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JOSEPH BRECK & SONS

• GARDEN •
• FIELD •

AND
FLOWER SEEDS

• ESTABLISHED 1822 •

J.S. CONANT & CO.

\$75.00 PREMIUM.

BUXTON'S YELLOW DANVERS ONION.

The above cut gives an excellent idea of this very popular variety, originated by DANIEL BUXTON, of Danvers, Mass. This onion has gained a world-wide reputation, and is today our leading market variety.

The *Onion* being a very important crop, market gardeners and others planting a small or large area of land, should be careful and procure *seed* known to be *true*, and *growth of* 1882.

We take considerable pleasure and pride in informing our customers that our Onion Seed Stock was grown by Mr. BUXTON, the originator of the celebrated variety known by his name, two years ago. This stock was then planted on our own farm, and produced the onions which we planted this past season, and we now have to offer a limited quantity of the seed, which is unsurpassed in quality and productiveness, having produced on one measured acre of land, 1154 bushels.

Many of our customers who plant onions, have never planted the seed of this superior strain and to induce them to do so, we offer the above premium to the one producing the largest number of bushels on one measured acre of land, from seed purchased of us, the amount so produced to be sworn to before a *Justice of the Peace* residing in the town where the onions are grown, and witnessed by two citizens, the sworn certificate to be forwarded to us by November 20, 1883.

Hon. Marshall P. Wilder, president of the *American Pomological Society* and ex-president of the *Massachusetts Horticultural Society*, has kindly consented to decide to whom the prize shall be awarded, and will do so on or before November 25th, 1883.

Price, \$2.00 per lb., post-paid.

—ESTABLISHED 1822.—

ANNUAL
DESCRIPTIVE CATALOGUE

OF

SEEDS, & C.

FEBRUARY 1ST, 1883.

JOSEPH BRECK & SONS,

IMPORTERS, GROWERS AND DEALERS IN

Vegetable, Field, Grass & Flower Seeds, &c.

New England Agricultural Warehouse,

51, 52 & 53 NORTH MARKET ST.,

BOSTON, MASS., U. S. A.

DOUBLE BRANCHING LARKSPUR.

See Delphinium, Page 9.

The above is included in our 25 varieties of choice Annual Flower Seeds for \$1.00.

(See Colored Plate)

TO OUR CUSTOMERS.

IN presenting this, our sixty-first Annual Catalogue, we take this opportunity to thank our patrons for the generous patronage and many favors they have bestowed on us in the past. Their liberal orders, their numerous letters of commendation, (not forgetting the words kindly spoken to neighbors and friends, whereby they too have been induced to intrust us with their orders), have all tended to encourage us in our business.

By giving our strict personal attention to every detail of our business, we hope to merit many kind impressions in the future ; and if the reader has not in the past been numbered with our customers, we hope this year you will favor us with at least a trial order, and we promise you that it will be filled to your entire satisfaction.

IMPORTANT NOTICE.

We offer our Seeds with the full assurance that they are *true and reliable*, and we shall never allow any to be sent out from our establishment unless known to be of the *very first quality*. Such kinds as do not produce seeds well in this country we import from reliable growers in England, France and Germany. Such of them as are raised in this country are *grown by ourselves* or by growers in whom we have implicit confidence.

SEEDS BY MAIL.

All Seeds ordered at ounce and packet rates to be forwarded by mail, will be sent free of charge for postage on receipt of catalogue prices, excepting for Beans, Corn and Peas, to prices of which charges for postage must be added at the rate of 15 cents per pint, or 25 cents per quart. This arrangement enables customers living in distant parts of the country to procure *fresh and reliable Seeds* at the same prices as those living but a short distance from our city.

REMITTANCES

may be made by a *Post Office Money Order, Draft*, or by *Cash* enclosed in a *Registered Letter*. Small amounts may be sent in the equivalent amount of Postage Stamps.

Parties ordering Seeds should be very particular to write the address to whom they are to be sent, *clearly and in full*, giving *first* the name of the party, then the town or city, and then the county and state. The mode of conveyance should be clearly written, whether by *mail, steamer, sailing vessel, railroad or express*.

BAGS.

When bags are required for packing Seeds, the following rates will be charged :

2 bushel 25 cents.

1 " 20 "

$\frac{1}{2}$ bushel 15 cents.

$\frac{1}{4}$ " 10 "

VICTORIA ASTER.

AGROSTIS NEBULOSA.

SELECT FLOWER SEEDS.

The following portion of our Catalogue devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

KEY TO COLUMNS.

The first column contains the name of flower.

The second " " hardness and duration.

The third " " height in feet.

The fourth " " color of flower.

The fifth column contains price per ounce.

The sixth " " price per packet.

The seventh " " general observations.

KEY TO ABBREVIATIONS.

COLOR OF FLOWERS.

b., blue.
bld., blood.
blk., black.
br., brown.
buff., buff.
car., carmine.
cr., crimson.

dk., dark.
dp., deep.
gr., green.
lav., lavender.
lf., leaf.
lt., light.
mar., maroon.

mve., mauve.
mxd., mixed.
or., orange.
pur., purple.
rose, rose.
rd., red.
scar., scarlet.

spot., spotted.
stri., striped.
sul., sulphur.
var., variegated.
ver., vermillion.
wht., white.
yel., yellow.

HARDINESS AND DURATION.

A.—Annual, lasting one year.

B.—Biennial, lasting two years.

P.—Perennial, lasting three or more years.

ev., evergreen.

g., greenhouse.

h., hardy.

h.h., half-hardy.

sh., shrub.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	1.00	10	Abobra.—A beautiful variety of climbing Gourd, with elegant foliage.
Abronia umbellata.....	hhA	½	rose.	.80	5	Abronia.—Trailing Verbena like flowers.
Aconitum napellus.....	hP	2	blue & w	..	5	Aconitum.—Monkshood.
Acroclium roseum.....	hhA	1	rose.	.60	5	Acroclium.—Pretty everlasting flowers; should be cut before fully expanded.
Adlumia cirrhosa.....	hA	15	white.	.60	5	Adlumia.—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
Adonis aestivalis.....	"	1	pink.	1.50	10	Adonis.—Showy border flowers.
Adonis vernalis.....	P	1	scarlet.	.50	5	
African Rose.....	"	1	yellow.	.50	5	
Ageratum mexicanum.....	"	1	....	..	..	African Rose.—See Hibiscus.
Ageratum Imperial Dwarf.....	hA	1	blue.	.75	5	Ageratum.—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
Ageratum nanum.....	"	½	"	1.75	10	
Agrostemma Cœli Rosa.....	"	1	"	1.00	5	Agrostemma.—Rose Campion.
Agrostis nebulosa.....	"	1	rose.	.75	5	Agrostis.—Very fine for dried grasses
Alleghany Vine.....	..	..	....	..	..	Alleghany Vine.—See Adlumia.

ABOBRA.

BALSAM.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Alonsoa grandiflora</i>	hhA	1½	scarlet.	1.25	10	<i>Alonsoa</i> .—Very showy in blossom and of graceful habit; excellent for bedding.
<i>Alyssum maritimum</i> (sweet).....	hA	1	white.	.50	5	<i>Alyssum</i> .—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
" <i>saxatile compactum</i>	P	1	yellow.	.75	5	
" <i>Wierzebecki</i>	"	1	w. & y.	1.00	5	
<i>Amaranth</i>.....	"	"	....	"	"	<i>Amaranth</i> .—See <i>Gomphrena</i> .
<i>Amaranthus bicolor ruber</i>	hhA	3	var. lf.	.60	5	<i>A. Salicifolius</i> and <i>Henderi</i> form elegant pot plants for greenhouse or conservatory and are much used for bedding. <i>A. caudatus</i> is the well-known "Love lies bleeding." <i>A. cruentus</i> is better known as "Princess' Feather," <i>A. tricolor</i> as "Joseph's Coat" and <i>A. melan.</i> as "Nun's Whipping Post."
" <i>caudatus</i>	"	3	"	.60	5	
" <i>cruentus</i>	"	2	var. lf.	.60	5	
" <i>melancholicus ruber</i>	"	1	"	.60	5	
" <i>salicifolius</i>	3to 5	"	"	1.00	10	
" <i>Henderi</i> (new).....	"	4	"	.15	15	
" <i>tricolor</i>	"	2	"	.60	5	
<i>Amethyst</i>.....	"	"	....	"	"	<i>Amethyst</i> .—See <i>Browallia</i> .
<i>Ammobium alatum</i>	hA	2	white.	.60	5	<i>Ammobium</i> .—White everlasting flowers.
<i>Anagallis grandiflora</i> , <i>Eugenie</i>	hhA	1	b. & w.	2.00	10	<i>Anagallis</i> .—Poor Man's Weather Glass. Splendid for rock-work and borders.
" <i>Napoleon III.</i>	"	1	crimson.	2.00	10	
" <i>grandiflora</i> , fine mixed.....	"	1	mixed.	1.75	5	
<i>Anchusa angustifolia capensis</i>	hP	2	blue.	"	5	<i>Anchusa</i> .—Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
<i>Angelonia grandiflora</i>	hP	1½	sc. & w.	"	10	<i>Angelonia</i> .—Bright scarlet and white cup-shaped flowers.
<i>Animated Oat</i>.....	"	"	....	"	"	<i>Animated Oat</i> .—See <i>Avena</i> .
<i>Antirrhinum majus</i>	P	2	mixed.	.75	5	<i>Antirrhinum</i> .—Snapdragon. Will bloom first season.
" <i>nanum</i>	"	1	"	1.50	10	
" <i>majus nanum picturatum</i>.....	"	"	....	"	"	<i>Antirrhinum</i> .—See <i>Novelties</i> .
<i>Aquilegia</i> , Single.....	P	1½	mixed.	1.25	5	<i>Aquilegia</i> .—Columbine. Pretty and very desirable for early spring flowering.
" Double.....	"	1½	"	1.00	5	<i>Aquilegia cal. hyb.</i> —See <i>Novelties</i> .
" <i>californica hybrida</i>.....	"	"	....	"	"	<i>Aquilegia chrysantha</i> .—See <i>Novelties</i> .
" <i>chrysantha</i>.....	"	"	....	"	"	<i>A. cœrulea hyb.</i> —See <i>Novelties</i> .
" <i>cœrulea hybrida</i>.....	"	"	....	"	"	
<i>Arctotis brevicauda</i>	hhA	1½	orange.	"	10	<i>Arctotis</i> .—Large orange flowers with dark centre.
<i>Argemone Hunnemanni</i>	hA	2	car. & yel.	.60	5	<i>Argemone</i> .—Mexican Poppy.
<i>Artemesia gracilis</i>	"	4	....	.80	5	<i>Artemesia</i> .—Highly decorative foliage plant.
<i>Aristolochia Sipho</i>	hB	30	y. & br.	"	10	<i>Aristolochia</i> .—Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
<i>Asperula azurea setosa</i>	hA	1	blue.	.75	5	<i>Asperula</i> .—Very sweet scented flowers and profuse bloomer.
" <i>odorata</i>	hP	½	white.	1.50	10	
<i>Aster</i> , German quilled.....	hA	2	mixed.	1.00	5	<i>Aster</i> .—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's Paony-flowered and the New Washington <i>Asters</i> . The <i>La Superbe</i> varieties of the first-named are rightly termed, for in every respect they are truly super.
" <i>Betteridge's choice mixed</i> , quilled.....	"	2	white.	2.00	10	
" <i>German Globe-flowered</i>	"	2	mixed.	4.00	15	
" <i>Boltze's Dwarf Boquet</i>	"	2	"	2.00	5	
" <i>Dwarf Pyramidal Boquet</i>	"	¾	"	4.00	15	
" <i>Truffaut's Paony-fl'd Perfection</i>	"	1	"	5.00	10	
" <i>La Superbe</i>	"	2	rose.	"	25	
" ".....	"	2	sky b. & w.	"	25

BRIZA.

COBÆA.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	..	25	Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
" Imbricated Pompon.....	"	2	mixed.	4.00	15	
" Dwarf Chrysanthemum.....	"	1	"	5.00	15	
" Large Rose-flowered.....	"	2½	"	3.50	15	
" Cocardeau or Crown (wht. centre).....	"	2	various.	4.00	15	
" Emperor, Giant.....	"	2½	"	..	15	
" Victoria.....	"	1½	mixed.	..	15	
" " New Dwarf.....	"	¾	white.	..	25	
" Victoria.....	"	1½	w. tint. rose	6.00	25	
" New Washington, white.....	hA	2	white.	..	20	
" " peach-blossom.....	"	2	peach blos.	..	20	Avena — Animated Oats. Balloon Vine.—Love-in-a-puff; Climbing plant for house or garden. Balsams.—Our balsams have been selected with great care and we feel certain that they will please our customers. The Double Rose-flowered White Balsam is of unequalled purity and in great demand among florists. The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite. Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers. Begonia robusta perfecta rosea.—See Novelties. Begonia sempervirens rosea.—See Novelties. Bellis.—Double Daisy.—Very handsome spring flowering plant. Brachycome.—Swan River Daisy. Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Browallia Roezli.—See Novelties. Bryonopsis.—Climber, producing green fruit, which subsequently turns to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
" " sil. gray.....	"	2	sil. gray.	..	25	
" " w. tint. rose.....	"	2	w. tint. rose	..	25	
Avena sterilis.....	hA	2	....	.80	5	
Balloon Vine.....	hhA	5	white.	.80	5	
Balsam, Double Extra.....	hA	1½	mixed.	2.00	10	
" Double Rose flowered.....	"	2	"	2.00	10	
" Double Rose flowered, white.....	"	2	white.	..	10	
" Double Camellia flowered.....	hA	2	mixed.	2.00	10	
" New Carnation-striped.....	"	2	"	3.00	10	
" Double Solferino.....	"	2	w. spt., str.	2.00	10	Bartonia aurea..... Bean, Scarlet Runner.....per qt. " White..... Begonia Robusta Perfecta Rosea..... " Sempervirens Rosea..... Bellis Perennis, fl. pl..... " " "..... Brachycome iberidifolia..... " alba..... Briza compacta..... " maxima..... Bromus brizæ foris..... Browallia elata..... " alba..... Browallia Roezli..... Bryonopsis laciniosa erythiocarpa..... Cacalia coccinea..... " lutea..... Calampelis scabra..... Calandrina discolor..... " grandiflora..... " umbellata..... Calceolaria hybrida, large flowered..... " splend dwarf..... " rugosa, shrubby for bedding.....
" " w. sc. sp.....	"	2	deep bl. red	..	20	
" " atrosanguinea.....	"	2	yellow.	.50	5	
" " Victoria.....	"	2	scarlet.	.40	10	
Bartonia aurea.....	hA	1	white.	.40	10	
Bean, Scarlet Runner.....per qt.	"	15	....	..	..	
" White.....	"	15	....	..	..	
Begonia Robusta Perfecta Rosea.....	..	..	....	..	..	
" Sempervirens Rosea.....	..	..	....	..	..	
Bellis Perennis, fl. pl.....	hP	¾	mixed.	..	10	
" " ".....	"	¾	white.	..	10	Brachycome.—Swan River Daisy. Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Browallia Roezli.—See Novelties. Bryonopsis.—Climber, producing green fruit, which subsequently turns to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
Brachycome iberidifolia.....	hhA	1	blue.	1.00	5	
" alba.....	"	1	white.	1.00	5	
Briza compacta.....	hA	1	....	.80	5	
" maxima.....	"	1	....	.30	5	
Bromus brizæ foris.....	hP	1	....	.80	5	
Browallia elata.....	hhA	1½	blue.	1.30	10	
" alba.....	"	1½	white.	1.30	10	
Browallia Roezli.....	..	..	....	..	..	
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red.	1.25	10	
Cacalia coccinea.....	hA	1½	scarlet.	.80	5	Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
" lutea.....	"	1½	yellow.	.80	5	
Calampelis scabra.....	hhA	8	orange.	2.50	10	
Calandrina discolor.....	hA	1	rose.	1.00	5	
" grandiflora.....	"	1	rosy pink.	1.00	5	
" umbellata.....	"	¾	crim. violet.	2.00	10	
Calceolaria hybrida, large flowered.....	gP	2	mixed.	..	25	
" splend dwarf.....	"	1	"	..	25	
" rugosa, shrubby for bedding.....	"	2	"	..	25

COCKSCOMB.

LEFTOSIPHON.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Calendula pluvialis</i>	hA	1	w.b. und'th	.50	5	<i>Calendula</i> .—Cape Marigold.
<i>Calendula Officinalis</i> "Meteor".....	..	..	....	..	..	<i>Calendula Off. Meteor</i> .—See Novelties.
<i>California Poppy</i>.....	..	..	....	..	..	<i>California Poppy</i> .—See Eschscholtzia.
<i>Calliopsis Drummondii</i>	hA	1½	pur. & yel.	.50	5	<i>Calliopsis</i> .—Very showy and continues to bloom a long time.
" nana marmorata.....	"	1½	marbled.	.50	5	<i>C. Drummondii</i> is admirably adapted for borders.
" bicolor nana.....	"	1½	mixed.	1.00	5	<i>Callirhoe</i> .—Profuse bloomer, continuing throughout the season.
" nigra speciosa.....	"	3	dark red.	.75	5	<i>Campanula</i> .—Canterbury Bell, will bloom first year if sown early. <i>C. speculum</i> , Venus Looking Glass.
<i>Callirhoe pedata nana</i>	"	2	cr. & white	1.00	5	
" pedata.....	"	2	c. p., w. eye	1.00	10	
<i>Campanula medium</i> , single.....	hP	2	blue.	.90	5	
" ".....	"	2	white.	.90	5	
" ".....	"	2	mixed.	.75	5	
" Loreyi.....	hA	1	blue.	.75	10	
" speculum.....	"	½	blue.	.50	5	
" ".....	"	½	mixed.	.50	5	
<i>Canary Bird Vine</i>	hhA	10	yellow.	1.25	10	<i>Canary Bird Vine</i> .—See <i>Tropæolum canariense</i> .
<i>Candytuft</i>.....	..	..	....	..	..	<i>Candytuft</i> .—See <i>Iberis</i> .
<i>Canna</i>.....	..	..	....	..	..	<i>Canna</i> .—Indian Shot. <i>C. Nigricans</i> has very dark foliage. <i>C. Zebrina</i> has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
" Marechal Vaillant.....	hhP	4-6	orange.	.75	10	<i>Canterbury Bell</i> .—See <i>Campanula</i> .
" Gigantea Major.....	"	6-8	dark red.	.75	10	<i>Cardinal Flower</i> .—See <i>Lobelia</i> .
" Nigricans.....	"	3	red.	1.00	10	<i>Cardiospermum</i> .—See Balloon Vine.
" Warscewiczii.....	"	4	bril'nt red.	.75	10	<i>Carnation</i> .—See <i>Dianthus</i> .
" Zebrina.....	"	4	scarlet.	.75	10	<i>Castor Oil Bean</i> .—See <i>Ricinus</i> .
" Finest mixed.....	"	..	mixed.	.75	10	<i>Catchfly</i> .—See <i>Silene</i> .
<i>Canterbury Bell</i>.....	..	..	....	..	..	<i>Celosia</i> .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
<i>Cardinal Flower</i>.....	..	..	....	..	..	
<i>Cardiospermum Halicacabum</i>	hhA	5	white.	.80	5	<i>Centaurea</i> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. <i>C. moschata</i> .—Sweet Sultan. <i>C. cyanus</i> .—Bachelor's Button.
<i>Carnation</i>.....	..	..	....	..	..	<i>Cerinth</i> .—Honeywort.
<i>Castor Oil Bean</i>.....	..	..	....	..	..	
<i>Catchfly</i>.....	..	..	....	..	..	
<i>Celosia cristata nana</i>	hhA	1	crimson.	2.00	10	
" ".....	"	1	mixed.	2.00	5	
" pyramidalis, finest.....	"	3	scarlet.	2.00	5	
" japonica.....	"	2	scarlet.	2.00	10	
<i>Centaurea candidissima</i>	hhP	1	silver fol.	..	15	
" Clementei.....	"	¾	"	..	25	
" gymnocarpa.....	"	1½	"	..	15	
" moschata.....	hA	2	blue.	.90	5	
" alba.....	"	2	white.	.90	5	
" cyanus.....	"	2	mixed.	.90	5	
<i>Centranthus macrosiphon</i>	"	1½	red.	.60	5	
<i>Cerinth aspera</i>	"	1	yellow.	..	10	
" gymandra.....	"	1	yel. & br.	..	10	
<i>Chamæpeuce casabonæ</i>	hhP	1	orn. fol.	..	10	
" diacantha, very fine....	B	2	"	..	10	<i>Chamæpeuce casabonæ</i> .— Handsome Thistle-like foliage plants with dark green leaves, veined with white.
<i>Chenopodium, altissimum</i>	A	..	orn. leaf.	..	5	<i>Chenopodium</i> .—Crimson leaves, very ornamental, small flowers.
<i>Chrysanthemum, carinatum album</i>	hA	1	white.	1.00	5	<i>Chrysanthemum</i> .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
" " luteum.....	"	1	crimson.	..	5	<i>C. idicum pomponne</i> is very double, pure white and a constant bloomer; excellent for cut flowers.
" " purpureum.....	"	1	yellow.	1.00	5	
" " Burridgeanum.....	"	1	purple.	1.00	5	
" coronarium fl. pl.....	"	1	cr., w. c'tre.	..	5	
" ".....	"	2	dbl. yellow.	1.00	5	
" ".....	"	2	white.	1.00	5	
" idicum pomponne, d'l fl'd.....	hhP	2	white.	3.00	10	
<i>Cineraria hybrida</i> choice mixed.....	gP	2	various.	..	25	
" new dwarf.....	"	¾	"	..	25	
" acanthifolia.....	hP	2	silver fol.	4.00	15	<i>Cineraria</i> .—Beautiful compact flowering plants of crimson, magenta and purple colors. The last three catalogued sorts are silver leaved bedding plants, sometimes called "Dusty Miller."
" maritima.....	"	2	"	1.00	5	
" candidissima.....	"	2	"	3.00	15

LARKSPUR.

LOPHOSPERMUM.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Clarkia, best mixed.....	hA	1½	mixed.	.75	5	Clematis.—Fine climbing vines.
Clematis, fine mixed.....	hP	10	"	3.00	10	Clianthus.—Should be started early in order to prove most successful. Flowers dazzling scarlet and black.
Clianthus Dampieri.....	A	2	sc. & blk.	..	25	Clintonia.—Charming for hanging baskets, edgings and rockeries.
Clintonia elegans.....	hA	½	blue.	5.00	10	Cobæa.—To attain full growth should be started in pots. Very rapid climber.
Cobæa scandens.....	hhA	20	purple.	2.50	10	Coccinia.—Gourd family. Fruit scarlet.
Coccinia Indica.....	hhP	6	red.	2.00	10	Cockscomb.—See Celosia.
Cockscomb.....	..	..	....	..	..	Coix.—Job's Tears.
Coix lacryma.....	hA	1½	..	.50	5	Coleus.—New Hybrid colors.
Coleus (finest mixture).....	hhP	2	foliage.	..	25	Collinsia.—Purple, blue and white flowers; very pretty.
Collinsia.....	hA	1½	mixed.	.75	5	Columbine.—See Aquilegia.
Columbine.....	..	..	....	..	..	Commelina.—If started early will bloom first season.
Commelina cœlestis.....	hP	1½	blue.	1.00	5	Convolvulus Major.—Morning Glory, tall; C. Minor. Morning Glory, dwarf.
Convolvulus major.....	hhA	10	finest mix'd	20	5	C. Mauriticanus for hanging baskets.
" tricolor minor.....	"	1	"	.40	5	Coreopsis.—See Calliopsis.
" Mauritanicus.....	hP	..	blue.	2.00	15	Cosmanthus.—Flowers fringed and pretty, plant spreading.
Coreopsis.....	..	..	....	..	..	Cosmidium.—Flowers large and showy, similar to Coreopsis.
Cosmanthus fimbriatus.....	hA	1	lilac & w.	1.00	5	Crepis.—Hawk weed.
Cosmidium Burrigeanum.....	"	2	cr., br. & yel	1.00	5	Crucianella.—Excellent for rockeries, hanging baskets and vases.
Crepis.....	"	1	fine mixed.	.60	5	Cucumis.—Ornamental Cucumber. C. flexuosus.—Snake Cucumber, bearing fruit three feet long. C. dipsaceus.—Teasel-formed.
Crucianella stylosa.....	hP	1	pink.	1.00	5	Cucurbita.—Ornamental Gourd. C. leucantha depressa.—Green fruit. C. longissima.—Curious fruit 5 ft. long.
Cucumis.....	hhA	6	fine mixed.	1.00	10	Cuphea.—Excellent forcing variety for market.
" flexuosus.....	"	..	....	1.50	10	Cuphea Roezlii grandiflora superba.—See Novelties.
" dipsaceus (Teasel-formed).....	..	..	yellow.	1.50	10	Cyclamen.—Green house plants, very handsome bloomers.
Cucurbita.....	hhA	6	fine mixed.	1.00	10	Cypress Vine.—See Ipomœa Quamoclit.
" leucantha depressa.....	..	..	....	1.00	15	Dahlia.—Saved from the largest flowering and most double sorts.
" longissima.....	..	..	....	1.00	10	Daisy.—See Bellis.
Cuphea.....	hhP	1	s. & yel.	..	15	Delphinium cashmerianum. — See Novelties.
" Roezlii grandiflora superba.....	gS	3½	red.	..	50	D. Giant Hyacinth fl'd. See Novelties.
Cyclamen persicum.....	hhP	½	fine mixed.	..	50	D. nudicaule.—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
Cypress Vine.....	..	..	....	..	..	
Dahlia, double.....	hhP	..	finest mix'd	..	10	
Daisy, double.....	..	..	....	..	..	
Datura fastuosa, finest double.....	hA	3	mixed.	1.00	10	
Delphinium (Larkspur).....	..	..	....	..	..	
" double, dwarf rocket.....	hA	1½	"	.50	5	
" double branching.....	"	2	"	.75	10	
" Perennial sorts.....	hP	3-4	"	1.50	10	
" nudicaule.....	"	1½	scarlet.	6.00	15	
" elatum.....	"	5	mixed.	.75	5

LUPINUS.

MAURANDIA.

NAME.	Hardiness Duration.	Height, Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Delphinium formosum.....	hP	2	blue & wht.	1.50	10	Delphinium. The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
" Cashmerianum.....	"	"	....	..	..	
" Giant Hyacinth flowered	"	"	....	..	..	
Devil-in-a-bush.....	"	"		..	..	Devil-in-a-Bush.—See <i>Nigella hispanica</i> .
Diamond Plant.....	"	"		..	..	Diamond Plant. — See <i>Mesembryanthemum</i> .
Dianthus, Pink.....	"	"		..	..	Dianthus barbatus.—Sweet William, will bloom the first year if sown early. D. Chinensis, Chinese Pink.
" barbatus, single.....	hP	1½	mixed.	.75	5	
" " double.....	"	1½	white.	2.00	10	
" Caryophyllus (Carnation) .	hhP	2	finest mix'd	..	50	D. carnation grenadin.—"For Florists' purposes and sale plants this fine and floriferous carnation is invaluable."
" " ".....	"	2	mixed.	..	10	
" " picotee.....	"	2	finest mix'd	..	50	
" " perpetual or tree	"	2	"	..	50	"It blooms three weeks earlier than any other variety, and furnishes a profusion of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses."
" " grenadin.....	"	2	bril. scar.	..	15	
" chinensis fl. pl.....	hA	1	mixed.	.75	5	
" Heddewigi, double.....	"	1	white.	1.50	10	Dictamnus.—Gas Plant.
" laciniatus.....	"	1	finest mix'd	1.50	10	
" " ".....	"	1	"	2.00	10	
Dictamnus Fraxinella.....	hP	2	red.	2.50	5	Digitalis, Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places.
" " ".....	"	2	white.	2.50	5	
" " ".....	"	2	mixed.	2.50	5	
Digitalis, Foxglove, lutea.....	"	3	yellow.	1.00	5	Dodecatheon. — American Cowslip. Shooting Star.
" " ".....	"	3	purple.	1.00	5	
" alba.....	"	3	white.	1.00	5	
" rosea.....	"	3	rose.	1.00	5	Dolichos. — Rapid climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
" " ".....	"	3	mixed.	1.00	5	
" " ".....	"	3	purple.	1.00	5	
Dodecatheon Meadia.....	P	1	purple.	..	10	Elichrysium. — Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
Dolichos Lablab.....	"	"	....	..	..	
" Hyacinth Bean.....	hA	10	purple.	.75	5	
" " ".....	"	10	white.	.75	5	Erianthus.—A superb grass, resembling Pampas grass.
" giganteus.....	hhA	15	....	..	10	
Elichrysium monstrosum.....	"	2	mixed.	1.00	5	
" " ".....	"	2	white.	1.00	5	Eschscholtzia. — California Poppy. Eschscholtzia californica fl. pl.—See Novelties.
" " ".....	"	2	yellow.	1.00	5	
" " ".....	"	2	rose.	1.00	5	
Eragrostis elegans.....	"	2		1.00	5	Eschscholtzia carminea grandiflora rosea.—See Novelties.
Erica (Cape Heath).....	gS	2	finest mix'd	..	25	
Erysimum Arkansanum.....	hA	1	yellow.	.60	5	
" Peroffskianum.....	"	1½	orange.	.60	5	Eschscholtzia crocea fl. pl.—See Novelties.
Erianthus Ravennæ.....	hP	10	....	1.50	10	
Eschscholtzia californica.....	hA	1	yellow.	.50	5	
" alba.....	"	1	white.	.50	5	Eschscholtzia mandarin.—See Novelties.
" rosea.....	"	1	rose.	.50	5	
" californica, fl. pl....	..	..	....	..	..	
" carminea (grandiflora rosea)	..	..		..	..	Eucalyptus. — Blue Gum Tree or Fever and Ague Plant.
" crocea fl. pl.....	..	..	....	..	..	
" " ".....	..	..		..	..	
" mandarin.....	..	..		..	..	Eucalyptus globulus.....
" mixed.....	..	..	....	..	..	
" " ".....	..	..		..	..	
Eucalyptus globulus.....	shrub	20		2.00	25

MIMULUS.

