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## CATAIOGUE



AND OTHER

## FLOWERING ROOTS,

ALSO

## SEEDS AND PLANTS

For Autumn Planting and House Decoration in Winter.


IMPORTERS AND GROWERS OF

SEEDS,
FOR THE AUTUMN OF 1880.

\& c.,
DETLHOMT, Mich.

# TO OUR PATRONS. 

F.LOWERS produced from bulbs are among the most beautiful of the floral kingdom. Nothing can exceed the brilliancy and variety of colors displayed, and nothing can be more simple than their culture. The bulb contains within itself the future flower, and it requires very little aid to develop it. Its long period of rest leaves the ground free for other plants for half the year at least. Many of them produce their flowers very early in Spring, at a season when few other plants are in bloom, and when flowers are doubly valuable from their rarity. Some of them are natives of our own land, while others are brought to perfection only in warmer climes, but there is hardly any bulb that will not blossom, either out of doors or in the parlor or green-house, and many are peculiarly suited for window gardening. They are usually less affected by the furnace heat and gas, in houses, than are plants, and they will bear more bad treatment. By a selection of bulbs flowering at different periods of the season, the house and yard may be made exceedingly attractive from mid. Winter till Autumn, and at much less expense and with less care than with any other class of plants. After flowering, the majority of bulbs can be laid away and used again the following season; and they are continually adding to their number by producing their off-shoots, which in the course of two or three years are usually large enough to flower. Thus, by a small original outlay, and a little care in preserving the old and the young bulbs, in a short time one can have an abundance of these choice gems of nature. A judicious selection forms a garden of unrivaled richness, varying every month by a succession of new flowers, every fresh one appearing more splendid than the last. In some of the older countries, the culture of bulbs is carried on to vast proportions; in our own country, it is comparatively in its infancy, but is growing rapidly, and the absence of flowers, in families who are able to have them, is now very often attributed to a lack of education or refinement. A few crocks of Tulips, Hyacinths, \&c. in full bloom in one's parlor in mid-Winter, render it more cheerful and attractive than if fifty times the cost of the bulbs were expended in artificial ornamentation.

As heretofore, we have purchased only the very best Bulbs of all sorts, imported them ourselves direct from the growers, thus avoiding any risk of being imposed upon by dealers in second or third rate roots, (frequently the refuse stocks which are sold at auction at very low rates, but which always prove to be dearer in the end), and after securing the best grown in the world, have offered them at a moderate advance, so that the poor may successfully compete with the rich in beautifying their dwellings, and bringing gladness and sunshine into the home circle.

We recommend our patrons to always buy named Bulbs of all varieties, as far as possible. It is true, they cost a little more, but they should bear in mind that these are the best, being selected for their beauty of flower, and strength and size of bulb, always producing just what they represent, and should invariably be selected for pot and glass culture.

Forward your orders as early in the season as practicable, before our stock becomes broken. We.are ready to receive orders now or at any future time, and expect to be able to execute them in September next, except for Lilies and a few other sorts, which will not be ready for shipment till October. All commands will be filled in the order in which they are received.

There are large quantities of worthless or nearly worthless bulbs offered for sale by irresponsible parties, or dealers who have had but little experience in this branch of the Seed Trade. We would therefore caution all. purchasers to be careful of whom they procure their stock, and examine closely all Bulbs they receive.

It sometimes occurs that our stock of some named varieties of Hyacinths and other Bulbs becomes exhausted before the close of the season, in which case we shall take the liberty of substituting others of same color and price, being equally as good, if not superior, to the ones ordered. Should any of our customers object to this course, they will please so state in their order.

In ordering Bulbs, be sure to give your name, Post Office, County and State, and write every letter so plainly that there can be no mistaking it. We sometimes receive letters with orders and money enclosed, and the writer neglecting to sign his name, or to give his address, we are unable to fill his order or return the money; and no doubt the party is very much annoyed at the result, as we certainly are. Also, in making out the order, give one line to each variety, and not run them all together through the letter, and you will greatly facılitate our dispatching orders.

## エヨモスエS．

Our Terms are strictly Cash with the Order．As we are compelled to＂advance the money for this class of goods，and as our profits on them are very small，we must request our friends to ask no indulgence from us in the way of time，but enclose draft with the order．

Remittances may be made by P．O．Order，Draft on New York，or by Registered Letter，the two former being safest．

Any person may make a selection of Bulbs at Catalogue Prices，and we will send them by Mail，post pald， or by Express，charges PRE－PAID，whichever way is the cheapest for us．This rule applies however only to those who remit at Catalogue Rates，and only to Bulbs and Seeds by the pound and under．Grass Seeds and Clover，Wire Work，Hyacinth Glasses and the larger Plants，must be sent by Freight or Express，at the ex－ pense of the purchaser．Where any discount is allowed，the party ordering pays the Express charges．We must decline to fill orders C．O．D．，as the cost of collecting return charges is quite an unnecessary item of ex－ pense，and the prices being given in our Catalogue，we can conceive of no necessity to warrant grods being so sent．

TO CLUBS．－We make the following discounts on Bulbs from Catalogue Prices，to parties who may desire to form a club－the purchaser in all cases paying Express charges ：


HYACINTH GLASSES，－10 per cent．Discount on all purchases of five dozen or over；under five dozen， at regular Catalogue Prices．

Our customers will please bear in mind that we do not pre－pay the charges on our Hyacinth Glasses，nor guarantee their safe arrival；we will pack them carefully in boxes，charging nothing for packages，and deliver to the Express Company，when our responsibility ceases．We cannot send Glasses by Mail．

## HYACINTHS．

At the head of our list we place the Hyacinth，the most universally admired of all bulbous roots，not only for its perfect and chaste flower，but for its delicate and fragrant perfume．

Out Door Culture．－The culture is verv simple，and if a little care be


DOUBLE． taken in making the beds and setting the bulbs，a failure is almost impossi－ ble．The ground should consist of sandy loam and thoroughly decom－ posed cow or horse manure，to which may be added，with much benefit， where it can be obtained，a quantity of leaf mould．Avoid a stiff，clayey， or cold，wet soil，and see that the beds have proper drainage．

After forming the beds of proper dimensions，set the bulbs six inches apart，and four deep；the proper time for planting is in October or Nóvem－ ber．Before very severe weather comes on，it is necessary to cover the beds with straw，leaves or manure，to pro－ tect them from the severe cold during

SINGLE，
 Winter．This covering can be removed
in March，and the result is certain．In the arrangement of colors，each person may be supposed to have a choice of his own，but if the beds be small，a separate color in each will be found to produce a pleasing effect；if large，a row or two of white all around the bed，then a row of red，another of rose，another of yellow，and the center of blue，will produce a good combination of colors．They should commence flowering the last of March，and if both early and late bulbs are used，a constant succession of bloom will be kept up for a long period．As soon as the flowers fade and the leaves die away，the bulb should be lifted and allowed to remain a week or two until perfectly dry，and
 after removing the decayed stems and leaves，will be ready to pack away for Autumn use．

Pot Culture，in House．－To grow them in pots，in the house，during the Winter，the bulb should be firmly pressed down in the soil until it is nearly covered，when it should be thoroughly watered，and set away in a dark place for several weeks．This will allow the roots to grow and get firmly fixed in the soil，when they can be brought into the light，and will at once commence the top growth．By bringing the pots into the light at different times，a continuous bloom may be had through the Winter．During their growth，they should be kept as cool as possible，and near the light，and watered frequently．

Glass Culture．－To grow in glasses，select a dark－colored glass，fill with water until the base of the bulb rests on the water，and set away in the dark，as directed in the pot culture．Fill up the glass with water as fast as it evaporates．If the water becomes impure，it should be changed， and the roots well cleansed before putting in again．A small piece of charcoal put in the glass will keep the water pure much longer．After the roots have attained a good growth，the glass can be brought into the light，and placed in a cool room near a window．They will need no further atten－ tion，except to see that the glasses are kept sufficiently full of water．

All Single Hyacinths succeed well in glass，and those of the Double ones marked（＊）are Glass Culture particularly recommended for glass culture and forcing．Those marked（＊＊）are the earliest to bloom：those marked（l）are the latest to bloom．

