.00 “ “ “ “ “ “	2.50
“ 3.00 “ “ “ “ “ “	3.85
“ 4.00 “ “ “ “ “ “	5.10
“ 5.00 “ “ “ “ “ “	6.50

Premiums on seeds must be chosen in seeds, and the full amount for which premium is claimed must be for seeds. An order for fifty cents' worth of plants and fifty cents' worth of seeds will not merit a premium, but we will be generous and give something with every order. We intend to give to customers 10,000 packets of seeds.

Send us the names of all of your friends that they may get a catalogue to order from, and thus secure their share of the extras.

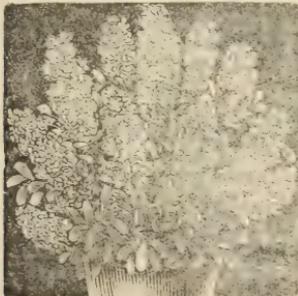
FLOWER SEEDS.

For the convenience of customers we have divided Flower seeds into the following classes: Annuals, Perennials, Climbers, Everlastings and Grasses. Our list is not as long as many others, but it contains all that are of real merit.

ANNUALS.

Strictly speaking, this class of plants should include such only as perfect their growth and die the same year; such as the Asters, Sunflowers, etc.; but for convenience, florists include all plants that can be made to bloom the first year, in the list.

Blooms all summer 4



ALYSSUM — Sweet. A free-flowering, pretty little plant for beds, edgings, or rock-work.



ASTERS. One of the most popular and effective of our garden favorites, producing, in profusion, flowers in which richness and varie-

ty of color are combined with the most perfect form. They delight in a rich soil and, in hot, dry weather, should be mulched with rotted manure, and well watered.

Trauffaut's Perfection, flowers very large and fine..... 10

Washington, largest flowered Aster known..... 10

New Chrysanthemum-flowered, a superb dwarf variety..... 10

German Quilled, flowers very fine; one of the best..... 10

Mixed varieties..... 5

AMARANTHUS. Showy blooming plant, with long racemes of curious looking flowers, and brilliant foliage. Mixed..... 5

ADONIS. Foliage fine and pretty; flowers brilliant..... 1

ABRONIA. A trailing plant producing a flower cluster somewhat like the Verbena. Very fragrant in the evening..... 5

AGERATUM. A Mexican plant with a flower of brush-like appearance. Very free bloomer. Mixed..... 3



BALSAM. An old and favorite garden flower, producing gorgeous masses of beautiful, brilliant-colored, double flowers in the greatest profusion; of easy culture; succeeds best in a good, rich soil.

Camelia-flowered, very double, of perfect form; beautiful colors, mixed..... 10

Extra Double Dwarf, flowers very fine and large..... 10

White Perfection, this is a beautiful, large, snow-white variety, with thoroughly double and immense solid round flowers..... 20

Mixed..... 5

BROWALLIA. A favorite free-blooming bedding plant, with rich, beautiful winged flowers. Will bloom well in winter if sown in August. Mixed..... 05

BELLIS, (Double Daisy). Everyone knows the Daisy. Sow early in a shady place. It is very easily transplanted, and may be moved even when in flower..... 10

Best German Mixed..... 10

CACALIA. A pretty annual, with tassel-like flowers; often called *Flora's Paint Brush*..... 3

CALLIOPSIS. Rapid grower; free bloomer; compact habit. A good bedding plant. Mixed colors..... 3

CAMPANULA. To this class belongs the well-known Canterbury Bells. Very free bloomers. Mixed.....

CANDYTUFF. A beautiful and useful plant of the easiest culture. Extensively used for bouquets. White..... 3
Crimson..... 3
Purple..... 3
Mixed..... 3



CLARKIA. An old favorite, growing in any good garden soil, and producing its cheerful flowers in early spring. Mixed..... 4

CANNA, (Indian Shot). Fine plants with highly ornamental leaves. Souk in moderately

warm water for twelve hours before planting. In autumn take up roots and store in cellar like Dahlias. Mixed..... 5

CATCHFLY. Fine annual; suitable for bouquets..... 3

CELOSIA. This is an interesting and brilliant annual of many varieties. There are two forms of the plant that are especially desirable, which we name:

Aurea, feathery golden plumes..... 5

Japan, Mixed varieties..... 4

CENTAUREA. A very free-blooming, hardy annual. Mixed..... 3

CHRYSANTHEMUM. This is a showy and effective garden favorite, extensively grown for cut-flowers. The annuals are summer-blooming border plants.

Indicum. The well-known half-hardy perennial..... 10

Choice mixed, summer-blooming..... 5

CONVOLVULUS MIXOR, (Dwarf Morning Glory). Rich colored, handsome, dwarf trailing plant..... 5



ANNUAL CHRYSANTHEMUM.

DATURA. A large, strong-growing annual, with trumpet-shaped flowers; the best kinds bearing blooms six inches in length..... 5

DELPHINIUM, (Larkspur). A beautiful class of plants. They prefer cool situations. Sow seed very early in spring. Mixed..... 5



DIANTHUS DIADEMATUS.

DIANTHUS. The varieties of Dianthus known as Chinese Pinks and Japan Pinks are among the most brilliant of our garden flowers. Sow seed early.

Dianthus Chinensis, extra double; all colors mixed	5
Diadem, Beautiful double; flowers from two to three inches in diameter. Mixed colors.....	10

Hedewigii, brilliant markings and dazzling colors. 10
Imperial, double, mixed varieties. 5
laciniatus, flowers very large; sometimes three inches in diameter; petals very deeply serrated. 10
 Mixed varieties. 5

ESCHSCHOLTZIA. (California Poppy.) Very attractive plant for edgings and masses, blooms from June until frost. Mixed. 5

FORGET-ME-NOT. Will bloom the first season if sown very early. Mixed varieties. 10

GERANIUM. This popular bedding plant is easily grown from seed, and many new varieties are obtained in this way. Seed germinates easily. Best mixed seed. 15

Apple Scented, this fragrant variety must be grown from seed to form fine plants. Sow in light soil and keep moist until seeds germinate. 20

GILLIA. A tree-blooming plant, from six to ten inches high; fine for massing and rock work. 3



GODETIA.

GODETIA. A profuse and constant bloomer; flowers a delicate rose, crimson and white, rendering them very attractive. Seeds may be sown in the open ground, but it is better to sow in boxes in the house or in a cold frame. For bedding, set plants about one foot apart. Mixed. 5

GYPSOPHYLLAS. Valuable for bouquet making either green or dried. All flower the first season, and some continue to bloom several years. Mixed. 3

HELIANTHUS. This is the well-known old Sunflower.