NASTURTIIUM.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Eucharidium grandiflorum.....	hA	1	crimson.	.75	5	Eucharidium.—Pretty flowering annuals similar to Clarkia.
“ album.....	“	1	white.	.75	5	Euphorbia.—Variegated foliage
Euphorbia variegata.....	“	2	“	.60	5	
Eutoca multiflora.....	“	1½	pink.	..	5	
“ viscida albo striata.....	“	1	white&blue	..	5	
Fenzlia dianthiflora.....	“	¾	rosy lilac.	..	25	Fenzlia.—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
Feverfew.....	..	..	..	..	..	Feverfew.—See Matricaria.
Forget-me-not.....	..	..	..	..	..	Forget-me-not.—See Myosotis.
Four o'clock.....	..	..	..	..	..	Four o'clock.—See Mirabilis.
Foxglove.....	..	..	..	..	..	Foxglove.—See Digitalis.
Fraxinella.....	..	..	..	..	..	Fraxinella.—See Dictamnus.
Fuchsia hybrida.....	hhP	..	mixed.	.35	..	Fuchsia.—Saved from choicest varieties.
Fumitory (climbing).....	..	..	..	..	..	Fumitory.—See Adlumia.
Gaillardia picta.....	hhA	1½	yellow.	.75	5	Gaillardia.—Very showy flowering plants, adapted for bedding, also charming for pot plants.
“ ..	“	1½	mixed.	.75	5	
“ albo marginata.....	“	1½	whit. edged	1.50	5	
Gaura Lindheimeri.....	“	3	white & red	1.25	5	Gaura.—Very curious flowering herbaceous plant.
Geranium.....	..	..	..	..	..	Geranium.—See Pelargonium.
Gilia.....	hA	1	finest mix'd	.50	5	
Gilly Flower.....	..	..	..	..	..	Gilly flower.—See Ten Weeks Stock.
Globe Amaranthus.....	..	..	..	..	..	Globe Amaranthus.—See Gomphrena.
Gloxinia French hybrida, saved from choicest flowers.....	..	1	mixed.	..	50	Gloxinia.—Stove house plants of great beauty.
Godetia rubicunda.....	hA	1½	rose.	.75	5	Godetia.—Excellent free blooming plants, very desirable for beds, borders and ribbons.
“ The Bride.....	“	1½	white.	.75	5	
“ finest mixed.....	“	1½	mixed.	.75	5	
Golden Eternal Flower.....	..	..	..	..	..	Golden Eternal Flower.—See Elichrysium.
Gomphrena globosa.....	..	..	..	..	..	Gomphrena.—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths.
“ alba.....	hhA	2	white.	.75	5	
“ rubra.....	“	2	purple.	.75	5	
“ variegata.....	“	2	striped.	.75	5	
“ mixed.....	“	2	mixed.	.75	5	
Golden Feather.....	..	..	..	..	..	Golden Feather.—See Pyrethrum.
Gourds, Hercules' Club.....	hhA	15	yellow.	..	5	Gourds.—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
“ Mock Orange.....	“	15	“	..	5	
“ Powderhorn.....	“	15	“	..	5	
“ Smallest Lemon.....	“	6	“	..	5	
“ Gooseberry.....	“	6	“	..	5	
“ Small Pear Shaped.....	“	6	“	..	5	
Gymnothrix latifolia.....	hhP	10	..	2.50	25	Gymnothrix.—Splendid ornamental grass.
Gynierum argenteum.....	“	12	silver.	3.50	25	Gynierum.—Pampas Grass.
Gypsophila elegans.....	hA	1½	white.	.60	5	Gypsophila.—Fine airy flowers, suitable for bouquets; very nice for growing in masses
“ paniculata.....	hP	1½	“	.60	5	
“ muralis, fine.....	hA	¾	pink.	.75	10	
Hawkweed.....	..	..	..	..	..	Hawkweed.—See Crepis.
Heartsease.....	..	..	..	..	..	Heartsease.—See Viola tricolor maxima.
Hedysarum coronarium.....	hhP	3	mixed.	..	5	Hedysarum.—French Honeysuckle. Red and white mixed.
Helianthus macrophyllus giganteus.....	hA	10	yellow.	.75	10	Helianthus.—Sunflower. Tall growing plants with immense yellow flowers.
“ californicus double.....	“	6	orange.	.50	5	
“ globosus fistulosus, fl. pl.....	“	4	saf. color.	.75	5	Helianthus globosus fistulosus fl. pl.—Flowers very large and double.
“ nanus plena.....	“	2	dbl. yellow.	.60	5

PRIMULA.

TROPAEOLUM.

NAME.	Hardiness and Duration	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Helianthus nanus</i> fol. var.....	..	..	....	..	..	<i>Helianthus nanus</i> fol. var.—See Novelties.
<i>Heliotropium</i> , dark varieties.....	hhP	2	mixed.	3.00	15	<i>Heliotropium</i> .— <i>Heliotrope</i> .
<i>Hesperis matronalis</i>	hP	2	"	.75	5	<i>Hesperis</i> .—Sweet Rocket; white and purple flowers; free blooming.
<i>Hibiscus africanus</i>	hA	1½	sul.& black.	.50	5	<i>Hibiscus</i> .—Commonly named African Rose.
Hollyhock, best double.....	hP	6	mixed.	2.00	10	Hollyhock.—Saved from the best double
" Chater's " extra fine....	"	6	"	..	25	sorts of the finest strains.
Honesty.....	..	..	....	..	..	Honesty.—See Lunaria.
<i>Humea elegans</i>	hhB	6	red.	3.50	10	<i>Humea</i> .—Desirable for conservatory and for lawns. Flowers ruby color growing in drooping racemes.
Hyacinth Bean.....	..	..	....	..	..	Hyacinth Bean.—See Dolichos.
<i>Iberis</i> (Candytuft).....	hA	1	mixed.	.30	5	<i>Iberis</i> .—One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work.
" <i>coronaria</i> white rocket.....	"	1	white.	.30	5	
" <i>umbellata</i>	"	1	"	.30	5	
" <i>purpurea</i> (Dunnetts).....	"	1	dark crim.	.30	5	
" <i>lilacina</i>	"	1	deep pur.	.30	5	
" <i>sempervirens</i>	hP	1	white.	2.00	10	<i>I. sempervirens</i> , or perennial Candytuft, is perfectly hardy, flowering very early in the spring.
" <i>pectinata odorata</i>	hA	1	"	.30	5	
Ice Plant.....	..	..	....	..	..	Ice Plant.—See <i>Mesembryanthemum</i> .
Indian Shot.....	..	..	....	..	..	Indian Shot.—See <i>Cania</i> .
<i>Ipomæa bona nox</i>	hhA	10	white.	.75	10	<i>Ipomæa bona nox</i> .—Evening Glory. I.
" <i>coccinea</i>	"	10	scarlet.	.75	10	<i>coccinea</i> .—Star <i>Ipomæa</i> . I. grandiflora.—Variegated Morning Glory. I.
" <i>marmorata grandiflora</i>	"	10	variegated.	.75	10	<i>quamoelit</i> .—Cypress Vine. An elegant and exceedingly graceful fine foliaged climber, with star like blossoms of various colors. The seed should be sown the last of May in a warm sunny location.
" ".....	"	10	mixed.	.50	5	
" ".....	"	10	scarlet.	.50	5	
" ".....	"	10	crimson.	.50	5	
" ".....	"	10	white.	.50	5	
" ".....	"	10	rose.	.50	5	
<i>Ipomopsis</i>	hhB	3	mixed.	1.00	5	<i>Ipomopsis</i> .—Fine for back-ground work, and for centres of beds; flowers in spikes of scarlet and orange.
<i>Jacobæa</i>.....	..	..	....	..	..	<i>Jacobæa</i> .—See <i>Senecio</i> .
Job's Tears.....	..	..	....	..	..	Job's Tears.—See <i>Coix lacryma</i> .
<i>Kaulfussia amelloides</i>	hA	1	blue.	.80	5	<i>Kaulfussia</i> .—Dwarf habit and compact growth.
Lady's Slipper.....	..	..	....	..	..	Lady's Slipper.—See <i>Calceolaria</i> .
<i>Lantana</i> , <i>hybrida</i> finest.....	hhP	2	mixed.	1.50	10	
Larkspur.....	..	..	....	..	..	Larkspur.—See <i>Delphinium</i> .
<i>Lathyrus odoratus</i> (Sweet Pea).....	hA	5	mixed.	.15	5	<i>Lathyrus</i> .—Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season.
" finest assortment.... per lb.	"	5	"	1.00	..	The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes.
" <i>stript</i>	hA	5	black pur.	.20	5	Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants.
" <i>Capt. Clarke</i>	"	5	tricolor.	.20	5	
" <i>Crown Princess of Prussia</i>	"	5	blush.	.20	5	
" <i>red</i>	"	5	dark.	.20	5	
" <i>invincible</i>	"	5	scarlet.	.20	5	
" <i>light blue and purple</i>	"	5	"	.20	5	
" <i>red striped</i>	"	5	"	.20	5	
" <i>white</i>	"	5	"	.20	5	
" one assortment, separate colors.....	"	5	10 colors.	..	50	Our seed is saved only from the very finest sorts cultivated, and are true to name.
<i>Lavatera trimestris</i>	"	3	rose.	.50	5	
" <i>fl. albo.</i>	"	3	white.	.50	5

SANVITALIA.

SCABIOSA.

NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Lavender.....	hP	2	.....	..	..	Lavender.—See Lavendula.
Lavendula.....	hP	2	violet.	.50	5	Lavendula. — Well-known old-fashioned flower, highly prized for its peculiar odor.
Leptosiphon hybridus, French.....	hA	1/4	various.	1.75	10	Leptosiphon. — Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
Limnanthes Douglasi.....	hA	1/2	white & yel.	.75	5	Linaria. — Kenilworth or Coliseum Ivy.
Linaria cymbalaria.....	hP	..	lavender.	4.00	25	Linum. — Scarlet Flax.
" Finest mixed.....	hA	1	mixed.	.75	5	Loasa. — Climbers, with curious flowers.
Linum grandiflorum rubrum.....	hP	1	splen. scar.	.50	5	
Loasa hispida.....	hA	..	golden yel.	2.00	10	
" tricolor.....	..	..	ycl. shaded	..	10	
Lobelia cardinalis Queen Victoria.....	hP	2	scarlet.	..	25	Lobelia cardinalis. — Cardinal Flower.
" erinus gracilis.....	hA	1/2	dark blue.	1.50	10	With darkest leaves, very beautiful. L. speciosa. — One of the most effective varieties for bedding. L. erecta. — Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
" " speciosa Crystal Palace.....	hA	1/2	dark blue.	2.50	10	
" " erecta, " compacta.....	hA	1/2	azure blue.	4.00	15	
" " " Emperor William.....	hA	1/2	blue.	5.00	15	
Lophospermum scandens.....	hhA	10	mixed.	5.00	15	Lophospermum. — Beautiful climbing plant, with very large trumpet-shaped flowers.
Lotus Jacobæus.....	gS	1	chocolate.	1.50	10	Lotus. — Charming for pot plant.
Love-in-a-mist.....	..	..	.....	..	..	Love-in-a-mist. — See Nigella hispanica.
Love-in-a-puff.....	..	..	.....	..	..	Love-in-a-puff. — See Balloon Vine.
Love-lies-bleeding.....	..	..	.....	..	..	Love-lies-bleeding. — See Amaranthus caudatus.
Lunaria annua.....	hB	2	purple.	1.50	10	Lunaria. — Honesty.
Lupinus finest annual sorts mixed.....	hA	2	mixed.	.30	5	Lupinus. — Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
" peren'l.....	hP	2	"	.30	5	
Lychnis Haageana Fine Hybrid....	hP	1	scarlet.	1.50	10	Lychnis. — Ragged Robin.
Maize Japanese.....	hA	4	striped leaf	.20	5	Maize. — Striped Japanese Corn. Very ornamental.
Malope grandiflora.....	hA	1 1/2	mixed.	.40	5	
Malva crispa.....	"	5	orn. fol.	.75	5	Malva. — Ornamental foliaged plant.
Marigolds.....	..	..	.....	..	..	Marigolds. — See Tagetes.
Martynia fragrans.....	hhA	1 1/2	crimson.	.50	5	
Marvel of Peru.....	..	..	.....	..	..	Marvel of Peru. — See Mirabilis.
Matricaria capensis fl. pl.....	hhP	1	white.	.75	5	Matricaria. — Feverfew; dwarf and very double. M. par. — See pyretbrum.
" parthenifolia aurea.....	hP	1/2	yellow.	2.50	10	
Maurandia Barclayana.....	hhP	10	b. & w.	4.00	10	
" finest colors.....	hA	10	mixed.	4.00	10	
Mesembryanthemum crystallinum.....	hA	1/2	white.	.60	5	Mesembryanthemum. — Ice Plant. Diamond Plant.
Mignonette.....	..	..	.....	..	..	Mignonette. — See Reseda.
Mimosa pudica.....	hhA	2	pink. wht.	.75	5	Mimosa. — Sensitive Plant.
Mimulus cardinalis.....	hhP	1	scarlet.	2.00	5	Mimulus cardinalis. — Monkey Flower; will bloom the first season from seed. They like a damp shady situation. M. moschatus. — Musk Plant.
" tigrinus.....	"	1	spotted.	3.00	10	
" moschatus.....	"	1/2	yellow.	4.00	10	
Mirabilis Jalapa.....	"	2	finest mix.	.30	5	Mirabilis. — Marvel of Peru; Four o'clock.
Momordica balsamina.....	hhA	10	yellow.	.60	5	Momordica. — Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
Monkey Flower.....	..	..	.....	..	..	Monkey Flower. — See Mimulus.
Morning Glory.....	..	..	.....	..	..	Morning Glory. — See Convolvulus major.
Mourning Bride.....	..	..	.....	..	..	Mourning Bride. — See Scabiosa.

STIPA.

SWEET WILLIAM.

NAME.	Hardness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Mukia scabrella</i>	A	10	sc. fruit.	5.00	10	<i>Mukia</i> .—Handsome Climber, with scarlet berries.
Musk Plant.....	..	..	....	..	..	Musk Plant.—See <i>Mimulus</i> .
<i>Myosotis alpestris cœrulea</i>	hP	¾	blue.	..	10	<i>Myosotis</i> .—Forget-me-not; thrives best in moist and shady situations.
“ <i>azorica</i>	hhP	¾	dark blue.	..	10	
“ <i>palustris</i>	hP	½	blue.	..	10	
<i>Myrsiphyllum asparagoides</i>	gP	10	foliage orn.	3.00	15	<i>Myrsiphyllum</i> .—Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
<i>Nasturtium</i>.....	..	..	....	..	..	<i>Nasturtium</i> .—See <i>Tropæolum</i> .
<i>Nemesia compacta alba</i>	hA	1	white.	1.50	10	<i>Nemesia</i> .—Compact growing and immensely profuse flowering.
“ <i>versicolor</i>	“	1	various.	1.50	10	
<i>Nemophilla insignis</i>	“	1	mixed.	.50	5	<i>Nemophilla</i> .—Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
“ <i>maculata</i>	“	1	..	.50	5	<i>Nicotiana tabacum</i> fol. var.—New, striped leaves.
<i>Nicotiana atropurpurea grand.</i>	hhA	8	purple.	..	10	
“ <i>tabacum</i> fol. var.....	“	8	str. leaf.	..	10	
<i>Nierembergia gracilis</i>	hhP	1	various.	2.50	10	<i>Nierembergia</i> .—Well adapted for edgings or rustic baskets.
<i>Nigella damascena</i> , fl. pl.....	hA	1½	dark blue.	.40	5	<i>Nigella</i> .—Devil-in-a-bush. <i>N. hispanica</i> .
“ <i>hispanica</i>	“	1½	purple.	.40	5	—Love-in-a-mist.
<i>Nolana atriplicifolia</i>	“	½	mixed.	.40	5	<i>Nolana</i> .—Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post.....	..	..	....	..	..	Nun's Whipping Post.— <i>Amaranthus melancholicus</i> .
<i>Nycteria capensis</i>	hhP	¾	wht. & blue	4.00	10	<i>Nycteria</i> .—Beautiful dwarf plants covered with pink blossoms.
“ <i>selaginoides</i>	“	¾	pink.	4.00	10	
<i>Obeliscaria pulcherrima</i>	hP	2	maroon.	.50	10	
<i>Oenothera grandiflora</i> Lamarckiana.	“	3	yellow.	1.00	5	<i>Oenothera</i> .—Evening primrose; large flowers 3 to 4 inches in diameter.
Pansy.....	..	..	....	..	..	Pansy.—See <i>Viola tricolor</i> .
Papaver carnation double.....	hA	2	mixed.	.50	5	Papaver.—Poppy; brilliant flowers, large and showy.
“ <i>Pæony</i> flowered, double....	“	2	..	.50	5	
“ <i>Ranunculus</i> flowered French	“	1	..	.75	5	
“ <i>umbrosum</i>.....	..	..	....	..	..	Papaver umbrosum.—See Novelties.
Peas, Sweet.....	..	..	....	..	..	Peas, Sweet.—See <i>Lathyrus odoratus</i> .
<i>Pelargonium Zonale</i>	hhP	1½	various.	..	25	<i>Pelargonium</i> .—Geranium.
<i>Pentstemon hybridus</i>	“	2	mixed.	..	25	<i>Pentstemon</i> .—Herbaceous plants; start in hot-bed, in shape the flowers resemble the <i>Gloxinia</i> , and are of great beauty.
<i>Perilla naukensis</i>	hhA	2	foliage orn.	.60	5	<i>Perilla</i> .—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
<i>Petunia grandiflora</i> Kermesina.....	hhP	2	crimson.	..	50	<i>Petunia</i> grand. kermesina.—With white throat; very large. <i>P. grand. maculata</i> .—Large flowering; blotched. <i>P. grand. purpurea</i> .—Fine dark varieties; splendid.— <i>P. splendid</i> single.—Saved from the choicest flowers; very large. <i>P. extra fine</i> .—Double.—The seed of this strain has been obtained from the most perfect double blooms only.
“ “ <i>maculata</i> Inimitable.....	“	2	blotched.	..	50	
“ “ <i>purpurea</i>	“	2	purple.	..	50	
“ “ <i>splendid</i> single.....	“	2	mixed.	..	50	
“ “ <i>extra fine</i> , double....	“	2	..	..	50	
“ “ <i>fimbriata</i> , splendid mixture, fringed varieties.....	..	..	....	..	..	<i>Petunia</i> grand. fim. splendid mixture, fringed varieties.—See Novelties.
<i>Petunia hybrida</i> , extra fine.....	hhP	2	mixed.	5.00	15	<i>Petunia</i> hyb. grand. fimbriata, double. splendid mixture.—See Novelties.
“ “ <i>grandiflora</i> fimbriata, fl. pl., splendid mixture.....	..	..	....	..	..	<i>Petunia</i> n. com. mult.—See Novelties.
<i>Petunia hybrida</i> , first quality.....	hhP	2	mixed.	1.25	10	
“ <i>nana</i> , compacta multiflora.....	..	..	....	..	..	
“ <i>phœnicea</i>	hhP	2	purple.	.80	5	
“ <i>nyctaginiflora</i>	“	2	white.	.75	5

LINUM GRANDIFLORUM RUBRUM.

ADONIS.

NAME.	Hardiness and Duration	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Phlox Drummondii.....	hA	1	finest mix'd	1.00	5	Phlox.—Excellent for bedding in masses or for borders, flowering in great profusion. Alba oculata.—White, with purple eye. —Atropurpurea.—Black warrior, deep blood purple. Coccinea.—Brilliant scarlet.—Leopoldi.—Bright rose, white eye. Radowitzki.—Rose striped. Queen Victoria.—Blue, white eye.
“ “ alba.....	“	1	white.	1.25	5	
“ “ alba oculata.....	“	1	wht. & pur.	1.25	5	
“ “ atropurpurea.....	“	1	purple.	1.25	5	
“ “ coccinea.....	“	1	scarlet.	1.25	5	
“ “ Isabellina.....	“	1	yellow.	1.25	5	
“ “ Leopoldi.....	“	1	red.	1.25	5	
“ “ Radowitzki.....	“	1	rose striped	1.25	5	
“ “ Queen Victoria.....	“	1	b. & w.	1.25	5	
“ “ perennial sorts.....	hP	3	10 varieties	1.50	5	
Poppy.....	“	“	“	“	“	Poppy.—See Papaver.
Poor Man's Weather Glass.....	“	“	“	“	“	Poor Man's Weather Glass.—See Anagallis.
Portulaca finest single.....	hA	1/2	mixed.	1.00	5	Portulaca.—Beautiful showy annuals, blooming all summer long, delighting in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will seed itself for a number of years in succession, being naturally adapted to our climate.
“ alba striata.....	“	1/2	striped.	“	10	
“ aurea striata.....	“	1/2	“	“	10	
“ “ vera.....	“	1/2	golden.	“	10	
“ caryophylloides.....	“	1/2	maroon.	“	10	
“ rosea.....	“	1/2	rose.	“	10	
“ splendens.....	“	1/2	purple.	“	10	
“ Thellusoni.....	“	1/2	crimson.	“	10	
“ Thorburni.....	“	1/2	orange.	“	10	
“ grandiflora dble. extra qual.	“	1/2	mixed.	“	15	
“ double good.....	“	1/2	“	“	10	Potentilla.—Handsome herbaceous plants; highly recommended for their neatness of foliage and long duration of bloom.
Potentilla single.....	hP	1/2	“	“	10	
“ double.....	“	“	“	“	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by one of the most renowned growers in England, and has always given the best satisfaction.
Primula sinensis.....	hP	3/4	“	“	25	
“ “ fimbriata.....	“	3/4	“	“	50	
“ “ “.....	“	3/4	red.	“	50	
“ “ “.....	“	3/4	white.	“	50	
“ sinensis fim. alba. magnifica	“	“	“	“	“	
“ Carter's Perfection.....	hP	3/4	deep car.	“	50	
“ “ Village Maid.....	“	3/4	car. striped	“	50	
“ “ Versuvius.....	“	3/4	scarlet.	“	50	
“ “ Exquisita.....	“	3/4	deep crim.	“	50	
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	2.50	10	Pyrethrum.—Golden Feather, or Fewer. P. fol. lac.—Splendid acquisition with elegant lacinated foliage.
“ Golden Feather.....	“	“	“	“	“	
“ parth. aurea fol. laciniatis	hP	1	foliage yel.	“	20	Quaking Grass.—See Briza. Ragged Robin.—See Lychnis. Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly. Miles' New Spiral; very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous. R. odorata.—Golden Queen. See Novelties.
Quaking Grass.....	“	“	“	“	“	
Ragged Robin.....	“	“	“	“	“	
Reseda odorata.....	hA	1	buff.	25	5	
“ “ ameliorata.....	“	“	red.	50	5	
“ “ Golden Queen.....	“	“	“	“	“	
“ “ Miles' New Spiral.....	hA	1 1/2	buff.	2.00	25	
“ gigantea pyramidalis.....	“	2	“	1.00	10	
“ Parson's New White.....	“	1 1/2	white.	1.00	10	
“ The Prize.....	“	1 1/2	buff.	1.00	10	
Rhodanthe maculata.....	hHA	1	crimson.	2.50	10	R. odorata.—Golden Queen. See Novelties.
“ alba.....	“	1	white.	3.00	10	
Ricinus borboniensis arboreus.....	“	15	orn. fol.	50	10	
“ giganteus glaucus.....	“	10	“	50	10	
“ Gibsoni.....	“	8	“	40	10	
“ sanguineus (Obermanni).....	“	10	“	40	10	
“ species from the Philippines.....	“	10	“	40	10	
“ dwarf rose.....	“	4	“	40	10

TAGETES SIGNATA PUMILA.

ICE PLANT.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Rose Campion.....	..	..	..	..	..	Rose Campion.—See Agrostemma.
Rose of Heaven.....	..	..	..	..	..	Rose of Heaven.—See Viscaria.
Rose of Sharon.....	..	..	..	..	..	Rose of Sharon.—See Hibiscus.
Rudbeckia bicolor.....	hP	3	yellow.	.75	5	Rudbeckia.—Yellow flowers, large black eye.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	1.50	10	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
Salvia coccinea splendens.....	..	2	scarlet.	..	15	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S.
" splendens.....	hhP	3	..	..	25	splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
" patens.....	"	2½	blue.	..	25	Sanvitalia.—Flowers bright yellow and very double.
Sanvitalia procumbens, fl. pl.....	hA	½	yellow.	1.00	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Saponaria.....	"	½	mixed.	.75	10	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets.
Scabiosa atropurpurea major.....	"	2	fine mixed.	.60	5	Sedum.—Stone crop.
" atro. candidissima.....	"	1	pure white.	.75	10	Senecio.—Jacobaea.
" minor, fl. pl.....	..	..	..	..	..	Sensitive Plant.—See Mimosa.
Schizanthus, finest.....	hA	1	mixed.	.75	5	Shooting Star.—See Dodecatheon.
Sedum coeruleum.....	"	¾	blue.	..	10	Silene.—Catch-fly. Dwarf compact growing edging plants, literally covered with blossoms.
Senecio double.....	"	1	finest mix.	1.50	10	Smilax.—See Myrsiphyllum.
" dwarf.....	"	½	"	1.50	10	Snapdragon.—See Antirrhinum
Sensitive Plant.....	..	..	..	..	..	Solanum capsicatum. — Jerusalem Cherry.
Shooting Star.....	..	..	..	..	..	Solanum Lobeli.—See Novelties.
Silene armeria.....	hA	2	fine mixed.	.60	5	Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
" ..	"	¾	red.	..	5	Stipa.—Feather Grass.
" ..	"	¾	white.	..	5	Stocks, Ten Week, or Gillyflower.—
Smilax.....	..	..	..	..	..	This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its light colors and spicy fragrance render it an object of universal admiration. Double Dwarf; have very compact spikes of flowers and throw out many side shoots. The Large-flowered are similar, only the flowers are larger.
Snapdragon.....	..	..	..	..	..	Sunflower.—See Helianthus.
Solanum capsicatum.....	hhP	..	sc. fruit.	..	..	Swan River Daisy.—See Brachycome.
" Lobeli.....	..	..	..	..	..	Sweet Alyssum.—See Alyssum.
Statice sinuata hybrida.....	hP	1	mixed.	.75	5	Sweet Pea.—See Lathyrus.
Stipa pennata.....	"	2	..	1.25	10	Sweet Rocket.—See Hesperis.
Stocks, ten weeks (Mathiola).....	..	..	..	..	..	Sweet Sultan.—See Centaurea.
" double dwarf German.....	hhA	1½	mixed.	2.50	5	Sweet William.—See Dianthus.
" .. large flowering.....	"	1	..	5.00	10	Tacsonia van Volxenni.....
"	"	1	pure white.	5.00	10	..
"	"	1	purple.	5.00	10	..
"	"	1	dark crim.	5.00	10	..
"	"	1	scarlet.	5.00	10	..
" .. large flow'g pyramidal dwf.....	"	1	canary vel.	5.00	10	..
" Winter, or Brompton.....	hB	2	mixed.	5.00	10	..
" Emperor, or Perpetual.....	hhP	1½	"	6.00	10	..
Sunflower.....	..	..	..	..	..	..
Swan River Daisy.....	..	..	..	..	..	..
Sweet Alyssum.....	..	..	..	..	..	..
Sweet Pea.....	..	..	..	..	..	..
Sweet Rocket.....	..	..	..	..	..	..
Sweet Sultan.....	..	..	..	..	..	..
Sweet William.....	..	..	..	..	..	..
Tacsonia van Volxenni.....	hh sh	10	crimson.	..	15	..

NEMOPHILA INSIGNIS.

MALVA CRISPA.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
Tagetes double African.....	hhA	2	mixed.	.50	5	Tagetes.—Marigold; good old-fashioned flowers, very popular.
“ French.....	“	1½	“	.50	5	
“ signata pumila.....	“	1	br. & yel.	.80	5	
Tassel Flower.....	“	“	“	“	“	Tassel Flower.—See Cacia.
Thunbergia, finest.....	hA	6	mixed.	.60	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Torenia Fournieri.....	“	“	“	“	“	Torenia Fournieri.—See Novelties.
“ Bailloni.....	“	“	“	“	“	Torenia Bailloni.—See Novelties.
Trifolium suaveolens.....	hA	2	“	.60	5	Trifolium.—Sweet-scented clover.
Trichosanthes coccinea.....	hhA	4	white.	“	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
“ colubrina.....	“	4	“	“	10	
Tritoma uvaria.....	hP	4	orange red.	2.00	15	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	1.25	10	Tropæolum Canariense.—Canary-bird
“ Lobbianum Brilliant.....	“	6	dark scar.	1.50	10	Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb.
“ Crown Prince of Prussia.....	“	6	blood red.	1.50	10	Torenia Bailloni.—See Novelties.
“ Giant des Batailles.....	“	6	carmine.	1.50	10	Trifolium.—Sweet-scented clover.
“ Lilli Smith.....	“	6	crimson.	1.25	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
“ Napoleon III.....	“	6	ver. striped.	1.25	10	Tritoma.—Red-hot-poker plant.
“ Lucifer (very rare).....	“	6	cri. dk. fol.	2.50	25	Tropæolum Canariense.—Canary-bird
“ Roi des Noirs.....	“	6	almost blk.	1.25	10	Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb.
“ Spitfire.....	“	6	bright scar.	1.50	10	Torenia Bailloni.—See Novelties.
“ finest varieties.....	“	6	mix. colors.	.60	10	Trifolium.—Sweet-scented clover.
“ majus atropurpureum.....	“	6	black bro'n.	.35	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
“ coccineum.....	“	6	scarlet.	.25	10	Tritoma.—Red-hot-poker plant.
“ luteum.....	“	6	yellow.	.25	5	Tropæolum Canariense.—Canary-bird
“ regelianum.....	“	6	pur. violet.	.35	10	Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb.
“ cœruleo roseum.....	“	6	d. rose.	.35	10	Torenia Bailloni.—See Novelties.
“ majus, finest varieties.....	hhA	6	mixed.	.35	5	Trifolium.—Sweet-scented clover.
“ Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	.50	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
“ Crystal Palace Gem.....	“	1	sul.col.spt.	.50	10	Tritoma.—Red-hot-poker plant.
“ King of Tom Thumbs.....	“	1	dp. scarlet.	.75	10	Tropæolum Canariense.—Canary-bird
“ King Theodore.....	“	1	very dark.	.75	10	Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb.
“ Pearl.....	“	1	nearly wht.	.75	10	Torenia Bailloni.—See Novelties.
“ Ruby King (new).....	“	1	carmine.	1.25	10	Trifolium.—Sweet-scented clover.
“ luteum.....	“	1	bright yel.	.75	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
“ cœruleo roseum.....	“	1	mar. tint.	.75	10	Tritoma.—Red-hot-poker plant.
Uniola latifolia.....	“	4	“	“	10	Tropæolum Canariense.—Canary-bird
Valeriana.....	hP	2	mixed.	.60	5	Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb.
Venus' Looking Glass.....	“	“	“	“	“	Torenia Bailloni.—See Novelties.
Verbena hybrida, choice named col's.....	hhP	“	mix d.	5.00	15	Trifolium.—Sweet-scented clover.
“ alba.....	“	1	white.	“	25	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
“ candidissima.....	“	1	“	“	35	Tritoma.—Red-hot-poker plant.
“ cœruleo, dif. shades.....	“	1	blue.	“	25	Tropæolum Canariense.—Canary-bird
“ scarlet, dif. shades.....	“	1	scarlet.	“	25	Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb.
“ striata.....	“	1	striped.	“	25	Torenia Bailloni.—See Novelties.
Veronica syriaca.....	hhA	1½	blue & white	1.50	5	Trifolium.—Sweet-scented clover.
“ fl. albo.....	“	1½	white.	1.50	5	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.