| DOUBLE DARK RED. |  |
| :---: | :---: |
| *Acterir, dark rose, large bells .................... 20 | *Maria Louise, large bells...................... 25 |
| **Alida Catharina, deep red, with green tips, large | lMadame Zouteman, dark red, tipped with green.. 25 |
| truss....................................... 25 | *Neerland's Glory, fine bells, tipped with grem.... 25 |
| **Bouquet Tendre, dark red, large truss.......... 20 | *Panorama, dark red, fine ........................ 25 |
| 2Cæur Fidele, dark red, purple center, fine........ 25 | *Princess Royal, bright red, fine.................... 20 |
| *Eclipse. dark red................................. $3^{\circ}$ | **William II, dark rose, very early................ 25 |
| [General Von Siethen, large bells, deep red......... 25 |  |
| DOUBLE ROSE. |  |
| EACH. | EACH. |
| Betsy, fine spike .................................. 25 | *L'Esperance, dark center ........................ 25 |
| *Bouquet Royal, pink, dark center, beautiful..... 25 | *Lord Castlereagh, light rose, large truss.......... 20 |
| *Comptess de la Coste, bright rose, good truss..... 25 | *Lord Wellington, light rose, very double, good |
| *Czar Nicholas, rich rose, fine...................... 20 |  |
| *Grootvorst, fine rose, good truss.................... 20 | **Regina Victoria, dark rose, large spike, good.... 25 |
| 2Hugo Grotius, large, early, fine.................. 20 | lRose Mignon, light rose, fine truss ............... 20 |
| DOUBLE DARK BLUE. |  |
| each. | H. |
| Albion, early, dark purplish blue................. 30 | 2Mignon de Drijfhout, half double................. 25 |
| **Belvidere, early.............................. 25 | **Othello, early, very dark...................... $3{ }^{\circ}$ |
| *General Antınck, violet-blue, fine spike, good truss 25 | *Prince Frederick, dark lilac, fine................ 30 |
| *King of the Netherlands, very large, deep blue, stron | *Rudolphus, dark porcelain, good spike, fine...... $3^{\circ}$ Tubal Cain, dark, half double. |
| strong. | ${ }_{\text {* Violet }}$ Fonce, fine blue |
| *Lord Wellington. light blue, striped with lilac. early. |  |
| DOUBLE LIGHT BLUE. |  |
|  |  |
| *Activiteit, agate blue, fine bells.................... 25 | Globe Terrestre, very large bells................... 30 |
| **A la Mode, early. good spike.................... 25 | *Grand Vidette, light porcelain blue, good truss... 30 |
| *Belle Mode, light porcelain, beautiful ............ 25 | *Lord Noel, very light blue ........................ 25 |
| *Bloksberg, extra. good spike....................... 25 | **Passetout, early, light blue......................... $3^{\circ}$ |
| **Bucenthaurus, light porcelain. ................... $3^{\circ}$ | *Pasquin, dark center, striped . .................... 30 |
| *Envoye, early and fine. good spike............... 30 | lRoi Josephat, lilac-blue, good truss................ 25 |
| DOUBLE WHITE. |  |
| EACH. | EACH. |
| **A la Mode, early. red center. .................. 30 | *La Deese, pure white, good ....................... 25 |
| **Anna Maria, buuish white, purple center, good | **Mathilda, early, red center..................... 25 |
|  | *Minerva, white, purple tinge...................... 25 |
| ** Bucenthaurus, pure white, yellow eye, fine...... 25 | *Miss Kitty, white and purple, large bells......... 25 |
| *Couronne Blanche, pure white . ................ 30 | *Montesquieu, white, purple center ................ $3^{\circ}$ |
| *Duchess de Bedford, extra, pure zuhite........... 25 |  |
| /Grand Monarque de France, white, edged with | *Non Plus Ultra, white, purple eye................. 25 |
| * pink, fine................................. 30 | *Passe Virgo, early, white, red tinge.............. 25 |
| *Herman Lange, white. with purple............... 30 | 2Penelope, white, red center........................ 20 |
| ** Johanna, pure white............................. 25 | **Prince of Waterloo, pure white. ................. 40 |
| *La Virginite, white, with rosy center, good truss. 20 | *Pyrene, pure white. green tips, neat truss........ 25 |
| **La Tour d'Auvergne, early, pure white........ 35 | 2Sceptor d'Or, pure white and yellow.............. 25 |
| DOUBLE YELLOW. |  |
| EACH. | ACH. |
| * Rouquet d'Orange, pinky yellow................. 35 | *Louis d'Or, dark yellow......................... 30 |
| *Gœthe, sulphur yellowv, very double, good truss... 35 <br> * Jaune Pyramide, yellorv, half double | lL'or Vegetal. bright orange yellow.................... $3 \circ$ <br> *Piet Hein, pale yellow. |
| DOUBLE HYACINTHS, IN MIXTURE-For Open Air Culture. |  |
| EACH. PER DOZ. |  |
| Double Red-all shades............. 15 I 50 | Double White, various colored eyes .. 15 I 50 |
| " Blue " | all colors mixed.............. 15 I 25 |
| " Yellow " $\ldots$.......... 15 I 50 |  |
| SINGLE DARK RED. |  |
| EACH. | EACH. |
| Agnes, extra large bells and spike................. 25 | Jenny Lind, good spike........................... . . 25 |
| Amphion, extra, very dark red.................... 25 | La Desiree, tine red................................ 25 |
| Amy, dark red, fine spike, extra.................... 25 | L'Ami du Cæur, dark red, fine.................... 20 |
| Appelius, large spike................................ 25 | Madame de Maintenon, dark rose, good truss...... 25 |
| Baron de Rothschild, dark red ..................... 25 | Madame Hodshon, dark red........................ 25 |
| Belle Eleonore, good spike.......................... 25 | Madame Rachel, brilliant red...................... 25 |
| Belle Corinne, bright red, striped, large spike..... 25 | Monsieur de Feasch, extra large .................. 25 |
| Bouquet Royal, fine bells........................... 25 | Mars, red striped, extra fine.......... ........... 25 |
| Cassandra, extra.................................. 25 | Paix d'Amiens, dark red.......................... 25 |
| Capeau de Cardinal, deep red...................... 25 | Professor Van Zwinden, fine red................... 25 |
| Charilaus, very dark, good spike.................... 25 | Queen Victoria Alexandrina, extra, dark red...... 30 |
| Charlotte Marianne, fine bells. ...................... 25 | Robert Steiger, extra, deep red..................... $3^{\circ}$ |
| Diebitsch Sabalkansky, brilliant carmine........ 30 | Sapho, extra, dark red ............................ 25 |
| SINGLE VIOLET, or PURPLE. |  |
|  | EACH. |
| Haydn, dark violet <br> T'A mi du Ceur, light lilac | L'Unique, dark violet..................................... 25 <br> Tollens, dark violet. |


| SINGLE ROSE. |  |
| :---: | :---: |
| H. | . |
| Acteur, dark rose.............................. 25 | Ponkjuweel, peach blassom, large bells............. 25 |
| Aimable Rosette, early, dark rose................ 30 | Sultan's Favorite, dark rose, striped, good truss ... 25 |
| Anna Powlona, extra, very fine rose....... ....... 25 | Talma, fine rose................................... 25 |
| Emilius, extra, dark pink, good................... 25 | Tasso, bright rose, large spike...................... 25 |
| Honneur de Sassenheim, fine rose................... 20 | Temple of Apollo, extra large, long spike, good |
| Kenau Hasselaar, fine rose ........................ 25 |  |
| La Baleine, large bells.............................. 25 | Tige Formidable, deep rosy.......................... 25 |
| Maria Theresia, new, rosy striped................. 25 | Tuba Flora, extra large flower.................... 25 |
| Neerland's' Glorie, pink............................ 25 |  |
| SINGLE DARK BLUE. |  |
| Amiable Brunete | ', midu Ceur eioler |
| Amiable Brunette, very dark...................... 20 | L'Ami du Cæur, violet blue, good truss............ 15 |
| Appius, very dark blue, good spike................ 20 | La Nuit, glittering black............................ 25 |
| Argus, new, blue, white eye, extra................ 25 | La Plus Noir, black.................................. 25 |
| Baron Von Tuyll, deep blue, long spike, good truss. 25 | Mimosa, large, splendid. .................................. 25 |
| Belle Africaine, black-blue, early.................. 25 | Nouvelle Fleur, newv, very long truss.............. 25 |
| Blue Mourant, extra, distinct color................. 20 | Prince Albert of Prussia, black..................... 30 |
| Bonaparte, deep blue.............................. 25 | Prince of Sachsen Weimar........................ 25 |
| Charles Dickens, extra fine bells, porcelain blue, | Quentin Durward, very dark...................... 25 |
|  |  |
| Emicus, blue, white eye............................. 20 | Staten General, deep blue........................... 25 |
| Fleur Parfaite, deep blue, fine...................... 20 | Uncle Tom, new, dark and white................ 25 |
| Kaiser Ferdinand, clear blue $\qquad$ 25 <br> SINGLE IIGHT BLUE. |  |
|  |  |
| EACH. | H. |
| Camper, clear blue................................. 25 | Orondatus, good bells, extra....................... 25 |
| Cœur Blanc, white eye ............................ 25 | Porcelain Sceptre, porcelain blue................... 25 |
| Couronne de Celle, new, extra fine................ 25 | Pronkjuweel, light blue, excellent................... 25 |
| Iris, pale blue, fine bells............................ 25 | Priestley, large, fine color......................... 25 |
| La Peyrouse, fine bells.............................. 25 | Regulus, extra large bells.......................... 25 |
| Lord Nelson, sky blue, good spike.................. 25 | Robinson, fine bells, splendid....................... 25 |
| SINGLE WHITE. |  |
| EACH. | H. |
| Cleopatra, rosy white, fine ....................... 25 | Queen Victoria, extra........................... 35 |
| Elfride, white, shaded with light pink, large...... 25 | Reine Blanche, pure white, fins................... 30 |
| Emicus, very long spike.......................... 25 |  |
| Emmeline, large, pure white, new................. 25 | Rousseau, white, edged with pink, fine bells....... 25 |
| Grand Blanche Imperiale, cream white, large bells. 25 | Semiramis, creamy white.......................... 25 |
| Hercules, white, shaded with rose, extra......... 25 | Seraphine, pale blush............................... 25 |
| La Candeur, snowy white, dwarf, fine.............. 25 | Sophia Carolina, rose tinted .......................... 25 |
| La Virginite, white, shaded rose.................... 25 | Staten General, pure white. . . . . . . . . . . . . . . . . . . . 25 |
| Lord Granville, creamy white...................... 25 | Triumph Blandina, creamy white, fine truss ...... 25 |
| Madame Torc, fine spike ........................... 20 | Tulia, pink tint.................................... 25 |
| Mrs. Harriett Beecher Stowe, pure white.......... 30 | Vesta, rose blush................................... 25 |
|  | Voltaire, pale blush white, large truss, fine bells... 30 |
| Prince de Galitzen, good spike...................... 25 |  |
| SINGLE YELIOW. |  |
| EACH. | CH. |
| Adonia, rosy yellow .............................. 20 | Grand Vainqueur.......... ...................... 25 |
| Alida Jacoba, good spike........................... 30 | Herman, pale yellow............................... 30 |
| Anna Carolina, pale yellow......................... 35 | Heroine, yellow, green tips........................ 25 |
| Bouquet d'Orange, orange yellow................... 30 | La Pluie d'Or, pale yellow, fine bells................ 20 |
| Fleur d'Or, pure yellow... ${ }^{\text {a }}$...................... 20 | La Victoria......................................... 20 |
| Furst Von Dessau, pale yellow...................... 20 | Le Chasseur......................................... 20 |
| General de Tombe, pale yellow ..................... 25 | Rhinoceros, orange yellow.......................... 25 |
| oldborse, dark yellow.............................. 25 | Ueberwinder, pale yellow............................. 20 |
|  |  |

SINGLE HYACINTHS, IN IIIXTURE-For Open Air Culture.

| Single Red-all shades. | EACH. .15 I | PER DOZ. I 50 | Single White, various colored eyes. $\therefore$ EACH. | PER DOZ. <br> 150 |
| :---: | :---: | :---: | :---: | :---: |
| " Blue " | .. 15 | 150 | " All colors mixed. $\because . .$. ......... 15 | 1 25 |
| " Yellow | 15 | 150 |  |  |

## TULIPS

Next in importance to the Hyacinth, if not of equal consideration, comes the Tulip. It is difficult to conceive of anything more pleasing to the eye, than a bed of good Tulips. The great variety of colors produced, their intense brilliancy and beautiful shading, make them universal favorites. Another great consideration in their favor is the ease with which they can be cultivated, requiring only any good common soil to grow them to perfection!; the price, too, as compared with other bulbs, places them within the reach of all, and there can be no reason why every family should not have a good bed of Tulips. There is no class of bulbs that makes so rich and gorgeous a display of blossom with so little attention and care in cultivation, and at so trifling a cost. The Tulip has been so much improved by the Dutch cultivators, that it now ranks high in the floral world, and people who have been accustomed to see a bed of them on the old homestead from their youth, have little idea of the magnificent varieties brought into notice by the amateurs.