Globosus, the best variety; very large and double. 5

Mammoth Russian, single and very large. 5

Common Single, usually grown for the seed. 5

ICE PLANT. Delicate succulent almost transparent branches; a pretty little flower. Habit drooping; well adapted to basket or vase work. Mixed. 5

LOBELIA. Annuals, mostly of a trailing habit, bearing an abundance of small flowers suitable for baskets and edgings. 10

LUPINUS. A class of plants often called Sun-dials. Sow seed in open ground where they are to bloom as they do not bear transplanting. 5

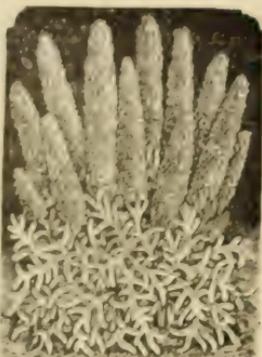
MARIGOLD. A well-known free-flowering plant of easy culture, with rich and beautiful double various colored flowers. Mixed. 5

MIRABILIS. The well-known Four-o'clock. Flowers open in the afternoon and wither the next morning. Mixed. 5

MUSK PLANT. An easily grown annual, much used as a basket plant. 10

MIGNONETTE.

A well-known fragrant favorite. If plants are thinned out they will grow stronger and produce larger spikes of flowers; fine for garden culture, and can be had during the whole year by sowing at intervals.



Sweet-Scented, the old variety with small spikes. 3

New White Spiral. An excellent sort, nearly pure white; very fragrant and tree-blooming. 10

NEW WHITE SPIRAL.

MIMOSA. (Sensitive Plant.) Curious and interesting plants, with pluish-white flowers; the leaves close and droop when touched or shaken. 5

NEMOPHILA. Nest and comate in habit; blooms freely all summer if planted in a cool, shady place. Mixed. 3

NIGELLA. (Love-in-a-Mist.) A compact, free-flowering plant, with fine foliage, blue and white flowers. Mixed. 8



PANSY. This plant is too well known to require any special description, as it is a favorite with all. Seed can be sown from September to March. If grown in beds, ribbons or massing they are very effective. To have very large flowers, plants must be made to bloom early in the spring and late in the fall, as they do not relish hot weather. They require fresh soil well enriched with decomposed manure. **Our Fancy Show**, this seed is from extra selected flowers of the most beautiful shades and of the largest size. 25

Odiei. (Five-Blotched.) A beautiful strain of various colored, large, handsome perfect formed flowers; dark spots on the petals like *Pelargoniums* 25

White, large flowers 10

Emperor William, Large handsome flowers; brilliant ultramarine blue, with a purple violet eye 10

Trimardeaux. An altogether distinct and beautiful new race with flowers larger than any heretofore produced. Each flower is marked with three large blotches or spots and the plants produce an endless variety of beautiful shades. Best seed mixed 50

Yellow, usually comes true 10

Faust or King of the Blacks. Almost black; the darkest known 10

Best Mixed. 5

PERILLA. Foliage of this plant is elegant, of a dark purple color; contrasts charmingly with silver-leaved plants 5

PETUNIA. For outdoor decoration or house culture few plants are equal to this class. They commence flowering early, and continue one mass of bloom the whole season.

Blotched and striped. Very fine; mixed 15

Double Hybridized. Will produce a large percentage of double flowers of the largest fringed varieties 25

Grandiflora. Very large attractive flowers of various attractive colors; mixed 20

Mixed common 5

Scarlet, flowers very showy 5

Mixed varieties, this includes both of above and many more 5

Grandiflora, mixed, this is an improvement on the old varieties; is stronger, more compact, and larger flowers, with white centers, admirably relieved by a dark violet eye. 10

Phlox Drummondii, double. plants grow more compact than the single flowered, while the trusses and the individual flowers are equal in size to the best single kinds. The doubleness of the flowers is formed by an addition of four to six petals in the middle of the tube of flower, which, according to the weather, is more or less dense; it also happens that double and single flowers are found in one truss. Valuable for bouquets 25

POPPY. A showy and easily cultivated flower with large and brilliant blossoms. Sow early where they are to remain as they will not bear transplanting; best mixed seed 5

PORTULACA. One of our most hardy annuals; of easy cultivation, thriving best in a light rich loam or sandy soil, in a sunny situation. The single flowering varieties are large and brilliant, of the richest shades of color and produced throughout the summer in the greatest profusion; fine for massing in beds, edgings or rock work. Single mixed 5

Double Mixed. Flowers perfectly double of the most brilliant scarlet, crimson, white, yellow, etc. Seed selected from the very best varieties 15

PRIMULA (Chinese Primrose.) A charming and profuse blooming plant of great beauty; indispensable for winter or spring decoration in the window or greenhouse. The seeds we offer are saved from the very best varieties; mixed 25

RICINUS, (Castor Oil Bean.) Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit producing a subtropical effect. Fine for lawns, massing, or for ribbon beds. Mixed 5

SALVIA. This plant is properly a perennial but may be made to bloom the first year by early sowing. Flowers are borne in long spikes in the greatest profusion; continues in bloom from July to October. Mixed 10

STOCKS. One of the most popular plants, either for bedding or for massing; for brilliancy and diversity of color or profusion of bloom it is unsurpassed.

Ten-week Stocks, mixed 10

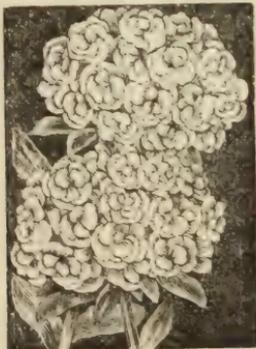
SALPIGLOSSIS. A neat and beautiful ornamental flower blooming in autumn. Flowers curiously marbled and pencilled; mixed 5

SCABIOSA, (Mourning Bride.) A fine border plant, producing flowers in the greatest profusion. Mixed 5

VERBENA.



PHLOX DRUMMONDII. An indispensable, constant-blooming favorite, which should occupy a prominent place in every garden; quite as desirable as the *Verbena* for their duration of bloom and display of brilliant dazzling colors. White, very desirable 5



PHLOX DRUMMONDII DOUBLE.

Verbenas are now largely grown from seed, and in this way many fine plants and a good average of color can be obtained.

We would call particular attention to our Mammoth *Verbena* seed as being the genuine. It is but a short time since the introduction of this strain of plants and so popular are they that the *Grandiflora* type offered by European growers has been largely substituted for



European growers has been largely substituted for

them. This is the first season that the genuine article has been offered for sale, and that offered here is the pure article.