SALPIGLOSSIS.

CHRYSANTHEMUM.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Price Per Oz.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Vinca rosea</i>	3 sh.	2	rose.	2.00	10	Vinca. —If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
" <i>alba</i>	g sh.	2	white.	2.00	10	
<i>Viola tricolor maxima</i> , Pansy, finest.	hP	1/2	mixed.	5.00	10	Viola, Pansy. —Start early in March in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
" " " very large flow'g	"	"	"	8.00	25	
" " " candidissima	"	"	"	"	"	
" " " Snow Queen	"	"	....	"	"	
" Emperor William.....	"	1/2	deep blue.	4.00	15	
" Faust, or King of the Blacks...	"	1/2	coal black.	4.00	15	
" Odier, or five blotched.....	"	1/2	various.	\$12	25	
" Gold-margined.....	"	1/2	mar.with y.	4.00	15	
" Violet color margined.....	"	1/2	mar.with w	4.00	15	
" White Treasure.....	"	1/2	pure white.	4.00	15	
" Yellow.....	"	1/2	pure yel.	4.00	15	
" good quality.....	"	1/2	mixed.	2.00	5	
" odorata, The Czar (Violet)...	"	1/2	blue.	3.00	25	Viola tricolor maxima candidissima —(Snow Queen.) See Novelties.
<i>Viscaria hybrida splendens</i>	hA	1-2	mixed.	.60	5	Viscaria. —Flowers maroon, pink, carmine and rose.
<i>Waitzia grandiflora</i>	"	1	yellow.	..	25	Waitzia. —Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1 1/2	mixed.	7.00	15	Wallflower. — <i>Cheiranthus</i> .
<i>Whitlavia grandiflora alba</i>	hA	1 1/2	white.	.40	5	Wigandia. —Elegant stately ornamental plants.
" " ".....	"	1 1/2	purple.	.40	5	Xeranthemum. —Everlasting flowers, useful for either summer or winter bouquets.
<i>Wigandia caracasana</i>	hhS	8	or. leaf.	..	25	
" " vigieri.....	"	8	"	..	25	Zea Japonica. —See Maize.
<i>Xeranthemum</i>	hA	2	mixed.	.80	5	Double Zinnia. —Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.
<i>Zea Japonica</i>	"	6	striped leaf.	.15	5	
<i>Zinnia elegans fl. pl.</i>	hhA	2	mixed.	1.00	5	
" " white.....	"	2	white.	1.25	5	

ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured, and hung up in bunches until perfectly dry.

NAME.	Price per oz.	Per pkt.	Color of Flower.	H and Dur.	Height Feet.	GENERAL OBSERVATIONS.
<i>Agrostis nebulosa</i>	..	5	....	hA	1	Avena. —Animated Oats.
<i>Avena sterilis</i>	..	5	....	"	2	Briza. —Quaking Grass.
<i>Briza compacta</i>	..	5	....	"	1	
" <i>maxima</i>	..	5	....	"	1	Coix lacrymus. —Job's Tears.
<i>Bromus briziformis</i>	..	5	....	"	1	Eragrostis. —Love Grass.
<i>Coix lacryma</i>	..	5	....	"	1 1/2	
<i>Eragrostis elegans</i>	..	5	....	"	1	Erianthus. —Beautiful and very showy.
<i>Erianthus Ravennæ</i>	..	10	....	hhP	10	
<i>Gymnethrix latifolia</i>	..	5	....	hhP	8	Gynierium. —Pampas Grass.
<i>Gynierium argenteum</i>	..	10	....	"	8	Stipa. —Feather Grass.
<i>Stipa pennata</i>	..	5	....	hA	1 1/2	
<i>Zea Japonica</i>	..	5	....	"	3	Zea. —Japanese Maize, (striped leaves.)

ADLUMIA.

TROPÆOLUM.

CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Price per oz.	Per pkt.	Color of Flower.	H. and Dur.	Height Feet.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	1.50	10	green.	hhP	6	Abobra.—Ornamental Gourd, with elegant foliage and scarlet fruit.
Adlumia cirrhosa.....	1.50	10	pink.	hB	15	
Aristolochia sipo.....	..	10	yel. & bro.	..	20	
Beans.....per qt.	.40	10	various.	hA	15	Adlumia.—Mountain Fringe.
Bryonopsis erythrocarpa.....	1.25	10	red.	hhA	5	
Calampelis scabra.....	2.50	10	orange	..	8	
Canary-bird-flower.....	1.25	10	yellow.	..	10	Aristolochia.—Dutchman's Pipe.
Cardiospermum halicacabum.....	.80	5	white.	..	10	
Clematis.....	3.00	10	mixed.	hP	10	Beans.—Scarlet and White Runners.
Cobaea scandens.....	2.50	10	purple.	hhA	20	
Coccinea indica.....	2.00	10	red.	hhP	6	
Convolvulus major.....	.20	5	mixed.	hhA	10	Bryonopsis.—Ornamental Gourd, striped, beautiful.
" mauritanicus.....	2.00	15	blue.	hP	trail	
Cucumis.....	1.00	10	mixed.	hhA	10	
Cucurbita.....	..	..	..	..	..	
" Hercules' Club.....	..	5	yellow.	hhA	16	Calampelis.—Excellent for trellises.
" Mock Orange.....	..	5	..	..	16	
" Powder Horn.....	..	5	..	..	16	
" Smallest Lemon.....	..	5	..	..	6	Canary-bird flower. — See Tropæolum canariense.
" Gooseberry.....	..	5	..	..	6	
" Pear-shaped.....	..	5	..	..	6	
Cypress Vine.....	..	..	..	..	..	
Dolichos lablab, Hyacinth Bean.....	.75	5	purple.	hA	10	Cardiospermum.—Balloon Vine.
" ".....	.75	5	white.	..	10	
Ipomæabona nox.....	.75	10	..	hhA	10	Coccinea.—Ornamental Gourd with scarlet fruit.
" coccinea.....	.75	10	scarlet.	..	10	
" marmorata grandiflora.....	.75	10	variegated.	..	10	
" quamoclit (Cypress Vine).....	.50	5	mixed.	..	10	Convolvulus.—Morning Glory.
" ".....	.50	5	scarlet.	..	10	
" ".....	.50	5	white.	..	10	
" ".....	.50	5	rose.	..	10	Cucumis.—Ornamental Cucumber.
Maurandia Barclayana.....	4.00	10	blue & white	hhP	10	
" finest colors.....	4.00	10	mixed.	..	10	Cucurbita.—Ornamental Gourds, very desirable for screens.
Momordica balsamina.....	.60	5	yellow.	hhA	10	
Nasturtium Tall, finest colors.....	.35	5	mixed.	..	6	
" ".....	.25	10	scarlet.	..	6	
" ".....	.35	10	rose tinted.	..	6	
" ".....	.35	10	violet.	..	6	
" ".....	.25	5	yellow.	..	6	Cypress Vine.—Ipomea quamoclit.
Peas, Sweet, finest colors.....	.15	5	mixed.	hA	5	
" Capt. Clarke.....	.20	5	tricolor.	..	5	Ipomea bona nox.—Evening Glory. I. coccinea.—Star Ipomea. I. marmo.
" Crown Princess of Prussia.....	.20	5	blush.	..	5	grand.—Variegated Morning Glory. I. quamoclit.—Cypress Vine.
" Invincible.....	.20	5	scarlet.	..	5	
" Red.....	.20	5	dark.	..	5	
" White Striped.....	.20	5	purple.	..	5	
" ".....	.20	5	red.	..	5	Nasturtium.—Tropæolum majus.
" Light Blue.....	.20	5	purple.	..	5	
" Pure White.....	.20	5	..	..	5	
Thunbergia.....	.60	5	mixed.	hA	6	Peas, Sweet.—See Lathyrus odoratus.

EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses, are applicable to Everlasting Flowers.

NAME.	Price per oz.	Per pkt.	Color of Flower.	H. and Dur.	Height, Feet.	GENERAL OBSERVATIONS.
<i>Acroclinium</i> roseum.....	.60	5	rose.	hh-A	1	<i>Gomphrena</i> .—Globe Amaranthus.
album.....	.60	5	white.	hh-A	1	
<i>Ammobium</i> alatum.....	.60	5		h-A	2	<i>Helichrysum</i> .—Elichrysum, or Eternal Flower.
<i>Gomphrena</i> globosa.....	.75	5	red.	hh-A	2	
" ".....	.75	5	white.	"	2	
" ".....	.75	5	striped.	"	2	
<i>Helichrysum</i> monstrosum.....	.75	5	mixed.	"	2	
" ".....	1.00	5	white.	h-A	2	
" ".....	1.00	5	yellow.	"	2	
<i>Rodanthe</i> maculata.....	2.50	10	rose.	hh-A	1	
" " alba.....	3.00	10	white.	"	1½	
<i>Xeranthemum</i>	.30	5	mixed.	h-A	2	

List of Flower Seeds Suitable for Hanging Baskets, Vases and Window Boxes.

NAME.	Color of Flower.	Per pkt.	NAME.	Color of Flower.	Per pkt.
<i>Ageratum</i> Mexicanum.....	blue.	5	<i>Mesembryanthemum</i> , Ice Plant.....	mixed.	5
<i>Alyssum</i> , Sweet....	white.	5	<i>Mimulus</i> moschatus, Musk Plant.....	yellow.	10
<i>Anagallis</i>	mixed.	5	<i>Nasturtium</i> , dwarf.....	mixed.	5
<i>Calandrina</i> umbellata.....	crimson.	10	" <i>T. lobbianum</i>	"	10
<i>Centaurea</i> gymnocarpa.....	silver. lf.	15	<i>Nemophila</i> insignis.....	"	5
candidissima.....	"	15	" maculata.....	"	5
<i>Clintonia</i> elegans.....	blue.	10	<i>Nolana</i> atriplicifolia.....	"	5
<i>Convolvulus</i> mauritanicus.....	lavender.	15	<i>Petunia</i> single.....	"	5
<i>Eucharidium</i> grandiflorum.....	crimson.	5	" double.....	"	50
<i>Fenzlia</i> dianthiflora.....	rosy lilac.	25	<i>Portulaca</i> double.....	"	25
<i>Gilia</i> tricolor.....	mixed.	5	<i>Sanvitalia</i> procumbens.....	yellow.	10
<i>Iberis</i> amara (Candytuft.).....	white.	5	<i>Saponaria</i>	mixed.	10
<i>Linaria</i> (Coliseum Ivy.).....	mixed.	5	<i>Sedum</i> coeruleum.....	"	10
<i>Lobelia</i> erinus.....	blue.	10	<i>Stocks</i> , large flowering.....	mixed.	10
gracilis.....	"	10			

COLLECTIONS.

FRENCH AND GERMAN FLOWER SEEDS.

Each collection is sold in the original imported package, containing from six to ten or more different kinds or named colors in separate packages of the same plant, the name of which is labelled on the outside of each collection.

NAME	Colors.	Price	NAME.	Colors.	Price.
<i>Antirrhinum</i> , (Snapdragon.) dwarf.....	6	.50	<i>Hollyhock</i> , Double Charter's.....	6	.75
" tall.....	8	.75	<i>Lathyrus</i> odoratus—Sweet Peas.....	10	.50
<i>Aster</i> , Truffaut's Pæony-flowered perfection.....	12	1.25	<i>Lobelia</i> —choicest sorts.....	10	.75
" " ".....	8	.75	<i>Mirabilis</i> hybrida, Marvel of Peru, four o'clock.....	8	.35
" New Victoria.....	6	.75	<i>Pansy</i> , Heartsease.....	12	1.00
" Cocardeau, or Crown (white centre.).....	6	.50	" ".....	6	.50
" Large Rose-flowered.....	6	.50	<i>Petunia</i> , single.....	12	1.25
" Double Quilled (German.).....	12	1.00	" double.....	6	.75
" Dwarf Crysanthemum-flowered.....	6	.50	<i>Phlox</i> Drummondii.....	12	1.00
" Boquet, Pyramidal.....	6	.50	" ".....	6	.50
" " (Boltze.).....	6	.50	" grandiflora.....	6	.75
<i>Balsam</i> , Camellia-flowered, very double.....	12	1.25	<i>Portulaca</i> , double.....	8	.60
" " ".....	6	.75	" single.....	8	.40
" Rose.....	6	.75	<i>Stocks</i> , Large-flowering, dwarf, dbl. German.....	8	.75
<i>Coleus</i> , superb collection.....	12	1.25	" " Pyramidal.....	8	.75
" " ".....	6	.60	" " Giant Perfection.....	8	1.00
<i>Convolvulus</i> major, "Morning Glory.".....	10	.75	" Dwarf, German, wall-flower leaved.....	6	.50
<i>Everlasting</i> Flowers (Immortelles.).....	25	1.50	<i>Tropæolum</i> Lobbianum.....	12	1.00
Gourds, Ornamental.....	12	.85	" Tom Thumb, dwarf.....	8	.50
Grasses,.....	12	.75	<i>Zinnia</i> , double dwarf.....	6	.50
<i>Hollyhock</i> , Double Charter's.....	12	1.50			

	Pt.	Qt.	Pk.
Early Mohawk, about the hardiest; will endure a slight frost, and hence valuable for first planting; productive and excellent.....	.15	.25	\$1.50
Early China, very early and of fine quality; seeds white, colored and spotted about the eye with purplish red.....	.15	.25	1.50
Early Round Yellow Six Weeks, very hardy, early and prolific; seeds orange yellow, with a narrow reddish brown line encircling the eye.....	.15	.25	1.50
Early Long Yellow Six Weeks, hardy and prolific; seeds pale yellowish drab, with an olive-green line about the eye.....	.15	.25	1.50
Early Rachel, one of the earliest, hardy and productive; seeds brown, white at one end, pods crisp and tender when young.....	.15	.25	1.50
Refugee, or Thousand to One, not so early as above named varieties, but superior to any used as a pickling bean, for which it is grown very extensively; an abundant yielder.....	.15	.25	1.50
Turtle Soup, pods green and tender; seeds, when ripe are of a glossy black color, and, as the name suggests, much used for soup, which greatly resembles that known as Green Turtle.....	.15	.25	1.50
Dwarf Horticultural, a bush variety that resembles the Pole Horticultural; of excellent flavor, and used extensively as a shelled bean in a dry or green state.....	.15	.30	1.75
Red Cranberry, a stringless variety of great merit; very hardy and productive. Pods brittle, tender and fine flavored.....	.15	.30	1.75
Black Wax, a variety of great merit, highly recommended as a string bean; pods transparent; waxy yellow, thick and very tender.....	.15	.30	2.00
Dwarf White Wax, a variety similar in every respect to the "Black Wax" except in color, which is pure white.....	.15	.30	2.00
Crystal White Wax, a new and distinct white seeded variety with waxy transparent pods. It is stringless, succulent, crisp, tender, and of the richest flavor. The pods, though quick to develop, are remarkably slow to harden, and therefore retain their delicious tenderness on the bush longer than any other sort.....	.20	.40	2.50
Golden Wax Dwarf, a distinct variety, earlier than the Dwarf Black Wax; the pods are large, long and brittle, and entirely stringless. As a snap bean it excels all other sorts in tenderness and richness of flavor, and has the further merit of being one of the best shell beans grown for winter use.....	.15	.30	2.00
Ivory Pod Wax, another variety of recent introduction and of great value for either the home or market garden. The vines are compact, bushy; strong growers and are without doubt the most prolific of any variety of our garden beans. The pods are fit for the table at least a week earlier than the Black Wax, are long and handsome, of a beautiful, transparent, waxy-white color, and entirely stringless until nearly ripe. The ripe beans are medium sized, oval, white, and of excellent flavor. They are easily threshed, and are among the best for a shell bean for winter use, while as a snap bean it is perhaps superior to most other varieties in tenderness.....	.20	.40	2.50
White Marrow, White Kidney, Improved Yellow-Eye, Red Kidney, or Chilian,	All superior kinds, to be used in a dry state for baking, also excellent as shelled beans in a green state.....		
	.10	.20	1.50

BEANS. Pole or Running.

German, *Stangen Bohne*.—French, *Haricots a Rames*.—Spanish, *Judias*.

Pole Beans are generally planted in hills, about four feet apart, putting four or five beans in a hill, and leaving a space in the centre for the pole; they should not be planted till all danger from frost is past, and the Lima and Sieva not until the 20th of May in our climate, as they will not grow until the weather and ground are warm. Lima beans may be forwarded in pots and transplanted with perfect success.

	Pt.	Qt.	Pk.
Large White Lima, this is esteemed the best of all the pole beans, and is almost universally grown both for market and private use.....	.25	.50	\$3.00
Small Lima or Sieva, it is earlier and more hardy than the preceding; seed small, white and flat-shaped.....	.25	.50	3.00
Dreer's Improved Lima, the distinctive features of this variety are early maturity, large yield, and extra quality of bean. It is also claimed that it produces more shell beans to the pole than the large Lima.....	.25	.50	3.00
Dutch Case Knife, this is the earliest variety of pole beans. Pods long and flat, beans white, flat, kidney-shaped, and of excellent flavor; good green or dry.....	.15	.30	2.00

	Pkt.	Oz.	Lb.
London Horticultural, or Speckled Cranberry, a very popular variety for private garden use; early and productive; used as a green shelled bean or in a dry state.....	.15	.30	\$2.00
White Dutch Runner, grows to the height of ten feet, producing white flowers and seed, the latter are very large and make an excellent dry baking bean.....	.15	.30	2.00
Scarlet Runner, highly ornamental, producing dazzling scarlet flowers.....	.15	.30	2.00
Giant Wax, seed red, pods long, wax colored, crisp and stringless, productive.....	.20	.40	2.00
Indian Chief, or Black Wax Pole, similar to Black Seeded Wax Drawf, highly esteemed as a string bean.....	.15	.30	2.00
Red Cranberry, one of the earliest, excellent, seed red.....	.15	.30	2.00
White Cranberry, very productive, seed white.....	.15	.30	2.00
Concord, or Parti-Colored, a hybrid variety peculiarly marked, excellent quality and very prolific.....	.15	.30	2.00

BEET.

German, *Runkel Rube*.—French, *Betterave*.—Spanish, *Betteraga*.

Sow from April to middle of June, in deep rich sandy loam, one inch deep, or in drills about one foot apart. Thin the young plants to the distance of six or eight inches, and fill up the vacant places with those taken out. The early turnip rooted are the earliest, and are of fine quality. When young, the leaves make excellent greens.

	Pkt.	Oz.	Lb.
Egyptian Turnip, the earliest beet in cultivation, color deep crimson; of excellent quality.....	.05	.10	\$.75
Bastian's Blood Turnip, a great favorite with market gardeners, almost as early as the Egyptian, and of a blood red color when boiled.....	.05	.10	.75
Early Bassano, although not maturing as early as some other sorts, this being much the largest of the early varieties, reaches a size fit for the table among the earliest. Roots flat, turnip shape, light red. Will not keep well through the winter. Flesh white, circled with pink, coarse-grained, but tender and sweet.....	.05	.10	.75
Dewing's Improved Blood Turnip, roots deep blood red, of fine form and flavor, very early.....	.05	.10	.75
Early Blood Turnip, the standard early sort.....	.05	.10	.60
Long Smooth Blood-Red, excellent late variety; a great improvement on the common Long Blood.....	.05	.10	.65
Swiss Chard, Silver or Sea-Kale Beet, this variety is cultivated solely for its leaves. The mid-rib is stewed and served as Asparagus, the other portions of the leaf being used as Spinach. If often cut, new and more tender leaves will be reproduced.....	.05	.10	.80

Varieties grown for feeding stock. Sow in April or May. Six to eight pounds per acre.

	Oz.	Lb.
Norbiton Giant Long Red Mangel Wurzel, this is a valuable variety, especially for deep soils, and is immensely popular.....	.10	.60
Long Red Mangel Wurzel, extensively grown for agricultural purposes, producing roots of large size and excellent quality.....	.10	.50
Mammoth Long Red Mangel Wurzel, a new variety, producing roots of mammoth size with small top and of superb quality.....	.10	.60
Long Yellow Mangel Wurzel, differs from the Long Red only in color.....	.10	.40
Kinver Yellow Globe, undoubtedly the best stock of Yellow Globe Mangel in cultivation.....	.10	.75
Yellow Globe Mangel Wurzel, roots of large size and globular form; very productive, keeps better than the Long Red, and is better adapted for growing in shallow soil.....	.10	.50
Red Globe Mangel Wurzel, similar to the Yellow Globe, except in color; suitable for strong land.....	.10	.50
White French Sugar Beet, a well known variety, cultivated for feeding to cattle.....	.10	.50
Lane's Improved Sugar Beet. Mr. Lane has made great improvements in the Sugar Beet by a careful and continuous selection of roots saved for seed; yields very large and profitable crops; used only for cattle.....	.10	.60
German Imperial Sugar Beet, the best variety to cultivate for sugar. The seed we offer is from the same grower whose seed we have sold to the extent of about 25,000 lbs., and which produced roots of the finest quality, as high as 30 tons per acre, yielding an average of 10 per cent. of sugar. To insure the greatest success, the seed should be planted as early in spring as the ground can be worked, for it requires unquestionably the exceedingly moist condition of the soil in early spring in order to freely germinate. By planting early the beets gain a start over the weeds which is kept up throughout the season, thus making the expense of cultivating much less than when the seed is planted late, which enables the weeds to gain the mastery.....	.10	.40

CONOVER'S COLOSSAL ASPARAGUS.

GREEN GLOBE ARTICHOKE.

DREER'S IMPROVED LIMA BEAN.

ECLIPSE BEET, (*new*).

BORECOLE, or KALE.

German, *Blatter Kohl*.—French, *Chou Vert*.—Spanish, *Breton*.

Sow early in spring in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The following varieties are extremely hardy, and are best when touched by frost.

	Pkt.	Oz.	Lb.
Dwarf Curled Kale, Siberian, German Greens, or "Sprouts," this variety is extensively used for early greens, for which it is sown in the fall in rows one foot apart, and treated in same manner as spinach; it is ready for use in early spring. Sowing can also be made in spring.	.05	.10	\$.75
Green Curled Scotch, a rather dwarf variety, but spreading under good cultivation to three feet in diameter; leaves of a bright green, beautifully curled.	.05	.10	1.00

BROCOLI.

German, *Spargel-Kohl*.—French, *Chou Brocoli*.—Spanish, *Broculi*.

Generally considered as a sort of Cauliflower, but more hardy and surer to head; the seed should be sown in the early part of May and transplanted in June. In parts of the country where the thermometer does not fall below 20 or 25 degrees, Brocoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

	Pkt.	Oz.
White Cape, heads medium size, close, compact, and of a creamy white color; one of the most certain to head.	.10	\$.65
Early Purple Cape, differing from the preceding in color, which is of a greenish purple; it is also rather hardier, and of excellent flavor.	.10	.50
Walcheren, a valuable late variety, with very large fine heads.	.10	.50

BRUSSELS SPROUTS.

German, *Sprossen-Kohl*.—French, *Chou de Bruxelles*.—Spanish, *Berza de Brussela*.

A tender and delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts one or two inches in diameter, resembling cabbages. The leaves, which look like the Savoy, should be broken down in the fall to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-bed, or in seed-beds in May; transplant and cultivate like the cabbage.

	Pkt.	Oz.
Dwarf Improved, a variety producing compact sprouts of excellent quality.	.10	\$.25

CABBAGE.

German, *Kopfkohl*.—French, *Chou Pomme*.—Spanish, *Repollo*.

Cabbage seed for a very early crop should be sown in a hot-bed in February or March; give plenty of air, and thin out the plants that they may grow strong.

When the plants are four or five inches high, they should be transplanted, if the weather is mild, into the open ground in rows two feet apart and about fifteen inches apart in the row; make the ground rich and light and set them firmly; as they grow give frequent hoeings, and keep clear of weeds; those who have no hot-bed should sow in the open ground in May, which will be soon enough for an open crop.

The late varieties need not be sown until the middle of May; sow in drills or broadcast, in beds properly prepared, and thin out as soon as they are an inch high; transplant them the latter part of June, in rows two feet apart. To preserve cabbages through the winter, take them up in dry weather and plant them down to the leaves, and close together, in a dry sheltered spot. The whole must be covered securely with straw and boards to keep off rain.

	Pkt.	Oz.	Lb.
Early Wakefield, (true Jersey variety.) This is a favorite variety with the market gardeners in the vicinity of Boston. It is very early, of large size good quality and sure to head.	.15	.75	\$8.00
Henderson's Summer Early, about ten days later than the Jersey Wakefield, but much larger in size, will keep longer without bursting open, after heading, than any other known early variety.	.15	.75	8.00
Early York, this is one of the earliest of the spring and summer varieties. Heads small, rather heart-shaped, firm, very tender and excellent flavor.	.05	.20	2.00
Large Early York, larger and two weeks later than the Early York. It endures the heat well, and on that account is much esteemed at the South.	.05	.20	2.00
Early Winningstadt, one of the best in cultivation for general use; remarkably solid and hard, even in summer, keeps well in hot and cold weather. Heads regularly conical, large.	.05	.25	3.00

	Pkt.	Oz.	Lb.
Early Sugar Loaf, an excellent early variety for the Northern States. It has conical heads of medium size.....	.05	.20	\$2.00
Early French Oxheart, a most excellent variety. It grows low on the stump, and heads very close and firm.....	.05	.20	2.00
Fottler's Improved Brunswick, this is without exception, the best Early Drumhead variety in the market, and is almost universally used by the Boston market gardeners to succeed the earliest varieties, also for a late crop. Sure to lead, often weighing from twenty to thirty pounds. The quality is excellent.....	.10	.60	6.00
Large Late Drumhead, this is a large fall and winter variety, with broad, flat, or round heads; very compact.....	.05	.40	4.00
Stone Mason, an improved variety of the Mason Drumhead. Head flat and solid, stem short and small, quality sweet, tender and rich; a profitable home or market variety.....	.10	.60	6.00
Marblehead Mammoth Drumhead, this is without doubt the largest variety of cabbage. Its size ranging from that of a half bushel measure up to that of a two bushel basket, and even larger. Heads have been grown weighing from forty to sixty pounds. Cultivate in rows four feet apart, and allow about four feet between the plants.....	.10	.60	6.00
Red Dutch or Pickling, this is an esteemed sort for pickling. It is also shredded, and eaten raw in vinegar.....	.05	.40	4.00
Premium Flat Dutch, the most popular variety for the winter market. It has no superior, and is more extensively grown than any other; is tender and well-flavored. It is a fall and winter variety, and one of the very best to keep.....	.10	.50	5.00
Drumhead Savoy, grows to a large size; heads nearly round, or flattened like the Drumhead, and quite firm; very tender, fine flavored, and excellent for winter.....	.10	.60	6.00
American Improved Savoy, of finer quality than the Drumhead sort, and sure to head.....	.10	.60	6.00
Curled Savoy, (for greens).....	..	.10	.75

CARDOON.

German, *Kardon*.—French, *Cardon*.—Spanish, *Cardo Hortense*.

Cardoon is grown for the mid-rib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in the drills.

	Pkt.	Oz.	Lb.
Large Spanish.....	.10	.40	4.00

CARROT.

German, *Mochre*.—French, *Carotte*.—Spanish, *Zanahoria*.

The Carrot requires a sandy loam, deeply tilled. It should never be sown on newly manured ground, as forked roots are apt to be the result. Sow on ground that has been well manured the previous year for some other crop, such as potatoes or onions. For early and main crops sow as soon as the ground is in workable condition; for later crops they may be sown any time until the beginning of June. Sow in rows about fifteen inches apart, and half an inch deep, thinning out to three or four inches between the plants.

	Pkt.	Oz.	Lb.
Early Horn, a favorite sort, fine flavored and much esteemed for early summer use.....	.05	.10	\$1.00
Danvers Half-Long, a variety intermediate in size, of excellent quality and a great yielder (stump rooted).....	.05	.10	1.00
Early French Forcing, very early and valuable for forcing.....	.05	.15	1.50
Early Half-Long Scarlet Carentan, a new early forcing variety, also highly recommended for planting in open ground; has no heart or core.....	.10	.20	2.00
Long Orange, Improved, roots of large size; a decided improvement on the old-fashioned orange sort.....	.05	.15	1.00
Large White Belgian, a very productive kind, grown extensively for stock; grows one-third out of the ground; lower part of the root white, that above ground, green.....	.05	.10	.75
Altringham, similar in form to the Long Orange, but of a bright red color, growing with the top an inch or two above ground. Flesh bright orange red, crisp and breaking in its texture; the heart, in proportion to size of root, smaller than in other varieties; a very fine sort.....	.05	.10	1.00

CAULIFLOWER.

German, *Blumen-Kohl*.—French, *Chou-fleur*.—Spanish, *Coliflor*.

This vegetable is a member of the cabbage family, but, although it is more delicate, it can be grown on any soil that will grow cabbage. For an early crop, sow in September, and preserve from all frost, in sash or otherwise, and keep them in a healthy state; the following spring transplant into rich and loamy soil. Hoe and water them abundantly. As the flower heads appear, break the larger leaves down over them, or tie them gently upon the heads, to close and blanch them.

	Pkt.	Oz.	1-4 Lb.
Extra Early Paris, this is one of the earliest and best varieties; heads large, white and compact, of fine quality.....	.15	\$1.00	\$3.00
Extra Early Dwarf Erfurt, a favorite variety, very dwarf, large, white compact heads, especially recommended.....	.25	3.00	..
Lenormand's Short Stemmed, a late variety, producing very large, well-formed heads of superior quality.....	.15	1.00	3.50
Boston Market, a new and excellent very early variety, of dwarf habit, producing well-developed heads of the first quality.....	.15	1.00	3.50
Henderson's Early Snowball, a variety held in great estimation by market gardeners for its earliness and reliability as a sure header. Tested with several other varieties, it has proved to be as early, if not earlier than any other sort.....	.25	4.00	..
Early Walcheren, an excellent variety, vigorous and hardy, and well adapted to our climate. Stem short, leaves rather pointed and serrated. It not only resists the cold in winter, but the drought in summer, better than many sorts.....	.10	1.00	3.00
Veitch's Autumn Giant, an extremely valuable late variety, entirely distinct from any other sort. The heads are very large, beautifully white, firm and compact, and being well protected by foliage, remain a long time fit for use. The plants should be started and transplanted early in the season to insure their full development.....	.10	1.00	3.00

CELERY.

German, *Seleri*.—French, *Celeri*.—Spanish, *Apio*.