The culture of Tulips is the same as given Hyacinths, except that the bulbs should

be planted four inches apart, when a fine display is wanted; but many place them from six to eight inches apart. Most of the varieties are well adapted to pot culture, and if ten or twelve be grown in a single large pot, the effect will be beautiful.

If the early kinds be planted in September, and forced, as directed for Hyacinths, they may be had in blaom in December.

## EARLY SINGLE TULIPS-Most suitable variety for Out-Door Culture.

These commence flowering two weeks in advance of any other, and are admirably adapted to culture in pots, borders or beds. The Duc Van Thol, in all its colors, is perhaps more generally known than any other kind. Their early blooming, brilliant colors, and dwarf habit, render them very popular. They are extremely beautiful, and blend admirably; the scarlet is too brilliant for the eye; the rose has a satiny appearance, while the yellow and white are pure, so that a bed with scarlet in the center, yellow next, then rose, then variegated, would produce an exceedingly pretty effect.

## Less than $1 / 2$ Dozen, Single Rates.

| Alba Regalis, zu/izte...................... 10 . |  | Duc Van Thol, rose . . . . . . . . . . . . . . . ${ }^{\text {EACH. }}$ | PER DOZ. |
| :---: | :---: | :---: | :---: |
| Alida Maria, red and white ........... ı | 100 | " . white.................... 20 |  |
| Artus, red............................... . 10 | 75 | crimson ............... 10 | 75 |
| Beaute sans pareille, fine striped....... 10 | 100 | Jagt von Deft, rose...................... 5 | 50 |
| Belle Alliance, scarlet.................. . 10 | 75 | La Precieuse, rose. . . . . . . . . . . . . . . . . . . 5 | 50 |
| Berkheide, violet....................... . 10 | 75 | La Reine, rose..... . . . . . . . . . . . . . . . . . . . 5 | 50 |
| Bizard Pronkert, yellowv and red....... 5 | 50 | Prinz, yellow ................. . . . . . . . . . 5 | 50 |
| Borde, red and zuhite striped.......... 5 | 50 | Rembrandt, scarlet.................... 10 | 10 |
| Cerise Rectifiee, zery fine striped . . . . 10 | 100 | Roi Pepin, pure write, crimson blotched 30 | 30 |
| Coleur de Cardinal, cardinal red...... 5 | 50 | Simson, red............................. ıo | 75 |
| Coleur Ponceau, rosy crimson border, ${ }^{\text {a }}$ |  | Standard Silver, red and zuhite........ 10 |  |
| zuhite ground. | 50 | Standard Gold, red and golden........ 15 | 50 |
| Duc d'Arenberg, red................... 5 | 50 | Thomas Moore, buff, shaded orange... 5 | 50 |
| Duchesse de Parma, brown and yellozv. 5 | 50 | Van der Helst, red and white.......... | 75 |
| Duc Van Thol, red..................... 10 | 100 | Van der Ulft, white................... ı |  |
| " " scarlet.................. 10 | 100 | Vesuvius, scarlet........................ . 10 | 75 |
| yellozu................... 15 | 150 | Vuurberg, red.:........................ 5 | 50 |
| " golden striped......... | 100 | Wapen Van Leiden, red and white.... 5 | $50$ |

## EARLY DOUBLE TULIPS-Suitable for Pots, Borders or Beds.

| Albano, white.............................. 10 | PER DOZ. I 00 | La Candeur, pure white............... 10 | PER DOZ. |
| :---: | :---: | :---: | :---: |
| Belle Alliance, variegated............. ı $^{\text {a }}$ | 75 | Madame Bonaparte, red and yellozv.... 5 | 50 |
| Blanc Borde, purple and white........ 5 | 50 | Marriage de Ma Fille, white, striped |  |
| Bonaparte, purple..................... 5 | 50 | with rose ......................... 15 | 150 |
| Couronne Imperiale, ziariegated violet, | $\infty$ | Peony, dark red............................. ${ }^{5}$ | 50 50 |
| Duc Van Thol, red, bright yellozv edge. 5 | 150 | Rosine, rose.......................... 5 | 50 |
| Duke of York, purple, yellow edge.... 5 | 50 | 'Tournesoll, red, yellow bordered ..... 10 | 100 |
| Gloria Solis, deep scarlet, edged with |  | pure yellow . . . . . . . . . . . . . . 10 <br> Ueberwinder red and white variega- | $\infty$ |
| bright yellozu....................... 5 | 50 | Ueberwinder, red and white variegated. |  |
| Grand Alexander, red, striped......... 10 | 75 | Yellow Rose, pure yellow..................... 5 | 1 c 50 |
| Imperator Rubrorum, brilliant scarlet. 10 | 100 | Yellow Rose, pure yellow............... 5 | 50 |

## PARROT TULIPS

Singularly beautiful flowers, containing brilliant shades of scarlet, crimson, yellow and green, curiously intermixed and variegated. The edges of the petals are feathered. In masses they are very striking and effective, and are exceedingly showy grown in pots.

## FOR BORDERS.

EACH. PER DUZ.

|  | EACH. | PER DOZ. |
| :---: | :---: | :---: |
| Red. | - 5 | 50 |
| Variegated. | - 5 | 50 |

$\qquad$
Variegated... . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
Mixed.

- 5



## LATE FLOWERING, or SHOW TULIPS.

This variety is grown by the florist and amateur for its beautiful bloom, and is seldom used to produce a mass of flowers, each individual blossom being a marvel of beauty in itself. It is from this variety that prize flowers are obtained, many of which command fabulous prices.

They are much taller than the preceding varieties (being $1 / 2$ to 2 feet), and were the subject of so much commercial speculation in the seventeenth century, when five hundred pounds sterling were paid for a single bulb. The mania has now died out. yet larger sums are still paid for new varieties of this bulb. than almost any other.

EACH. PER DOZ.
Byblooms white ground flaked with violet, crimson and maroon... 5 . 50
Bizarres. yellow ground. flaked with crimson, purple and violet..... 5
Byblooms and Bizarres, mixed 5
50

MIXED TULIPS.


## CROCUS.



Among the earliest to blossom in the Spring is this beautiful little flower, lifting its head almost before the snow has disappeared Blooming at a tıme when the ground is destitute of foliage or flower, it is a welcome visitor. The Crocus succeeds when grown in pots, and tolerably well in glasses, for which purpose the best named varieties should be selected They present the best appearance, however, when grown in masses, in a bed, for which large quantities should be used, say from one hundred to five hundred in a bed. The proper time for planting is the same as for the Hyacinth. and the bulbs should be set two or three inches apart, and two deep.

|  | PER DOZ. PER IOO. | PER Doz. | PER Ioo. |
| :---: | :---: | :---: | :---: |
| Mixed White | 75 | Large Striped, extra large bulbs........ 15 | $1 \infty$ |
| Blue | $10 \quad 75$ | " Yellow, "، ......... 25 | 175 |
| - Striped | 75 | Cloth of Gold, first size................ I $_{5}$ | - |
| Large White, extra large bulb |  | Cloth of Silver...................... ${ }^{15}$ | I |
| Large White, extra large bulbs | $\begin{array}{ll}15 & 100 \\ 15 & 100\end{array}$ | Scottish............................... 25 | ${ }^{1} 75$ |

## SPL NDID NAMED VARIETIES.



## ANEMONE.

One of the most beautiful and showy of flowers, being exceedingly brilliant, and the stripes and belts distinct and charming. It is not quite so hardy as many other bulbs, but planted in October or November, six inches
apart and covered three inches deep and well protected by leaves and manure, success can confidently be expected

|  | EACH | PER DOZ |  | EACH. | PER DOZ. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Double mixed.. | . 5 | 50 | Single scarlet. | - 5 | 40 |
| Singie | 5 | 40 |  |  |  |

## BULBOCODIUM.

Very attractive is the pretty flower of the Bulbocodium, or Spring Colchicum. It is one of the earliest to flower of the Spring tlooming bulbs, coming in bloom from ten to fifteen days earlier than the favorite Crocus. The flowers are of a rich dark purple color. some specimens having black-purple veins or markings. Plant the bulb two inches deep, in a light, sandy soil early in October, it will produce finer bloom if undisturbed for several years.

EACH. PERDOZ.
Bulbocodium verum
IO
I $\infty$


## COLCHICUM.

A species of Crocus producing its flowers late in the Autumn. after all other flowers have perished and the leaves fallen. The following Spring the plant throws up its foliage and ripens its seed. Six or eight flowers are produced from one bulb. Their culture is the same as given for Crocus. except they should be set out earlier. They are perfectly hardy. and will ndure the coldest weather. The bulbs are large.. nd should remain a long time without being distl rbed.

EACH. 'ER DOZ.


## CROWN IMPERIAL.

A tall, stately plant, with beautiful flowers of various colors, and remarkable for the drops in the petals of the flowers, which shine with a peculiar lustre, and resemble a pearl. The flowers are fragrant, but the bulbs have a disagreeable odor which is sometimes transmitted through the bed.


CROWN IMPERIAL
Plant six inches deep, and one foot apart, in good, rich soil in October or November. The bulbs need not be disturbed oftener than once in three or four years.


## CYCLAMEN.

There is no more ornamental plant for green-house or parlor culture, than the ${ }^{\circ}$ Cyclamen. It grows readily, blossoms freely, and remains a long time in flower. The soil should be equal parts of turfy loam, leaf mold, and silver sand. Put in pots three times the diameter of the bulb, in October. Keep them in a cool, light place, watering lightly till growth begins ; then water freely and give plenty of light and air. On the approach of cold weather, remove to a warmer situation-the parlor or green-house-but keep them near the light. The whole secret of growing Cyclamens to perfection is light, air, and a low temperature.


PERSICUM.


EUROPEUM.


VARIEGATUM.


Tubarous-rooted plants, blooming in the Spring; favorably known almost everywhere. They require only the ardinary culture of border plants. Roots planted in Autumn will flower freely. The roots should be divided every third year. The flowers are a delicate pink color, very graceful, produced continuously from May till July.
Dielytra, Spectabilis
.each, 25 per doz., 2 50

## FUNKIA-(Day Lily.)

The well known Day Lily, so well known as to scarcely need any description. The roots should be set out in the Autumn to become well established, and they will bloom the following Spring. They need not be disturbed for many years, and will always be welcome for their grateful perfume lavishly dispensed.
Fuakcia Japonica alba, White Day Lily........each, 30 | Funkia, Japonica, cœrulea, Blue Day Lily.......each, 25

## IRIS-(Fleur de Lis.)

Aa elegant class of flowering bulbs, suitable for pots or borders, and all are hardy except Pavonia, which eak only be flowered in the house, in pots. The bulbs should be planted in October, in light, rich soil, and protected by litter in Winter. Set the bulbs in clumps two inches apart each way, and three inches deep. Every third or fourth year they should be taken up and re-set. The flowers are very handsome, of various colors, fragrant, and freely produced.