- Mammoth Verbena, mixed, 25
- Verbena Scarlet Defiance, scarlet flowers . . . 40
- White, large flowers 40
- Best Mixed, 5

WHITLAVIA. A pretty plant, with delicate foliage and drooping clusters of blue and white bells. Mixed. 4

ZINNIA. Double Zinnias are quite an acquisition to our list of garden favorites. It rivals the Dahlia in beauty, form and brilliancy of flowers. Best mixed. 40

PERENNIALS.

In this class are included plants that do not flower until the second season. The Perennials proper continue to bloom for many years, the roots living through the winter in the ground, while another class, properly Biennials, bloom the second year and then die. In this list are many of our most noted and valued flowers.

AQUILEGIA. Columbine. Flowers of almost every conceivable color and singular and various forms. Mixed 5

CAMPANULA. Canterbury bells. Very popular; should find a place in every flower garden. Flowers bell-shaped; mixed 4

CARNATION. This is the most magnificent class of the Dianthus family. Flowers large, beautifully and delightfully fragrant. Seed may be sown in the open ground and the second summer they will bloom. The young plants are perfectly hardy, but when old are injured by winter. To keep up the stock seed should be sown every year.

Best English Mixed 10
 German Mixed. This is the very best strain, seed saved from choicest named flowers. 25

CYCLAMEN. Properly a greenhouse plant; but may be grown in boxes in the window or conservatory. Mixed seed. 25

DIGITALIS. (Foxglove.) Quite a stately plant; when well grown flower stems will be three feet in height; pretty spotted thimble-shaped flowers. Mixed seed. 5

DELPHINIUM FORMOSUM. This plant belongs to the Larkspur family, and has brilliant blue flowers with white eye. 10

HOLYHOCK. The old-fashioned flowers our grandmothers prized; much improved, many varieties producing double flowers; mixed. 40

HELIOTROPE. This is the well-known greenhouse plant which produces such fragrant flowers. 40

IPOBOESIS. (Standing Cypress.) A beautiful plant with long spikes of rich scarlet and orange flowers; foliage fine; prized for yard decoration. Mixed varieties. 5

LYCHNIS. This plant is often grown as an annual but properly belongs here. Flowers very bright and various. Mixed. 40

PINKS. An old garden plant; quite hardy. 40

PERENNIAL PEAS. Perfectly hardy; die down to the ground every winter and start again in the spring; grow 10 feet or more in height. 40

PYRETHRUM. (Feverfew.) A popular class of bedding plants.

Golden. Yellow foliage contrasting finely with dark-leaved plants 40

Double White. Prized for the abundance of its pure white flowers; fine for cemeteries. 40

SWEET WILLIAM.

An old flower with beautiful and varied colors. Trusses very large and perfect in form. Cultivation same as for China-Lions. Perfectly hardy; roots will live and send forth an abundance of flowers each season for many years. 5



WALL FLOWER. SWEET WILLIAM

By growing in open ground in summer and transplanting in pots in the fall, this plant can be made to bloom in the house, and thus give a profusion of early spring flowers. Mixed 5

CLIMBERS.

This class of plants may properly be called Nature's Drapery. For covering lattice work, a window, old stumps or trees, these plants are indispensable.

BALCON VINE. Rapid grower. 40

CANARY-BIRD FLOWER. So-called from its resemblance to a bird with wings expanded. 40

COBEA. Rapid growing plant, with large, bell-shaped flowers. 15

CONVOLVULUS MAJOR. The well-known Morning Glory. 3

CYPRESS VINE. Beautiful foliage, with various-colored flowers. Soak seed in warm water before sowing. Mixed. 5

GOURDS. This is a numerous family and exceedingly dissimilar in form and character, but all are more or less interesting.



Japanese Nest Egg Gourd. These exactly resemble in color, shape and size, the eggs of hens, do not crack, and are uninjured by cold or wet, they make the best nest eggs. As the plant is a rapid growing climber, it is very useful for covering screens, etc., being ornamental with the white eggs hanging. 10
 Mixed varieties. 5

MACRANDIA. Good for basket or trellis. 70

NASTURTIUM. Low growing; suitable for training on low fences. 5

SWEET PEAS. Beautiful fragrant flowering plant; fine for making a hedge or screen; must be sown very early.

Painted Lady, variegated rose and white..... 5
Scarlet Winged..... 5
Mixed varieties, oz., 10c;..... 5

SMILAX. Prized very much for decorating dresses; always in great demand in the market..... 20

EVERLASTINGS.

These are prized because they retain their beauty when dried, and thus may be preserved for winter ornaments.

ACROLINUM..... 4
AMOBIMUM. Pure white flower..... 3
GOMPHRENA mixed; many colors..... 5
HELICHRYSUM mixed. Large flowers of many

colors..... 5
RHODANTHE mixed. Gather flowers before they are fully expanded..... 10
XERANTHEMUM mixed. Very free blooming..... 10

GRASSES.

These are grown for making winter bouquets for which purpose they are dyed many colors.

Agrostis Nebulosa. The most elegant of ornamental grasses; fine and feathery..... 10
Briza Maxima. An elegant Shaking Grass, one of the best for bouquet making..... 5
Bromus Briziformis. A very fine grass with elegant hanging ears..... 5
Magnum Ovatus. Dwarf; showy heads; called Hare's Tail Grass..... 5
Stipa Pennata. (Feather Grass.) Magnificent for bouquet work..... 15

WILD GARDEN SEEDS.

Wild Garden Seeds are a mixture of all the flower seeds usually offered for sale. By purchasing a package of these, you get a very great variety of flowers for a small amount of money. Sow broadcast on a clean piece of ground. An ounce of seed will sow about forty square feet. Packet, 5 cents; Ounce, 25 cents; Half-ounce, 15 cents.

VEGETABLE SEEDS.

This list contains, we believe, the most desirable varieties in cultivation. While we have added a few new varieties, we have only done so when fully convinced that they have considerable merit. At the prices herein named, all seeds will be sent prepaid, unless otherwise stated. We guarantee the seed to be fresh and true to name, and to reach the purchaser in good condition, after which our responsibility ceases.

ASPARAGUS.

Conover's Colossal, the largest; tender and quality excellent; oz. 10c., pkt. 5c.



EARLY CREAM BEAN.

BEANS—DWARF OR BUSH.

Early Cream, although this Bean is as yet in the hands of very few seedsmen, it has been grown in this vicinity for many years. It has

proved so satisfactory that we have decided to offer it this season. It is perfectly free from vines; stocks are strong, and hold pods well up from the ground. It is very early, pods a good length, rich, waxy and perfectly stringless, therefore a perfect snap bean. When ripe, the color is a light brown. Excellent for table use in winter; pint 25c; ½ pint, 15c; pkt. 5c.