Sow the seed in the open ground in April, or as soon as the ground can be nicely worked. It may also be sown for early fall crop, in hot-beds or house, in February and March. Sow about half an inch deep and be careful to firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds, until the time of planting, in June or July; the tops are shorn off once or twice before planting, to insure "stocky" plants, which suffer less on being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to variety, setting the plants about six inches apart, and pressing the soil firmly about the roots; keep free from weeds until the plants grow strong enough to crowd them down. Earth up gradually during their growth, keeping the leaf stalks close together, so that the soil does not get between them. The soil best suited for celery is a rich, moist loam.

	Pkt.	Oz.	Lb.
Crawford's Half Dwarf, a remarkably fine sort, intermediate between the dwarf and large varieties; excellent quality and valuable either for market or for private use.....	.10	.50	\$6.00
Giant White Solid, of large size; white, crisp, solid, and of good quality....	.05	.30	3.00
Sandringham Dwarf White, an excellent variety, remarkable for fine flavor and solidity.....	.05	.30	3.00
Boston Market, a dwarf-growing, white-branching variety, of excellent quality, highly esteemed in the Boston market.....	.10	.50	6.00
Carter's Dwarf Crimson, an excellent, compact growing variety, fine flavor, crisp and juicy.....	.05	.30	3.00
Seymour's Superb White, esteemed as one of the best; it grows to a large size; stalks white, round, very crisp; perfectly solid.....	.10	.30	3.00
Incomparable Dwarf White, a very dwarf late white, of stiff, close habit, solid, crisp and juicy.....	.10	.30	3.00
Soup Celery, excellent for flavoring.....	.05	.10	.50

CELERIAC, or TURNIP-ROOTED CELERY.

German, *Knoll-Sellerie*.—French, *Celerie-rave*.—Spanish, *Apio raíz de Nabo*.

	Pkt.	Oz.	Lb.
A variety of Celery having turnip-shaped root, which may be cooked and sliced, and used with vinegar, making a most excellent salad. Cultivate in the same manner as celery.....	.10	.30	\$3.00

EGYPTIAN BEET.

SCOTCH KALE.

DEWING'S TURNIP BLOOD BEET.

FOTTLER'S IMPROVED BRUNSWICK CABBAGE.

MARBLEHEAD MAMMOTH CABBAGE.

EARLY WINNINGSTADT CABBAGE.

CHICORY.

German, *Cichorie*.—French, *Cickoree*.—Spanish, *Achivoria de Cafe*.

It may be sown and treated in the same manner as carrots. Used to mix with, or as a substitute for coffee. The root is taken up, washed, cut in small pieces and carefully dried. When required for use it is roasted and ground.

	Pkt.	Oz.	Lb.
Large-rooted.....	.05	.10	\$1.00

CHERVIL.

German, *Gartenkerbel*.—French, *Cerfeuil*.

Chervil, Curled, an aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills half an inch deep one foot apart.....

	Pkt.	Oz.	Lb.
Tuberous Rooted, sow in March or April; after treatment same as the carrot	.05	.20	\$2.00
	.10	.30	3.00

SWEET CORN.

German, *Welschkorn*.—French, *Mais*.—Spanish, *Maiz*.

All varieties of Sweet Corn may be either sown in rows four and a half feet apart, and the seeds planted about eight inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later.

	Ear.	Pt.	Qt.	Pk.
Early Marblehead, from ten days to two weeks earlier than any other known variety of sweet corn. It was tested last season with Early Narragansett, Early Minnesota, Early Crosby, Early Tom Thumb, Dolly Dutton, and others, and proved as above stated. It is very dwarf in growth, and the ears are produced quite close to the ground. It is without exception one of the greatest yielding corns cultivated, three to five ears often being produced from one kernel of seed.....	.05	.20	.30	\$1.75
Early Minnesota, very early; ears fair sized and uniform; one of the best.....	.05	.15	.25	1.25
Early Narragansett, one of the earliest, red cob, ears small, of good quality.....	.05	.15	.25	1.25
Crosby's Early, an excellent early variety; a great favorite in the vicinity of Boston.....	.05	.15	.25	1.25
Egyptian, a new sort, very large, exceedingly sweet and superior, late... ..	.05	.15	.30	1.50
Darling's Early, one of the earliest of the tall growing varieties; ears long, well-formed and sweet.....	.05	.15	.25	1.25
Moore's Concord, ears large and well filled; early and unsurpassed for richness and delicacy of flavor.....	.05	.15	.25	1.25
Extra Early Tom Thumb, a very early medium-sized eight-rowed variety. Kernels of fair size, white and sweet; stalks about three feet high; it is already a popular market variety, as it is said to be a week earlier than any other sort.....	.05	.15	.30	2.00
Stowell's Evergreen, a late variety of excellent quality, remaining longer in the green state than any other.....	.05	.15	.25	1.25
Mammoth Sugar, a late variety, produces ears larger than any other sort, and fine flavored.....	.05	.15	.25	1.25
Black Mexican, a variety with black ears, said to be the sweetest of all kinds.....	.05	.15	.25	1.50
Potter's Excelsior, one of the sweetest and finest flavored varieties ever known, highly recommended.....	.05	.20	.40	2.25
Triumph, said to be the earliest of the large varieties; flavor rich and sweet; largely grown as a market sort.....	.05	.20	.40	1.25
Evergreen Sweet Fodder Corn, for cutting green and feeding to stock this variety excels all other in tenderness, sweetness and nutriment, and as its name indicates, it will remain in a green and tender state without maturing longer than any other variety.....				per bush., 2.00
White Southern Corn, excellent for fodder and ensilaging purposes...				" " 1.25

BRECK'S BOSTON MARKET ENSILAGE CORN.

This corn is especially adapted for the purpose of ensilaging. It is the result of careful selection in seed to the end that a variety of corn might be obtained, not to be grown for the crop of corn, *but solely for the crop of green fodder.*

In order to obtain the greatest amount of green fodder from corn, the selection originally made and faithfully continued, was the seed *taken from the tallest specimens with the shortest joints.* From such the greatest number of leaves and ears were produced, which in a green state with the stalk, yielded a much larger amount of green fodder than any other corn among a dozen different varieties experimented with.

Price per qt., 20 cents; half pk., 60 cents; pk., \$1.00; bush., \$3.00.

FIELD CORN.

VARIETIES FOR FIELD CULTURE.

	Qt.	Pk.	Bush.
Milliken's Prize , a large, early yellow Canada Corn, seed of which was obtained from Mr. Milliken, of Biddeford, Me., being from the same that Mr. Milliken's son planted to compete for the Stillman B. Allen \$100.00 prize for the most corn raised on one-eighth of an acre. His yield was 20 bushels and 4 pounds, or at the rate of 160 bushels and 32 pounds shelled corn per acre, and he was awarded the prize. This desirable variety grows rather a short stalk producing ears lower to the ground. It is eight rowed and of good size, the kernels being very large while the cob is remarkably small.....	.15	\$1.00	\$3.00
Holden's Early Canada , the most popular variety among the farmers of the Connecticut River Valley, not only producing from 75 to 90 bushels of excellent corn per acre, but is especially desirable for its fine fodder, of which it yields from three to five tons an acre after the crop is harvested.....	.20	..	\$2.50
Pierce's Columbia , this is a celebrated improved variety of the early Canada Corn, obtained directly from Mr. Nathan G. Pierce, Westminster, Vt., who by careful and long continued selection of seed ears for planting, has obtained a corn that merits especial notice. The crop, according to the report agreed upon by a committee of three prominent farmers appointed by the Windham County Agricultural Society expressly for the purpose of ascertaining correctly, was by actual measure for one acre 132 bushels of shelled corn.....	.20	1.00	3.00
Blunt's Prolific , we sold this variety of corn last season largely for the purpose of ensilaging, and the reports and testimonials received from parties using it justify us in again offering this season a very superior quality of the genuine stock. The seed of this variety resembles that of the common White Southern Field Corn, the top of the kernel being indented, and we desire to warn our friends to beware of everything but the true seed which is a <i>short, round, white kernel</i> , in form similar to our Northern Yellow Canada Corn; all other offered for sale under the name of Blunt's Prolific Corn is not genuine.....	.20	.75	2.00

CORN SALAD or FETTICUS.

German, *Lammersalat*.—French, *Mache*.—Spanish, *Macha Valerianilla*.

Used as a salad. It is sown very early in spring, in rows one foot apart, and is fit for use in six or eight weeks from the time of sowing.

	Pkt.	Oz.	Lb.
Large-leaved	.05	.15	\$1.00

COLLARDS.

French, *Chou*.—German, *Blatter Kohl*.

Sow for succession from June to August, and treat as cabbage, in rows one foot apart. Price per peck, 5 cents; ounce, 20 cents; $\frac{1}{4}$ lb., 60 cents; lb., \$2.00.

CRESS or PEPPER GRASS.

German, *Kresse*.—French, *Cresson*.—Spanish, *Mastruco*.

A well-known pungent salad. Cover very slightly; sow at frequent intervals to keep up a succession, as it soon runs to seed.

	Pkt.	Oz.	Lb.
Early Curled , very fine; may be cut two or three times.....	.05	.10	\$.50

CRESS. Water.

German, *Brunnenkresse*.—French, *Cresson de Fontane*.—Spanish, *Berro*.

This is a well-known hardy perennial aquatic plant, growing abundantly along the margins of running streams, ditches, and ponds, and sold in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds or streams, where it increases, both by spreading roots and by seeding. It has a particularly pleasant, pungent taste, agreeable to most people. Price per pkt., 10c.; per oz., 40c.; per lb., \$4.00.

STONE MASON CABBAGE.

EARLY JERSEY WAKEFIELD CABBAGE.

AMERICAN IMPROVED SAVOY CABBAGE.

CELERIAC, OR TURNIP-ROOTED CELERY.

BOSTON MARKET CELERY.

CUCUMBER.

German, *Gurken*.—French, *Concombre*.—Spanish, *Pepino*.

For an early crop sow as soon as the weather becomes warm, in hills about four feet apart. Put a large shovelful of well-rotted manure in each hill. Sow liberally, as the yellow bug will require a part, and it is best to have a surplus of plants. Sow for pickling from the middle of June to the middle of July.

	Pkt.	Oz.	Lb.
Improved White Spine, the best table variety, also the best for forcing; grows straight and smooth, tender and of excellent quality, and a great bearer	.05	.15	\$1.25
White Spine, a desirable sort for market or family use	.05	.10	1.00
Boston Pickling, (true), extensively grown by the market gardeners in the vicinity of Boston. It is very productive and of superior color and quality	.05	.10	1.00
Early Frame, an old and popular variety, of medium size, straight and handsome; excellent for pickles when young	.05	.10	.85
Early Russian, the earliest variety, small and short, very hardy and productive	.05	.10	.90
Tailby's Hybrid, a cross between the White Spine and an English Frame variety; uniformly straight and smooth; valuable for forcing	.10	.15	1.00
Early Green Cluster, a short, very early variety, bearing in clusters near the root	.05	.10	.80
Short Green, or Gherkin, medium size, excellent for pickles when young	.05	.10	1.00
Long Green Prickly, a very superior table variety, about a foot in length, rather pointed at both ends, dark green, firm and crisp	.05	.10	.80
Long Green Turkey, dark green, smooth, and of good quality	.05	.15	1.25
Green Prolific, one of the best pickling sorts and a great favorite among the New York market gardeners; immensely productive	.05	.10	1.00
West India Gherkin, a very small, oval-shaped prickly variety, have somewhat the appearance of a burr. It is used only for pickling	.10	.20	2.00

ENGLISH FRAME CUCUMBERS. For Forcing.

Sow in small pots from middle of January, in a hot-bed or hot-house. When grown to three leaves, plant out in a previously prepared hill of loose, rich soil, in the centre of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees, with sun-heat. Per packet, 25 cents.

Improved Sion House.	Rollison's Telegraph.
Duke of Edinburgh.	Kelway's Paragon.
Blue Gown.	Marquis of Lorne.
Gen. Grant.	Carter's Model.

Carter's Best of All.

DANDELION.

German, *Pardeblum*.—French, *Pisse-en-lit*.—Spanish *Amargon*.

The Dandelion is cultivated for spring greens, or for blanching for salad. The roots when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep and twelve inches apart and the earth firmly pressed over the seed. The plants will be ready for use the following spring.

	Pkt.	Oz.	Lb.
American Improved	.10	.40	\$5.00
Thick-Leaved French	.10	.40	4.00

EGG PLANT.

German, *Eierpflanze*.—French, *Aubergine*.—Spanish, *Berengena*.

Sow the seed in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. Sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

	Pkt.	Oz.	Lb.
New York Improved, the leading market variety; excellent and very productive	.10	.50	\$6.00
Early Long Purple, differing in shape from the foregoing; early, hardy, and productive	.10	.30	4.00
Black Pekin, early, fruit jet black, round in form and very solid, and of very superior quality	.10	.60	8.00

ACROCLINIUM ROSEUM FLORE PLENO.

NOVELTIES AND SPECIALTIES

—IN—

FLOWER SEEDS,

For 1883.

Acroclinium Roseum Flore Pleno. —This splendid novelty needs no special recommendation. Among all the Everlastings cultivated the Acroclinium has always been one of the finest and the most desired, and undoubtedly this double variety will rank foremost in the cultivation of Everlastings; being almost constant from seed, and producing about 75 per cent. of double flowers.....	Pkt.
Ammobium Alatum Grandiflorum. —Is a very fine large Ammobium, nearly twice the size of the old variety, and is purely white. We consider this a fine addition to our everlasting flowers.....	\$.25
Antirrhinum Majus Nanum Picturatum. A new and distinct race of Snapdragons, comprising varieties with diversely shaded and striped flowers, which are at a short distance neither distinguishable from, nor surpassed for beauty by the showiest variety of Pentstemon,—6 fine colors mixed.....	.25
Aquilegia Californica Hybrida. —Very large pale yellow flowers with dark orange spurs, perfectly hardy.....	.25
Aquilegia Cœrulea Hybrida. —Flowers remarkably handsome. The centre petals are a sulphur yellow with beautiful porcelain blue spurs and sepals.....	.25

	Pkt.
<i>Aquilegia Chrysantha</i> . (<i>Golden Spurred Columbine</i>).—A strong growing beautiful variety forming bushy plants 3 feet high, producing freely all summer an abundance of golden yellow flowers.....	\$.25
<i>Ailium Azureum</i> .—A very showy bulbous-rooted plant from Hungary, grows two feet in height, with large heads of azure blue flowers. It is perfectly hardy and easily raised from seed.....	.25
<i>Alonsoa Grandiflora Chamois</i> .—As regards habit of growth, size of flower and floribundity, this very pretty new variety is identical with the well known <i>Alonsoa Grandiflora</i> , from which, however, it differs by the color of its neat blossoms which are of an intense chamois red. It has been obtained by crossing the species just named with <i>Alonsoa Mutisi</i> ; reproduces itself exactly from seed.....	.25
<i>Aster</i> .—New Washington Silver Gray, very beautiful.....	.25
<i>Aster</i> .—New Washington, white tinted with rose.....	.25
<i>Balsam</i> , (<i>Carter's Challenger Prize</i>).—One of the most magnificent strain of perfectly double in cultivation, including all the best shades of color, both selfs and mottled varieties mixed.....	.25
<i>Begonia Robusta Perfecta Rosea</i> .—A new tuberous-rooted <i>Begonia</i> of very compact and robust habit of growth, with handsome dark green foliage and splendid delicate rose-colored flowers.....	.25
<i>Begonia Davisi Flore Pleno</i> .—We have succeeded in obtaining a beautiful double flowering variety of this universally admired species; the flowers are very double and are produced in the same abundance as those of the single flowering species.....	.25
<i>Begonia Semperflorens Rosea</i> .—This is also a new <i>Begonia</i> , wonderfully profuse in bloom. When grown in pots the flowers are rose-colored, shading into pale pink towards the centre. In the open ground, however, and in a sunny situation, the color changes to a lovely bright carmine.....	.50
<i>Browallia Roezli</i> .—This variety is a decided acquisition, forming a compact plant 18 inches high, producing pure white and blue flowers double the size of those of the other species.....	.25
<i>Bromus Patulus Nanus</i> .—Quite a new form of this much esteemed ornamental grass. It is not only distinguished from the species by growing only half as high, but also the ears are shorter and of great elegance. It comes true from seed.....	.10
<i>Briza Speciosa</i> .—A handsome annual Brazilian grass, growing about eight inches in height, very graceful, and by its erect habit, quite distinct from other species of quaking grass. Is of the easiest culture and particularly well adapted for using in bouquets of everlasting flowers, wreaths, &c.....	.25
<i>Calendula Officialis "Meteor"</i> .—A new splendid variety of the well known pot marigold, with large double light orange striped flowers; a very profuse and constant bloomer, and highly recommended for autumn flowering groups.....	.10
<i>Calendula Officialis (White)</i> .—Delicately tinted with pale amber, a new and distinct color. The plant is very vigorous and hardy, and flowers abundantly till very late in the autumn.....	.15
<i>Campanula Nobilis Alba</i> .—A handsome, hardy, herbaceous plant grows one foot in height, with very large white bell-shaped flowers.....	.10
<i>Campanula Speculum, (Double)</i> .—A new variety of the well-known <i>Venus' looking glass</i> ; with double flowers, dwarf, compact growth, fine for bedding.....	.10
<i>Candytuft, (Carter's new carmine)</i> .—This variety is of compact habit; the plants present one mass of vivid carmine when in flower; very distinct from all others.....	.10
<i>Carnation Dwarf, (early-flowering Vienna)</i> .—Quite distinct, blooming two weeks earlier than other varieties. Habit, dwarf and robust.....	.15
<i>Chrysanthemum Frutescens, (White Paris Daisy)</i> .—This is the "White Marguerite" of the Paris flower markets, the cut flowers of which are now so popular among our florists during the winter months. The disc of the flower is yellow, surrounded by a ray of pure white florets.....	.10
<i>Chrysanthemum Frutescens, (Golden Paris Daisy,)</i> (Etoile d'or.) <i>Star of Gold</i> .—This is similar to the preceding, except in the color of the petals, which are of a soft golden yellow. It is almost a perpetual bloomer, and, like the white variety, is highly valued for cut flowers in winter and summer, both varieties being well adapted for bedding out in spring.....	.10
<i>Cockscomb, (Glasgow Prize)</i> .—A very fine new dwarf variety, with dark leaves and crimson comb, quite distinct and constant; one of the most splendid strains of this popular plant.....	.10
<i>Convolvulus Minor Kermesucins Violaceus</i> .—A new and very brilliant variety of this popular annual, with crimson-violet flowers.....	.10
<i>Convolvulus Minor, (Rose Queen)</i> .—A charming novelty, with rose-colored flowers, centre pure white, fringed with purple violet, shading off into ribbands of golden yellow....	.10
<i>Cuphea Roezli Grandiflora Superba</i> .—A variety of <i>Cuphea</i> valuable for greenhouse culture. The plants are pyramidal formed with very large, handsome yellow and red flowers.....	.15

	Pkt.
Cyclamen Persicum Giganteum. —A very handsome large-flowered and greatly improved form of this useful and elegant class of plants. The leaves are beautifully marked, and the flowers, which are thrown well above the foliage, measure about two and a half inches in length, and of fine form and substance. Mixed colors.....	\$.75
Cynoglossum Cælestinum. —This new variety has bright sky-blue flowers, much resembling Forget-me-not, but larger; hardy annual of the easiest culture.....	.10
Dahlia Coccinea. —The single brilliant scarlet Dahlia now becoming very popular in gardens is easily raised from seed, and flowers the same season sown.....	10
Delphinium Cashmerianum. —A new hardy perennial Larkspur, producing very fine dark blue Monks-hood-like flowers on stems fifteen inches in height, in corymbs of six or more.....	.25
Delphinium Hyacinthiflorum Giganteum. (<i>Giant Hyacinth-flowered Larkspur</i>). Reddish Gray.—A distinct race of Larkspur, attaining a height of 3½ to 4 feet; a peculiar and distinguishing feature is, that from the main stem are emitted at a height of 2 feet, five to eight radiate flower stalks of about eight inches in length, the flowers of which in form and doubleness exactly resemble those of the Dwarf Hyacinth-flowered Larkspur.....	.25
Delphinium Hybridum. (<i>Extra Double Mixed</i>).—The seed offered of Double Perennial Larkspur is from an unrivalled collection which contained none but the finest varieties, and will produce at least 80 per cent. of double flowers, including the most brilliant shades of light and dark blue, and white centres, very striking and beautiful.....	.25
Erysimum Pulchellum. —A dwarf yellow-flowering herbaceous plant of such densely tufted growth as to completely hide the ground; its great hardness makes it suitable for any situation.....	.10
Eschscholtzia Crocea fl. pl. —One of the grandest novelties of the floral world of late years. A beautiful bright orange scarlet shading off to salmon red color. These flowers are very double and of great substance, and produced in great profusion....	.25
Eschscholtzia Mandarin. —New, exceedingly brilliant and showy. The inner side of the petals is a rich orange color, the outer side being a brilliant scarlet, of the type known in fabrics as the mandarin scarlet, and when in full bloom the plants present a gorgeous outline.....	.25
Eschscholtzia Carminea. —In foliage and size of flower this novelty is the counterpart of Eschscholtzia mandarin, and like it blooms freely until late in autumn. The flowers, however, are of an intense carmine color, and very beautiful.....	.25
Eschscholtzia Californica Alba Flore Pleno. —From the double golden-yellow variety raised three years ago, and which is already a general favorite, has sprung this new variety, which will without doubt also prove an equally beautiful and popular annual.....	.25
Eschscholtzia. (<i>Rose Cardinal</i>).—A very distinct and beautiful new variety, with flowers of a rich, rosy carmine extending to the inside as well as the outside of the petals..	.25
Gaillardia Picta Lorenziana. —Is a very fine double Gaillardia, with a head two inches in diameter.....	.25
Godetia Satin Rose. —A lovely variety; the flowers are of a beautiful deep rose-pink, the surface shining like satin. It is one of the most beautiful of all the varieties yet raised, and is a real acquisition.....	.25
Godetia Duchess of Albany. —This fine new Godetia is described as follows: plants about one foot high branching from the base and assuming a handsome pyramidal shape; they produce large clusters of Oenothera-like flowers of a beautiful glossy satiny white, each flower when fully expanded measuring four inches across. The flowers give to the plants the aspect of charming miniature Rhododendrons or Azaleas, and so profusely cover them as to render the foliage almost imperceptible; this will be found a most valuable addition to hardy annuals, as it withstands the severest winters in the open border.....	.25
Godetia Lady Albemarle Compacta. —A beautiful new variety of this showy annual, distinguished from the type by the neat dwarf and compact habit of the plants, which bloom in a great profusion of rich carmine-crimson flowers.....	.15
Gomphrena Globosa Nana Compacta. —A dwarf and distinct form of the pretty Globe Amaranthus; of very compact growth, attaining only five inches in height by eight in diameter; the flowers are rich purple, same size as the old kinds; valuable both as a bedding and border plant.....	.15
Helianthus Nanus Foliis Variegatis. —This Sunflower forms a bushy and pyramidal-shaped specimen, the greater part of the leaves of which are spotted and striped with yellow. For planting singly for the formation of large groups, or for interspersing among other variegated species, this highly ornamental novelty will be found of great utility.....	.25
Larkspur Dwarf Ranunculus Flowered. (<i>White tinged with Silver</i>).—A charming variety, the color of which is very delicate and much more pleasing than that of the brown violet variety, which was till now the only representative of this distinct and useful race. It is exactly reproduced from seed.....	.25
Lobelias White Gem. —Dwarf and dense, pure white flowers. In habit it is ahead of anything in its class.....	.25

	Pkt.
Helianthus , (<i>"Oscar Wilde."</i>)—The famous Newport Corsage Sunflower. An entirely distinct variety, which originated at Newport, R. I. During last season at this noted watering-place, hundreds were worn daily by the ladies as corsage flowers. The plant is dwarf and pyramidal in form; flowers are small, with jet black centre, surrounded with an overlapping row of broad, deep golden yellow petals, and are produced in the greatest abundance from June until killed by the frost. Its small, compact growth and great profusion of flowers make it a most desirable bedding plant, either as a single specimen or in masses.	\$.25
Magenta Queen .—A novel and distinct kind, producing compact trusses of exquisitely colored flowers of a deep magenta-red color. A remarkable tendency of this variety is to assume distinct bizarre tints, as if flakes or deeper shades of color were put upon the lighter ground, which gives it a very pleasing appearance.	.50
Marvel of Peru, Dwarf : (<i>Pure White</i>).—When fully developed the plants of this novelty do not exceed nine to ten inches in height, and constitutes a charming compact little bush studded with snow-white flowers and clothed with the fine yellowish foliage common to the sorts grown under the name of <i>Mirabilis Jalapa foliis variegatis</i>	\$.10
Matricaria Exima Nana Aurea . Matricaria Crispa Compacta Flore Pleno .—Two new double-flowering varieties of the dwarf golden-yellow and curled-leaved Feverfew introduced last season; the former being of close compact growth attains a height of six or eight inches; the latter, about twelve inches high, of pyramidal form.	.15
Mignonette , (<i>Golden Queen</i>).—An attractive and distinct variety, of dense pyramidal habit of growth. It throws up very numerous flower stalks, terminated by spikes of golden-yellow blossoms with which the bright green foliage of the plant forms a pleasing contrast.	.25
Mimulus , (<i>"Queen's Prize."</i>)—This is a new and magnificent strain, which has been produced by careful selection for several seasons. Many of the flowers measure from two to three inches in diameter, the colors comprising mottled shades of rich purple, crimson, yellow, and ruby red.	.50
Myosotis Alpestris Robustus Grandiflora .—The flowers of this new variety exceed by far in size any other Alpine Forget-me-not. They are sky-blue in color with a clear yellow eye. The plant resembles in habit the form of a Candelabrum, a peculiarity which alone will distinguish it from the old sort. This new and fine myosotis will rapidly gain favor with all, and especially with those who grow plants for market.	.10
Mimulus , (<i>Ruby</i>).—Flowers of a brilliant ruby-crimson color, with an orange throat spotted with crimson; average size, 2½ to 3½ inches across.	.25
Mimulus Rosea Superba .—A novelty of lasting value, and is as fine as it is distinct. It is the result of a cross between <i>Mimulus Cardinalis</i> and <i>Mimulus Rosea Pallidus</i> . The plants grow about sixteen inches high, and are bushy and prettily foliaged; they produce an immense supply of showy bright rose-colored flowers, the throat of which is yellow spotted with brownish red. They are much larger than those of the <i>Mimulus Pallidus</i>	.25
Nasturtium , (<i>Empress of India</i>).—An extremely fine dwarf variety, a decided improvement upon King of Tom Thumbs as regards color. The plant is no more than six inches high, very compact and bushy, and covered with flowers of a brilliant fiery vermillion dazzling to look upon. A basket of King of Tom Thumbs was shown, and the superiority of the new variety over that kind was very striking.	.15
Nicotiana Affinis .—A very fine and highly remarkable species, attaining about 20 inches in height, and producing freely at the extremities of very long hairy tubes large pure white flowers. They are in full beauty morning and evening. This novelty deserves the most extensive dissemination.	.25
New Virginia Stock , (<i>Fairy Queen</i>).—Most elegant novelty, of dwarf and compact habit. The flowers when first expanded are a very bright rose color with a distinct approach to scarlet, which, as they become older fade to a lighter hue. When seen in a mass, the combination of these tints produces a soft, bright hue that is most pleasing.	.25
Pansy , (<i>Lord Beaconsfield</i>).—The ground color of the flower of this elegant Pansy is purple-violet, shading off on the top petals only to a whitish hue; a peculiarity which lends to the whole flower an unusually bright appearance.	.50
Pansy , (<i>Snow Queen</i>).—The flowers of this charming sort differ entirely from the ordinary white Pansy. They are of a particularly delicate satiny white with a slight tinge of yellow towards the centre. It reproduces itself exactly from seed, and comes highly recommended.	.50
Papaver Umbrosum .—This is a new variety of Annual Poppy growing 1½ feet in height. The flowers are of a rich glowing vermillion, with a deep shining black spot at the base of each petal. Very highly recommended.	.15
Papaver , (<i>Danebrog</i>).—New single flowering Poppy of striking effect. The appearance of the plant in growth and height being between <i>P. umbrosum</i> and the popular double-flower Garden Poppies; the flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery white spot, forming thus a white cross on scarlet ground, similar to the Danish or Swiss national banner.	.25

Pkt.

- Petunia Hybrida Maxima Flore Pleno Brillantrose.**—The most attractive and most brilliant of all double-flowering Petunias. Its lovely color, combined with its compact growth, render it an invaluable addition to every collection of these favorites; being constant in character and producing a large percentage of magnificent double flowers, it may justly be called a *first-class Novelty*. \$.50
- Petunia Grandiflora Fimbriata.**—Large flowering single-fringed Petunia. In packages comprising white, crimson, blotched, striped and veined varieties in very handsome mixture50
- Petunia Grandiflora Fimbriata, fl. pl.**—Large flowering double-fringed Petunia; splendid mixture of colors, equal to single-fringed sorts.50
- Petunia Hybrida Nana Compacta Multiflora.** (*New Dwarf Inimitable.*)—One of the most important novelties recently introduced. Each plant forms a compact and densely-branched bush 5 to 8 inches high by as much in diameter, resembling a naturally grown bouquet. The predominating color of the flower is a *brilliant* cherry-red, and each one is marked with a regularly formed white star, and is an unusually profuse bloomer; seedlings when only three inches in height begin to unfold their charming flowers.50
- Petunia Hybrida Robusta Flore Pleno.**—A new and very desirable variety of double Petunia distinguished for its semi-dwarf stature. The plants are very compact and symmetrical, attaining a diameter of 14 inches by about 11 inches in height.50
- Petunia Hybrida Illustris Flore Pleno.**—Double-flowering variety of the lovely, glossy, rosy-carmine kind introduced some years ago; constant from seed.25
- Primula, Carter's Blue, (Holborn Gem.)**—Is undoubtedly one of the most distinct and beautiful varieties of this interesting winter blooming plant yet offered to lovers of the Primulas. The truss is large, color charming.50
- Primula Sinensis Fimbriata Alba Magnifica.**—(*Primrose.*)—A great improvement on older varieties. The plants are of compact habit, and have deeply indented light green leaves. They produce abundantly large trusses of pure white flowers with a citron eye and measuring $2\frac{1}{2}$ inches across; they are of great substance and deeply and beautifully fringed.50
- Primula, (Vermilion Queen.)**—A distinct and beautiful variety, with bright vermilion-red flowers of immense size and substance thrown well above the foliage and abundantly produced; intense color and form most elegant.50
- Primula Chinensis Fimbriata Cristata Nana Rubra.**—Except in the color of its flowers this new Primula is in every respect the counterpart of the white-flowered variety with mallow-like crispate foliage; introduced two years ago.25
- Phlox Drummondii Hortensiaeflora Alba.**—This is without doubt the finest white Phlox obtained up to the present time. It is of the same dwarf and compact habit as the favorite Phlox Hortensiaeflora, and its umbels of pure white flowers are of the same unusually large variety. It blooms far more profusely than the Dwarf White Snow-ball Phlox and differs advantageously therefrom in being of more vigorous constitution, which makes it better capable of resisting the unfavorable effects of bad weather15
- Reseda Odorata Ameliorata.** (*Golden Queen.*)—A new Sweet Mignonette; an attractive and distinct variety, of dense pyramidal habit of growth. It throws up very numerous flower stalks terminated by spikes of golden yellow blossoms, with which the bright green foliage of the plant forms a pleasing contrast.35
- Silene Pendula Bonnetti Flore Pleno.**—New double-flowering variety of the handsome kind, with dark brown red leaves and bright crimson flowers.25
- Silene Pendula Compacta Rosea Flore Pleno.**—It is of dwarf compact growth, and its flowers are produced in great profusion so as to hide the foliage completely, are very double and of very long duration, rendering it thus by far more valuable for bedding purposes than any of the old single-flowered compact sorts, and is, without doubt, the finest of all double-flowering Silenes. It produces at least 60 to 75 per cent. double-flowered plants of great beauty, and is a very scarce seeder.50
- Solanum Lobelii.**—A new variety, averaging 15 inches in height and producing abundantly beautiful fruit which are as large as a plum when fully grown. While growing, the fruit undergoes a change from green to orange, becoming at maturity of a blood red color10
- Tagetes Pumila, (Golden Ring.)**—Selected from *P. pumila*; color, rich orange; habit, shorter and more compact than its progenitor; blossoms also more numerous; a really good golden orange bedding plant.25
- Torenia Fournierii.**—Charming for pot culture, vases or hanging baskets. The flower is large, sky-blue, dotted with three dark blue spots and has a bright yellow throat or centre.25
- Torenia Baillonii.**—A new free flowering variety, producing handsome flowers of a bright golden yellow with deep brownish red throat.25
- The Bride.**—Purest snow-white flowers borne in immense trusses, elegantly fimbriated, compact in habit, the snow-white blossoms contrasting with the peculiar sea-green foliage, producing a most pleasing effect.50

ECLIPSE BEET.