Anglica (English Iris), mixed sorts
Hyspanica (Spanish Iris), mixed sort
Hyspanica (Spanish Iris), mixed sorts.................. 5
Persica (Persian Iris), white, blue and purple, beautifun.


## JONQUIL.

A species of Narcissus, easily grown in house or garden, and always a favorite for its bright, fragrant flowers. The flowers of all the varieties are bright yellow, fragrant and freely produced. Well suited for window plants, as the flowers seldom fail to expand, and continue a long time in perfection. Culture same as given for Narcissus.

## EACK. PR DOZ.

Large Dowble, yellow,
sweet-sconted ..... as 2 50 Harge Single, yallow,
soctron ..... 10

EACH.
Pavonia (Peacock), white, blotched with blue, beau-
tiful............................................ 10 Tuberosa (Snake's Head Iris), rich velvety flowers. 25 Japonica, most beautiful of all...................... so




LANCIFOLIUM.


CANDIDUM.

LILIUM.
The Lily has been with eminent propriety styled the "Queen of Flowers," and truly no flower conveys so adequate an idea of queenly beauty, majestic grandeur and faultless purity, as the Lily. Too much cannot be said


TIGRINUM, FL. PL. in its praise, and we are glad to notice its increasing popularity from year


CHALCEDONICUM. to year. Nearly every variety will withstand the severity of


LONGIFLORUM.
our Winters, and many are among the most hardy of our garden flowers. Their culture is simple, and with a little care, failure is impossible. Select a deep, rich soil, enrich it well with thoroughly decomposed manure, and set the bulbs from three to six inches deep, according to size. In the Autumn the bed should be protected by a liberal


We desire to call especial attention of our friends to "Success With Small Fruits," by Rev. E. P. Roe. This is the most comprehensive and trustworthy work on this subject yet published. It is beautifully illus= trated, printed on the finest paper and handsomely bound. See specimen pages herewith.

Sent prepaid on receipt of price $\$ 5$.
Address all orders
D. M. FERRY \& CO.,

Detroit, Mich.

保






 flahas hlowhed
covering of leaves or litter, and care should be taken that they have proper drainage, no water being allowed to stand around the roots. The bulbs can be transplanted either in Spring or Autumn, but should be kept out of the ground the shortest possible time. Once firmly established, they should not be disturbed oftener than once in five years. Many of the varieties force well in the green-house, but are more suitable for parlor culture.

## EACH. DOZ.



Lilium, Chaicedonicum, brilliant scarlet, recurved blossoms. ........................ 50 500
"Longiflorum, pure white, very fragrant I5 I 50
" Tigrinum (Tiger Lily), orange, spotted
black......................................... I5 I 50
" " Flore Pleno (Double Tiger Lily),
extra large bulbs, giving from 20
to 30 flowers................................... 40400
" Jacobean (Amaryliis Formossissima), deep scarlet........................ $404 \infty$
". Fortunei, deep scarlet, spotted with black $40 \quad 400$

We have given approximate prices only for Liliums, being as near as we can ascertain at this season of the year. Should they be any lower, we assure our customers that they shall have the benefit of it, and if prices advance, we shall be compelled to advance our rates.

## LILY OF THE VALLEY.



LILY OF THE VALLEY.

## (convellaria majalis.)

Well known and universally admired Spring-flowering plants, equally well adapted to Winter-flowering, in the parlor. The flowers are bell-shaped, freely produced, and powerfully fragrant. For parlor culture, place five or six buds or pips in a crock, cover to the depth of one inch, set away in the dark for a week or two, and keep well watered. Then bring into the light, and set in a warm, moist place. In four or five weeks the flower will appear. By repeating this process at intervals, a constant succession of bloom may be maintained through the whole Winter. For out-door culture, you have only to set the buds or pips where they are to blossom, as soon as received, and no farther attention is required. They are perfectly hardy, and are not injured by frost. EACH. DOZ.
Convellaria Majalis buds, white...................................... 5 50


## NARCISSUS, POLYANTHUS.

No flower garden should be without these elegant white flowers, which, in contrast with the Hyacinth and Tulip, present such an elegant appearance, and their fragrance is truly delicious. The culture and mode of planting is similar to the Hyacinth, except that the bulb should be covered to the depth of five inches, and well protected from the cold during Winter.


## NARCISSUS, DOUBLE.

A beautiful class of well known popular flowers, which thrive in any good garden loam, being hardy enough to withstand the Winter, except in the extreme North. They are pretty for Winter, flowering in pots in the house, and may be successfully grown in water, sand or earth, and require the same treatment as Hyacinths. For out-


DOUBLE NARCISSUS.


## NARCISSUS, SINGLE.




Admirably adapted for house culture, and nothing is prettier for window plants, as they flower freely, are in blonn a long time, and are remarkably free from insects. The flowers are of various shades of yellow, pink, red and white, and are often very fragrant. Plant in pots, six or eight bulbs in a pot, and cover about one inch deep.
Fine Mixed, a large assortment of varieties....

oXALIS.


PÆONY, TEUNIFOLIA.


DOUBLE RANUNCULES.

> PAOONY, CHINESE.

[^0]

PEONY.


SCILLA, SIBERICA.


CAMPANULATA.

RANUNCULES.
Strikingly beautiful flowers, well adapted to pot culture, in the house. They are not hardy, and great pains must be taken to insure success when planted out in beds. The beds should have good drainage, the soil light and warm, and well manured. Plant two inches deep, in November, and press the earth close around them. On the approach of cold weather, the beds should be thoroughly protected with leaves, litter or manure, which should be covered with boards. When warm weather appears, this covering is removed, and success is tolerably certain. They will repay all care bestowed upon them.
Double, Mixed, many colors.

## EARLY RANUNCULES.



Hercules, white..................................... 10 io
Prince de Galitzin, variegated.............. 10 . 75
Turban d'Or, baack....................................... 5
50
50

## SCILLA.

A beautiful class of small bulbs, with pink, white and blue flowers. They flower early, and are well adapted to growing in pots or pans, in the house, and hardy enough to withstand the Winter out of doors, if they are protected with the usual covering of leaves, etc. They should be planted in October or November, about one inch deep, and one inch apart, in clumps or masses, each variety by itself. It is impossible to describe the beauty of the fowers. The bulbs should not be disturbed oftener than once in three or four years.


## SMILAX.

Evergreen climbers of much beauty, usually cultivated as green-house or conservatory plants. The leaves are small, and quite ornamental ; its twisting and clinging habit makes it quite a favorite in this country. It is very useful in the formation of wreaths and crosses, and for clothing statuettes, vases, \&c. Grown both from seeds and bulbs. The little bulbs should be put in pots as soon as possible after they are received, and watered sparingly

until signs of growth appear, when they should receive plenty of water. They grow rapidly, and a single bulb will make a vine forty feet long in a remarkably short time; strings must be supplied for them to run upon. Give them a warm place and plenty of air, but keep them from a direct draft. When the foliage turns yellow, cut off the vine and gradually withhold water, and put the bulb in a dry, cool place for six weeks, when it will be ready for another season's growth.

EACH. DOZ.
Smilax, Seeds.............per packet, 15c. per oz., $250 \mid$ Smilax, Bulbs
10 I $\infty$

## SNOWDROP.



The first to herald the approach of Spring, defying the cold, and lifting its tiny white blossom to view long before the snow has disappeared, and when no other sign of vegetable life appears. The flower is beautiful, and is more welcome by its being so early. They can be planted in beds, in the border, or in clumps in the open lawn, and will endure any amount of hard treatment ; still, no flower better repays care and attention. Plant the bulbs in September or October-the earlier the better-to enable them to become well established before freezing weather. Set about two or three inches deep, and one inch apart, in clumps or triple rows; if planted singly, they are not conspicuous. The bulbs should not be kept long out of the ground, and should not be disturbed oftener than once in two or three years.

Double..
DOZ. PER IOO
DOZ. PER IOQ

## YUCCA, or ADAM'S NEEDLE.

For a cemetery, we doubt if a more appropriate plant can be found than the Yucca. The immense clusters of pure white blossoms render it very attractive. The leaves are narrow and long, and from their edges depend long threads. The flower stalk arises from the center of the plant to a height of three or four feet, and the bell-shaped, white blossoms are produced in abundance. The plant is perfectly hardy, and can be set out where required, either in Autumn or Spring, and it will require no farther care.

EACH.
Yucca, pendula, very graceful; its foliage drooping................................................................. 50.


## Plants for Winter Blooming in the House.

It is with real satisfaction that we present our customers with a largely increased list of Plants from which to seleot, embracing nearly all of the valuable newer varieties that have been tested and found worthy a place in our catalogue. Rooted plants, such as we send out, seldom fail to give perfect satisfaction; not nearly the skill and patience are required with Plants that are necessary to produce bloom from the seed. The system of packing is now so perfect that Plants can be sent about as safely in the coldest weather in Winter, as in Summer. It is now eight years since we added the Plant feature to that of our Seed business, and we are glad to say that the instances have been very rare when the Plants we sent out have failed to give entire satisfaction.

The poor as well as the rich are fast learning that a few nice, healthy Plants in their dwellings are a necessity as well as luxury: They are regarded almost as members of the household, and many a delightful hour is spent in their companionship. How much real satisfaction is afforded in being able to offer your retiring guest in mid-Winter a little bouquet of living flowers, grown in your own house, and perfected under your own supervision. Even the green leaves bring cheerfulness and sunshine. We cannot too strongly urge our friends to have some Flowers and Plants for Winter blooming, at which season of the year, even the most insignificani flower is more welcome than the most gorgeous display in Summer, when all nature is blooming.

It is now well understood that we have unprecedented facilities for promptly and faithfully executing orders for Plants, through our connection with one of the largest and most favorably known houses in central New York, with whom we have dealt for the past eight years, and who have gained an enviable reputation both for us and themselves, by growing and sending out only large, healthy, fine specimens of Plants. Their system of packing and facilities for shipping are complete, and perfect satisfaction can be relied on. The order and money must be sent to us, but the Plants will be sent to the party direct from the green-house in central New York.

PLANTS BY MAIL.-The rate of postage on Seeds, Bulbs and Plants is sixteen cents per pound, and only small Plants can be sent by mail. They will, however, be well rooted and healthy. There is some danger of Plants being injured on the way when sent by mail, and only those living at great distances should order Plants sent by mail. We will, however, wrap them carefully in oiled cloth, and use every precaution to have them reach their destination safely and in good condition. In remote places, where the express charges would be large, they had better be sent by mail.