Early Valentine, early, tender, productive and of good flavor; pint 25c; pkt. 5c.

Early Refugee, tender, fine for pickling; pint 25c; pkt. 5c.

Early Six-Weeks, one of the earliest, very tender; pint 25c; pkt. 5c.

Mohawk, very hardy and productive; pt. 25c; packet, 5c.

White Kidney, one of the best of the dwarfs; pint 25c; pkt. 5c.

German Black Wax, waxy yellow pods, thick and tender; pint 25c; pkt. 5c.

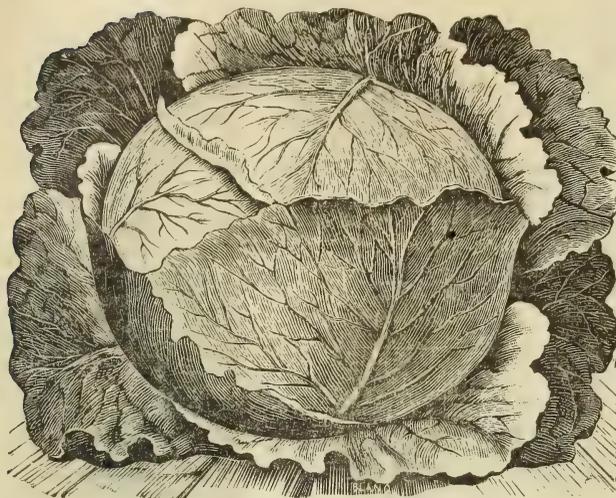
German White Wax, similar to the above except in color, which is pure white; pint 25c; pkt. 5c.

Golden Wax, the most tender and richest of all snap beans, and in flavor it is unsurpassed; pint 25c; pkt. 5c.

China Red Eye, an old standard variety; pint 25c; pkt. 5c.

BEANS—POLE.

Large White Lima, considered by many the most delicious bean grown; pint 35c; pkt. 5c.



IMPROVED FLAT DUTCH CABBAGE.

Dreer's Improved Lima, a marked improvement on the old variety. more productive and of better quality; pint 35c; pkt. 5.

Case Knife, one of the earliest and most prolific sorts, having long pods and white seeds; pint 30c; pkt. 5c

Horticultural, or Speckled Cranberry, an old standard variety; pint 30c; pkt. 5c.

BEETS.

New Eclipse, very early, globe shaped; flesh fine dark red color; oz. 8c; pkt. 5c.

Early Bassano, roots flat, turnip shaped, flesh white, circled with rose color; lb 60c; oz. sets; pkt. 5c.

Early Blood Turnip, the standard early sort, blood red, turnip-shaped with small top; lb 60c; oz. 8c; pkt. 5c.

Dark Red Egyptian, a new early, and superior variety. tender and delicious, turnip-shaped, and ten days earlier than any other variety. lb 75c; oz. 10c; pkt. 5c.

Long Dark Blood, a long smooth Beet of good size, no side shoots blood red, and keeps well; lb 60c; oz. 8c; pkt. 5c.

BEETS—MANGEL WURZEL.

Mammoth Long Red, the finest long red grown, very large. lb 50c; oz. 7c; pkt. 5c.

Yellow Globe, an excellent cropper, of beautiful shape, and suitable for all soils; lb 50 cents; oz. 7c; pkt. 3c.

CABBAGE.

Early Jersey Wakefield, very early and sure to head; our stock cannot be excelled. lb, \$3.00; oz. 25c; pkt. 5c.

Early York, small but very early; lb, \$1.25; oz. 15c; pkt. 5c.

Henderson's Early Summer, ten days later than Wakefield, but heads double the size. lb, \$3.00; oz. 25c; pkt. 5c.

Early Flat Dutch, this is a splendid second early variety; heads very large and solid. lb, \$2.00; oz. 25c; pkt. 5c.

Early Winnigstadt, second early; heads solid in the hottest summer. lb, \$2.00; oz. 20c; pkt. 5 cents.

Filderkraut, is equally good for early or late use, and heads up hard, with but few outside leaves. this cabbage is so solid, it is in a measure proof against worms. Oz. 20c; pkt. 5c.

Large Late Drumhead, a superior variety; heads well formed, and keeps over nicely. lb, \$2.00; oz. 20c; pkt. 5c.

Improved Flat Dutch, this is, without a doubt, the very best late cabbage. The heads are large, often weighing 30 pounds, and very solid. The seed we have was produced from selected heads, and is sure to produce a good crop. lb, \$2.25; oz. 15c; pkt. 5c.

CARROT.

Improved Long Orange, roots long, smooth, and deep orange color; good for table or field crop. lb, 75c; oz. 8c; pkt. 5c.

Scarlet Horn, very early; fine for table use; oz. 8c; pkt. 4.

Half Long Danvers, cylindrical shape, stump-rooted, bright orange-red. lb. \$1.00; oz. 8c; pkt. 4c.

Long White Belgian, roots white, green above ground; grows large; for stock; lb 60c; oz. 8c; pkt. 4c.

CAULIFLOWER.

Early Paris, early and tender; oz. 50c; pkt. 10c.

Early London, an excellent variety; heads large, very white and tender; oz. 75c; pkt. 10c.

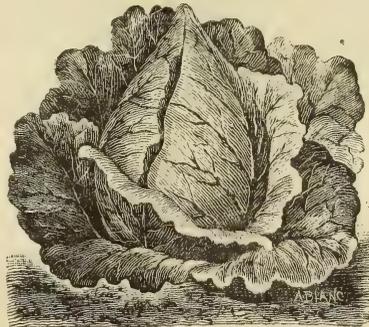
CORN—SWEET.

Early Minnesota, by far the earliest Sweet Corn we have ever grown, low growing and ears large for so small a variety; pt. 25c; pkt. 5c.

Moore's Early Concord, a second early variety, ears large and flavor fine; pint 25c; pkt. 5c.

Black Mexican, a rather short; black variety, very sweet and delicious; pint, 25c; pkt. 5c.

Stowell's Evergreen, a well known standard variety; pint 25c; pkt. 5c.



EARLY WINNIGSTADT.

CRESS.

Double Curled, very fine, may be cut two or three times; oz. 10c; pkt. 5c.

CUCUMBER.

Early Russian, the earliest variety; fruit produced in pairs, small, hardy and productive; oz. 10c; pkt. 5c.

**EARLY JERSEY WAKEFIELD CABBAGE.**

Early Frame or Short Green, an old and popular variety, medium size, straight and handsome; lb \$1.00, oz. 10c, pkt. 5c.

White Spine, good size; dark green in color; lb \$1.00, oz. 10c; pkt. 5c.