NOVELTIES AND SPECIALTIES
—IN—
VEGETABLE SEEDS,
For 1893.

ASPARAGUS.—The Hub.

This new Asparagus, which we are the *originators* of, we offer for the first time, feeling convinced it is superior to any yet offered for sale in this country. Being grown side by side with the *Conover Colossal*, and subject to the same treatment, *it came in earlier and grew more than twice as large*. It is very productive, throwing up a great number of strong, well developed shoots throughout the entire season.

It is tender to the stem, and of delicious flavor. It has attracted much attention in our leading restaurants, where it was placed on exhibition. A bunch of twenty-five edible shoots weighed thirteen pounds, and sold in market for \$5.00; the whole crop being sold at four times the price of any other variety. A limited quantity only of the seed and roots for sale.

The Hub Asparagus.....	Pkt.	Oz.
" " Roots.....	.15	\$.30
" " per 100.....	1.75	1.75

BEET.—Eclipse.

This new variety was originated by one of the leading seedsmen of Germany, and from what we can learn from him we consider this sort the most valuable ever introduced. It somewhat resembles the Egyptian in earliness and shape, but the former being more productive, better color, and with smaller top, makes this new sort valuable for market gardeners. Price per pkt., 10 cents; per oz., 25 cents; per lb., \$1.50.

BEAN.—Crystal White Wax.

An excellent and distinct variety of Wax Beans, the pods being long and round, of a greenish white transparent, entirely stringless, crisp and tender. It is very prolific, and when once known it will take the lead over all other wax beans. The vines are hardy, of slender growth, and covered with fine smooth foliage which conceals the pods. Price per pint, 15 cts.; per qt., 30 cts.

BRECK'S IMPROVED MANGEL WURZEL.

This new variety is the result of a careful selection from the *Mammoth Long Red* that has given such unquestionable satisfaction for the past few years. We claim our improved variety to be a better keeper, and will produce from forty to forty-five tons of beets to a measured acre of land if properly sown, weeded and manured. Price per oz., 10 cents; per lb., \$1.00.

CABBAGE.—Henderson's Early Summer.

The best *large* early Summer Cabbage, being only about ten days later than the Jersey Wakefield and fully double the size, remarkably solid and heavy. *It will keep longer without bursting open after heading than any other variety*, and we highly recommend it especially for early garden and market culture. Price per pkt., 10 cts.; per ounce, 60 cts.; per $\frac{1}{4}$ pound, \$2 00.

CAULIFLOWER.—Henderson's Snowball.

One of the very earliest and most reliable sorts. It is very dwarf, and being of compact form heads large and of superior quality. For forcing under glass during the winter and spring this variety is well adapted. It may be added that this variety does equally as well for late sowing. Price per pkt., 25 cents; per ounce, \$4.00.

CELERY.—Boston Market.

This variety has become the leading Celery in all sections of the country. It was introduced by one of our leading market gardeners some years ago. It is the most crisp, tender, sweet, fine grained celery in cultivation. Price per pkt., 10 cents; per oz., 50 cents; per lb., \$6.00.

CORN.—Potter's Excelsior.

This variety was originated by Thomas G. Potter, the originator of the *Little Red Narragansett*, and was the earliest of all corns until our Brighton Orange was offered. This variety we can highly recommend to all parties, as it is the sweetest and finest flavored corn ever introduced, and for canning purposes it is unsurpassed. Price per pkt., 15 cts.; per qt., 25 cts.

CORN.—Brighton Orange Sweet.

The latest and most important addition to our list of Sweet Corns is the *Brighton Orange*, a variety introduced by ourselves after a long and careful selection. This new variety is the result of a cross between the *Potter's Narragansett* and the *Moore's Early Concord*. It is of an orange color, twelve rowed, three to five days earlier than the *Marblehead*, and is very sweet.

It is of medium height and has from three to four ears to a stalk, having a broad dark green leaf, and is a vigorous grower. We planted this corn on our trial grounds the past season on the 12th day of June, and on the 5th day of August had corn ready for the table.

The properties which this corn contain make it the most valuable variety ever introduced. *Send in your orders early*, as we have but a limited quantity to offer. Price per pkt., 25 cts.; per pint, 45 cts.; per quart, 80 cents.

CUCUMBER.—Boston Pickling.

This variety we can highly recommend to our customers as being the finest pickling cucumber offered. It has been perfected by several years' careful selection of stock by one of our best market gardeners. As the amount offered by us this season is limited, we would advise early ordering. Price per oz., 10 cts.; per lb., \$1.00.

LETTUCE.—Boston Market. (White Seeded.)

This variety is the finest Lettuce for glass culture, and in fact is the only variety used for winter growing under glass for the general supply of the winter market. It is the most profitable and most productive for that purpose, as well as the finest for out-door culture in summer. Per oz., 75 cts.; per lb., \$8.00.

MELON, MUSK.—Hackensack.

This new melon, now offered by us for the first time, has been thoroughly tested, and is considered by all who tried, it as a most valuable acquisition. It attains a large size, is round in shape and flattened at both ends. Is of a most delicious flavor and wonderfully productive. It somewhat resembles the *Green Citron*, on which, however, it is a decided improvement. Per oz., 30 cents; per lb., \$2.00.

MELON, WATER.—Cuban Queen.

We offer this new Melon to our customers as being the largest and finest variety ever introduced. The skin is beautifully striped dark and light green. The vines are strong, healthy and vigorous in growth; flesh bright red, remarkably solid, peculiarly luscious, crisp and sugary, and its delicious flavor is unsurpassed. It is an excellent keeper, and although the rind is unusually thin bears transit well. Per oz., 25 cents; per lb., \$2.50.

ONION.—Buxton's Yellow Danvers.

This very popular variety originated by DANIEL BUXTON, of Danvers, Mass. This onion has gained a word-wide reputation, and is to-day our leading market variety.

The *Onion* being a very important crop, market gardeners and others planting a small or large area of land, should be careful and procure seed known to be true, and growth of 1882.

We take considerable pleasure and pride in informing our customers that our Onion Seed Stock was grown by Mr. BUXTON, the originator of the celebrated variety known by his name, two years ago. This stock was then planted on our own farm, and produced the onions which we planted the past season, and we now have to offer a limited quantity of the seed, which is unsurpassed in quality and productiveness, having produced on one measured acre of land, 1154 bushels. Price \$2.00 per lb., post-paid.

WINSLOW SEEDLING.

PRICE LIST OF POTATOES.

(Prices subject to market changes.)

ALL orders for Potatoes, unless from regular customers, must be accompanied by the money. We will not send Potatoes C. O. D. Orders will be filled in rotation as soon as the weather will permit.

	Peck.	Bush.	Barrel.
WINSLOW SEEDLING.....	\$.75	\$2.00	\$5.00
EARLY GEM.....	3.00	9.00	18.00
ST. PATRICK.....	.75	2.25	5.00
BELLE.....	.75	2.00	4.75
MAMMOTH PEARL.....	.75	2.00	5.00
CLARK'S No. 1.....	.75	2.25	5.00
WHITE STAR.....	1.00	3.00	5.50
BEAUTY OF HEBRON.....	.75	2.25	5.00
EARLY OHIO.....	.75	2.00	4.50
" VERMONT.....	.75	2.25	5.00
" SNOWFLAKE.....	.75	2.00	4.50
" ROSE.....	.75	2.00	4.00
CHICAGO MARKET.....	.75	2.25	5.00
WHITE ELEPHANT.....	.75	2.50	5.00
MAGNUM BONUM.....	.75	2.25	4.00

WINSLOW'S SEEDLING.

This new and very promising variety originated in Essex County four years ago. Having tested it the past season with Clark's No. 1, Beauty of Hebron, and Mammoth Pearl, we find it compares favorably with these celebrated varieties, and believing it to be one of our best varieties, we offer it to our customers this season. The tubers are large and uniform in size, of a light pink color, eyes shallow and well scattered over the potato. It is of excellent flavor, and possesses the very valuable quality of cooking dry and floury when but partly grown. All those who have tried it for the past two years speak of its productiveness as being unsurpassed.

EARLY GEM.

This is one of the best early Potatoes we have ever grown. It is excellent in quality, of medium size, in form oval-oblong, with eyes few and shallow. In color very light pink or flesh. It cooks better than any early variety we have ever tested. Can be cooked while the vines are still green. The quality is excellent. The flesh is white, of fine grain and mealy.

ST. PATRICK.

A very handsome, white skinned variety, yielding tubers of a medium, uniform size, with few eyes and those almost even with the surface. For table use it is excellent either baked or boiled, being dry and mealy.

BELLE.

This variety was first offered to the public some two years ago, and the satisfaction it has given all who have tried them, assures us in offering them to our customers this season. They are a stout, vigorous grower of good quality and of handsome appearance, the vines nearly covering the ground and sheltering the hills from the sun. They are enormous yielders, with but few small potatoes. It would be well for all those who grow potatoes to try this variety.

MAMMOTH PEARL.

We think that any one who tries this variety will be well pleased with its good qualities; the vines are very large and strong growing, so that in many cases they outstrip the bugs and produce a large crop in spite of them. The tubers, which ripen in August, are large, oblong, usually a little flattened, very smooth and uniform, eyes even with the surface, skin very white, flesh as white as that of any variety, and cooks as white as snow to the very centre.

CLARK'S No. 1.

This Seedling originated in Londonderry, N. H., and has proved to be one of the best potatoes ever introduced, being earlier than the Early Rose; cooks mealy, and is of fine flavor; it is wonderfully productive, and is in great demand.

WHITE STAR.

This new variety has become one of our leading sorts. It is medium early and a remarkable keeper. The vines are strong, stocky, and vigorous, foliage is dense and dark green, the tubers are oblong, large, uniform, and handsome, while in yield it has proved remarkably prolific, and so far has resisted blight.

BEAUTY OF HEBRON.

This variety ranks in quality and productiveness next to Clark's No. 1; it is similar to that in shape but rather lighter in color. It is earlier than the Early Rose, and will yield a much larger crop. The past season has proved it to be one of our very best varieties, and it has given excellent satisfaction to all who have tried it.

EARLY OHIO.

This variety is a few days earlier than the Early Rose, and similar in color and habit of growth. Is more productive and equally as good for the table and market purposes.

EARLY VERMONT.

Is very similar to the Early Rose in form and color. The tubers are large and uniform in size. Superior in cooking qualities.

EARLY SNOWFLAKE.

An old variety, ripening about the time of Early Rose. Tubers of medium size, oblong, somewhat flattened; very uniform, and eyes quite even with the surface. Skin white, with a russet tinge. Either baked or boiled it is dry and mealy and of fine flavor.

EARLY ROSE.

This variety is so well known that it needs no description, having been in cultivation for the last ten or twelve years. Our stock is true, not the mixture generally to be found in the market.

CHICAGO MARKET.

This is one of the best Potatoes in cultivation, either for family use or for market. The tubers are large and uniform in size, growing compactly in the hill, with eyes shallow and few in number. The flesh is dry and of excellent flavor. This Potato is wonderfully productive, and succeeds well on all soils, so far as we can learn. We have grown it five years with the greatest satisfaction. The skin is light flesh color, but partially covered with a russet coating. The flesh is white. Is earlier than the Early Rose.

WHITE ELEPHANT.

An excellent variety, growing very large and long. Color light pink, with a white blotch around the eyes, which are quite numerous and slightly depressed. Although tubers grow to immense size they are not hollow. Very desirable on account of productiveness. Is of good quality.

MAGNUM BONUM.

Tubers medium to large; very uniform in size, with few eyes quite deeply set at the seed end, which is almost square. Produces but few small tubers, and is of fair quality.

SQUASH. Perfect Gem.

The vines of this variety grow at first like those of the summer squash, and usually produce a few fruits near the root; if these are picked when green and used like summer squash, the plant will throw out her long runners, bearing a great number of squashes which may be allowed to ripen. The fruits are small, nearly round, slightly ribbed, and have a thin, smooth, creamy-white skin. The flesh is fine-grained, dry, very sweet, and of delicious flavor. It is remarkable for its keeping qualities. Price per pkt., 10 cents; per oz., 15 cents; per lb., \$2.25.

TURNIP.**New Extra Early Purple Top Munich.**

Awarded a first-class Certificate by the Royal Horticultural Society, of England.

This is a remarkably handsome and very early turnip, with a bright purplish-red top and fine mouse-tail root. Very distinct and valuable. It has been grown during the past season in the garden of the Royal Horticultural Society, at Chiswick, where it was proved to be about three weeks earlier than any other variety sown on the same day side by side with it. Price per packet, 5 cents; per ounce, 10 cents; per pound, \$1.25.

TOMATO.—Livingston's Favorite.

Three of the best tomatoes ever introduced, the Paragon, Acme and Perfection, were originated by Mr. Livingston; he now offers for the first time *Livingston's Favorite*, properly named in consequence of its containing so many of the good points sought after by market gardeners and other growers. It is the *largest perfect shaped* tomato in cultivation, smoother than the Paragon, does not crack or rot like the Acme, is a darker red than the Perfection, ripens evenly and as early as any good variety, holding its size to the end of the season; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. (*See cut.*) Price per pkt., 25 cents.

BRECK'S EXCELSIOR PEA.

We take pleasure in offering our customers the BRECK'S EXCELSIOR PEA, which we feel satisfied is the *earliest pea grown of any variety*. It requires no bushing, and is of a delicate sweet flavor and unequalled in productiveness. ON OUR TRIAL GROUNDS LAST SEASON IT PRODUCED 246 BUSHELS OF PODS ON ONE MEASURED ACRE OF LAND. It somewhat resembles the early Caractacus and Early Dexter, but is surely six to ten days earlier. Price, $\frac{1}{2}$ pint pkt., 20 cents; 1 pint pkt., 35 cents; 1 quart pkt., 60 cents.

TESTIMONIALS.

Hon. Marshall P. Wilder speaks of the "Excelsior" as follows:

Gentlemen :—Your "Excelsior Pea" had the earliest well-filled pods of the ten other kinds which I had on trial this year. I was much pleased with its habit and quality.

MARSHALL P. WILDER.

SPRING HILL, SOMERVILLE, MASS., August 19, 1882.

MESSRS. JOSEPH BRECK & SONS, BOSTON, MASS.

Dear Sirs :—The early peas I bought of you last spring, called the "Breck's Excelsior," proved to be the best early peas I ever raised, being of good size, fine flavor, and great yielders.

Yours very respectfully,

R. P. BENTON.

BOSTON, August 21, 1882.

MESSRS. JOSEPH BRECK & SONS, Seedsmen,

Gentlemen :—I desire to express to you my unqualified praise for recommending to me the planting of "Breck's Excelsior Early Pea." The quality and yield have far surpassed my anticipation. The fine flavor and color when cooked always made them most appetizing. Therefore at the commencement of another season I shall make this new variety one of my standard sorts for early planting.

Respectfully yours,

M. W. CHADBOURNE.

DORCHESTER, MASS., August 20, 1882.

MESSRS. JOSEPH BRECK & SONS, Seedsmen,

Gentlemen :—I wish to express to you the great satisfaction I have had by growing the "Breck's Excelsior Early Peas" in an unfavorable season. Though planted late, and no especial care given them, the yield has been most satisfactory and the quality fine. The peculiar neatness and habit of growth, *in my estimation*, makes the variety one of the very best for early planting.

Respectfully yours,

MANLEY W. CAIN.

OUR IMPLEMENT DEPARTMENT.

For the season of 1883 we have enlarged and improved this department, and are prepared to supply the BEST IMPLEMENTS AND MACHINERY MADE, for use on the Farm, Garden and Lawn. In the following pages we bring to your notice only a few of our specialties, which are very useful.

On anything you may need, not shown here, we invite your correspondence, and will use every endeavor to provide for your wants. We will mail circulars of any machine wanted, on application.

ENGLISH CUTLERY.

SAYNOR, COOKE & RIDAL'S

Grass and Hedge Shears.

No. 100,	7½ inch	Grass Shears	.....	per pair,	\$1.50
" " 8	" "	" "	.....	" "	1.60
" " 9	" "	" "	.....	" "	1.90
" " 10	" "	" "	.....	" "	2.25
" 101,	7½	" Hedge " Notched	.....	" "	1.75
" " 8	" "	" "	.....	" "	1.85
" " 9	" "	" "	.....	" "	2.15
" " 10	" "	" "	.....	" "	2.50
" 104,	9	" Long Handle Border Shears	.....	" "	3.00
" " 10	" "	" "	.....	" "	3.50
" 105,	9	" " " " with Wheel	.....	" "	3.50
" " 10	" "	" "	.....	" "	4.00

The above cannot be sent by mail.

WM. WILKINSON & SONS'

Sheep Shears.

No.			5 in.	5½ in.	6 in.
No. 5,	one-half polished, single spring	each,	\$.75	\$.85	\$.95
" 3766,	" " " " " " " "	.....	.90	1.00	1.10
" 3770,	full polished, single spring, swedged "True Vermonter,"	.....	1.25	1.30	1.45
" 122,	glazed blade, trowel shank, swedged	.....	1.00	1.15	1.25

Add 12 cents per pair for postage.

Florists' Scissors.

No.			5 in.	6 in.	7 in.	8 in.
No. 112,	Vine Scissors	each,	\$.85	\$.95	\$ 1.10	
" 111,	Flower Gatherers	.....	.90	1.15	1.35	
" 110,	Pruning or Bow Scissors	.....	\$ .85	1.00	1.15	

Add 6 cents per pair for postage.

PRUNING AND BUDDING KNIVES.

ENGLISH.

Saynor, Cooke & Ridal.—Paxton Works.

No. 190,	Buck-Horn Handled Pruning Knives, large	each,	\$1.75
" 312,	" " " " " " " " Peach	.....	1.50
" 187BC,	" " " " " " " " Medium	.....	1.50
" 1NB,	Budding Knives, Ivory Handled	.....	1.65
" 323,	" " " " " " " "	.....	1.70
" 204,	" " " " " " " "	.....	1.80

AMERICAN.

A. Burkinshaw.

No. 322,	Budding, Ebony Handle, 2 blades	each,	\$1.20
" 323,	" " " " 1 blade	.....	.80

AMERICAN KNIFE COMPANY.

No. 141,	Cocoa Handle, Pruning	each,	\$.80
" 141,	Stag	.....	1.25
" 142,	Cocoa	.....	1.00
" 142,	Stag	.....	1.50

Add 4 cents per knife for postage.

SYRINGES.

Tin, extra heavyeach, \$.75
 Brass, No. A, Nozzle and Rose, 12 in. long, 1 in. diameter " 2.00

ENGLISH.

Brass Syringes.

All these Syringes have the side attachments to which the Roses are screwed. This is very desirable, as it prevents loss of Roses.

No. 7, 16 inch Barrel, 1 1/4 inch diameter, straight stream and Rose.....price, \$4.00
 No. 2 1/2, 18 inch Barrel, 1 1/2 inch diameter, straight stream and 2 Roses....." 6.00
 No. 3, 18 inch barrel, 1 1/2 inch diameter, straight stream and 2 Roses, improved Ball Valve....." 7.00
 No. 4, 18 in. Barrel, 1 1/2 inch diameter, straight stream, 2 Roses and Elbow—Improved Ball Valve....." 8.00
 No. 5, 18 inch Barrel, 1 1/2 inch diameter, straight stream, 2 Roses, Knuckle Joint, and Improved Ball Valve....." 9.00

Syringes can best be forwarded by Express.

NOYES' HAND WEEDER.

Noyes' Patent.....price, each \$.30
 Especially adapted for onion growers.

Add 5 cents each for postage.

GARDEN TROWELS.

Cast Steel Polished Blades and Rivetted Shanks, of superior workmanship and finish, 5, 6, 7 and 8 inches. Price, 15, 20, 20 and 25 cents each.

Add 6 cents each for postage.

EXCELSIOR WEEDING HOOK.

The handiest weeder ever invented. Its use prevents soiling the hands.

Price.....each \$.20

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SILVER MILKING TUBES.

Price, including postage.....each \$.75

Every owner of cows should keep one of these handy.

PRUNING TOOLS.

TAYLOR'S PRUNING SHEARS.

These are the best cheap Pruning Shears ever invented.....price per pair, \$.75

Add 13 cents per pair for postage.

WESTCHESTER PRUNING SHEARS.

The strongest and most desirable Pruning Shears made in America; will last a lifetime.

Price.....per pair, black, \$1.10
 "polished, 1.25

Add 15 cents per pair for postage.

THE PHILADELPHIA LAWN MOWERS. 1883.

It is with great pleasure that we again present our customers with the BEST LAWN MOWER IN THE WORLD. The market is crowded with poor imitations of the Philadelphia, which, in some patterns, work very well the first year they are in use, but afterwards have to be thrown in with the old iron and sold as such. On the other hand, we daily find Philadelphias that have been in active service from seven to ten years, and are giving good satisfaction today.

After competing with every other Lawn Mower made, the fact that the Philadelphia was the only one retained and used on the Boston Common and Public Gardens, shows its superiority over all other machines. We earnestly recommend those in search of a Lawn Mower to examine carefully the merits of the Philadelphia, and we feel confident that they will purchase no other. Following will be found our net retail price list, and description of the places to which each of the different styles is best adapted.

As our space is limited we cannot describe the Lawn Sweepers and Horse Lawn Mowers, but will, on application, mail circulars fully covering the same.

NET RETAIL PRICE LIST.

HAND MACHINES.

Style.	Width of Cut.	Weight.	Net.
"THE CITY."	10 inches.	22 pounds.	\$9.00
" " "	12 "	24 "	10.00
" " "	14 "	26 "	11.00
Style D. 10 inches.	6½ inch Wheels.	26 "	10.00
" D. 12 "	6½ " "	28 "	12.00
" D. 14 "	6½ " "	30 "	14.00

This style especially recommended for small places.

Style M. 14 inches.	7 inch Wheels.	36 pounds.	14.00
" M. 16 "	7 " "	38 "	15.50

This style having silent ratchets is especially recommended for private grounds.

Style M. 18 inches.	7 inch Wheels.	44 pounds.	17.00
" M. 20 "	7 " "	46 "	18.50
" 1879. 15 "	8½ " "	51 "	15.50

This style having spring ratchets is especially recommended for parks and public grounds.

Style H. 14 inches.	7 inch Wheels.	37 pounds.	14.00
" H. 16 "	7 " "	39 "	15.50
" H. 18 "	7 " "	44 "	17.00

Attachment for collecting the cut grass..... 9.00

This style has an open wiper and runs at high speed.

HORSE LAWN MOWERS.

30 inch, with Draft Rod, Light Horse, 315 pounds.....	\$85.00
30 " " Shafts and Seat, Light Horse, 350 pounds.....	100.00
36 " " " " " " 450 "	150.00

PHILADELPHIA LAWN SWEEPERS.

Hand Machine Sweepers, 24 inches wide.....	\$18.00
Horse " " " 40 " "	70.00

THE PLANET Jr. FARM AND GARDEN IMPLEMENTS.

Any implement that will save time and labor and make better crops, is needed by every practical kitchen and market gardener. Believing the Planet Jr., to do this, we bring them to your notice.

THE PLANET Jr.

Combined Drill, Wheel Hoe, Wheel Cultivator and Wheel Plow.

roller and using the hilling hoes, seed can be dropped and covered very deeply. Price, \$12.50.

THE PLANET Jr. SEED DRILL, NO. 2.

go farther to explain and convince of the value of the Planet Jr. Seed Drills than any noisy claim, that we made the best drill in the world, could do. Price, \$10.50.

THE PLANET Jr.

Double Wheel Hoe, Wheel Cultivator and Wheel Plow.

Hoeing is one of the most laborious, tedious, and costly portions of farm and garden work, yet since it is one of the most necessary, it will repay all to avail themselves of improved implements to save in this direction. Our Double Wheel Hoe has long been a favorite, and it will pay those who have never tried one or seen its work, to study out its value. Each Double Wheel Hoe is supplied as follows:—One pair of long hoes with front ends curved forward to protect the smallest plants from danger; one pair of small, neat plows and two pairs of cultivator teeth. All the teeth are steel, hardened in oil, tempered and polished.

Price..... \$9.00

ENDIVE.

German, *Endivien*.—French, *Chicoree*.—Spanish, *Endivia*.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. Gather up the leaves and tie them by their tips in a conical form with bass matting. The inner leaves, in the course of from three to six weeks, according to the temperature at the time, become blanched.

	Pkt.	Oz.	Lb.
Moss Curled, a beautiful curled variety of fine quality.....	.05	.25	\$2.50
Broad Leaved Batavian, (Escarolle). Chiefly used in soups and stews; requires to be tied up for blanching.....	.05	.20	2.25
Green Curled, very hardy; leaves dark green, tender and crisp.	.10	.25	2.50
White Curled, leaves pale green; should be used when young.....	.10	.35	3.50

GARLIC.

German, *Knoblauch*.—French, *Ail*.—Spanish, *Ajo*.

A species of onion propagated by off-sets; used for flavoring soups, stews, and other dishes. Divide a bulb into small parts and plant them in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the onion.

Garlic Sets.....Per lb., 40c

KALE. See Borecole.

KOHL-RABI.

German, *Kohl-Rabi*.—French, *Chou-Rave*.—Spanish, *Col de nabo*.

Kohl-Rabi, or Turnip-Stemmed Cabbage is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like turnips, and is very delicate and tender. The seeds may be sown at the same period as the Swedish or Ruta Baga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the spring—even later than those of the Swedes.

	Pkt.	Oz.	Lb.
Early White Vienna, flesh white and tender; the best market sort, excellent for table use.....	.05	.30	\$3.50
Early Purple Vienna, differing from the above in color, which is of a bluish purple.....	.10	.40	4.00

LEEK.

German, *Lauch*.—French, *Poireau*.—Spanish, *Puerro*.

Sow in April on a well-prepared piece of ground and transplant in June into rows fifteen inches apart, and four or six inches from each other in the rows. Hoe up the earth about the stems as they continue to grow so as to blanch them and make them tender. Cutting off the tops of the leaves three or four different times in the season is beneficial, as it makes them throw out new heart leaves. The soil should be rich but not fresh manured.

	Pkt.	Oz.	Lb.
Large Flag, (imported), a large growing variety, with broad, thick leaves.....	.05	.25	\$2.00
Giant Carentan, a mammoth growing variety of excellent quality.....	.10	.30	3 00
Musselburgh, grows to a large size.....	.10	.35	4.00

LETTUCE.

German, *Lattich-Salad*.—French, *Laitue*.—Spanish, *Lechuga*.

Lettuce is easy of cultivation, but likes a good, rich soil. For early use sow under glass in February and March, and transplant in a well-prepared bed as soon as the ground can be worked. Later sowings may be made in the open ground, at intervals of two weeks, for succession, as long as the weather permits; thin out well and set in rows two feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

	Pkt.	Oz.	1-4 Lb.
Green Fringed, a new variety, of a delicate and peculiar shade of green, producing an abundance of tender leaves fit for use nearly all summer. It is very ornamental on the table, and desirable for market or family use...	.10	.30	\$1.00

	Pkt.	Oz.	Lb.
American Gathering Head , of recent introduction, proving very desirable; it somewhat resembles the cabbage variety, growing to immense size; remaining very tender and crisp throughout the entire season. It has an exceedingly pleasant flavor, and with its curled light green leaves edged with violet, forms a beautiful and ornamental object.....	.10	.30	\$1.00
Early Curled Simpson , an improved variety of the Silesia, and an excellent sort for forcing, or for early out-door culture.....	.05	.20	.75
Early Curled Silesia , a good early variety, leaves large, light yellow, wrinkled	.05	.20	.75
Tennis Ball , (black seeded,) well formed heads, hardy and crisp, of excellent quality; one of the earliest of the heading varieties and very popular among Boston market gardeners for summer growing.....	.05	.40	1.50
Boston Market Head , (true), for glass culture; a superb variety, grows very compact, and is beautifully white and crisp; the best for forcing.....	.10	.50	7.00
Large White Summer Cabbage , excellent for summer; heads of good size, close and well formed.....	.05	.30	2.00
Drumhead, or Malta , heads very large, crisp, tender, and of good flavor; one of the best summer varieties.....	.05	.25	2.00
Boston Curled , a variety of superior quality and great beauty, ornamental in growth, being exceedingly curled.....	.05	.40	5.00
All the Year Round , a hardy, crisp eating and compact growing variety, with small close heads of a dark green color; an excellent summer lettuce, and valuable for forcing.....	.05	.30	3.00
Paris White Cos , one of the best of the upright varieties; tender and crisp; should be tied up to insure blanching.....	.05	.25	2.50
Hanson , one of the best varieties in cultivation; heads large, solid, heavy, and very crisp and tender, the leaves are of a beautiful green outside and white within; endures the summer heat well.....	.05	.20	1.50
Brown Dutch , heads of medium size and good quality, hardy and good for winter use.....	.05	.20	1.50

MARTYNIA.