PLANTS BY EXPRESS.-In all cases where it is apparent that the express charges will not be exorbitant (from the long distance), it is much preferable to have your Plants sent by express. The express charge will cost the purchaser a little more, but you will be sure of getting much larger, finer Plants, and we shall add to all good sized orders a few extras, to compensate for the small difference in cost between mail and express. Parties living at a great distance, such as Texas, Louisiana or the Territories, would not be justified in ordering by express, as the charges would be more than the plants would be worth when received. We shall use our judgment and experience in shipping for the benefit and protection of our customers.

BOXES AND PACKING.-We make no charges for boxes or packing, and the Plants will be in fine condition when they leave us, and properly and carefully packed, but cannot undertake to guarantee their condition when received. Our responsibility ceases with the delivery to the express company or post office.

TERMS OF PLANTS.-The Terms are strictly Cash with the Order. The best method is tosend draft on New York or Chicago to our order, or purchase a Post Office Order payable to us. When neither of these are convement, send the currency in Registered Letter. We do not execute an order for Plants for a less amount than One Dollar. uless 10 cents extra is added to cover extra cost.


- Abutilon-Boule de Niege. of white bloorn Well adapted for out-door culture. 25 cents.
Abutilon, Santana. Flowers brownish-crimson 25 cents.
Abutilon, Vexillarium var. Climbing habit, veined and striped; scarlet and jellow. 25 cents.
Abutilon, Thompsoniz. Leaves mottled with bright golden yellow; one of the finest ornamental-leaved plants. 25 cents.
Achania, malvaviscus. Strong-growing, everblooming green-house shrubs; flowers intense scarlet. 25 cents.
Acuba, Faponica. (Gold Dust Tree.) Very neatgrowing shrub; leaves dark glossy green, splashed with yellow. 25 cents.
Agapanthus, Umbellatus var. 50 cents to $\$ 1 . \infty 0$.
Agave, Americana var. The well known variegated Century Plant. Valuable as a pot plant or for decorating lawn. 50 cents to $\$ 1.50$.
Ageratum, Tom Thu mb . A dwarf variety of low and compact growth ; flowers light porcelain blue. 20 c .
Aloysia, citriodora. (Lemon Verbena.) Of this


AGERATUM-Tom Themb.
Abutilon, Darwiniz. New; entirely distinct. Flowers a deep orange scarlet. veined with pink. thrown well above the foliage; a very profuse bloomer 25 cents.

Abutilon, Boule de Niege. The best white flowering Abutilon that has yet been introduced. In this variety. we have a fine compact growth, and an abundance


BEGONIA-REX.
beautiful plants in cultivation, when grown singly in hanging baskets. 30 cents.

Begonia, Subpeltatum nigricans. Leaves are a rich shade of crimson; flowers blush white. 30 cents.

Begonia, rubra. One of the most valuable acquisitions to Winter-flowering plants. Leaves dark green : flowers rosy-scarlet, glossy and wax-like. It is a model of perfection. Nice, large, healthy plants 50 cents to Sr.co.

Bouvardia. Valuable as Winter blooming plants, equally desirable for bedding. Beginning to bloom in August, they continue until frost. 30 cents each.
Bouvardia, Lientha. Dazzling scarlet; small and compact.
" Vreelandii. Pure white.
"Elegrans. Scarlet vermillion: trusses large and full.

- Tiцe Bride. Pink; soft and pretty shade.

Bouvardias are sent by express only.


BROWALIIA.
Browallia, elata. A very free-growing plant, covered with pretty blue flowers. 25 cents.

Cactus, best varieties 25 cents to $\$ 2.00$ each.
Calla, Ethiopica. Very large, tube-shaped, white flower. 25 to 50 cents each.

Caladium, esculentum. A singularly handsome and eonspicuous plant, having very large, beautiful leaves, often several feet long. Plant will attain a height of five or six feet. One of the best plants for lawn or center of large flower beds. Plants are produced from bulbs like the Calla. Bulbs 25 to 50 cents.

Caladium, fancy. Leaves spotted and striped in almost every color. 50 to 75 cents.

Camellia, Faponica. One of the most popular greenhouse plants for Winter bloom. (Sent by express only). \$r.oo to \$5.0.

Campsidium, Filicifolium. An elegant climber of rapid growth, for green-house culture, the leaves of


CALADIUM.
which much resemble the fronds of a Fern in miniature. May be grown as a pot plant, or trained to the rafters. 30 cents.
 each; $\$ 3.50$ per dozen.
Carnation, President DeGraw. White.
" La Purite. Carmine.
." La Purite, var. Scarlet, striped.
" Edwardsii. White.
Centurea, candida. Plants dwarf: leaves downy white. 25 cents.
" gymnocarpa. Drooping habit; silvery grey; valuable plant to contrast with Coleus and Achyranthus. 25 cents.


Peter Henderson Plant.
Chorozema, varia. A valuable green-house shrub, flowering in Winter and Spring; flowers purple and orange, in spikes from four to six inches in length. 25 cents.


CENTAUREA-CANDIDA.
Chrysanthemums in great variety for Winter blooming. 25 eents each.


CINERARIA-MARITIMA.
Cineraria, maritima. White foliage plant, similar to Centaurea, with deeply cut leaves. 25 cents.

Cissus, discolor. Stove climber; foliage beautfully shaded silver, crimson and purple. 25 cents.


COBÆA-Scandens.
Clerondendrom, balfouri. A stove climber of great beauty. The flowers, which are of a bright searlet, are encased in a bay-like calyx of pure white. It is very effective as a pot plant. 25 cents.

Cobæa, scandens. A most useful climber on account of its rapid growth, and large, bell-shaped flowers. 25 cents.

Cobæa, scandens vaiegata. Beautiful vasiegated. foliage. 25 cents.


CENTAUREA-Gymnocarpa.


CHRYSANTHEMUM.


CUPHEA.


- Cocoloba, platyclada. A singular plant, resembling the Fern. Much used for Ferneries, Wardian Cases and baskets. 25 cents.

Convolvulus, mauritanicus. A favorite drooping basket plant, with large, delicate, blue flowers. 25 cts .


CYCLAMEN.

Daisies, double white and red. ro cents each; \$1.00 per dozen.

Dionea, muscipula. (Venus' Fly Trap.) A very interesting plant, taking its name of "Fly Trap," from a curious formation of its leaves, which are very sensitive. As soon as an insect touches them, they close, and remain closed as long as the insect continues to struggle. Requires a warm, moist atmosphere. 25 cts. Dr`æna, Australis. (Dragon Tree.) Wide, green foliage. 25 cents to $\$ 1.00$.
" Congesta. Narrow, green leaves. 75 cts . to $\$ \mathrm{r} .50$.
" Guilfol viz. Variegated; very showy. \$r.50 to $\$ 3.00$.
" Terminalis. Rich crimson foliage, marked pink and white 50 cents to $\$ 2.00$.
[uranta, Baumgartii fol. var. Beautiful foliage


## ECHEVERIA.

 star-shaped and very fragrant. It requires a warm atmosphere and plenty of moisture. 50 cents to $\$ 1.00$.Euonymus, Yaponicus aureus. Handsome, evergreen shrub, with bright yellow blotch in the center of the leaf. An excellent house plant for Winter, growing well in the shade. 25 cents.


EUPHORBIA.
Euphorbia, splendens. A continuous-blooming variety, densely covered on the stems with spikes or thorns an inch in length, giving it a curious appearance. Bright scarlet flowers with yellow center. 25 to 50 cts .
Fabiana, imbricata. An evergreen, green-house plant, of pyramidal growth, resembling some of the varieties of heath ; it is densely covered during the Spring months with pure white, tubular blossoms. 25 cents.
Farfugium, Grandes. A very showy foliage plant, with large, dark green leaves spotted with yellow. 506


Ferns. Too much cannot be said in favor of these graceful plants, and we are glad to see they are constantly growing in favor each year, till no collection of plants, however small, is now considered perfect without at least a few varieties of Ferns. In places too shady for other plants to thrive, they grow in great beauty. Coming as they do from every clime, we find them an interesting study. They are alike good for baskets, vases, rock work, for ornamental plants for parlor or conservatory, and the pressed leaves of some of the varieties are marvels of graceful beauty. We make a specialty of them, and we doubt if many so large colleotions as ours can be found in this country.


## MAIDEN'S HAIR FERNS.

Adiartum, concinum. 25 cents.
" cuneatum. 50 cents.
" decorum. 25 to 50 cents.
" denticulatum. 50 cents.
" formosum. 25 cents.
"gracillinum. 25 to 50 cents.
" macrophyllum. 25 cents.
" excisum multifidum2. 50 cents.
" Fulverii. 50 cents.
" Roenbeckii. 50 cents to $\$ \mathrm{r} .00$.
" farleyense. A new variety, and the most beautiful of all. Very large, beautiful leaves, of drooping habit; a single plant is often two feet in diameter, and resembles a fountain. It would be difficult to conceive of anything more elegant than a single specimen. \$2.00 to \$5.00.
Alsophila, australis. (Tree Fern.) 50 cents to \$5.00.
"capensis. 50 cents to $\$ 3.00$.
ferox. 50 cents.
Alsorus, crespus. 50 cents.
Aspleium, belangeri. 25 cents to $\$ 3.00$.
fabianum. 25 to 50 cents.

- macrophyla. 50 cents.

Blechnum, occidentale. 25 cents to \$1.00. Brazilinse. 50 cents.
Geilantes, Hirta. 25 to 50 cents.
Cilotium scheidi. $\$ 2.00$ to $\$ 5.00$.
Cyathea dealbata. \$3.00 to \$5.00
Davallia, dissecta. 25 to 50 cents.
" elegans. 25 to 50 cents.
"tyrmana. 50 cents.
"teunifolia striata. 50 cents.
Mooreana. 25 cents to $\$$ r.00.
Dicksonia, antartica. \$3.00 to \$8.00.
Diplazium, decinatum. 25 to 50 cents.
Doodia, candata. 25 cents.
Doryopteris, nobilis. 50 cents to $\$$ x.00. palmata. 50 cents to $\$$ r.00.
Gymnogramma, argentea. (Silver Fern.) 25 to 50 c . Peruviana. 25 to 50 cents.
" laucheana. (Gold Fern.) 25 to 50 cents.
" decomposita. 50 cents.