Long Green, a fine fruit of excellent quality; lb \$1.00, oz. 10c; pkt. 5c.

Gherkin or Burr, used only for pickling while young; oz. 15c; pkt. 5c.



close habit, solid, crisp and tender; oz. 15c; pkt. 5c.

CELERY.

White Plume, a new variety that does not require banking; half dwarf, branching habit, solid, crisp, and of fine flavor; pkt. 5c

Giant White Solid, this is most commonly grown, clear, white, crisp and solid; oz. 15c; pkt. 5c.

Henderson's D.F. White, a favorite market variety of

UPLAND CRESS.

This new vegetable is destined to become a valuable and important acquisition. It is a hardy perennial, thriving in all soils, wet or dry. In early spring it is the first to make its appearance, grows with surprising and unequalled rapidity so that in a few days it is ready for use. The young and tender leaves can be eaten raw, or as a salad. It is excellent prepared the same as lettuce, or, when the leaves become large and plentiful, boiled as greens. In taste it is very pleasant, having the

identical flavor of the Water Cress, highly prized and agreeable to all. It is of robust nature and unparalleled hardness. Fifteen degrees below frost will not change the color of its leaves nor damage it and therefore the foliage of the summer growth can be used in winter same as Kale. In packets only; price 10 cents each.

EGG PLANT.

Long Purple, long, early and productive; oz. 35c; pkt. 5c.

New York Improved, the leading variety, excellent and very productive; oz. 75c; pkt. 5c.

LETTUCE.

Oak-leaved, new, the leaves are of light green color, slightly crimped or curled. Has no bitterness of taste, is of fine flavor and extreme tenderness. It is the slowest of any in running to seed; pkts only, 5c.

Early Curled Silesia, fine flavor; a standard variety; oz. 8c; pkt. 4c.

Early Curled Stimpson, a fine early and leading market sort; oz. 10c; packet 4c.

Early Boston Market, true, fine for hot beds and for forcing; oz. 8c; pkt. 4c.

Early Hanson, heads very large, solid, tender, crisp; of fine flavor; stands the summer sun well; one of the best sorts (see cut); oz. 15c; pkt. 5c.

Green Fringed, a very ornamental and most beautiful variety. Of a delicate and peculiar shade of green with the inner part of the leaves white. The edges are beautifully cut and fringed, being entirely distinct; the leaves are not only tender and of good quality, but also highly recommended for the table; oz. 15c; pkt. 5c.

MELON—MUSK.

Surprise, the finest in cultivation; cream-colored skin, thickly netted, flesh deep, dark

**UPLAND CRESS.**

salmon color, very thick and of superior flavor. oz. 10c; pkt. 5c.

Green Nutmeg, well-known and excellent, one of the best; oz. 8c; pkt. 4c.

Green Citron, an excellent green fleshed sort; oz. 8c; pkt. 4c.

Improved Cantelopo, large, green flesh, early and spicy; oz. 8c; pkt. 4c.



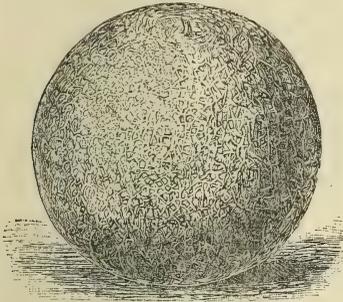
LETTUCE—GREEN FRINGED.

Bay View, a large, prolific and fine flavored Melon of great value. oz, 8c; pkt, 4c.

Montreal, new, fruit of the largest size, often weighing 20 pounds. Almost round, flattened at both ends, and deeply ribbed, green skinned and netted, flesh very thick and of the finest flavor. Pkt, 5c.

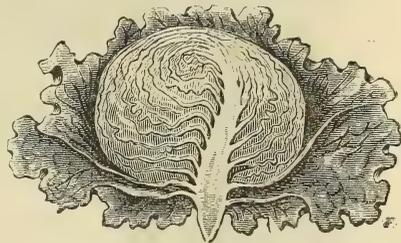


LETTUCE—OAK-LEAF.



MELON—NEW ORANGE CREAM MUSK.

This is a most excellent melon and is offered with perfect confidence that it will come true. The melons are globe shaped, thickly netted and weigh from 3 to 5 pounds each; the meat is of exquisite flavor and very thick even down to the skin. The musky aroma is such that a single specimen will perfume a large room. The color of the meat is either deep salmon or green. When no mention is made the salmon will be sent. In packets only, 10 cents each.



LETTUCE—EARLY HANSEN.

MELON—WATER.

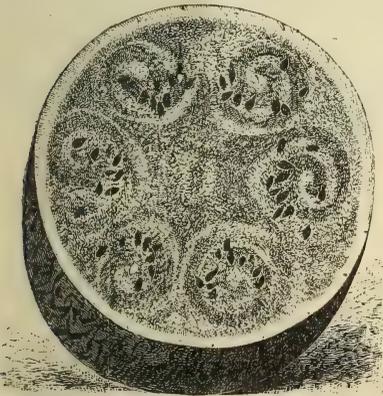
A new variety of the highest excellence, grown from seed received direct from Central Asia. By trials of the past two years it proved to be so superior and of such sterling merit as to safely warrant the prediction that it will become a most popular variety hereafter. The principal characteristics of this melon are in fact of its being hardier, and two or three weeks earlier than any other heretofore cultivated. They are devoid of that useless and objectionable core; so common in nearly all American varieties.

Are finer grained and of a delicious sweetness not attained by any other. In shape they are round oval, rind hard, growing to a size from 8 to 16 pounds; seeds are very small, similar to those of apples, which do not discommode. Melon cut crossways present most beautiful, peculiar and highly ornamental markings, similar to a six-pointed star of a bright red color, while the roundings between the points are orange colored. Hundreds of competent judges have sampled them, and all agree that these are the finest melons ever eaten. In packets only, 10 cents each.

Excelsior, or Cuban Queen, this is certainly the largest and finest variety ever introduced. Skin is beautifully marked with dark and light green; vines are strong, healthy and vigorous; flesh bright red, very solid crisp and sugary. Lb, \$1.00; oz, 10c; pkt, 5c.

Mountain Sweet, one of the very best for general culture; color dark green; flesh scarlet, solid and very sweet; lb, 75c; oz, 10c; pkt, 4c.