The seed pods are used for pickling, and should be gathered green while tender. Sow in the open ground in May, and transplant two feet apart.

	Pkt.	Oz.	Lb.
Martynia Proboscidea	.05	.30	\$3.00

MUSK MELON.

German, *Melone*.—French, *Melon*.—Spanish, *Melon*.

Melons like a moderately enriched light soil. Plant late in spring in hills, well mixed with thoroughly rooted compost, five or six feet apart each way, twelve or fifteen seeds in each hill, and when well up thin out three or four of the best plants. Pinch off the ends of the shoots as the growth becomes too luxuriant, it will strengthen the vine and cause the fruit to ripen quicker.

	Pkt.	Oz.	Lb.
Green Citron , fruit medium size, deeply netted, flesh green and of a rich delicious flavor.....	.05	.15	\$1.00
Nutmeg , fruit nutmeg shape; skin green deep, finely netted; flesh greenish yellow, rich and sugary.....	.05	.15	1.00
Early Christiana , green with yellow flesh. It is ten days earlier than the Nutmeg, of fine flavor, and a most excellent sort. It is very early, which renders it particularly valuable for a Northern climate.....	.05	.15	1.00
Skillman's Netted , form roundish oval; flesh deep green, sweet and richly perfumed: an early and delicious variety.....	.05	.15	1.00
Pineapple , medium size, dark green oval, netted, flesh thick, sweet and juicy..	.05	.15	1.00
Casaba , a large variety of delicious flavor; one of the finest varieties grown..	.05	.15	1.00
White Japan , an early medium-sized roundish variety; skin cream white and fine flavored.....	.05	.15	1.00
Large Yellow Cantaloupe , flesh reddish orange, sweet and of good flavor; an early and productive variety.....	.05	.15	1.00
Large Yellow Musk , a very large variety, deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Used in the green state for "Mangoes.".....	.05	.15	1.00
Surprise , this is a new variety and noted for its fine musky flavor; medium size, flesh bright yellow and comes highly recommended from persons who have grown it.....	.10	.25	2.00
Arlington Green Fleshed , an oval green fleshed and very highly flavored sort; very popular among market gardeners.....	.05	.15	1.50

BRUSSELS SPROUTS.

MUSHROOM.

CASABA MUSK MELON.

SURPRISE MUSK MELON (*new*).

GREEN CITRON MUSK MELON.

	Pkt.	Oz.	Lb.
Bay View Hybrid. The introducer says "that it is the largest, most prolific, best flavored and finest cantaloupe grown. With ordinary cultivation it will grow from 10 to 15 lbs., in weight, while with extra cultivation it will weigh 17 to 20 lbs., with a length of from 16 to 18 inches. In quality and flavor it excels all other varieties of cantaloupes. It is peculiarly luscious and sweet. It will yield from 3000 to 4000 melons, or from 15 to 20 tons or more to the acre. It is the most hardy melon known. The leaves measure <i>eight inches in diameter</i> , and the vines will grow 12 to 15 feet or more in length. As a market melon, wherever introduced it sells at extra price on account of its beauty, size and fine quality. It is only about five days later than the small Early Jenny Lind. It can be picked quite green, will ripen up finely and carry safely for a long distance."....	.05	.15	\$1.00
Hackensack, the most popular variety of Musk Melon grown by market gardeners in this vicinity. It attains a large size, is round in shape and flattened at the ends; is of most delicious flavor and wonderfully productive. It somewhat resembles the Green Citron, on which, however, it is a decided improvement.....	.05	.15	1.50
Burpee's Netted Gem, in shape it is almost a perfect globe, growing <i>remarkably uniform in size</i> , weighing from 1¼ to 1¾ pounds each. It is thick meated, the flesh being light-green in color and <i>uniformly of fine, luscious flavor</i> ; skin green, regularly ribbed and thickly netted. It is almost as solid as a cannon ball, and will keep well five to seven days after picking. It is also <i>extra early in ripening</i> —no variety being earlier, and far surpasses in uniformity of shape, delicious flavor, handsome appearance, productiveness and fine keeping qualities, any other small musk melon, and cannot fail to prove <i>the most profitable that can be raised</i>	.10	.25	2.00

MELON, WATER.

French, *Melon d' eau*. German, *Wassermelone*.

The Water Melon is a tropical fruit, and can be produced to perfection only on warm, light soil, and under a bright hot sun. Although the finest melons are produced on light sandy soil of pure quality, a vigorous start for the young vines is necessary, and for this we need a hill of rich earth, similar to that for cucumbers. If very large fruit is desired, pick off all but one of the fruit.

	Pkt.	Oz.	Lb.
Phinney, a bright red flesh, sweet, tender and well-flavored; fine market variety.....	.10	.15	\$1.00
Gipsev, a very superior variety; oblong, light green, beautifully mottled and striped with white; flesh scarlet, very solid and of delicious flavor; one of the best market varieties.....	.05	.10	.80
Black Spanish, round, very dark green, with scarlet flesh and black seeds. Very thin rind, rich sugary flavor.....	.05	.10	.80
Mountain Sweet, one of the very best for general culture; color dark green, rind thin, flesh scarlet, solid, very sweet and delicious.....	.05	.10	.80
Mountain Sprout, or Long Carolina, a large, long, striped variety, with bright scarlet flesh and drab-colored seeds.....	.05	.10	.80
Ice Cream, medium size, nearly round, color pale green, white seed, thin rind; flesh solid, scarlet, crisp, of delicious flavor.....	.10	.20	1.50
Vick's Early, a long, smooth, rather small variety, highly prized for its earliness; oblong in shape, size medium, flesh bright pink, sweet and solid..	.05	.10	1.00
Apple Pie Melon, when stewed and made into pies, it is an excellent substitute for apples. Keeps till May. Directions for cooking accompany each packet.....	.10	.20	1.50
Citron, for preserving; grows uniformly round and smooth; striped and marbled with light green; flesh white and solid, seeds red.....	.05	.10	1.00
Cuban Queen, this is certainly the largest and finest variety ever introduced. The skin is beautifully striped dark and light green. The vines are strong, healthy and vigorous in growth; flesh bright red, remarkably solid, peculiarly luscious, crisp and sugary, and in delicious flavor is unsurpassed. It is an excellent keeper, and, although the rind is unusually thin, bears transit well.....	.15	.25	2.00
Persian, pale green with dark strips; crimson flesh, of fine texture, and delicious flavor; can be taken off the vine to ripen and will keep till winter.	.15	.25	2.00
Excelsior, resembles the Mountain Sprout, being beautifully marked with bright green stripes. The flesh is a bright red, very delicate and sweet, while in size it is one of the largest now sold.....	.10	.25	1.50
Peerless, this is unquestionably the best water melon in cultivation. Of medium size, thin rind, light mottled green; flesh bright scarlet, solid to the centre, crisp, melting and sweet as honey.....	.05	.10	1.00

Southern Rattlesnake, an exceedingly popular variety, on account of its fine shipping qualities; of oblong shape; light green color, beautifully striped; remarkably thin rind, giving a deep flesh, which is scarlet, solid, and deliciously sweet.....

Pkt.	Oz.	Lb.
.10	.15	\$1.50

MUSHROOM.

German, *Champignon*.—French, *Champignon*.—Spanish, *Hongo*.

Mushrooms may be cultivated much easier than is generally supposed. They may be grown in a cellar or shed, or in beds prepared in the open air in the same manner as hot-beds. Take fresh horse manure, add to every barrow load about the same weight of fresh loam that has not been manured, shake the whole well apart, and lay it into a heap to ferment. Turn and *mix it well every three or four days*, by shaking together the outside of the heap which is cold, and the inside which is hot, so that every part of it may be equally fermented and deprived of its noxious quality. When the dung is in a fit state to be made into a bed, which will be in two or three weeks after it has been put together to ferment, select a dry spot for a foundation. Mark out the bed, which should be four feet wide, and as long as you choose to make it. In making the bed first spread over it a thin layer of the prepared dung; pound this firmly down with a brick, then another layer pounded down as before, and so on until the bed reaches a depth of eight inches, *no more and no less*. In this state it may remain until the temperature is about 74 degrees. Divide the large cakes of spawn into small lumps, plant two inches below the surface six inches apart, let it remain in this condition ten or twelve days, then cover with two inches of fine light soil, and press down evenly and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season. After the bed has been spawned do not water unless quite dry; use lukewarm water only. Price, 15 cents per pound; 8 pounds for \$1.00 in bricks; by mail, 30 cents per pound.

MUSTARD.

German, *Senf*.—French, *Moutarde*.—Spanish, *Mostaza*.

Cultivated as a salad. The leaves are used like cress, when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the green-house, or in a frame.

	Oz.	Lb.
White London ,.....	.05	\$.30
Brown or Black , more pungent in flavor than the white.....	.05	.30
Chinese , leaves twice the size of the ordinary White Mustard, of a deeper green, flavor pleasantly sweet and pungent, and profitable as a salad.....	.15	.50

NASTURTIUM, or INDIAN CRESS.

German, *Indianische Kresse*.—French, *Capucine*.—Spanish, *Capuchina*.

Cultivated both for use and ornament; the seeds, while young and succulent are pickled and used as capers. The young leaves are also useful in salads. Its beautiful scarlet and orange colored flowers, which bloom freely all summer, add a charm to the garden.

	Pkt.	Oz.	Lb.
Tall , excellent for covering fences, trellis work, &c.....	.05	.15	\$1.50
Dwarf , good for borders.....	.05	.30	3.00

OKRA, or GUMBO.

German, *Essbarer*.—French, *Gumbo*.—Spanish, *Quibombo*.

This vegetable is extensively used wherever its merits are known; its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, setting the plants from two to three feet apart.

	Pkt.	Oz.	Lb.
Improved Dwarf Green , early and productive.....	.05	.10	\$1.00
Tall White , about six feet high; pods eight to ten inches long, an inch and a half thick at the stem tapering to a point.....	.05	.10	1.00

ONION.

German, *Zwiebel*.—French, *Oignon*.—Spanish, *Cebolla*.

The Onion is one of the best products of the garden. It thrives best in a rather strong, deep, rich, loamy soil, and succeeds well when cultivated on the same ground for successive years. The ground should be well enriched with very old stable manure or compost, or what is better, deeply trenched and manured the previous autumn, and laid upon ridges during the winter to soften. As early in spring as the ground is in working order, level the same with an iron rake, and tread

it firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and finish by pressing the earth well upon the seed with a board laid lengthwise on the row and walking across it. When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open, and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs.

	Pkt.	Oz.	Lb.
Early Large Red, this variety ripens about ten days earlier than the Large Wethersfield, and is rather smaller in size but close-grained and heavy; it is mild in flavor, a good keeper, and in all respects an excellent variety	.05	.25	\$2.00
Large Red Wethersfield, of large size, deep in color, and an excellent keeper	.05	.25	2.00
Red Globe, a fine globe shaped onion of superior quality	.05	.35	3.00
Yellow Danvers, a very excellent variety of globular shape, flesh white and mild flavored, skin brownish yellow. It is very productive and a good keeper	.05	.25	2.00
White Portugal, a handsome onion of mild flavor, fine for early winter use, and much used for pickling when small. It is not a good keeper	.05	.25	2.00
White Globe, similar to the preceding in shape, skin white, mild and pleasant in flavor and keeps well	.05	.25	2.00
New Queen, early, a silver-skinned variety of quick growth and remarkable keeping qualities. If sown in the spring it will produce onions from one to two inches in diameter early in the summer, and if sown in July it will be ready to pull late in the same year, and be sound and fit for use until the following summer	.05	.25	2.50
Giant Rocca, a splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor. Bulbs have been exhibited weighing three and one-half pounds	.05	.30	2.50
Mammoth Red Tripoli, grows to enormous size, mild flavor, and of good keeping quality	.05	.30	3.00
Large White Italian Tripoli, a new and excellent variety of quick growth and mild flavor	.05	.30	2.00
New Neapolitan Marzajola, one of the earliest onions in cultivation; it is a white-skinned Italian variety, and an excellent keeper	.05	.30	3.00
Yellow Dutch, one of the oldest varieties; the "Silver Skin" of the Eastern States; a good keeper and well flavored	.05	.30	2.00

ONION SETS.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets, the onions can be used in the green state in June, or they will be ripened off by July. Sets are produced by sowing the seed as early as the ground can be worked in the spring, very thickly in beds or drills; and about the middle of July, or whenever the tops die down, the small bulbs, or sets, are gathered and kept spread thinly in a cold, dry cellar or loft, until the following spring. The Potato and Top Onions are grown *only* from bulbs.

	Qt.	Pk.
White Onion Sets	.35	\$2.00
Yellow Onion Sets	.30	2.00
Potato Onions	.35	2.00
Top, or Button Onions	.35	2.00

ORACHE, or MOUNTAIN SPINACH.

German, *Garten melde*.—French, *Aroche*.—Spanish, *Espinaca*.

This plant flourishes best in a rich, moist soil, in open ground. The seed may be sown about the end of September, and again in the spring for succession, in drills six inches apart. When the seedlings are about an inch high thin them to six inches apart and those removed may be planted out at the same distance in a similar situation, and watered occasionally if needed, until established. The leaves must be gathered for use while young, otherwise they will be worthless and stringy. One ounce will sow one hundred feet of row. The leaves of the Orache are cooked and eaten in the same manner as spinach, to which it is preferred by many persons.

	Pkt.	Oz.	Lb.
White	.10	.15	\$1.50

PARSNIP.

German, *Pastinake*.—French, *Panais*.—Spanish, *Pastinaca*.

Sow thick in April, in rows twelve inches apart and one inch deep, in a rich deep soil well manured the previous fall, or with fine dung early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots they are improved by

HANSON LETTUCE.

WHITE COS LETTUCE.

MARTYNIA PROBOSCIDIA.

RED WETHERSFIELD ONION.

frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required.

	Pkt.	Oz.	Lb.
Long Smooth, or Hollow Crown, best for general use.....	.05	.10	\$.75
The Student, a fine flavored variety.....	.05	.10	.75
Early Round, an early variety, but of small size.....	.05	.10	.75

BRECK'S EXCELSIOR PEA. (*See Novelties.*)

PEAS.

German, *Erbse*.—French, *Pois*.—Spanish, *Chicaros*.

The planting for an early crop of garden peas should be made in the spring, as soon as the ground can be worked, in a warm, dry situation, and covered about three inches. The ground must be manured the year previous, or the peas will be apt to grow too much to straw. Use thoroughly decomposed manure, if any, just before planting. The height to which all peas grow depends in a great measure upon the richness of the soil and the wetness of the season. They are usually planted in double rows from three to four feet apart, and those requiring it, bushed when about six inches high. The large and later sorts do better at a greater distance apart, leaving a broad space for planting low-growing vegetables between. They should be kept clean and earthed up twice in their growth. As soon as the peas are gathered the straw must be pulled and removed. In dry weather the peas should be soaked five or six hours before planting, and if the ground is very dry they should be watered in the drills. From one to two bushels are generally required to an acre; one quart of the smaller sorts will sow about 120 feet, and of the larger sorts about 200 feet of drill.

	Pt.	Qt.	Pk.	Bu.
Caractacus, (extra early) a very early productive pea, of good flavor; one of the best early round kinds.....	.15	.30	\$1.75	\$6.00
Carter's First Crop, an English variety; very early, productive, good flavor; grows 2½ feet high, the haulm being literally covered with pods.....	.15	.30	1.75	6.00

	Pt.	Qt.	Pk.	Bu.
Early Dan O'Rourke, Improved , one of the earliest and a very popular market variety; grows about three feet high; pods well filled; peas of good size and quality.....	.15	.30	\$1.75	\$6.00
Philadelphia, Extra Early , favorite market variety in the Southern states; very early.....	.15	.30	1.75	6.00
Early Dexter , one of the earliest smooth peas in cultivation; very prolific, two and a half feet.....	.15	.30	1.75	6.00
Early Kent , an early and very popular market variety, productive and well flavored.....	.15	.30	1.50	5.00
Tom Thumb , very dwarf, not exceeding nine inches in height, stout and branching; very early, of excellent quality, yields abundantly; it requires no sticks.....	.15	.30	2.00	6.00
Alpha , one of the earliest wrinkled peas; blue, of exquisite flavor, remarkable for its earliness and prolific bearing; it bears pods well filled and of good size, down to the bottom of the haulm.....	.15	.30	2.00	7.00
Bliss American Wonder , one of the earliest and most prolific dwarf wrinkled pea in cultivation. Requires no bushing and is of the most exquisite flavor. The best pea for forcing under glass and unsurpassed for early sowing. It is a seedling, the result of a cross between the two favorite varieties, <i>Champion of England</i> and <i>Little Gem</i> . It combines all the good qualities of both its parents, with the additional ones of superiority in flavor to the <i>Champion</i> , and of greater productiveness than the <i>Little Gem</i> , besides being earlier than any other of the wrinkled varieties. Peas planted June 5th were ready for the table in thirty-three days from date of planting. On good soil each vine will average twelve pods, and each pod six peas. Fifteen pods have been counted on some vines, and nine large peas in some of the pods, and every pod is well filled. The vine is very dwarf, growing from eight to ten inches high.....	.35	.60	4.00	15.00
Extra Early Premium Gem , grows to the height of 18 inches; pods long and of a dark green color; very prolific, and one of the earliest.....	.20	.35	2.50	7.00
McLean's Little Gem , a dwarf, prolific, green, wrinkled marrow; habit similar to <i>Tom Thumb</i> ; a great acquisition; very early; height one foot, requires no sticks.....	.15	.35	2.25	7.00
McLean's Advancer , a dwarf, green, wrinkled marrow, of fine flavor, long pods, well filled up, very prolific; two and a half feet high.....	.15	.30	2.00	7.00
McLean's Blue Peter , in general habit it is well described as a " <i>Blue Tom Thumb</i> ," but possessing a more robust habit; it is earlier than <i>Dan O'Rourke</i> , very prolific, and of fine flavor.....	.15	.30	2.00	7.00
Kentish Invicta , a round blue variety; about two feet in height, very early and of superior flavor.....	.20	.35	2.50	7.00
Day's Early Sunrise , a new and distinct variety from England, of hardy and robust growth, and is one of the earliest wrinkled marrow peas. The pods which are long, large and well filled with very large peas, are produced in pairs in great abundance.....	.35	.60	4.00	15.00
Laxton's Prolific Early Long Pod , very productive, frequently averaging eleven to twelve peas in a pod; for a second early pea there is none equal to it; it is very hardy.....	.15	.30	2.00	7.00
Laxton's Supreme , a variety of the green marrows, with long, well-filled pods literally covering the foliage; it is nearly as early as <i>Dan O'Rourke</i> , and of a most delicious flavor.....	.15	.30	2.00	7.00
Bishop's Early Dwarf , a very prolific variety, producing pods abundantly from bottom to top of the moderately dwarf vine; the large, smooth peas are of excellent quality.....	.15	.30	2.00	8.00
Bishop's Dwarf Long Pod , pods very broad, containing four or five large white peas of fine quality. Vine medium high, continuing in bearing longer than most sorts.....	.15	.30	2.00	8.00
Dwarf Champion , this pea has proved quite distinct, and is very much liked by those who have tried it. It is in quality and flavor equal to the <i>Champion of England</i> , while the vine is much more dwarf. Peas white, much shrivelled and indented. We think it quite equal to <i>McLean's Little Gem</i> in all respects, except in point of earliness, it being some ten days later.....	.15	.30	2.00	8.00
Fillbasket , this new variety is one of the best second early peas in cultivation; dwarf-growing, blue, of excellent flavor.....	.20	.40	2.00	7.00
Champion of England , universally admitted one of the best peas grown; of delicious flavor and a profuse bearer; 3 to 4 feet.....	.15	.30	2.00	6.00

	Pt.	Qt.	Pl.	Bu.
William I, one of the newer varieties, of fine quality. It is about one-third larger than the Philadelphia Extra Early, and about five days later.....	.25	.50	\$3.00	\$10.00
Challenger, this is one of the handsomest, most prolific, and best flavored in cultivation. It is a dwarf, dark-green marrow, growing two and a half feet in height, and is literally covered with pods.....	.45	.75	4.00	15.00
Stratagem, the extraordinary merits of this splendid new pea place it far ahead of any variety hitherto introduced. It grows to the height of two feet, and the plant is literally covered with immense pods, many of them nearly six inches long, and containing ten large, rich-flavored peas.....	.25	.50	3.00	12.00
Telegraph, a cross between Veitch's Perfection and Laxton's Long Pod second early; of robust habit, bearing immense pods. The peas are large, and when cooked, of a deep-green color and very sweet.....	.30	.50	3.00	12.00
Fortyfold, a grand pea for main crop; in appearance similar to Champion of England, but is more productive and of finer flavor than that excellent sort.....	.15	.30	3.00	7.00
Extra Early Challenge, a round, white pea, very early, productive, fine flavor; grows two and one-half feet high, the haulm being literally covered with good-sized pods. Excellent first crop market sort.....	.20	.30	2.00	8.00
Veitch's Perfection, a large and delicious marrow pea and an abundant cropper; 2½ feet.....	.20	.30	2.00	8.00
Yorkshire Hero, a splendid wrinkled marrow, of branching habit, and an abundant bearer; 2½ feet.....	.15	.30	2.00	7.00
British Queen, one of the best and most productive of the tall, wrinkled marrows, of delicious flavor; 6 feet.....	.30	.50	3.00	10.00
White Marrowfat, a favorite marrow sort; 6 feet.....	.15	.25	1.25	4.00
Black-Eyed Marrowfat, this, as well as the preceding, is extensively grown as a field pea; hardy and productive; 4 feet.....	.15	.25	1.25	4.00
Early Dwarf Wrinkled Sugar, a French variety, early and of good quality; 2½ feet.....	.30	.50	4.00	15.00
Tall Sugar, edible pods; 5 feet.....	.30	.50	4.00	15.00

PARSLEY.

German, *Petersilie*.—French, *Persil*.—Spanish, *Perejil*.

Parsley loves a rich and tolerably deep soil. Soot is a manure very congenial, and may be added to the compost. Soak the seeds a few hours in tepid water, and sow early in the spring in one foot drills; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. It often fails entirely in dry weather. One ounce of seed will sow about two hundred feet of row. To have parsley green during winter, remove some plants into a light cellar, and treat them as in open culture in autumn.

	Pkt.	Oz.	Lb.
New Fern-leaved, most exquisite in form and coloring, and admirably suited for mixing with dwarf ornamental foliage plants in the flower garden; also for table decoration.....	.10	.25	\$2.50
Plain Parsley, leaves dark green, plain, longer than the curled and better flavored for seasoning. A covering of straw or evergreen boughs will ordinarily protect it through the winter.....	.05	.10	.60
Extra Moss Curled, leaves beautifully curled, extra fine for garnishing.....	.05	.10	1.00
Curled, or Double, dwarf and tender; leaves yellowish green and very beautifully crimped and curled; used principally as a garnish for the table....	.05	.10	.80
Hamburg, or Rooted, the roots are used for flavoring soups, etc.....	.05	.10	1.00

PUMPKIN.

German, *Kurbis*.—French, *Courge*.—Spanish, *Calabaza*.

Pumpkins are now extensively cultivated for feeding to stock, as well as for table use. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills eight feet apart.

	Pkt.	Oz.	Lb.
Sweet Sugar, round, not large, but very sweet, and an excellent table variety.....	.05	.10	\$1.00
Mammoth, grows to an immense size, often weighing over one hundred pounds.....	.10	.30	3.00
Connecticut Field, very productive; largely grown for feeding stock.....	.05	.10	.40

YELLOW DANVERS ONION.

ESSEX HYBRID TURBAN SQUASH.

HUBBARD SQUASH.

PEPPER.

German, *Pfeffer*.—French, *Piment*.—Spanish, *Pimiento*.

Grown largely for pickles. Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about twenty inches apart and eight inches apart in the row. Repeated hoeings promote their growth.

	Pkt.	Oz.	Lb.
Large Bell, or Bull Nose, fruit large; an early, sweet and thick, fleshy, tender rind variety.	.10	.40	\$4.00
Cayenne, Long Red, the pods of this variety are from three to four inches in length, cone-shaped, and coral red when ripe. Both ripe and green pods are used as pickles, also for making pepper sauce.	.05	.30	3.00
Squash, or Tomato Shaped, the kind most generally grown for pickling; an excellent sort.	.05	.40	3.50
Sweet Mountain, or Mammoth, similar in shape to the Large Bell, but of much larger size; rind thick, fleshy and tender, much used for pickling, stuffed like mangoes.	.05	.40	4.00
Sweet Spanish, fruit about four inches in length, and nearly three inches in diameter; brilliant scarlet when ripe; the earliest of all varieties.	.05	.40	4.00
Red Cherry, fruit round; very productive and ornamental.	.05	.40	3.00

BEAUTY OF HEBRON. (*See Novelties.*)

POTATO.

NEW AND CHOICE VARIETIES.

(*See Novelties for Description and Price List.*)

RHUBARB.

German, *Rhabarber*.—French, *Rhubarb*.—Spanish, *Ruibarbo Bastardo*.

Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart, as given above.

	Pkt.	Oz.	Lb.
Linnaeus, early, large, and tender.	.10	.25	\$3.00
Victoria, very large, later than Linnaeus.	.10	.25	3.00

For price of Rhubarb Roots see Vegetable Plants.

RADISH.

German, *Kettig*, *Radieschen*.—French, *Radis*, *Rave*, *Petit Rave*.—Spanish, *Rabano*.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and especially in flavor. For a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown in a hot-bed in February.

	Pkt.	Oz.	Lb.
Long Scarlet Short-Top, the standard variety for market and private gardens.....	.05	.10	\$.75
Scarlet Turnip, rather more delicate in flavor than the above; excellent for summer use.....	.05	.10	.75
French Breakfast, a variety of quick growth, very mild and tender, form oval, color scarlet, tipped with white.....	.05	.10	.85
Olive-Shaped Scarlet, oblong-shaped, flesh rose-colored; a good summer variety.....	.05	.10	1.00
Rose China Winter, bright rose-color; flesh firm and piquant, excellent for winter use.....	.05	.10	1.00
Black Spanish, one of the hardiest and best for winter use.....	.05	.10	1.00
California Mammoth White, a giant white-fleshed Fall Radish, of excellent quality.....	.05	.20	1.50
White Tipped Scarlet Turnip, this is an early variety, of medium size, of excellent flavor, and of very handsome appearance.....	.05	.10	1.25
White Summer Turnip, excellent for summer use, of mild flavor.....	.05	.10	1.00
Yellow Summer Turnip, grows to a large size, excellent to stand the heat and drought of summer.....	.05	.10	1.00
Gray Summer Turnip, an excellent variety for summer use.....	.05	.10	1.00
Long Winter, an exceedingly fine winter variety, grows somewhat larger than the Black Spanish, good keeper, and of a gray color....	.05	.10	1.00

SALSIFY, or OYSTER PLANT.

German, *Boksbart*.—French, *Salsifs*.—Spanish, *Ostra Vegetal*.

Sow early in spring in drills fifteen inches apart, cover the seeds with fine soil an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. The roots are taken up in the fall and preserved in sand, or remain in the ground and are dug up in the spring. To prepare them for the table they should be boiled like parsnips, or cut up in thin slices and boiled in water, or milk and water, mashed, thickened with flour, and fried with salt pork or butter. Per pkt., 5c.; oz., 30c. lb., \$3.00.

SEA-KALE.

German, *Seekohl Meer Kohl*.—French, *Crambe Maritime*.—Spanish, *Breton de Mar*.

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. Per pkt., 10c.; oz., 30c.; lb., \$3.00.

SPINACH.

German, *Spinat*.—French, *Spinard*.—Spanish, *Espinaca*.

Spinach likes a rich soil, and should be planted for a main crop in August or September. When cold weather sets in it should be protected from the frost by covering with straw and brush. For summer use sow at intervals of two or three weeks from April to August.

	Pkt.	Oz.	Lb.
Round Leaf, equally good for spring or fall sowing.....	.05	.10	\$.40
Prickly, or Winter, does not yield per acre as much as the round, but is hardier.....	.05	.10	.40
New Zealand, produces leaves in great abundance throughout the summer; should be raised in heat, and transplanted three feet apart each way into light, rich soil.....	.05	.15	1.25
Savoy-Leaved, new, and a great acquisition. Stands the winter as well as the Prickly, and produces twice the quantity per acre. The leaf is wrinkled, similar to the Savoy Cabbage.....	.05	.10	.40
Extra Large Round-Leaved Viroflay, a splendid variety of the Lettuce-leaved Spinach, but with leaves much longer and broader, round, thick and fleshy, dark green. Young plants transplanted into a rich soil will grow to an enormous size.....	.05	.10	.50
Bloodsdales Spinach, this is much superior to the ordinary round leaf and is fast becoming popular with market gardeners. It has a blistered leaf which makes it springy. It lies lighter than the common sort in boxes or barrels, and being less liable to heat, will keep longer in good condition.....	.05	.10	.50

SQUASH.

German, *Kurbiss*.—French, *Courge*.—Spanish, *Calabasa Tontanera*.

Squashes will grow readily on almost any soil, but will well repay generous treatment. Plant in May in hills about six feet apart; have the soil well enriched with a good quantity of rotten manure or compost to each hill. Sow eight or ten seeds in a hill, to allow for loss by insects. Three or four of the strongest plants are enough to leave for each hill.