Lomaria, gibba. 25 cents to $\$ 3.00$.
Lygodium, scandens. (fapanese Climbing Fera.) A native of Japan; of graceful, twining habit, and in its native clime, will grow fifty feet. Of easy culture, treated as other Ferns, and valuable as a clicabing or drooping plant. 25 to 75 cents.
Lastria, hispidula. 25 to 50 cents.
" vernea. \$1.00.
Meorolepia, heotra. 25 to 50 cents.
Nephrolepsis, exaltatum. 25 cents.
"scabra. 25 to 50 cents.
" picta. 50 cents.
davallioides. 25 to 75 cents.
Nephobolus, lingora. 25 cents.
crispa. 25 to 50 cen*s.
Onychium, japonicum. 25 to 50 cents.
Platycerium, alcicorne. (Stag Horn Fern) 76 cents to $\$ 3.00$.
Platyloma, falcata. 25 cents to $\$ 1.00$.
Polypodium, aureum. 25 cents.
" glauca. 50 cents.
" kurrudrianum. 25 to 50 cents.
" paradiseae. 25 to 50 cents.
Pteris, argyea. 25 cents to $\$ 1.00$.
" critica alba lineata. 25 oents.
" serrulata. 25 cents.
" " cristata. 50 cents.
" longifolia. 25 cents.
" tremula. 25 cents to \$1.00. ternifolia. 50 cents.
Pella, Kastata. 25 cents.
" geranifolia. 25 cents.
We have also a great variety of other Ferns and Selagrenellas, too numerous to name.


FEVERFEW-Double.
Feverfew, Pyrethrum. Double white; Summes blooming. 20 cents.

Feverfew, Golden. Much used for massing or bordering. Leaves finely cut, of a golden yellow color. The flower stems should be cut as soon as they appear. ro cents each; $\$_{1 . \infty}$ per dozen.

Fragaria, Indica. Bright red strawberry; used for rock work or baskets. 25 cents.

Fuchsia. (Lady's Ear Drop.) In shaded situations, with plenty of air and light, they make elegant Summer-blooming plants for massing or grouping in beds. We have a choice collection of both single and double, which have been carefully selected with a view to obtain the best varieties in habit, growth, and distinct shade of color. 25 cents each, except where prices given. Larger plants, 30 to 50 cents.


FRAGARIA.


FUCHSIA.


GERANIUM-Zonales.

Fuehaia, Lwstre. Scarlet corolla, blush sepals.
"Pearl of England. Cherry red corolla, rosywhite sepals.
" Rese of Castile. Violet corolla, blush-pink sepals.
" Moy Qseen. Blush sepals, scarlet corolla.
" sposiosa. Corolla scarlct, sepals blush.
" "nampion of the World. (New.) Dwarf, very tree-blooming, double variety, with scarlet tube and sepals, vielet corolla. Best Fuchsia out. 30 cente.
4. Cadden Fleece. Foliage golden yellow; free, early bloomer.
" Sorag. Beautiful, tri-colored variety; great movelty. 30 cents.


## GERANIUM-DOUBLE.

Single.
Geranium, Zonale. Scarcely rivaled as bedders of the surest growth on all soils, succeeding to perfection during the heat and drought of Summer; of rich, massive, and often gay-zoned foliage; compact growth, and profuse, constant, brilliant bloom in scarlet, crimson, salman, and whim; they are especially valuable and beautiful for Winter-blooming in the house. 25 cents. Geranium, Glorie de Corbenay. Salmon-pink.
"Delight. Rose.
" Mad. Muzzard. Magenta.
"Herry King. Intense scarlet, small white eye.
"Nargimetta. White, pink eye and border.
"Master Ckristize. Rich pink.
" Kate Nicholson. Rosy-pink.
" Brideamaid. Rosy-salmon.
" Cenorad Grant. Scarlet; very large truas.
" MMrs. Lase. Crimson, splashed with pink.
"Cen. Sott. Salran.
st Btcolor. White, deep sadmon eye.

Geranium, Emily Vaucher. White.
"Queen of the West. Rosy-scarlet.
"Col. Holder. Extra large truss; crimson-scarlet.
"Duckess of Sutherlamd. Scarlet, white eye.
" Dassler. Intense scarlet, white eye.
" Helen Dick. Pink and white.


Happy Thought.
Geranium, Double. A beautiful selection of this well known plant, producing double flowers, and cultivated as easily as the single varieties. They are freeblooming, and remain a long time in perfection, and are useful in a variety of ways, where the single ones are not. 25 cents each; $\$ 2.50$ per dozen.
Geranium, 7. G. Waggoner. Rich crimson.
"Sylpkide. Rose.
" The Ghost. White.
"Mad. Boucharlataix. Intense scarlet.
"Asa Gray. Of all the double Geraniums, this is the most charming. The flowers are of a bright salmon, a soft and mellow tint ; very compact in habit, and a profuse bloomer.
"Crown Prince. Light pink, white eye.
"St. Maria. Dazzling scarlet.
" Alice Crousse. Blush-white.
" Maria Crousse. Vermillion.
"William Pfitzer. Dwarf, scarlet.
"Aline Sisley. White, pink shade.
"Fewel. (New.) Trusses of good size, deep searlet in color. Each separate flower is regularly formed, resembling a miniature rose.
" Madame Lemoixe. Bright rosy-pink.
Geranium, veriegated. Bronze, gold and silver edged; most elegantly variegated in foliage; flowers pink, carmine and scarlet; as vigorous in growth as the plain-leaved varieties; admirable for centrast with other

colors ; partially shaded, they succeed as bedders. 25 cents each; \$2.50 per dozen, except where noted.
Geranium, Happy Thought. Entirely unlike any other variety in leaf markings. A large, yellow blotch in the center of each leaf, with an outer band of green at the margin; a good bedder.
"Distinction. The leaves are encircled near the edge with a very narrow zone of deep black. 50 cents each.

- Marshal McMIahon. Ground color of the leaves golden yellow, marked with a deep chocolate ring; stands the sun well when planted out.
" Crystal Palace Gem. Golden and green.
"Bronse King. Bronze and yellow.
" Cloth of Gold. Yellow and green.
"Italia Unita. Carmine zone, white edge.
"Lady Collum. Style of Mrs. Pollock.
" Mrs. Pollock. Best tricolored variety.
"Mountain of Snow. White margined, scarlet flowers.
" Golden Crowur. Light yellow.


## SCENTED GERANIUMS.

25 cents each.
Mor. Taylor. Scarlet flowers. Rose. Apple. Nutmeg. Pinnatifidum. Ponnyroyal. Bridal Ring.
Lady Plymouth. Rose scented: silver-edged.
Geranium, Ivy Leaved. The value of this selection is greatly enhanced by the beauty and profusion of its flowers during the Spring and Summer months, varying from white to pink. They are well adapted for rock work or vases ; for drooping over baskets, or on trellis, they are unsurpassed; but few plants give more satisfaction for home culture. 25 cents; $\$ 2.50$ per dozen. Geranium, Diadem. L'Elegante var.
"Variegatum. Golden, variegated foliage.
" Lady Edith. Flowers crimson and purple.
"Duke of Edinburgh. Leaves marginated white.
Heliotrope. No plant succeeds better for Summerflowering; is equally well adapted for green-house blooming in Winter; being constantly in bloom, it is a general favorite, on account of its delightful fragrance. Dark varieties 25 cents each.

Heliotrope, Mad. Blernny. White. 50 cents.
Hibiscus, Double. Rosy-crimson. 25 cents.
Cooperii. Foliage variegated white, green and pink. 25 cents.

Higensia, Rochilla. Esteemed for its rich, velvety foliage, which is deeply ribbed. 25 cents.

Hydrangea, faponica variegata. The leaves are deep green, marked with pure white. 50 cents.

Hydrangea, Hortensis. The old, hardy variety of great merit; flowers pink, changing to bluish-white. 25 cents.

Hydrangea, Thos. Hogg. (New.) White. One of the best. 30 to 50 cents.


HELIOTROPE. $\}$
Hoya, carnosa. (Wax Plant.) Delicate, waxy, star-shaped flowers. 50 cents to $\$ 1.00$.

Ipomea, Noctiphyton. (Evening Glory.) A rapid growing plant of the Convolvulus family, with pure white, moon-like flowers, six inches in diameter, which open at night. 30 cents.

Ivies, plain and variegated, best varioties, 25 to 50 cents.

Ivy, German. Rapid-growing climber, for trellis or baskets. 25 cents.


LANTANA.
Jassamine, grandiflorum. A valuable Winter blooming plant, either for parlor or green-house. Flowers pure white and very fragrant. 25 cents.


Jassamine, night-blooming. A shrubby plant of easy culture. The flowers are of a pale yellow color, and exceedingly fragrant, its delicate perfume being perceptible only at night. 25 cents.
Jassamine, Cape. (Gardenia Florida.) Flowers pure white, and exceedingly fragrant. 30 to 50 cents.
Lantana. Valuable plants for bedding out; of the most delicate colors ; white, rose, orange, lilac and yellow. 25 cents.

Lobelia, speciosa. A valuable plant for ribbon lines or baskets. 20 cents.
Mahernia, odorata. A neat-growing, green-house plant, blooming in the early Sprıng. Flowers yellow, bell-shaped, and of exquisite fragrance. 25 cents.


Mesembryanthemum, cardifolium variegatum. (Variegated Ice Plant.) Exceedingly valuable for baskets or vases, as its succulent character enables it to stand our hot and dry weather admirably. The starlike, purple flowers contrast finely with the creamy white foliage. 25 cents.

Mesembryanthemum, grandiflorum. Very showy; pink and white. 25 cents.

Marantas. Beautiful, ornamental foliage. They require a good deal of heat. New sorts. 25 cts to $\$ 2.00$.

Mikania, violacea. A climbing or creeping plant; very striking; foliage of a purple-green; very showy for baskets or vases. 25 cents.

Myrtus, communis. (Myrtle.) Double, whiteflowering. 25 cents.

Myrtle, White Crape. Hardy in the South, but should be kept from the frost in the North. It is a shrub, and produces wonderously beautiful flowers. $50 c$.

Nerium, (Oleander.) Double rose. 25 to 50 cents.
Nerium, (Oleander.) Single white. 25 cents to $\$ 1.00$
Oxalis. Pink and white. 25 cents.
Othonna, crassifolia. Small, tassel-like flower; fine for vases and baskets. 25 cents.

Palms. For decorative purposes, the Palm stands unrivaled, imparting a rich, tropical appearance wherever used. They are growing so rapidly in popularity, that no entertainment of importance is now given witheut a tasteful array of Palms can be found among the decorations.
Palm, Chamarops, Humilis. \$1.00 to \$3.00.


OXALIS.
Palm, Chamarops, Excelsa. \$1.00 to \$3.00.
" ". Fortunei. \$1.00 to \$3.00.
" Seafortia Elegans. \$3.00 to \$10.00.
"Lantania Borbonica. \$1.00 to \$3.00.
" Pandanus Utilis. 50 cents to $\$ 3.00$.
"Curculigo Recurolata. \$1.00 to \$5.00.