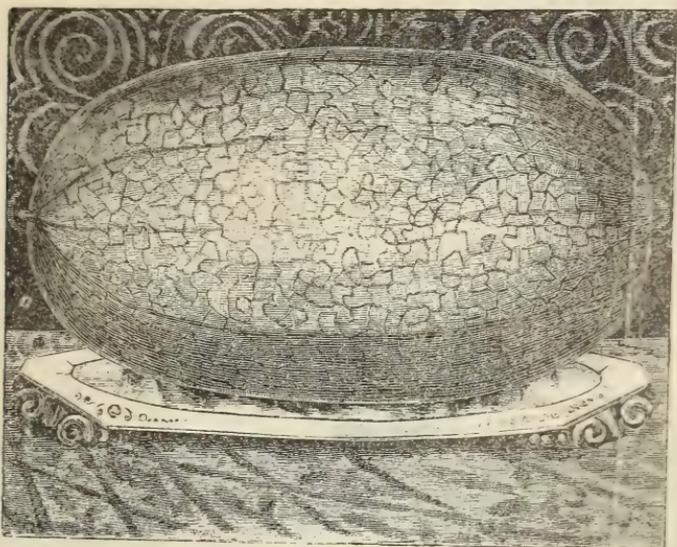
Ice Cream, medium size; nearly round; color pale green; flesh solid, scarlet and deliciously sweet; lb, 75c; oz, 10c; pkt, 4c.



WATER MELON—TRIUMPH OF ASIA.

Southern Rattlesnake, good shipping variety; light green color; deep flesh, which is scarlet, solid and deliciously sweet; lb. \$1.25; oz. 15c; pkt. 5c.

Our Southern customers should remember that Northern grown seeds always produce the earliest vegetables. Those we do not raise ourselves are grown in northern Minnesota and Wisconsin.



NEW WATERMELON—MAMMOTH GRAY MONARCH.

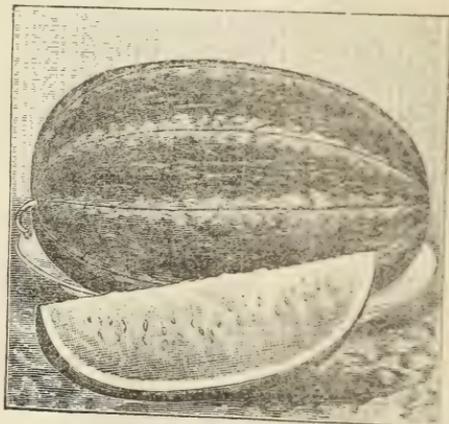
Mammoth Gray Monarch. This new variety, originated in the South, and is without doubt, the largest of all; frequently attaining a weight of 90 pounds and over. The outside skin is a mottled gray color; shape long, as shown in our illustration. Flesh bright crimson, and of a sweet, delicious flavor. It is also a fine shipper carrying well long distances. What few were marketed last season brought very high prices. It will prove a valuable acquisition. Packets only, 5 cents each.

Scaly Bark, this new Melon comes from the South, and was first exhibited at Atlanta Exhibition, in 1881. The Melons are oblong in shape, and frequently weigh 40 to 50 pounds each. The skin is smooth, dark green color with stripes, and when fully ripe presents an appearance somewhat resembling fish scales; this, together with the toughness of the rind, gives the variety its name, Scaly Bark. It is an excellent shipper as has been demonstrated by the immense weight or pressure required before the rind will show any signs of breaking. The flesh is of light crimson very sweet and of excellent quality; oz. 15c; pkt. 5c.

Kob's Gem, a hybrid of the Scaly Bark and Rattlesnake, and an excellent shipping variety. It has a very tough rind, and carries in good condition without breakage. They grow uniformly round, of nearly equal diameter each way. The stripes of light green are generally narrow and of a dull color. The flesh is a bright red and of good flavor. The melons grow to a good market size, from thirty to fifty pounds each in weight; oz. 10c; pkt. 5c.

MUSTARD.

White English, best for salad or culinary purposes; lb. 50c; oz. 10c; pkt. 5c.



WATERMELON—SCALY BARK.

ONION.

The indications now are that the prices of Onion seed will advance, and these prices will only hold good while our present stock lasts.

Extra Early Red, rather small and more flat-shaped than Large Red; close grained, heavy. Fit to gather last of July; keeps well; lb. \$2.25; oz. 20c; pkt. 5c.

Wethersfield—Large Red, large size; deep red, thick, nearly round, fine grained, pleasant flavored and very productive. Ripens in September and keeps well; lb. \$2.00; oz. 20c; pkt. 5c.

Yellow Danvers, a thick, heavy, straw-colored Onion, mild flavored and yields most abundantly. Ripens early and keeps equal to the best; lb \$2.00; oz. 20c; pkt. 5c.

White Portugal, a mild pleasant onion which grows to a fair size and handsome shape; lb \$2.50; oz. 20c; pkt. 5c.

Giant Rocca, a beautiful onion, globe shape and of the largest size; flavor fine and mild; lb \$2.25; oz. 20c; pkt. 5c.

PARSNIP.

The Student, a variety of delicious flavor; lb. 60c; oz. 7c; pkt. 3c.

Hollow Crown, roots very long, white, smooth, and free from side shoots; tender and sugary; lb. 60c; oz. 7c; pkt. 3c.

PARSLEY.

Extra Moss Curled, leaves beautifully curled; fine for garnishing; oz. 10c; pkt. 5c.

Plain Parsley, leaves dark green, plain, longer than the curled and better flavored, oz. 7c, pkt. 3c.

PEAS.

Bliss' American Wonder, the earliest wrinkled peas in cultivation, and a superior cropper, bearing larger pods than the other early sorts, and having six to nine large peas in a pod, vines grow from ten to twelve inches high; pt. 25c; pkt. 5c.

Carter's First Crop, an English variety, very early, productive and of good flavor; pint 25c; pkt. 5c.

Dan O'Rourke, one of the earliest; popular; grows three feet high; pint 25c, pkt. 5c.

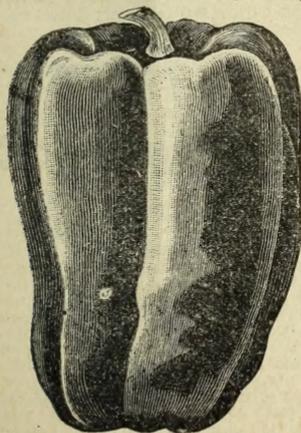
Tom Thumb, very dwarf, not more than nine inches high; very early; pint 25c, pkt. 5c.

McLean's Little Gem, a dwarf, prolific, green, wrinkled marrow of fine flavor, one foot high; pint 25c, pkt. 5c.