	Pkt.	Oz.	Lb.
White Bush Scalloped, an early market variety, excellent for shipping, tender and well-flavored.....	.05	.10	\$.80
Yellow Bush Scalloped, a sub-variety of the above, principally differing in color.....	.05	.10	80
Long Warted, or Summer Crookneck, early, productive, and the best for summer use; fruit bright yellow, and covered with warty excrescences....	.05	.10	.80
Boston Marrow, a much esteemed variety, coming in about ten days later than the bush sorts; color rich orange, a good keeper, and of unsurpassed flavor.....	.05	.10	1.25
American Turban, the driest, sweetest, finest grained, and most delicious of all squashes.....	.05	.10	1.25
Hubbard, a favorite winter squash, and more largely grown as a late sort than any other; of large size, flesh fine grained, dry, and of excellent flavor....	.05	.10	1.25
Marblehead, an excellent new variety, color of shell blue. It is remarkable for its combination of sweetness, dryness, and delicious flavor. It yields equal to the Hubbard, and its keeping qualities are said to be better....	.05	.10	1.25
Essex Hybrid, (new,) an improved American Turban, having the color, shape, and superior qualities of the Turban, with the dryness and hard shell of the Hubbard. It is not only one of the richest flavored, finest grained and sweetest of all the squash family, but one of the very best keepers.....	.05	.15	1.50
Canada Crookneck, small, but of excellent quality and fine flavor.....	.05	.15	1.50
Large Winter Crookneck, the old standard variety, hardy and a good keeper.....	.05	.10	1.00
Vegetable Marrow, a favorite English sort; skin greenish yellow, flesh white, soft, and of rich flavor; quite distinct from any of the preceding.....	.10	.25	3.00
Butman, this new squash is a cross between the Yokohama and Hubbard. The flesh is between a salmon and a lemon color. It has all the qualities of a first-class squash, being very dry, fine-grained, and of excellent flavor. Size medium: color light stone, distinctly striped and splashed with yellowish white.....	.05	.15	1.50
Perfect Gem, the vines of this variety grow at first like those of the summer squash, and usually produce a few fruits near the root; if these are picked when green and used like summer squash, the plant will throw out long runners, bearing a great number of squashes which may be allowed to ripen. The fruits are small, nearly round, slightly ribbed, and have a thin, smooth, creamy-white skin. The flesh is fine-grained, dry, very sweet, and of delicious flavor. It is remarkable for its keeping qualities.....	.10	.15	2.25
Squash Cocoonut, an excellent variety, highly prized for its beautiful appearance and unsurpassed flavor. It is a strong grower and very abundant yielding, producing from fifteen to twenty squashes on a vine. We recommend all our friends to plant a trial package, for we feel assured that they will be highly pleased with it and will plant a larger quantity the coming season.....	.10	.20	2.25

KENNEY'S EARLY AMBER SUGAR CANE.

This variety of sugar cane has lately become very popular in many parts of the Eastern states and is highly recommended by those who have tried it for making either syrup or sugar, coming to maturity early, *yielding enormously*, and making the best granulated sugar, equal or superior to that made by Southern cane. The yield per acre is from 150 to 200 gallons of fine syrup, and the amount of sugar produced is about 6 lbs., to the gallon of syrup. It is also very valuable as a forage plant, as it is exceedingly rich in saccharine matter, it makes a very valuable feed for milk cows. Our stock of seed is of the purest and best quality, warranted to be genuine and true to name. Sow 12 quarts to the acre. Price per bushel, \$6.00; peck, \$2.00; quart, 25 cents.

SUNFLOWER.

The Sunflower, during the past few years, has attracted considerable attention as a profitable field crop. It is claimed that it produces a larger return in forage than almost any other crop; the leaves being the parts used for stock. The seed has also a commercial value, being used for manufacturing oil. It is also being planted in low, swampy ground, as an absorbent of the miasma of those sections, and with highly gratifying results.

	Pt.	Qt.	Bush.
Large Russian.....	.10	.25	\$4.00

ESSEX HYBRID TOMATO.

LARGE WHITE FRENCH TURNIP.

NEW EGG TURNIP.

TOBACCO.

	Pkt.	Oz.	Lb.
Connecticut Seed-Leaf, this variety is best adapted to the climate of the Northern and Middle states.....	.10	.30	\$3.00
Havana, imported seed.....	.10	.75	6.00
Virginia, used in the South in the manufacture of the finer grades of smoking.....	.10	.30	3.00

LIVINGSTON'S FAVORITE TOMATO. (*New.*)

TOMATO.

German, *Liebesapfel*.— French, *Tomate*.— Spanish, *Tomate*.

This vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hot-bed, or removed into small pots, allowing a single plant to a pot; they are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen.

Livingston's Favorite. Three of the very best tomatoes ever introduced, the Paragon, Acme and Perfection, were originated by Mr. Livingston; he now offers for the first time *Livingston's Favorite*, properly named in consequence of its containing so many of the good points sought after by market gardeners and other growers. It is the *largest perfect shaped* tomato in cultivation, smoother than the Paragon, does not crack or rot like the Acme, is a darker red than the Perfection; ripens evenly and as early as any good variety, holding its size to the end of the season; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances

Pkt. Oz. Lb.

.25

	Pkt.	Oz.	Lb.
Livingston's Perfection, this most desirable tomato is as early as the Canada Victor; almost round in shape, perfectly smooth, and very solid. Mr. Livingston, the originator of the Acme and Paragon, states that this variety is far ahead of any other sort for its wonderful keeping qualities and productiveness.	.05	.30	\$4.00
Acme, a new, early and beautiful variety, fruit of medium size, form perfect and very smooth; ripens all over and through at the same time. It is unequalled for canning, preserving, or as a salad; a splendid market variety, and also well adapted for culture in the Southern states for shipping to the North in the early part of the season.	.05	.30	3.00
Paragon, a new sort and most desirable for market culture; form very smooth, color bright glossy crimson; it is very solid, remarkably productive, and one of the earliest.	.05	.30	3.00
The Trophy, this when well-grown is without doubt one of the best tomatoes in cultivation. It is unsurpassed in size, in flavor, in productiveness, and in every other desirable quality.	.05	.30	3.00
Essex Hybrid, a new variety similar to the Acme but with larger, darker colored fruit which is always smooth and handsome; quality among the best.	.05	.40	4.00
Boston Market, very large, smooth and round; an excellent market variety.	.05	.25	3.00
The Conqueror, one of the earliest; fruit of good size, very uniform in size and shape.	.05	.30	3.00
General Grant, a superior variety, of good quality, and ripens rapidly and thoroughly.	.05	.25	2.50
Hathaway's Excelsior, early, of medium size, smooth, very solid, and of excellent quality.	.05	.30	3.00
Golden Trophy, a sport from the well-known Trophy, with fruit of a beautiful light yellow color, of very agreeable flavor.	.05	.30	3.00
Green Gage, a new English variety, of medium size, resembling a yellow plum in shape and color, with a distinct, piquant and highly agreeable flavor.	.05	.30	3.00
Arlington, fruit uniformly large, perfect in form; very prolific, of fine flavor.	.10	.30	3.00
Canada Victor, one of the earliest, of medium size, very symmetrical in shape.	.10	.30	3.00
Pear Shaped, used for preserving and pickling.	.05	.40	4.00
Yellow Plumb, a beautiful variety, used principally for pickling.	.05	.40	4.00
Red Cherry, a small early variety, size and shape of a cherry, for pickling.	.05	.40	4.00
Yellow Cherry, similar to preceding except in color.	.05	.40	4.00
Strawberry or Winter Cherry, the fruit has a pleasant strawberry-like flavor, esteemed by many for preserving.	.10	.50	..
President Garfield, this variety originated in Servia, and is characterized by a very luxuriant growth. The fruit is said to have weighed from 2 to 2½ pounds, and according to the grower's statement they are susceptible of attaining the unusual weight of three pounds, particularly if but few are allowed to remain on the same plant. Despite their enormous size they are said to ripen quite evenly. There is probably no sort better adapted for exhibition purposes.	.15	.75	6.00

TURNIP.

German, *Steckrube*.—French, *Navel*.—Spanish, *Nabo Commn*.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. If sown late in spring or early in summer, they are seldom worth much, as the weather is so warm and insects become so numerous that they are generally stringy and wormy. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be a well-decomposed compost, or the roots would be liable to be bad flavored. The ground should be dug and ploughed deep and made mellow and fine; sow the seed of the flat sorts broadcast and rake in evenly. As the spring crops are often destroyed by the turnip-fly, it is an excellent plan to strew ashes and soot over the ground just as the young turnips are coming up. After they are well up, thin to six or eight inches apart and keep them clear from weeds. The Ruta Baga sorts should be sown in drills fifteen inches apart, and for winter use may be sown from the twentieth of June to the middle of July on land that has been well manured for other crops in spring; thin out as for the early crop.

	Pkt.	Oz.	Lb.
New Extra Early Purple Top Munich, this is a remarkably handsome and very early turnip, with a bright purplish-red top and fine mouse-tail root, very distinct and valuable.	.05	.15	\$1.25
Red Top Strap-Leaf, rapid grower and mild flavor; the best variety for early use, either for the table or market.	.05	.10	.30
White Strap-Leaf, differs from the preceding only in color.	.05	.10	.30

	Pkt.	Oz.	Lb.
Early Flat Dutch, an early garden variety resembling White Strap Leaf.....	.05	.10	\$.80
Large White Norfolk, a very large growing, globe shaped variety; flesh coarse grained and sweet; one of the best late varieties for stock, but not so desirable for table use.....	.05	.10	.75
Long White, or Cow Horn, flesh white, fine-grained and sweet, and of excellent quality for table use.....	.05	.10	.75
Yellow Stone, medium size, excellent flavor and a good keeper; a popular yellow-fleshed variety for table use; is also good for feeding stock.....	.05	.10	.70
Yellow Globe, one of the best varieties for general crop, flesh very firm and sweet, and keeps well until very late in spring, grows to a large size, and is excellent both for stock or table use.....	.05	.10	.80
Golden Ball (Robertson's), excellent flavor, globe-shaped and a good keeper; unsurpassed for table use.....	.05	.10	.75
Yellow Aberdeen, very hardy and productive, good keeper, globe-shaped....	.05	.10	.80
White Egg, (new,) rapid growing fall sort, oval in form, flesh fine grained, of mild and sweet flavor. It has a very smooth white skin and is a most desirable kitchen garden or market variety.....	.05	.10	.80

RUTA BAGA, or SWEDISH TURNIP.

Improved American Purple Top, productive, flesh yellow, solid, sweet and fine flavored, equally good for stock or table use.....	.05	.10	\$.75
Skirving's Purple Top, grows to large size, flesh firm, solid and sweet, and a good keeper.....	.05	.10	.75
Carter's Imperial, very hardy, produces extraordinary crops, and is best suited for field culture.....	.05	.10	.50
Shamrock, one of the finest purple top varieties in cultivation, grows with small top and very few leaves, an excellent keeper and good for stock or table use.....	.05	.10	.75
White French, an excellent sort for table or stock; flesh firm, white and solid, and has a very sweet flavor; a very popular variety for market culture..	.05	.10	.75
Sweet German, form more globe-shaped than White French, otherwise considered very similar, superior in quality and an excellent keeper.....	.05	.10	.75

SWEET, POT and MEDICINAL HERBS.

Every garden should contain a few herbs for culinary or medicinal purposes. The chief point is to harvest them properly, which should be done on a dry day, when not quite in full bloom, then dried quickly and packed closely, and entirely excluded from the air. Sow early in spring in shallow drills one foot apart, and when well up, thin out or transplant to a proper distance apart.

	Pkt.	Oz.
Anise.....	.05	.15
Balm.....	.10	.50
Bazil, Sweet.....	.10	.50
Bene.....	.05	.20
Borage.....	.05	.25
Caraway.....	.05	.15
Castor Oil Plant.....	.05	.15
Catnip.....	.15	.60
Coriander.....	.05	.15
Dill.....	.05	.15
Fennel.....	.05	.15
Hop Seed.....	.25	2.00
Horehound.....	.10	.50
Hyssop.....	.10	.40
Lavender.....	.10	.40
Marjoram, Sweet.....	.10	.40
Marjoram, Pot.....	.10	.50
Opium Poppy.....	.05	.30
Rosemary.....	.10	.50
Rue.....	.10	.40
Saffron.....	.05	.15
Sage.....	.05	.30
Savory, Summer.....	.05	.25
Sorrel, Broad-leaved.....	.05	.12
Thyme, Broad-leaved.....	.10	.50
Tansy.....	.10	.50
Tarragon.....	.25	1.50
Winter Savory.....	.10	.40
Wormwood.....	.10	.50

FRUIT SEEDS

PERFECT GEM SQUASH.

LONG SCARLET SHORT TOP RADISH.

SKIRVING'S IMPROVED RUTA BAGA.

FRUIT SEEDS.

	Pkt.	Oz.	Lb.
Apple.....	.10	.10	\$.50
Apricot Pits.....	.10	.10	.50
Blackberry.....	.10	1.00	..
Currant.....	.10	.40	4.00
Gooseberry.....	.10	1.00	..
Pear.....	.10	.25	2.25
Peach.....	per bush. \$2.50		
Plum.....	..	..	.25
Quince.....	.10	.25	2.50
Raspberry.....	.10	.75	..
Strawberry.....	.10	.80	..

TREE SEEDS.

	Pkt.	Oz.	Lb.
Ash, White.....	.10	.20	\$2.00
Ash, Mountain.....	.10	.20	2.00
Arbor Vitæ, American.....	.15	.40	4.00
Buckthorn.....	.10	.15	1.50
Cedar, Red.....	.10	.15	1.25
Fir, Balsam.....	.15	.30	3.00
Fir, Scotch.....	.10	.25	2.50
Fir, Silver.....	.10	.20	2.00
Larch, European.....	.10	.20	2.00
Locust, Honey.....	.10	.15	1.00
Locust, Yellow.....	.10	.15	1.00
Maple, Sugar.....	.10	.20	2.00
Pine, White or Weymouth.....	.15	.30	3.00
Pine, Black Austrian.....	.15	.30	3.00
Pine, Stone, (Pinea).....	.10	.20	2.00
Pine, Seaside.....	.10	.15	1.25
Spruce, Hemlock.....	.15	.40	4.00
Spruce, Norway.....	.10	.20	1.50

GRASS SEEDS.

(Prices subject to market changes.)

Rhode Island Bent, 10 pounds to bushel.....	qt., 20 cents.	per bush.,	\$3.00
Red Top, 14 pounds to bushel.....	"	"	1.50
Meadow Foxtail, 25 pounds to the acre.....	"	lb.,	.45
Sweet Vernal, 35 pounds to the acre.....	"	"	.40
Meadow Oat, 6 bushels to the acre, 13 pounds to bushel.....	"	bush.,	3.50
Yellow Oat, 4 bushels to the acre, 8 pounds to bushel.....	"	lb.,	.65
Crested Dogtail, 25 pounds to the acre.....	"	"	.45
Orchard, 3 bushels to the acre, 14 pounds to bushel.....	"	bush.,	2.00
Hard Fescue, 30 pounds to the acre.....	"	lb.,	.25
Tall Fescue, 40 pounds to the acre.....	"	"	.40
Meadow Fescue, 40 pounds to the acre.....	"	"	.40
Red Fescue, 25 pounds to the acre.....	"	"	.50
Slender Fescue, 30 pounds to the acre.....	"	"	.30
Meadow Soft, 3 bushels to the acre, 7 pounds to bushel.....	"	bush.,	2.00
Italian Rye, 3 bushels to the acre, 18 pounds to bushel.....	"	"	3.00
English Rye, 3 bushels to the acre, 24 pounds to bushel.....	"	"	3.00
Timothy, one-half bushel to the acre.....	"	"	2.75
Wood Meadow, 30 pounds to the acre.....	"	lb.,	.40
Kentucky Blue, (<i>extra clean</i>), 14 pounds to bushel.....	"	bush.,	2.00
Fowl Meadow, 2 bushels to the acre.....	"	"	3.00
Rough Stalked Meadow, 20 pounds to the acre.....	"	lb.,	.40

LAWN GRASS SEEDS:

Many seedsmen recommend English Lawn Grass Seed; we hold that many varieties of English grasses used for seeding down lawns in England, are *unsuitable* for our New England climate and will not make good, lasting lawns.

The seeds of the best *natural* grasses, mixed with a slight quantity of the best White Dutch Clover seed only should be sown, to attain the finest growth of grass, which, if thoroughly manured spring and fall, will remain permanent in the soil for many years.

	Qt.	Peck.	Bush.
Finest Mixed Lawn Seed.....	.20	\$1.25	\$4.00

(We can also furnish any mixture desired.)

CLOVERS.

(Prices subject to market changes.)

Large Red, Mammoth, or Pea Vine.....	per lb. about	15c.
Medium Red Clover.....	" "	12c.
White Clover.....	" "	40c.
Lucerne Clover, Alfalfa.....	" "	40c.
Alsike Clover, Swedish.....	" "	35c.

MILLETS.

(Prices subject to market changes.)

Common Millet.....	per bushel,	\$2.00
German, or Golden Millet.....	" "	2.00
Hungarian (Grass) Millet.....	" "	2.00
Pearl Millet.....	" "	10.00

GRAINS.

(Prices subject to market changes.)

All our Grains are selected expressly for seed, and are strictly pure and true to name.

WHITE BELGIAN OATS.

We offer this variety of oats to our customers, feeling confident that it is unexcelled. On the same land, grown side by side, the White Belgian Oat produced double the crop of other oats, while they were of finer quality and much greater weight per measured bushel. At several of our fairs the past season the White Belgian Oat, grown from seed obtained from us, received the first prize and was pronounced by all visitors the finest oats they ever saw on exhibition, having a heavy weight of beautiful white grain, strong, stiff straw and early maturity; they frequently weigh from 46 to 50 pounds per measured bushel. The grain is very plump, with thin husk; they are very nutritious and unsurpassed for feeding stock or the manufacture of oatmeal. It is stated in *Belgian* that they yield from 75 to 150 bushels per acre. Per bushel, \$1.75.

RUSSIAN WHITE OATS.

All the testimony we can obtain unites in considering this new sort to be a most desirable and promising variety. They are said to yield about double with the Probststeier Oats, a single grain giving sixteen stalks in many instances; the straw is of extra quality, strong and bright, and while other oats rusted, the Russian White was free from it. They are equally well adapted for general culture as any other sort, and from all accounts it is safe to say that the average yield is one-third more to the acre than any other variety of oats. Price per bushel, \$1.25.

White Bedford Oat.....	Bush.	.75
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SPRING BARLEY.

Two Rowed.....	Bush.	\$1.50
Four Rowed.....		1.50

RYE.

Spring.....	Bush.	\$1.25
Winter.....		1.25

BUCKWHEAT.

WHITE BELGIAN OAT.	Peck.	Bush.
Silver-Hull, this is a very great improvement over the common variety.....	.60	\$2.50
Common variety.....	.35	1.00

SPRING WHEAT.

	Peck.	Bush.
White Russian Spring Wheat, this new spring wheat has been thoroughly tested and has given great satisfaction wherever grown. It is not exactly white, but is lighter colored than most varieties of spring wheat. It is a bald chaff wheat, and is very prolific, yielding in Nebraska 49½ bushels from one of seed, while other wheats yielded only 10 to 20 bushels to the acre. It has long, straight, strong, healthy, yellow straw, standing straight several days after ripening, and bearing long, large heads, well filled with plump kernels, weighing oftentimes from 60 to 62 lbs. to the measured bushel. It produces 10 to 15 bushels more per acre than many of the other once popular varieties that are now fast running out. It is particularly free from rust and not liable to lodge.	.75	\$2.50
Lost Nation,	.75	2.50

WINTER WHEAT.

	Peck	Bush
Senaca, or Clawson Wheat, this is a smooth white wheat with red chaff. It is not liable to rust, is hardy, stands winter well, has a stiff straw, and heads well. It withstands the Hessian Fly better than most kinds, and yields large crops.	.75	\$2.50

MISCELLANEOUS.

Celery Seed, for flavoring.	per lb.	\$.50
Flaxseed.	per bush.	3.00
Sunflower, Large Russian.	per qt., .20.	" " 4.50
Sunflower, Common.	" " .20.	" " 4.50
Popping Corn.	per lb.	.05

BIRD SEED.

Prices by the bushel on application.

Canary, best clean seed	per quart, 15 cents
Hemp, Russian, the best	" " 15 "
Maw.	" pound, 30 "
Millet.	" quart, 15 "
Rape	" " 15 "
Unhulled Rice, or Paddy.	" " 20 "
Mixed Bird Seed, Canary, Rape and Hemp.	" " 20 "
Cuttle Fish Bone.	" pound, 50 "

GRAFTING WAX.

1 lb packages	30c.	½ lb. packages	10c.
½ "	15c.	By mail, 16c. per lb. extra.	

CUBA BAST.

For budding and tying plants, vines and vegetables.	per lb., 75c.
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ROFFEA.

For tying plants, vines and vegetables.	per lb., 50c
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TABLES.

Quantity of Seed required for a given number of Plants, number of Hills, or Length of Drills.

Asparagus	1 oz. to 60 ft. of drill.	Melon, Musk	1 oz. to 60 hills.
Beet	1 oz. " 50 " " "	Okra	1 oz. " 40 ft. of drill.
Beans, Dwarf.	1 qt. " 100 " " "	Onion	1 oz. " 100 " " "
Beans, Pole.	1 qt. " 150 hills.	Onion Sets, small	1 qt. " 40 " " "
Carrot	1 oz. " 150 ft. of drill.	Parsley	1 oz. " 150 " " "
Cabbage	1 oz. " 2000 plants.	Parsnip	1 oz. " 200 " " "
Cauliflower	1 oz. " 2000 "	Peas	1 qt. " 100 " " "
Celery	1 oz. " 3000 "	Pepper	1 oz. " 1000 plants.
Cucumber	1 oz. " 50 hills.	Pumpkin	1 oz. " 40 hills.
Corn	1 qt. " 200 "	Radish	1 oz. " 100 ft. of drill.
Dandelion	1 oz. " 200 ft. of drill.	Salsify	1 oz. " 70 " " "
Egg Plant	1 oz. " 1000 plants.	Spinach	1 oz. " 100 " " "
Endive	1 oz. " 150 ft. of drill.	Squash, Early	1 oz. " 50 hills.
Leek	1 oz. " 100 " " "	Squash, Marrow	1 oz. " 16 "
Lettuce	1 oz. " 3000 plants.	Tomato	1 oz. " 1500 plants.
Melon, Water	1 oz. " 30 hills.	Turnip	1 oz. " 150 ft. of drill.

Quantity of Seed usually sown per Acre.

Barley, broadcast.....	2 to 3 bush.	Mustard, broadcast.....	½ bush.
Beans, Dwarf, in drills.....	1½ bush.	Melon, Musk, in hills.....	2 to 3 lbs.
Beans, Pole, in hills.....	10 to 12 qts.	Melon, Water, in hills.....	4 to 5 lbs.
Beets in drills.....	5 to 6 lbs.	Millet, Common, broadcast.....	1 bush.
Broom Corn, in hills.....	8 to 10 qts.	Oats, broadcast.....	2 to 3 bush.
Buckwheat.....	1 bush.	Onion, in drills.....	5 to 6 lbs.
Cabbage, in beds to transplant.....	¼ lb.	Onion for Sets, in drills.....	30 lbs.
Carrot, in drills.....	3 to 4 lbs.	Onion Sets, in drills.....	6 to 12 bush.
Chinese Sugar Cane.....	12 qts.	Parsnip, in drills.....	4 to 6 lbs.
Clover, Red, alone.....	15 to 20 lbs.	Peas, in drills.....	1½ bush.
Clover, White, alone.....	12 to 15 lbs.	Peas, broadcast.....	3 bush.
Clover, Alsike, alone.....	8 to 10 lbs.	Potato (cut tubers).....	10 bush.
Clover, Lucerne or Alfalfa.....	20 lbs.	Pumpkin, in hills.....	4 to 6 lbs.
Corn, in hills.....	8 to 10 qts.	Radish, in drills.....	8 to 10 lbs.
Corn, for Soiling.....	3 bush.	Rye, broadcast.....	1½ to 2 bush.
Cucumber, in hills.....	2 lbs.	Sage, in drills.....	8 to 10 lbs.
Flax, broadcast.....	1½ bush.	Salsify, in drills.....	8 to 10 lbs.
Grass, Kentucky Blue.....	3 bush.	Spinach, in drills.....	10 to 12 lbs.
Grass Orchard.....	3 bush.	Squash, (bush varieties), in hills.....	4 to 6 lbs.
Grass, English Rye.....	2 bush.	Squash (running varieties), in hills.....	3 to 4 lbs.
Grass, Fowl Meadow.....	2 bush.	Tomato, to transplant.....	¼ lb.
Grass, Red Top.....	3 bush.	Turnip, in drills.....	1½ to 2 lbs.
Grass, Timothy.....	½ bush.	Turnip, broadcast.....	3 to 4 lbs.
Grass, Hungarian.....	1 bush.	Timothy, alone.....	½ bush.
Grass, Mixed Lawn.....	3 bush.	Vetches, broadcast.....	2 to 3 bush.
Hemp.....	1½ bush.	Wheat, broadcast.....	1½ to 2 bush.

VEGETABLE PLANTS AND ROOTS.

ASPARAGUS ROOTS.

The preparation of the Asparagus bed should be made with more care than for most vegetables, from the fact that it is a permanent crop, which ought to yield as well at the end of twenty-five as of five years, if the soil has been well prepared. To start with, it should be on ground thoroughly drained, either naturally or artificially, and if choice can be had, on a rather light sandy loam. This should be trenched and mixed with sufficient manure to form a coating of at least six inches thick over the bed; this manure should be worked into the soil by trenching to the depth of two feet, as the roots of the plants will reach quite that depth in a few years. In setting, the crowns of the plants should be placed at least three inches below the surface. It makes but little difference whether it is planted in the spring or fall; if in the spring, it should be done as early as the ground is dry enough to work; and if in the fall, just as soon as the plants can be had, which is usually in the early part of October. For an ordinary family, a bed of six rows, fifty or sixty feet in length, and three feet apart will be sufficient, the plants in the rows being nine inches apart.

Colossal, two year old roots.....	100.	1000.
	\$1.00	\$7.00

CABBAGE PLANTS.

Early Jersey Wakefield.....	100.	1000.
Henderson Summer.....	\$1.00	\$7.00
Premium Flat Dutch.....	1.00	8.00
Stone Mason Drumhead.....	1.00	7.00
Fottler's Brunswick.....	1.00	7.00
Marblehead Mammoth.....	1.00	7.00
American Improved Savoy.....	1.00	7.00

CAULIFLOWER PLANTS.

Boston Market.....	100.	1000.
Henderson Snowball.....	\$1.00	\$8.00
Early Dwarf Erfurt.....	2.00	10.00
Early Paris.....	1.00	8.00
	1.00	8.00

CELERY PLANTS.

Boston Market.....	100.	1000.
	\$1.00	\$8.00

CRANBERRY PLANTS.

Eaton's Early Black Bell, ripens very early, being fully colored by September 5th, in the Eastern states; color very dark red, almost black, medium size and very uniform, great bearer, good keeper and vines perfectly hardy.....	100.	1000.
Mansfield Creeper, this is entirely different in its growth and habit from all varieties; it creeps on the ground and takes root at every joint. It bears shoots every two or three inches on the vine, and throws out fruit buds for a fresh start another year. It is a few days later than the Eaton Bell; both are adapted to upland culture. It is of large size and a great bearer, the flesh is tender, fine keeper, color dark scarlet on one side, the other side nearly white, with a slight mottle, shape roundish oval.....	75	\$5.00
	75	5.00

EGG PLANTS.

New York Improved.....	Ea. .10	Doz. \$1.00	100. \$6.00
Black Pekin.....	.10	1.00	6.00

HORSE RADISH SETS.

By mail, per dozen, 25 cents. By express, per 100, 60 cents; per 1,000, \$5.00.

JERUSALEM ARTICHOKEs.

Strong tubers, 25c. per quart; \$1.50 per peck; \$5.00 per bushel. A 3 lb., package by mail, \$1.00

KALE OR BORECOLE PLANTS.

Green Curled Scotch.....mail, \$1.00 per 100; express, 75c. per 100
Brown German Curled....." 1.00 " " " 75c. " "

KOHLRABI PLANTS.

White Vienna.....mail, \$1.00 per 100; express, 75c. per 100

LETTUCE PLANTS.

Boston Market Head.....	100.
Early Curled Simpson.....	\$.75
Black Seeded Butter.....	.75
	.75

PEPPER PLANTS.

Large Bell or Bull Nose.....	Ea. .10	Doz. \$1.00	100. \$6.00
Sweet Mountain.....	.10	1.00	6.00

RHUBARB ROOTS.

Rhubarb Roots may be planted early in spring or in fall, setting the roots three feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted, it will remain in bearing condition for three or four years, only requiring a top dressing of manure dug in, in spring or fall. 20 cents each; \$2.00 per dozen.

SWEET POTATO PLANTS.

Nansemond, the best sort for planting North.....	100.	1000.
	75	\$1.00

TARRAGON PLANTS.

30c. each; \$3.00 per dozen.

TOMATO PLANTS.

Perfection.....	Doz. .40	100. \$2.00
Acme.....	.40	2.00
Paragon.....	.40	3.00
Trophy.....	.40	2.00
Early Smooth Red.....	.40	2.00
Gen. Grant.....	.40	2.00
Boston Market.....	.40	2.00

TREES, PLANTS, VINES, &C.

SELECT, HARDY SHRUBS.

50c. each, except those noted; \$4.50 per dozen. Second size, 30c. each; \$3.00 per dozen.

- Althæas*. Double, variegated and purple; handsome shrubs.
Althæa, new variegated. Foliage beautifully edged with white.
Amorpha fruticosa. A fine shrub, with purple and gold flowers.
Calycanthus florida, or *Allspice-Tree*. Very fragrant blossoms.
Catalpa Kaempferi. A dwarf and handsome species from Japan.
Cranberry-Tree (Viburnum). A handsome shrub with scarlet fruit.
Clethra anifolia. One of the finest shrubs, with fragrant, white flowers.
Daphne cneorum. Evergreen, with fragrant, pink flowers; beautiful.
Deutzia crenata pleno. Beautiful, with spikes of double bluish flowers.
 " " *alba*. Double, with pure white flowers.
 " *gracilis*. One of the most popular and beautiful shrubs.
 " *purpurea pleno*. With spikes of darker colored flowers.
 " *scabra* and *crenata*. Two fine shrubs.
 " *variegata*. Beautiful variegated foliage.
 " *Fortunei*. Deep green foliage and large white flowers.
Double Chinese Plum. Very fine; double white flowers.
Exochorda grandiflora. Beautiful, with large white flowers.
Forsythia viridissima. Deep green foliage and bright yellow flowers.
 " *Fortunei*. Upright growth and bright yellow flowers.
 " *suspensa*. Early blooming; golden yellow flowers.
Hypericum Kalmianum. A fine shrub, with yellow flowers in August.
Hydrangea paniculata grandiflora. A magnificent shrub, with immense clusters of white flowers; very showy. 50c. to \$1.00.
 " *quercifolia*. Handsome foliage and white flowers.
 " *nivea*. Beautiful silver foliage and white flowers.
Honeysuckle White Tree (Iberica). Very handsome white flowers.
Hawthorn, Paul's new double scarlet. Superb; dark scarlet flowers. \$2.00.
Lonicera tartarica. A handsome, early-flowering shrub.
 " *tartarica alba*. With pure white flowers.
Magnolia conspicua. Very large white flowers, blooming in April. \$2.00.
 " *Soulangeana*. Large bluish; flowering in April, \$2.00.
 " *Lenne*. With very large purplish flowers. \$2.00.
Pavia macrostachya. A grand shrub, with long, showy spikes of flowers.
Prunus triloba. With beautiful, double rose flowers.
Pyrus japonica. Eight new varieties; crimson, rose, edged, and yellow.
Philadelphus thyrsiflorus. Very long spikes of large, white flowers.
Purple Barberry. Very showy; dark purple foliage.
Smoke-Tree (Purple Fringe). A very handsome shrub.
Syringas. Several very fine varieties.
Syringa sinensis. Large clusters of reddish-purple flowers.
Spiræa callosa. A handsome shrub; red flowers.
 " *alba*. Beautiful white flowers.
 " *Thunbergii*. New; covered with small white flowers; fine foliage.
 " *trilobata*, *Reevesii pleno*, *prunifolia pl.*, and several others.
Tamarax. Very handsome; heath-like foliage and pink flowers.
Viburnum plicatum. One of the very finest shrubs, producing a profusion of globular heads of pure white flowers. \$1.00.
 " *lantanoides*. Handsome, with large clusters of white flowers.
 " *opulus*. (Snowball.) An old, beautiful, and favorite shrub.
Weigelia rosea and *alba*. Beautiful shrubs, flowering in June.
 " *Desboisi*. Very dark crimson flowers; fine.
 " *hortensis nivea*. With pure white flowers.
 " *variegata*. Foliage beautifully edged with white.
White Fringe-Tree. Beautiful hanging clusters of pure white flowers.