Passiflora, trefisriata. (Variegated Passiose Flower.) A free-growing climber, with tri-lobed, dark green blossoms. 25 cents.

Passiflora, pfordtii. Very free, hardy dimber; bluish-purple flowers. 25 cents.

Peperomia, verschaffelti. Leaves marked with frosted white or silvery stripes. Splendid for Wardian Cases. 25 cents.

Peperomia, maculosa. Bright green, veined with white. 25 cents.



PRIMULA-Double.
Peperomia, Resedaflora. This plant bears tiny spikes of white flowers; very fine for button-hole bouquets. 25 cents.

Peristhorpa, Augustifolia var. A beautiful, variegated plant, yellow and green; for baskets. 25 cts.

Pilea, (Artillery Plant.) 25 cents.
Pink. White fringed, hardy. 25 cents.
Pomegranate, Dwarf. (Punica nana. This variety has the peculiarity of blooming when quite small. The flower is a rich shade of orange scarlet; a rare color. 25 cents.

Primrose, hardy. Double white. 25 cents.
Primula, Chinensis. Best varieties. 25 cents. Double white. 50 cents.


PRIMULA PLANT.
Richardia, alba maculata. A variety of Calla; leaves spotted with white. 25 cents.

Rivina, humilis. A plant of slender growth; branches covered with red berries. 25 cents.

Rosmarinus, Officinalis. (Rosemary.) 25 cents.

Roses. Our stock of Roses this season is very fine, both for mailing and sending by express. Those offered as large plants have been bedded out, or grown in pots the past season, and wintered in cold-frame; they can be planted out in the Spring with little or no risk. The Rose requires high culture ; it should be planted in good, well drained soil; the ground can scarcely be made too rich. The pruning required will vary with the sorts planted, the rank-growing requiring less pruning than the weak ones. The points particularly to be observed are to prune before the buds start in Spring, to cut out all unripe or old and feeble shoots, and to cut back the last season's growth to from one-half to two-thirds its length, according to the vigor of the sorts, as indicated. Winter protection of tender sorts is accomplished by covering after a few severe frosts, with leaves, straw, evergreen boughs, or earth, or by removing the plants to a cool cellar. With a little care of this kind, the choicest tender Roses may be safely wintered, and as they are we only really perpetual Roses, they are abundantly worth the extra care. The insects most commonly injurious to the Rose-as the Aphas, which appear in great numbers upon the young, growing shoots, and the Thrips, which prey upon the under side of the leaf, giving it a sickly, yellowish look-may easily be destroyed by syringing or dipping the plants in tobacco water. Purchasers will do better by allowing us some latitude in making selections, not only getting better plants, but greater distinction of variety.


Hybrid Perpetual, Hardy.
Roses, Hybrid Perpetual, hardy. These bloom two or three times during the season. Bedding plants 20 cents each; $\$ 2.00$ per dozen, except where noted. Large plants 35 to 50 cents each. Baron Provost. Deep rose; large. Claude Million. Crimson.
Duplessis Morny. Carmine-crimson.
Gen. Washington. Scarlet-crimson.
Gen. Facqueminot. Brilliant crimson.
Duc de Rohn. Vermillion-red.
Louis d'Argens. Blush to white.
La France. Silvery white and rose.
Lord Raglan. Fiery crimson.
Mad. Plantier. Clear white.
Napoleon III. Violet-crimson.
Pierre Notting. Dark red.
Reine des Belges. Carmine.
La Reine. Glossy.


TEA.
Roses, Tea, Bengal and Bourbon, monthly. These are admirably adapted for bedding out or pot culture ; can be wintered in cold-frames or cool, dry cellars. No place should be without them. Bedding plants 20 cents each; $\$ 2.00$ per dozen, and large plants 35 to 50 cents each, except where noted.
American Banner, (the new striped Tea Rose.) The latest novelty in Roses. This variety was introduced two years ago, and sold at from $\$ 4.50$ to $\$ 6.00$ per plant. It is certainly one of the greatest acquisitions of the age. It holds its markings perfectly, is a very


BOURBON.
free bloomer, and possesses the fragrance of the Bon Silene, than which there can be nothing more delicious. Small plants $\$ \mathrm{r} .50$ to $\$ 2.00$ each.
Agripina. Velvety-crimson.
Bella. White.
Bon Silene. Purplish-carmine.
Cornelia Cook. One of the best grown; buds of immense size, tea scented, almost white. 30 cents.
Douglas. Rich crimson, entirely distinct in color.
Duckess de Brabant. Light pink.
Duchess of Edinburgh. Large buds, deep crimson, tea scented. 30 cents.
Five Col. Banksia. White, yellow, rose, and striped. Gigantic. Flesh color.
Hermosa. Pink.
Isabella Sprunt. Canary yellow.
Lady Hamilton. Rosy pink.
La Pactole. Lemon yellow.
Lawrenciana. Small, rosy pink.
Leveson Gower. Rosy-salmon.
Mad. Lacharme. . Blush.
Mad. Margattin. Yellow and rose.
Mad. Ristori. Blush.
Mad. Vatry. Carmine-rose.
Maria Sisley. White and rose.
Niphetos. Without doubt one of the best white Roses grown; buds large and full, and a free bloomer. 30 cents.
Pauline Labante. Salmon-rose.
Pink Daily. Pink.
Safrano. Buff.
Souv. de la Malmaison. Flesh color.
Sulphurea. Sulphur-white.
Viridiflora. Green.
White Daily. White.
Yellow Tea. Buds nicely shaped; a yellow tint ; one of the best for Summer planting. 30 cents.
Roses, Noisette, or Climbing, monthly. These are tender, and should be protected in Winter; they are mostly fragrant, and are well adapted to verandas, \&C. Bedding plants 20 cents each; \$2.00 per dozen.
Amie Vibert. White.
Caroline Manais. Blush white.
Glorie d'Dijon. Salmon.
La Marque. Straw color.
Marshal Neil. Yellow.
Setina. Rose.
Solfatarre. Saffron yellow.
Woodland Marguerette. White.
Roses, Hardy Moss. Bedding plants 30 cents each;
\$2.50 per dozen. Large plants 75 cents to $\$ \mathrm{r} .50$.


## CLIMBING MONTHLY

Countess Maurranis. White.
Mrs. Lobb. Crimson-purple.
Princess Adelaide. Rose.
Perpetual White. Best white.
Salet. Rich rose.
Roses, Hardy Climbing. Bedding plants 20 cents each; \$2.00 per dozen, except where prices given.
Baltimore Belle. White and blush.
Gem of the Prairie. Good climber; blooms in clus-
ters. 30 cents each.
Queen of the Prairie.
Seven Sisters. Rose.
Triumph. Deep rose.
Salvia, splendens. Flower spike of the most intense scarlet ; ever-blooming. 25 cents.
" rosea. Pink flowers. 25 cents.
" marmorata nana. A neat, dwarf variety; flowers evenly marbled, scarlet and white; very striking. 25 cents.
Saxifraga, sarmentosa. Basket plant. 20 cents.
Sedum, carnia var. White striped foliage. 25 cts.


SALVIA-Splendens.



SOLANUM.
Sedum, Sieboldiivar. Leaves marginated with yellow. 25 cents.

Senecio, Macroylossis. (Nez German Ivy.) A new variety of this popular plant, which will become much more valued than the old sort. It resembles the En-
glish Ivy to such a degree that it is of mistaken for it. It is a vigorous grower. Splendid for vases and baskêts. 25 cents.

Smilax, Myrsiphyllum asparagoides. There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage. Its peculiar, wavy formation renders it one of the most valuable plants for vases or baskets; can be trained to climb, or allowed to droop, as required ; in cut flowers, it is now considered indispensable by all florists ; its hard texture enables it to keep several days after being cut, without wilting. For a parlor or window plant, it is indispensable. 20 to 50 cents.

Solanum, jasminoides variegated. 25 cents.
" fol.var. Dwarf varieties. 25 cents.
Thyme, golden lemon. Leaves marginated yellow. 15 cents.

Vinca, elegantissima. Evergreen creeper, creamywhite marking. 25 cents.

Violet. Hardy, double, sweet-scented varieties; blue and white. Is cents.

Violet, Belle de Chantenay. New, double white. The blossoms are immensely large, pure white, and very fragrant. Treat same as other varieties. 30 cents.

## RETAIL PRICE LIST <br> OF SEASONABLE SEEDS FOR AUTUMN PLANTING.

The following list of Seeds are suitable for sowing during the Summer and Autumn months, and will be sent by mail or express, free of charges, on receipt of money, except articles quoted by the bushel, which will be sent by freight or express, the purchaser paying charges :

Heavy face denotes a superior variety.



ONION. The practice of sowing Onions in the Autumn is becoming somewhat prevalent, and in the Middle and Southern States has proved quite successful, but in the extreme Northern States we cannot recommend its adoption. In the South, it is practicable to sow the seed late, from which a good bottom set is obtained for use in the Spring. With market gardeners, it is an object to obtain good sized early Onions in advance of those produced from seed, and the bottom sets so obtained are what is wanted.