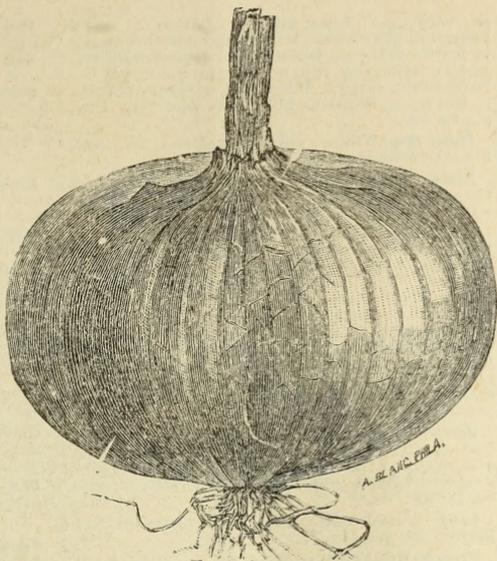
Champion of England, universally admitted to be one of the best grown, of delicious flavor and a profuse bearer; pint 25c, pkt. 5c.

Dwarf Sugar, edible pods; five feet high, can be used in a green state like beans; pint 25c; pkt. 5c.

White Marrow, best Fall Pea, large broad pods well filled, of excellent quality; pt. 25c; pkt. 5c.



PEPPER—RUBY KING



ONION—YELLOW DANVERS.

PEPPER.

Ruby King, a handsome and very productive variety; fruit 4 to 6 inches long by 3 to 4 inches broad. When ripe they are bright ruby-red, remarkably mild and pleasant; pkt. 5c.

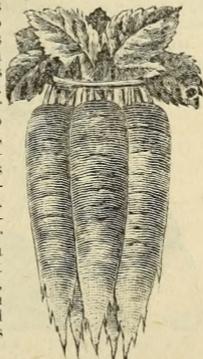
Golden Dawn, this is the sweetest, handsomest and most productive Mango Pepper in the world; color a bright golden yellow, shape and size most desirable, but its crowning point of excellence is in its quality which distinguishes it from all others by being entirely exempt from fiery flavor; pkt. 5c.

Mountain Sweet or Mammoth, very large, fleshy and tender, much used for pickling; oz. 30c; pkt. 4c.

Cayenne, long, slender, pungent; oz. 30 cents, pkt. 5c.

RADISH.

Improved Chartier, this Radish possessing so many fine qualities, is destined to become a great favorite when its merits are once known. It is an early summer variety; in color a deep pink or crimson above, and gradually blends into a waxy-white to its roots, making it very attractive in appearance. In quality it is unsurpassed, being very tender and remaining so for a longer period than most other summer Radishes, after attaining its growth. It is especially adapted for market gardeners. Pkt. 5c; oz. 10c.



Long White Vienna, from **CHARTIER**, Vienna, Austria, where it is the favorite market variety, being the tenderest of all Radish-

es; very mild, juicy and fine flavored. Aged people in particular, will appreciate this variety for its extreme tenderness, almost melting, hardly requiring the use of the teeth, yet fat from being pithy. They are in shape similar to the Long Scarlet, but white in color. Pkt. 5c; oz. 10c.

China Rose Winter, conical and smooth; flesh firm and pungent; oz. 20c; pkt. 5c.

Black Spanish Winter, large size and firm texture; must be stored in sand in the cellar for winter use; oz. 20c; pkt. 5c.

White Giant Stuttgart Summer, a new and distinct variety; white in color, heart-shaped, fine flavored, mild, brittle and not inclined to run to seed. This delicacy of flavor is retained through all stages of growth; average specimens when matured will measure four inches in diameter. It is the most valuable variety introduced during the last twenty years. This Radish can be used in six weeks after the seed is sown, and wherever grown has proved a standard sort; the last pulled are as good as the first; pkt. 5c.

Early Scarlet Turnip White Tipped, a very early and beautiful new variety, of the same size and shape as the Scarlet Winter, but of a deeper color, with white tail; of excellent flavor; oz. 7c; pkt. 4c.

Long Scarlet Short Top, a favorite market Radish; oz. 7c; pkt. 4c.

French Breakfast, a quick growing variety; one of the best; oz. 7c; pkt. 4c.

Early Scarlet Turnip, small, round, red, turnip shaped, small top, quick growth, mild and crisp; oz. 7c; pkt. 5c.

Yellow Summer Turnip, very good to stand the heat and drought of summer; oz. 7c; pkt. 5c.

RHUBARB.

Linnæus, a large variety; the best for general use; pkt. 5c.

SALSIFY or VEGETABLE OYSTER.

Lb \$2.00, oz. 15c; pkt. 5c.

SPINACH.

Round Leaf, for spring sowing; lb 40c; oz. 7c; pkt. 3c.

SQUASH.

Perfect Gem, small, flattened, slightly ribbed, of creamy white color, flesh fine grained, dry, sweet, of fine flavor, very productive. Good for summer use, but better as a winter Squash; oz. 15c; pkt. 5c.

Hubbard, an excellent Squash, almost as good as a sweet potato; lb \$1.00, oz. 10c; pkt. 4c.

Essex Hybrid, a good keeper, flesh fine grained and of good quality, oz. 20c; pkt. 5c.

Summer Crookneck, the richest Summer Sq'h; oz. 8c; pkt. 4c.

Early Bush Scallop, a good, early Summer Squash, taking but little room, and bearing abundantly; plant in hills three feet apart; lb \$1.00, oz. 8c; pkt. 4c.

TOMATO.

Livingston's Favorite, a new variety; it is a very large and perfect shaped Tomato, darker than the Perfection and smoother than the Paragon, ripens evenly, very prolific, good flavor, flesh solid; oz. 20c; pkt. 5c.

Perfection, an early variety of great merit, blood red, very smooth and bears abundantly; oz. 20c; pkt. 5c.

Acme, one of the earliest varieties in cultivation, handsome, medium size; fruit dark red, few seeds, free from core, and of fine flavor; oz. 20c; pkt. 5c.

Trophy, fruit very large and generally smooth solid, best for canning; oz. 20c; pkt. 3c.

Golden Trophy, similar to the above except in color, which is a beautiful light yellow, fine for preserves; oz. 20c; pkt. 5c.

Red Plum, Yellow Pear and Red Currant, all small varieties for preserves, each, per pkt. 5c.

TOBACCO.

Connecticut Seed Leaf, seed saved from selected plants; oz. 75c; pkt. 5c.

TURNIP.

Early White Flat Dutch, size medium, grows quick; lb 60c; oz. 7c; pkt. 4c.

Purple Top Strap Leaf, one of the best either for market or family use; lb 60c; oz. 7c; pkt. 4c.

White Globe, large, fine for field culture, lb 60c; oz. 7c; pkt. 4c.

Extra Early Milan, new white variety, purple top and strap leaf. It is full as early as the Purple Top Munich, and far superior to that variety. Remains in good condition a long time; lb 80c; oz. 10c; pkt. 5c.