And upwards of one hundred kinds of the older and well-known shrubs, by the dozen or hundred.

HARDY CLIMBING PLANTS.

Price, 50c. each, except those noted.

- Akebia quinata*. Rapid growing, with dark, fragrant flowers. 30c.
Aristolochia siph. Very large flowers and curious foliage.
Ampelopsis (Virginia Creeper.) One of the best; rapid growing and beautiful.
 " *Veitchii*. Exquisite, a miniature Virginia creeper.
Bignonia or Trumpet Flower. Handsome scarlet.
Clematis flammula. With very fragrant white flowers, in clusters.
Honeysuckles, Japan, variegated. 30c.
 " *Hall's New*. From Japan; pure white; fragrant and fine.
 " *Scarlet Trumpet*. Monthly blooming; scarlet flowers.
 " *Variegated Monthly*. Fragrant, yellowish-white flowers.
 " *Japan Evergreen*. Foliage nearly evergreen.
Menispermum Canadense. A rapid-growing and pretty vine. 30c.
Apios tuberosa. Covered with clusters of fragrant reddish flowers.
Periploca græca. A handsome and vigorous growing vine.
Roxbury Wax Work (Celastrus.) Very handsome.
Wistaria, Chinese Purple. The finest of climbing plants; purple flowers. 50c. to \$1.50 according to size.
 " *Chinese White*. Similar, but with white flowers. \$1.00.
 " *Double Chinese*. Fine, double flowers. \$2.00.

TREE PÆONIES.

Price, \$1.00 to \$2.00 each; extra large size, \$3.00 to \$5.00 each.

These are splendid hardy shrubs, growing two to three feet high; with enormous flowers of various shades of rose, pink, white, and purple, blooming June, and beautiful for shrubberies, or as single specimens. Our collection includes twenty of the handsomest varieties.

CONIFEROUS TREES.

- Arbor Vitæ*, American. For hedges 1 foot to 3 feet high, per hundred, \$10.00 to \$20.00. Handsome specimens each.....\$0.25 to \$1.00
Norway Spruce. 2 to 3 feet high, per hundred, \$25.00 to \$30.00. Handsome specimens, each......25 " 1.00
Hemlock Spruce. 2 feet high, for hedges, \$20.00 per hundred. Handsome specimens, each......25 " 1.00
Glory of the Spruces. New and beautiful silver foliage......25 " 2.00
Abies claudbrasiliana. A handsome dwarf spruce..... 1.00 " 2.00
 " *pygmæa*. A very dwarf and pretty tree..... 1.00 " 2.00
 " *pyramidalis*. A neat, formal tree, of erect growth..... 1.00 " 2.00
 " *orientalis*. One of the most beautiful; leaves deep green......50 " 2.00
 " *cærulea*. The blue spruce, very handsome bluish foliage......50 " 2.00
Juniperus Bedfordiana. A handsome, spreading tree......50 " 1.00
 " *chinensis*. One of the hardiest and most beautiful......50 " 1.00
 " *hibernica*. The Irish Juniper......25 " 1.00
 " *suecica*. The Swedish Juniper......50 " 1.00
 " *sabina*. Dwarf and pretty......50 " 1.00
 " *squamata*. A dwarf plant of feathery aspect......50 " 1.00
Retinospora obtusa. A hardy and handsome evergreen......50 " 1.00
 " *plumosa aurea*. Exquisite, all the shoots tipped with gold......50 " 1.00
 " *plumosa argentea*. Beautiful, all the plants tipped with white...50 " 1.00
 " *lycopodoides*. New, very beautiful and dwarf..... " 1.00
Taxas canadensis. A beautiful, hardy, small tree......50 " 2.00
Thuja Hoveyi. One of the most beautiful of the *Arbor Vitæ*......25 " 1.00
 " *Geo. Peabody*. Beautiful, tipped with golden yellow..... 1.00 " 2.00
 " *Queen Victoria*. Tipped with pure white..... 1.00 " 2.00
 " *Wareana*. The Siberian *Arbor Vitæ*, handsome and very hardy......25 " 2.00
 " *Vervaineana*. A new and handsome kind, gold tinted......25 " .50
 " *Compacta*. Dwarf, very pretty......50
 " *Hoopes's Dwarf*. Dense compact habit......50
Pinus austriaca. The Austrian pine......50 " 1.00
 " *sylvestris*. The Scotch pine......50 " 1.00

DWARF BOX.

For borders. A large and fine stock always on hand. 30 cents per yard.

FRUITS.

GRAPE VINES FOR GRAPERIES.

Price, 75c. each, except those noted; \$3.00 per dozen. Extra size, \$1.50 to \$2.00 each.

These plants are raised from cuttings of BEARING vines, and all grown in pots. During the last thirty years we have supplied thousands of vines to cultivators in all parts of the country. The following are the leading and new varieties:—

- Black Prince, very sweet, long bunches and black berries.
 Black Alicante, berries very large, bunch large; a fine keeper.
 Bowood Muscat, very large amber berries, large bunches; delicious. \$1.00.
 Buckland Sweetwater, large oval berries, amber color, tender flesh.
 Burchardt's Prince, a fine, large, black grape; very handsome.
 Chavoush, large bunches and large, oval berries; amber color.
 Chaptal, one of the best early grapes; berries transparent.
 Chasselas de Fontainebleau, white, a delicious and fine early grape.
 " White, good-sized bunches; rich, sweet, and early.
 Duchess of Buccleugh, round berries, golden color and a great bearer.
 Duke of Buccleugh, a new and splendid large white grape. \$1.00.
 Foster's White, bunches and berries large; clear amber color.
 Frankenthal, very large bunches and black berries.
 Frontignan, Grizzly, yellowish-red berries, with delicious Muscat flavor.
 " White, long bunches and fine Muscat flavor.
 Golden Champion, superb; large bunches and largest berries. \$1.00.
 Gros Bleu, similar to Black Hamburg; berries have a dense blue bloom.
 Hamburg, Black, well known as one of the best of grapes.
 " Champion, bunches large and well flavored.
 " Golden, a very fine grape; amber colored, large bunches.
 " Wilmot's 16, similar to Black Hamburg, earlier.
 " " Black, large berries, and large bunch; very handsome.
 " Victoria, similar to Black Hamburg, but larger.
 Lady Downes, bunch large, black berries; a fine keeping grape.
 Madresfield Court, a new, rich, black Muscat grape. \$1.00.
 Muscat of Alexandria, large, long berries, amber color and fine flavor. \$1.00.
 " Hamburg, fine, large bunches and black berries; delicious. \$1.50.
 " Cannon Hall, very large, golden-amber berry; delicious. \$1.50.
 Royal Ascot, bunches large, berries black, very juicy and rich.

HARDY GRAPE VINES.

1 year old vines, 25c. each; 2 year old, 50c., except those noted. \$10 to \$25 per hundred.

Our collection includes all the really valuable varieties that can be recommended for general culture.

- Allen's Hybrid, a very fine white grape, but the vine not perfectly hardy.
 Brighton, a large handsome, and very fine grape. 75c.
 Cambridge, a large, superior black grape, very hardy and fine. \$1.00.
 Concord, acknowledged to be "the grape for the million."
 Creveling, a large, fine black grape, with rather loose bunch.
 Delaware, a small, but very delicious red grape; very hardy.
 Diana, a rich, highly flavored red grape, and pretty hardy vine.
 Eumelan, a black grape, of medium size and good quality. 50c.
 Framingham, earlier than Concord; black; perfectly hardy vine.
 Hartford Prolific, early, hardy; productive, good; berries drop.
 Israella, a black grape, with compact bunches of good quality.
 Martha, a fine, hardy, white grape. 50c.
 Moore's Early, a large, early, and handsome grape. 75c.
 Rogers No. 4, a large, handsome black grape, of good quality. 50c.
 " No. 15, large bunches and large red berries, of good quality.
 " No. 19, a rather early and very good red grape. 50c.
 Union Village, very large bunches, and very large black berries; excellent. 50c.
 Adirondac; Clinton; Isabella; Rogers No. 3, 50c; Rogers No. 39, 50c; Salem, 50c.

STRAWBERRIES.

Our collection includes all the really valuable varieties which have been found worthy of general cultivation, and we have added some of the newer sorts, which promise well.

	Per doz.	Per 100
Black Defiance, color dark glossy red, very large.....		\$1.50
Boston Pine, very early, large, delicious and productive.....		1.50

	Per doz.	Per 100
Brighton Pine, early, large, delicious and productive.....		\$1.50
Belle, large, cockscomb shape, late.....		1.50
Chas. Downing, good for general cultivation.....		1.50
Caroline, roundish, irregular, season medium.....	\$.50	1.50
Col. Cheney, large, hardy and productive.....		1.50
Champion, large, dark red berries, productive.....		1.50
Forest Rose, large, abundant bearer, early and good.....	.50	3.00
Gen. Sherman, large, conical, early.....	.50	2.00
Grace, early, large and good.....	.50	3.00
Great American, large size and good flavor.....	.50	1.50
Hervey Davis, large, handsome and good.....	.50	2.00
Hovey's Seedling, the largest and finest strawberry.....		1.50
Jenny Lind, one of the finest early varieties.....		1.50
Jucunda, very large, showy and good.....		1.50
Kentucky, very large, late and good.....		1.50
Lady of the Lake, large, showy and good.....		1.50
Late Prolific, large, dark red and productive.....		1.50
La Constante, very large and handsome, fine flavor.....		2.00
Monarch of the West, very large, juicy and fine.....		1.50
Star of the West, large and good.....		1.50
Sterling, large, handsome, and good flavored.....		1.50
Sharpless, one of the largest berries, good bearer and fine flavor.....	.50	2.00
Seth Boyden, large size, very productive.....		1.50
Triomphe de Gand, large, productive and good.....		1.50
Wilson, large, productive, but acid.....		1.00

RASPBERRIES.

Pride of the Hudson; a new variety offered for sale last year. (Red.) Each, 50c.	5.00	
Clarke, entirely hardy, rich and well flavored. (Red).....	1.00	5.00
Belle de Fontenay, hardy, producing a crop in the autumn. (Red).....	1.00	5.00
Brinkley's Orange, fine flavored. (Yellow).....	1.50	6.00
Knevet's Giant, one of the best, large and finely flavored. (Red).....	1.50	6.00
Herstine, a new variety, said to be excellent. (Red).....	1.50	6.00

CURRANTS.

Cherry, very large, with dark-red berries, rather acid.....	1.50	8.00
Dana's Transparent, the finest white variety.....	2.00	10.00
La Versailles, very large; the finest red currant.....	2.50	10.00
White Grape, a very fine variety, large and productive.....	1.50	10.00
White Dutch, an old but fine variety.....	1.50	10.00
Red Dutch, a very fine variety.....	1.50	8.00
Black Naples, a fine, large fruit.....	1.50	10.00

BLACKBERRIES.

Dorchester, very early; berries very large, rich and sweet.....	1.00	5.00
Holcomb, a large, late, and fine variety.....	1.00	5.00
Kittatinny, large, sweet, and of excellent flavor.....	1.00	6.00
Wilson's Early, very large, early, rich and good.....	1.50	6.00

PEAR TREES.

Trees two to three years old, 50c. to 75c. each. Trees of extra size, \$1 to \$3 each.

Our stock of pears includes all the popular and desirable varieties, of which we enumerate a few:—

Bartlett, large size, and delicious, hardy, productive.	September.
Beurre Bosc, large russet, high flavored.	October.
“ d'Anjou, large and excellent; keeps well.	November.
“ Clairgeau, very large, handsome and good.	November.
“ Diel, very large, rich and fine.	November.
“ Hardy, russet; large, rich, delicious.	September.
“ Superfine, large, very melting and fine.	October.
Belle Lucrative, good size, and very delicious.	September.
Brandywine, a very fine summer pear.	August.
Buffum, medium; very productive and good.	September.
Clapp's Favorite, large as Bartlett, and early.	August.
Dana's Hovey, the finest winter pear.	December.

Doyenne Boussock, very large and fine. September.
 " du Comice, one of the most delicious of autumn pears. October.
 " d'Ete, small but very delicious. August.
 Duchesse d'Angouleme, very large and handsome. November.
 Elizabeth, (Mannings), small; very handsome and fine. August.
 Flemish Beauty, very large; very handsome, and excellent. September.
 Howell, large; handsome and fine.
 Lawrence, medium size; a fine winter pear. December.
 Louise Bonne de Jersey, large, handsome, excellent. October.
 Rostiezer, a small, very high-flavored pear. August.
 Seckel, one of the most delicious pears. October.
 Swan's Orange, very large, handsome and fine. October.
 Sheldon, Russet; very high-flavored and delicious. October.
 Urbaniste, large; a handsome and fine pear. October.
 Vicar of Winkfield, a good, late-keeping pear. January.
 Winter Nelis, Russet; high-flavored and excellent. December.

PEACH TREES.

An assortment of the finest varieties, including the following:—

Hale's Early, Early York, George IV., Early Beatrice, Early Rivers, Early Louise,
 Early Crawford, Late Crawford, Foster, Mixon, etc., etc. Price 30c. each.
 \$3.00 per dozen.

GOOSEBERRIES.

Houghton's Seedling, very prolific, and free from mildew; \$2.00 per dozen.

APPLES, CHERRIES, AND PLUMS.

All the finest varieties, 50c. to \$1.00 each; \$25.00 to \$40.00 per one hundred.

MULBERRY.

Downing's Black, a very fine fruit, \$1.00.

QUINCES.

Orange, one of the best, 50c.

WEeping TREES.

Price, \$1.00 to \$2.00 each.

Pyrus sorbus pendula, Weeping Mountain Ash.
 Fagus pendula, Weeping Beech.
 Betula alba pendula, Weeping Birch.
 Cerasus semperflorens, Weeping Cherry.
 Salix pendula, Weeping Willow.
 Salix caprea pendula, Kilmarnock Willow; very beautiful.
 Ulmus pendula, Weeping Elm.

And many other weeping trees.

ORNAMENTAL TREES.

American Elms, handsome trees. 50c. to \$2.00 each.
 Horse-Chestnuts, 75c. to \$2.00 each.
 Lindens, English and American, 75c. to \$2.00 each.
 Maples, Sugar, Norway, Silver and Scarlet, 75c. to \$2.00.
 Purple Beech, beautiful; almost black leaves. \$1.50.
 Tulip Tree, one of the most ornamental. 50c. to \$2.00.
 Magnolia, tripetala and acuminata, fine. 50c. to \$2.00.
 Weeping Willow, the true variety. 50c. to \$1.50 each.

FERTILIZERS.

STOCKBRIDGE MANURES.

Made for Different Crops.

Originated by Professor LEVI STOCKBRIDGE, Professor of Agriculture in the Massachusetts Agriculture College, and a practical farmer in the Connecticut Valley.

Eight years ago, the Stockbridge Manures were only known to a few farmers in the Connecticut Valley. Now they are so extensively used in the Atlantic States as to require two large factories to manufacture them. This increase is due to the fact that they are reliable, well-made, and high-grade manures, and also to the fact that farmers have *found them profitable to use*. The following is a list of the principal kinds;—

Indian Corn,	for one acre	3 to 6 bags,	200 lbs. each,	per bag.....	\$5.00
Potato,	"	2 to 4 "	" " " "	" " " "	5.00
Top Dressing Grass,	"	2 to 3 "	" " " "	" " " "	5.00
Seeding Down,	"	2 to 4 "	" " " "	" " " "	4.50
Forage Crops,	for one acre,	2 to 3 bags,	per bag.....		5.00
Fruit Tree,	"	4 to 6 "	" " " "	" " " "	5.00
Onion,	"	8 to 10 "	" " " "	" " " "	5.00
Cabbage,	"	8 to 10 "	" " " "	" " " "	5.00
Turnips,	"	4 to 6 "	" " " "	" " " "	5.00
Strawberry.	"	8 to 10 "	" " " "	" " " "	4.50
Tobacco,	"	10 to 15 "	" " " "	" " " "	5.00
Sugar Beets,	"	4 to 6 "	" " " "	" " " "	5.00

For other kinds and for special instructions see DESCRIPTIVE PAMPHLET MAILED FREE. A tag accompanies each package, giving the guaranteed analysis and full direction for applying.

BOWKER'S HILL AND DRILL PHOSPHATE.

Of twenty different brands of Phosphate analyzed by the "Massachusetts Inspectors of Fertilizers," our Hill and Drill stood the highest, with a valuation much higher than other Phosphates selling at the same price.

As its name indicates, this phosphate is made to be used in the hill or drill to give crops a start before the manure "takes hold," but it may be used alone, the same as any other brand of phosphate, and will be found superior to any other kind, for use alone, or to be applied with stable manure, as is generally the practice in New England in the application of phosphates. Next to the Stockbridge manures, there is no other brand of fertilizer which will give the New England farmer so much satisfaction as the Hill and Drill Phosphate.

Price per bag, 200 lbs.....	\$5.00
" " ton, (10 bags).....	

BOWKER'S ANIMAL FERTILIZER.

We desire to call the attention of farmers to this brand of Fertilizer, which was the first animal fertilizer ever sold in New England. It is made of the refuse blood, meat and bone of the cattle slaughtered at the Brighton Abattoir, to which is added potash and also sulphuric acid to render the bone more available, and make the Fertilizer better adapted for hoed crops.

100 lbs.....	\$2.50	1 ton.....	\$40.00
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BOWKER'S PURE GROUND BONE.

3 to 4 per cent. ammonia, 20 to 25 per cent. phosphoric acid. This is an excellent quality of bone, absolutely pure, and ground *very fine*. We warrant it to be pure and as good bone as is sold in any market.

How to Prepare It.

To obtain the best results, we recommend: treating bone with vitriol, or composting with wood ashes or potash, when it is to be used on corn or root crops. The object is to make a sufficient amount soluble for immediate use, and after that the action of the soil on the bone will make it available as fast as it is required by the plant.

In composting with wood ashes or potash, mix the bone with them thoroughly, add a sufficient amount of water to moisten it, and then cover up the entire pile with loam about four inches thick, so that none of the ammonia can escape.

If convenient, allow this to remain so for two or three weeks, if possible, before using, care being taken to keep it moistened when ready for applying to the field mix the pile all together and use as you would any other Fertilizer.

Price in bbls. of about 225 lbs. each, per ton.....	\$40.00
Single bbls., per lb.....	2½c.

BOWKER'S LAWN DRESSING.

Do not disfigure your Lawns, Grass Plats, or Cemetery Lots with strong, offensive manure, full of weed seeds. This Dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass of a *rich green color*. It has been extensively used for many years on Lawns about Boston, New York, and other cities, and also on the Public Squares, and universally liked. It is far superior to lumpy, straw manure, which disfigures the lawn with filthy materials, giving off an offensive odor; and is less expensive than manure, the cost of the dressing being *less* in many cases than the *cost of applying* stable manure. It is *odorless*, and so clean that any member of the family can apply it. It contains no *weed seeds found always in manure*, and which are the pests of the lawn; and is worth all it costs, if only for the rich color which it imparts to the grass. It may be applied at any time during the Spring, Summer, or Autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by the hot sun and drought of our summers. Full but simple directions accompany each package.

Trial bags for 1,000 square feet.....	\$0.50	50 lb. bags for 5,000 square feet.....	\$1.75
" " " 2,500 " "	1.00	100 " " 1/4 acre,	3.00

BOWKER'S KITCHEN-GARDEN FERTILIZER.

Cheaper and more easily applied than stable manure, and free from weed seeds. This is made for a general kitchen-garden manure, and may be used on all garden crops, vegetables, fruits, etc., in place of stable dung. It is cheaper, much more easily applied, *free from weed seeds*, and will give as large crops, always as good, and generally of better quality and an *earlier growth*, than stable manure. It has very little odor, clean to handle, and very easily applied. Every one who has a garden should give it a trial.

25 lbs. for 600 square feet.....	\$1.00	100 lbs. for 2,500 square feet.....	\$3.00
50 " " 1,200 " "	1.75	200 " " 1/2 acre,	5.50

BONE MEAL FOR CATTLE.

An article that every owner of stock should use to feed. This is made from clean bones ground fine and perfectly sweet.

Price in bbls. of about 225 lbs. each, per ton.....	\$50.00
" per lb., in less quantities.....	4c

CHICKEN BONE.

Ground coarse, like rice; is just the thing to feed to your fowls during the winter months:

Price in bbls. of about 225 lbs. each, per ton.....	\$50.00
" per lb. in less quantities.....	4c

PERUVIAN GUANO.

For forcing early vegetables, or second garden crops, the brand "No. 1, Guaranteed," Peruvian Guano, is especially recommended. It is generally used by florists, and nothing is better for house plants than a weak solution applied once or twice a week.

Price, per ton, in 200 lb. bags.....	\$63.00
" " 200 lb. bag.....	6.50
" " 100 "	4.00
" " 1 lb. package.....	10c

BOWKER'S AMMONIATED FOOD FOR FLOWERS.

A Fertilizer made expressly for plants grown in the house, garden, or conservatory; clean, almost odorless, and producing healthy, luxuriant plants, free from vermin, and early and abundant blossoms of rich and brilliant color.

For a long time there has been a great want among florists and ladies, who delight to grow flowers, for some kind of dressing that shall, not only produce healthy plants, free from vermin, and abundant, early blossoms, but which at the same time may be easily applied, without offensive odor, or without injury to plants.

In this Ammoniated Food, ladies and florists will find this want met. It is made expressly for flowers grown in the house, garden, or conservatory, and contains the same plant food as stable manure, but in a cleaner, more concentrated and more soluble form.

This Flower Food gives off no offensive or unhealthy odor, and being immediately soluble and ready for the plants to take up, produces a much quicker and healthier growth, earlier and more abundant blossoms, and of a richer and more brilliant coloring than stable manure, guano, or any other dressing that has ever been prepared.

Trial Package.....	20 cents.
Regular	30 "

THE BEST RESULTS FROM THE SMALLEST OUTLAY.

COMMON SENSE FERTILIZERS,

MANUFACTURED BY THE

DOLE COMMON SENSE FERTILIZER CO.

In offering you the above mentioned *Fertilizers*, we believe that we have an article that will meet the demands of the *Farmer, Gardener and Florist*, both as to effectiveness and durability, and what is equally important, *cheapness in price*. Our aim has been to reach the maximum worth in the least bulk, and thereby greatly reduce the freight expenses, and this we have undoubtedly accomplished. It is generally admitted by all practical *growers* that *stable manure* when applied in sufficient quantities will produce the most desirable results, but the objection is that it is of great bulk, and requires much labor and expense to handle properly. All *Fertilizers* must and do have a basis or foundation, to which are added certain chemicals, thus forming the commercial fertilizers of the world as now sold. In our base we use no *marl, meadow muck or loam*, but compound it from a carefully prepared compost, of which an extract obtained from stable manure is a large ingredient. To the base thus prepared, we have added the requisite quantities of *bone and potash*, and are thus enabled to place before you in our *Common Sense Fertilizers*, a *complete manure*, containing all the elements of plant food, combined in its most perfect state.

For further particulars, price list, &c., see pamphlet, which we will mail on application.

Dole Common Sense Fertilizer Co.

42 CONGRESS ST., BOSTON, Mass.

FOR SALE BY

JOSEPH BRECK & SONS,

51, 52 & 53 NORTH MARKET ST.,

BOSTON, MASS.

FLOWER SEEDS.

Thousands of our customers are watching and waiting patiently for our *Annual Seed Catalogue* of Vegetable, Field and Flower Seeds, and on receipt of this valuable book, many of our patrons living in the far West and distant cities, at once make up their orders and forward them to us by return mail. To enable them to make up their list of wants, we have arranged our Flower Seeds in six different classifications, showing if a flower blooms the first season or the second, &c. The varieties marked * are those contained in our choice collection of twenty-five Annual Varieties of Flower Seeds for \$1.00, post-paid. [SEE COLORED PLATE].

FLOWERS BLOOMING THE FIRST SEASON.

Abonia.	*Calendula.	Fenzlia.	*Larkspur.	Phlox Drummondi.
Acroclinium.	*Canary Bird Flower.	Forget-Me-Not.	Leptosiphon.	*Pink.
Adonis.	*Candytuft.	Four O'clock.	Limnanthes.	*Poppy.
Ageratum.	Castor Bean.	Gaillardia.	Linum.	*Portulaca.
Agrostemma.	Catananche.	Gilia.	Lobelia.	Primrose.
Alonsoa.	Catchfly.	Globe Amaranth.	Love Grove.	Rhodanthe.
*Alyssum.	Celosia.	Gnaphalium.	Love-in-a-Mist.	Salpiglossis.
Amaranthus.	Centaurea.	Godetia.	Lupin.	Salvia.
Ammobium.	Chlora.	Gourds.	Lychnis.	Sanvitalia.
Anagallis.	*Chrysanthemum.	Grammanthes.	Lythrum.	Saponaria.
Argemone.	Clarkia.	Gypsophila.	*Marigold.	Sensitive Plant.
Asperula.	Clintonia.	Helichrysum.	Martynia.	Snapdragon.
*Aster.	Cockcomb.	Heliotrope.	Maurandia.	*Stocks.
Bachelor's Button.	Commelina.	Helipterum.	Mignionette.	Sunflower.
*Balsam.	Convolvulus.	Hibiscus.	Mimulus.	*Sweet Peas.
Bartonia.	*Convolvulus Minor.	Honesty.	Mimucella.	Sweet Sultan.
Belvidere.	Crepis.	Humea.	Momordica.	Tassel Flower.
Brachycome.	Cuphea.	Hyacinth Bean.	*Morning Glory.	Thunbergia.
Browallia.	*Cypress Vine.	Ice Plant.	*Mourning Bride.	*Verbena.
Calempelis.	Datura.	Indian Shot.	*Nasturtium.	Virginia Stock.
Calandrinia.	Didiscus.	Ipomea.	Nemesia.	Waitzia.
*Calliopsis.	*Eschscholtzia.	Jacoba.	Nolana.	Whitlavia.
Callirhoe.	Euphorbia.	Job's Tears.	Nycterinai.	Xeranthemum.
Campanula.	Eutoca.	Kaulfussia.	*Petunia.	*Zinnia.

FLOWERS BLOOMING THE SECOND SEASON.

Adlumia.	Clematis.	Gladiolus.	Pampas Grass.	Statice.
Agrostemma.	Cobra.	Hollyhock.	Pansy.	Stocks.
Alyssum.	Columbine.	Jasminum.	Peas.	Sweet William.
Auricula.	Cyclamen.	Larkspur.	Pentstemon.	Tree Cypress.
Azalea.	Dahlia.	Lily of the Valley.	Phlox, Perennial.	Valerian.
Bocconia.	Daisy.	Linum.	Primrose.	Violet.
Canterbury Bell.	Foxglove.	Lobelia.	Pyrethrum.	Wahlenbergia.
Carnation.	Fragaria.	Lychnis.	Salvia.	Wall Flower.
Chrysanthemum.	French Honeysuckle.	Oxalis.		

ORNAMENTAL FOLIAGE PLANTS AND GRASSES.

Agrotis.	Centaurea.	Feather Grass.	Job's Tears.	Pennisetum.
Amaranthus.	Cineraria.	Ferns.	Lagurus.	Perilla.
Bocconia.	Coleus.	Hordeum.	Love Grass.	Sedum.
Briza.	Erianthus.	Humea.	Palm.	Wigandia.
Canna.	Euphorbia.	Ice Plant.	Pampas Grass.	Zea Maize.

ORNAMENTAL CLIMBERS.

Abobra.	Cobra.	Lophospermum.	Nasturtium, Tall.	Sweet Pea.
Adlumia.	Cypress Vine.	Maurandia.	Passion Flower.	Thunbergia.
Balloon Vine.	Gourd.	Momodia.	Peas.	Virginia Creeper.
Calempelis.	Hyacinth Bean.	Morning Glory.	Smilax.	Wistaria.
Canary Bird Flower	Ipomea.			

EVERLASTING FLOWERS.

Acroclinium.	Gnaphalium.	Helichrysum.	Honesty.	Waitzia.
Ammobium.	Globe Amaranth.	Helipterum.	Rhodanthe.	Xeranthemum.

SEEDS DESIGNED FOR GREEN-HOUSE.

Abutilon.	Chlora.	Ferns.	Maurandia.	Primula.
Alonsoa.	Chrysanthemum.	Fuchsia.	Mexembryanthemum.	Sedum.
Auricula.	Cineraria.	Geranium.	Mimulus.	Smilax.
Azalea.	Clanthus.	Gloxinia.	Nasturtium.	Solanum.
Balloon Vine.	Coleus.	Gunnera.	Nierembergia.	Stevia.
Begonia.	Convolvulus.	Humea.	Nymphaea.	Stocks.
Bocconia.	Cuphea.	Heliotrope.	Oleander.	Tritoma.
Calceolaria.	Cyclamen.	Ipomea.	Palm.	Torenia Fournier.
Calla.	Daisy.	Jacoba.	Pampas Grass.	Verbena.
Camellia.	Echeveria.	Lantana.	Pansy.	Vinca.
Carnation.	Erica.	Loelia.	Passion Flower.	Violet.
Cassia.	Erythrina.	Lophospermum.	Perilla.	Wall Flower.
Centaurea.

JOSEPH BRECK & SONS,

JANUARY.

S	M	T	W	T	F	S
...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...

FEBRUARY.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	...	...	...

MARCH.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...

MAY.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE.

S	M	T	W	T	F	S
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...

AUGUST.

S	M	T	W	T	F	S
...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

OCTOBER.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

NOVEMBER.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	...	...	...	...	...	...

DECEMBER.

S	M	T	W	T	F	S
...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

»*SEEDSMEN,*«

51, 52 & 53 NORTH MARKET STREET,

BOSTON.