| ONION, ContinuedExtra Early Red. | Pkt. <br> 10 | $\begin{gathered} \mathrm{Oz} \\ 35 \end{gathered}$ | $\begin{gathered} 2 \mathrm{Oz} . \\ 60 \end{gathered}$ | $\begin{gathered} 1 / 4 \mathrm{Lb} . \\ \mathrm{I} \propto \end{gathered}$ | Lb. 3 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Early Red Globe. | 10 | 40 | 75 | 125 | 400 |
| Large Red Wethersfield. | 5 | 25 | 40 | 75 | 225 |
| Large Red Wethersfield, extra. our own growth. heavy seed. | 5 | 25 | 40 | 75 | 250 |
| Large Yellow...... . . . . . . . . . . . . . . . . . . |  | 35 | 60 | 100 | 350 |
| Yellow Danvers |  | 40 | 75 | 125 | 400 |
| Yellow Globe Danvers, extra, our own growth, heavy seed. | 5 | 45 | 75 | 125 | 450 |
| White Portugal | 5 | 35 | 60 | $1 \times$ | 350 |
| White Globe. |  | 40 | 75 | 125 | 400 |
| El Paso, or Large Mexican |  | 55 | 100 | I 75 | 550 |
| imported varieties. |  |  |  |  |  |
| White Silver Skin, for pickling |  | 20 | 35 | 60 | 20 |
| New Giant Rocca, of Naples | 10 | 40 | 75 | 125 | 400 |
| New Neapolitan Marzegole |  | 40 | 75 | 125 | 400 |
| Giant White Italian Tripoli. | 10 | 40 | 75 | 125 |  |
| New Queen, true, best keeper. |  | 55 | 10 | I 75 | 550 |
| RADISH, for Autumn, sow in August ; for Winter, in September- |  |  |  |  |  |
| Early Long Scarlet, Short Top, improved. . ............. ... | 5 | 10 | 15 | 25 | 75 |
| Early Long Scarlet, Short Top, French Seed | 5 | 10 | 15 | 25 |  |
| Early Long Scarlet. | 5 | 10 | 15 | 25 | 75 |
| Wood's Early Frame | 5 | то | 15 | 25 |  |
| Early Scarlet, Turnip-Rooted. English seed. | 5 | 10 | 15 | 25 | 75 |
| Early Scarlet, Turnip-Rooted, French seed | 5 | 10 | 15 | 25 |  |
| Early Scarlet Turnip, White Tipped new |  | 15 | 25 | 40 |  |
| Early White, Turnip-Rooted, English Seed. | 5 | 10 | 15 | 25 | 75 |
| Early White, Turnip-Rooted, French Seed. | 5 | 10 | 15 | 25 |  |
| Early Yellow Summer, Turnip-Rooted. |  | 10 | 15 | 25 |  |
| Grey Summer. Turnip-Rooted.... |  | 10 | 15 | 25 | $1 \infty$ |
| Early Rose, Olive-Shaped, English seed | 5 | 10 | 15 | 25 |  |
| Early Rose, Olive-Shaped, French seed. | 5 | 15 | 25 | 40 |  |
| New French Breakfast, English seed.. | 5 | 10 | 15 | 25 | $\infty$ |
| New French Breakfast, French seed. | 5 | 15 | 25 | 40 | 125 |
| D. M. F. \& Co's Perpetual Market |  | 20 | 35 | 60 | 20 |
| Long White Naples.... ......... winter varieties. |  | 10 | 15 | 25 | $1 \infty$ |
| Scarlet China, English seed |  | 15 | 20 | 40 | 125 |
| Scarlet China, French seed. |  | 15 | 25 | 40 | 150 |
| White China | 10 | 15 | 25 | 40 | I 25 |
| Long Black Spanish |  | 10 | 15 | 25 | 75 |
| Long White Spanish |  | 15 | 25 | 40 | 125 |
| California Mammoth White China....... |  | 15 | 25 | 40 | 150 |
| SPINAGE, sow during August and September- |  |  |  |  |  |
| Round Summer. |  | 10 | 15 | 20 | 50 |
| Improved Thick-Leaved |  | 10 | 15 | 25 | 75 |
| Savoy-Leaved. | 5 | 10 | 15 | 25 | 75 |
| Prickly Winter. | 5 | 10 | 15 | 20 | 50 |

TURNIP. In our Northern climate, Ruta Bagas. or Swedes, are sown from about the 20 th of June till the 15 th of July, requiring a longer season to mature than Turnips which are sown from the middle of July to the last of August. In the Southern States, they can be sown much later. as they remain green all Winter, and will endure considerable frost. Two pounds of seed broadcast, or one pound in drills, is about the quantity to sow per acre. Drill sowing is much to be preferred-
$\qquad$
White Egg
Early White Stone
Oz
Jersey Nave
Early White Flat Dutch.
Early White Flat Dutch, Strap-Leave
Early Purple Top, Strap-Leaved
Early Purple Top, Strap-Leaved, improved
Cow Horn, or Long White.......
Large White Flat Norfolk.
Large Red Top Flat Norfolk
Pomeranean White Globe. .............
Pomeranean White Glabe, Strap-Leaved
Purple Top White Globe.

2 Oz . $1 / 4 \mathrm{Lb}$.
Lb.

YELLOW FLESHED SORTS.
Early Yellow Finland............................................................. 5
Early Yellow Malta.
. 5
$5 \quad 25$

I 0


## HARDY FLOWER SEEDS FOR AUTUMN PLANTING.

There are quite a large number of hardy Annual as well as Perennial Flower Seeds that should be planted in the Autumn. The Perennials should be planted early enough to make good, strong plants which will be able to withstand the severty of the Northern Winters, while the Annuals will do better if planted late enough to have the seed remain in the ground through the Winter, coming up early in the Spring. The figures opposite the variety denote the price per packet of seeds.

| 0 | is alba............ 10 | , Imperialis. |
| :---: | :---: | :---: |
| Alyssum, saxatile .. . . ... 5 | Lamarckiana ... . . . . . . . . . 5 | Prince Bismarck. . ........ 50 |
| Campanula single, mixed .... 5 | Peas, perennial. white . . . . . . . . . . 15 | xtra choice mixed. . ........ 15 |
| Candytuft, perennial. .... ro |  | ne mixed . . . . . . . . . . . . . 10 |
| Columbine, double, mixed . . ...ro | Pansy, copper-colored. . . . . . . . . . . 15 | Phlox, perennial, finest mixed. .... 15 |
| ". variegated foliage .. ... 15 | " Emperor William............. 15 | Pink, double Japan. |
| Foxglozie. mixed . . . . 5 | .. large stained . . . . . . . . . . . . . . . 5 | " double Diade |
| "Ivery's new spotted. | Odier. ................... 5 | Imp |
| Hollyhock, mixed double. . . . . so | varıegated. . . . . . . . . . . . . . . . . 15 | Heddewig's do |
| Chater's finest double. ...... 15 | white. . . .................... 15 | Eastern Queen . . . . . . . . . . . . 25 |
| Laskspur Bee ... ............. 5 | bronze, eyed................... 15 | * Crimson Belle. . . . . . . . . . . . 25 |
| " double whit | purple, white-edged. ........ 15 | Snapdragon, finest mixed......... 5 |
| " fine blue. . . . . . . . . . . . . . . . . 5 | sky blue. . . . . . . . . . . . . . . . . . 15 | Sweet William, mixed double....ro |
| , Hendersoni | fawn colored. . . . . . . . . . . . . . $1_{5}$ | .. mixed single. |
| Lily of the Valle | gold margined............... 15 | pure whit |
| Lobelia. Cardınalis................. 10 | " marbled. . . . . . . . . . . . . . . . . . 15 |  |
| Lychnis, Chalcedonica .......... 5 | " mahogany colored........... 15 | rfecti |
| Sieboldir. .. . ........... 5 | Beauty of St. Osyth. ........ 15 | Carter's Harlequ |
| * grandiflora gigantea..... . . . 10 | 12 papers selected from above | Tree Cypress, Ipomopsis.......... 5 |
| Mignonette, large-flowered...... . 5 | sorts . . . . . . . . . . . . . . . 150 | Violet, double white...............Ic |

## SEEDS DESIGNED FOR GREEN-HOUSE.

The following list of Flower Seeds will all do well in Green- ${ }^{r}$ ouse, and can be planted any season of the year that will best suit the florist. If planted in the Autumn, a large proportion will furnish bloom in the Winter, when cut flowers are in such demand. Some of the varieties would do well as tender annuals in the open ground in the Spring:




THE LANGUAGE OF FLOWERS.-A neat little work of 120 pages, printed in fine style, on beautifully tinted paper, and contains several fine engravings. It not only gives the Language, but the Poetry of flowers, and clear and practical suggestions in reference to Floral Decoration and Floral Conversation. It is so arranged that the common or botanical name of the flower may be referred to. This work should be in the possession of every lover of flowers. Price, by mail, post paid, bound in paper, 25 cents; bound in cloth, 50 cents.

INSECTS ON FLOWERS AND HOUSE-PLANTS, AND HOW TO DESTROY THEM.-This is a valuable little book of directions to window gardeners and lovers of flowers teaching how to destroy Insects on their Plants, both out-doors and in-doors. It tells how to fertilize and stimulate plants, the experiences of cultivators in keeping their plants healthy. Among the topics are these: "Red Spider," "Aphis," "Green Fly," "Worms in Pots," "Rose Slugs," "Rose Bugs," "Snails," "Caterpillars," "How to Destroy Insects on Garden, Fruit Trees, and Vegetables," etc. It is exceedingly valuable also to housekeepers, as it tells all about "Ants" and all "House Bugs." Price, 30 cents, by ma1, post paid.

GUY'S GERMAN PLANT FOOD, for Flowers, Foliage Plants, Palms, Ferns, Bulbs, Ecc. Composed of nitrogen, ammonia, and other chemicals essential to the growth of plants, producing a luxuriant growth and generous blooming. Plants fed with it are not of ten troubled with insects. Put up in wooden boxes, with full directions for use.



## HYACINTH GLASSES.

UPRIGET PATTERN.


TYE'S PATTERN.




## "PERFECTION." REVOLVING LAWN AND GARDEN SPRINKLER.

The "Perfection" is warranted by the inventors to accomplish as much as any Sprinkler in the market at the same pressure, and its superiority is shown by its simplicity, ease with which it can be cleared of any obstructions, effectiveness while working int a strong wind; also the circle watered can be reduced to any desired size, by turning the supply partly off.

By its simple construction, it can be used on hill-side or terrace.
In connection with a force pump, it can be used with good effect in Green-Houses, Hot-Beds, etc.

The bearings and working parts are made of brass, and it is complete in itself; has only to be screwed to the hose, and the pin stuck in the ground to be used.

Sent, postage paid, on receipt of the price, \$I. 25 .

## EXCELSIOR WEEDING HOOKS.

For weeding Flower Beds or Vegetable Gardens, it cannot be excelled; will repay itself in one day's use. Price, 30 cents, by mail, prepaid.

TIN FOIL.-Best American ; for lining wire designs or baskets, and wrapping around the handles of bouquets. Price, per pound, prepaid by mail or ex-
 press, 50 cents.

TROWELS.-By mail, prepaid, common garden, each, 35 cents ; best steel, 50 cents.
WHALE OIL SOAP. - For destroying insects on plants. In using, dissolve in water and sprinkle or syringe the plants, being careful not to use it too strong. Per pound, by mail, prepaid, 35 cents.

## A VALUABLE INVENTION. THE IMPPOVED ADJUSTABLE COMPOUND MICROSCOPE.



Patented December 25th, 1877.
Cut No. r-Represents the Microscope, one-half size, open-the dotted lines showing the lateral position of focus.
Cut No. 2-Represents the Microscope closed, ready for placing in the pocket, or for shipping.
The best thing for its various purposes, ever presented to the American public. This novel Microscope may be applied to manifold practical uses, for the daily convenience of Lawyers, Bankers, Brokers, Mineralogists, Miners, Botanists, Entomologists, Students in Natural History ; Cloth, Silk or Woolen Purchasers; Gunsmiths, Machinists, Quartz Provers, Gold and Silver Ore Handlers,
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