Green-Top Yellow Aberdeen, excellent; lb 65c; oz. 10c; pkt. 5c.

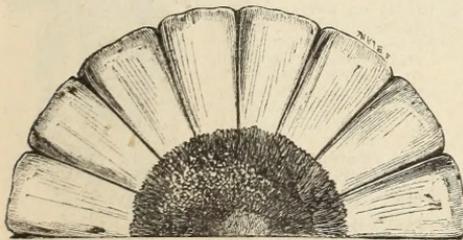
RUTA-BAGA, or SWEDEN TURNIPS

Skirving's Liverpool, good quality, and of medium size, very solid and sweet, supposed to be the best for a shallow soil; lb 60c, oz. 10 cts., pkt. 5 cents.

HERBS.

Anise, Caraway, Coriander, Dill, Sage, Summer Savory; oz. 15c; pkt. 5c.

Thyme, oz. 50c; pkt. 5c.



Champion White Pearl Corn.

It is a pure white corn; extra early, maturing in 85 to 100 days, according to the season, manner of cultivation, fertility of soil, and the climate. It is a pure dent corn, showing the same type and characteristics in almost every ear. It is exceedingly heavy and compact upon the cob; is uniform in cross and self-fertilization and maturity, giving an even grade of corn. It is very prolific, and yields according to manner and thoroughness of cultivation, the grain is extra long and wide; two of which medium-sized corn, it can be planted much thicker than a larger corn, and at the same time bear a full-sized ear. It contains no barren habits, and but little smut. These have been bred out by constant selection of stalk. Price, one bushel, \$1.75; five bushels or more, \$1.50 per bushel, by freight or express at your expense. Sample section of ear sent by mail for 10 cents.

—SUBSCRIBE FOR—

THE PLANTER'S GUIDE

— 50 CENTS PER YEAR WITH PREMIUM. —



THIS paper gives plain and simple instructions in plant culture and gardening, clothed in language that the most inexperienced cannot fail to understand. Each number contains information worth many times its cost to any one who grows plants or plants a garden. In addition, any one of the premiums offered with the paper are worth the price asked for both. When you send in your order be sure to include your subscription to the PLANTER'S GUIDE. Read the Premium List below.

Any one sending us 50 cents for a year's subscription to the PLANTER'S GUIDE will have choice of any of the premiums named in this list:

NO. 1. One packet each of the following named Flower Seeds: Ageratum, Alyssum, Balsam, Calceola, Calliopsis, Candytuft, Celosia, Convolvulus, Lychnis, Perilla, Portulaca, Mignonette, Nigella

NO. 2. One packet each of the following named Flower Seeds: Aster, Antirrhinum, Cannana, Cypress Vine, Pansy, Phlox, Sweet Pea, Verbena, Pink, Petunia. This is a valuable list.

NO. 3. Sixteen packets of Flower Seeds, our choice.

NO. 4. One packet each of the following named Vegetable Seeds: Beet, Cabbage, Carrot, Cucumber, Radish, Onion, Squash, Tomato, Celery, Lettuce, Turnip, Pumpkin.

NO. 5. Fourteen packets of Vegetable Seeds, our choice, but all different.

NO. 6. One ounce of Seeds for the Wild Garden.

NO. 7. Forty cents' worth of Seeds, *in packets*, subscriber's selection.

NO. 8. Eight Coleus Plants, assorted.

NO. 9. Five Geranium Plants, assorted.

NO. 10. Six Fuchsias, assorted.

NO. 11. Five Begonias, assorted.

NO. 12. Five Verbenas, assorted.

NO. 13. Six Pansies, assorted.

NO. 14. Six Plants, all different.

Send subscriptions in any time. Plant premiums will not be sent until March or April, unless otherwise ordered.

Six subscriptions and six premiums, in one order, for \$2.50. These may be sent to as many different post offices as the sender may wish; the only requirement being to send the money in one remittance. Address,

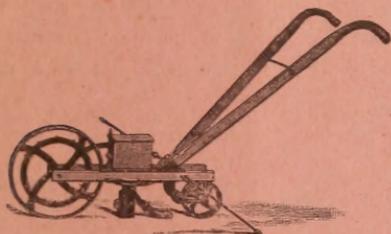
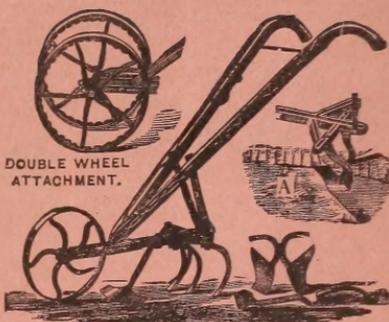
A. E. SPALDING,

AINSWORTH, WASHINGTON COUNTY, IOWA.

The Gem Cultivator.

This is one of the best Cultivators made. It works perfectly among all kinds of garden plants and in all kinds of soil. The many attachments furnished with the tool fit it for a great variety of work. The new double wheel attachment shown at the point A in the cut adds much to the value of the machine. It will pay to use the Gem in any garden.

Single Wheel Cultivator, Complete, \$4.75.
 With Double Wheel Attachment, 6.75.



Planet Junior Cultivator, Drill, WHEEL-HOE, PLOW, ETC.

The Planet Jr. goods have acquired a world wide fame on account of excellent construction and the wide range of work which they perform to perfection. The accompanying cut shows the various forms of the combined machine, which is a whole outfit of tools in itself. We have used these tools for many years and find them satisfactory in every particular. This tool will pay for itself in any garden in one year.

Price, \$10.00.

A. H. MATTHEWS' SEED DRILL.

This machine is the invention of A. H. Matthews who, since the year 1868, has become so widely known for the excellence of his garden tools. By many this is regarded as the most perfect drill made. It certainly does its work well and should have a place with every gardener.

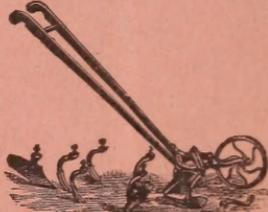
Price, \$9.00.



Hoeing Both Sides.



As a Plow.



The "Planet Jr." Single Wheel Hoe, Cultivator and Plow.



Hoeing To.



As a Cultivator.

We can also furnish the other Planet Jr. Goods as follows:

Double Wheel Hoe and Cultivator,	
Fire-Fly Hand Plow,	\$7.00
Single Wheel Hoe,	2.50
Fire-Fly Single Wheel Hoe,	5.50
Horse-Hoe Cultivator with Wheel, Steel Standards,	4.25
	10.00

Write for our Complete Illustrated Catalogue of Planet Jr. Goods.

Address

A. E. SPALDING,
 Ainsworth, Washington County Iowa.