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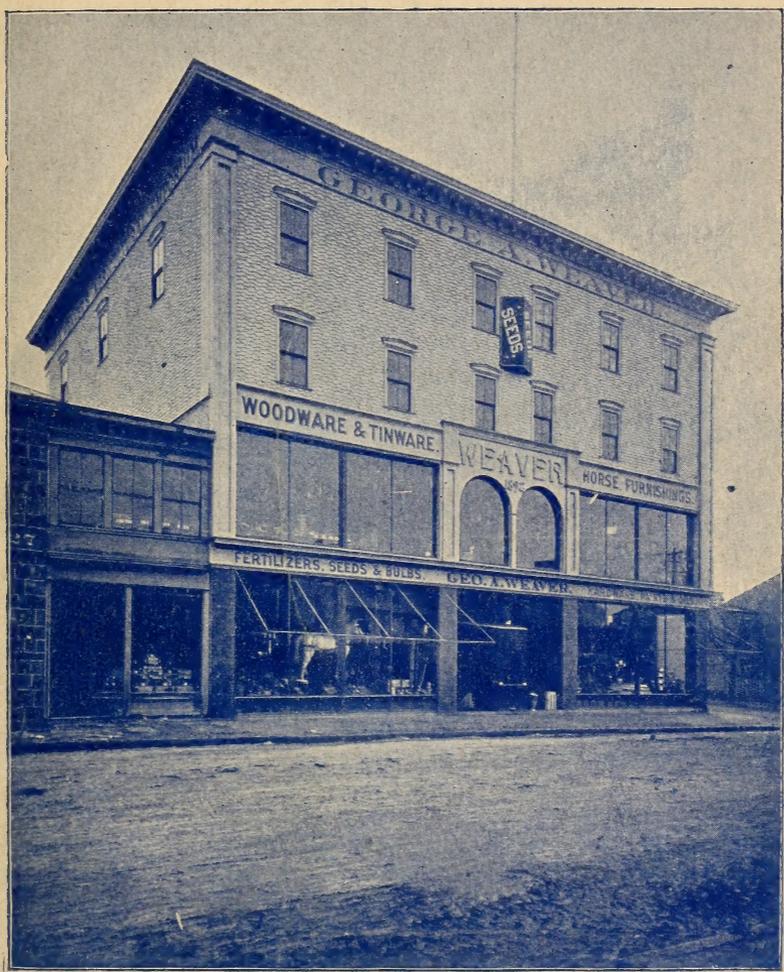
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# ANNUAL Seed Catalogue

OF



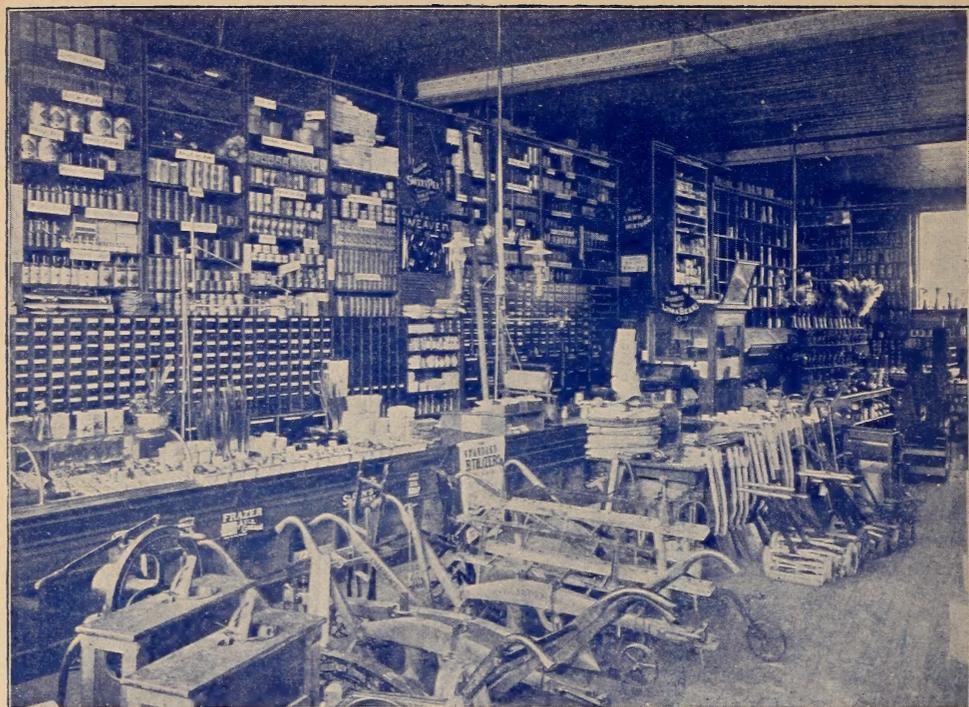
BROADWAY FRONT.

## GEO. A. WEAVER,

19, 21, 23 Broadway; © © 13, 15 Spring Street,

NEWPORT, R. I.

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VIEW OF SEED DEPARTMENT, FIRST FLOOR, 70 X 80 FEET.

# Vegetable and Flower Seeds, Spring and Fall Bulbs.

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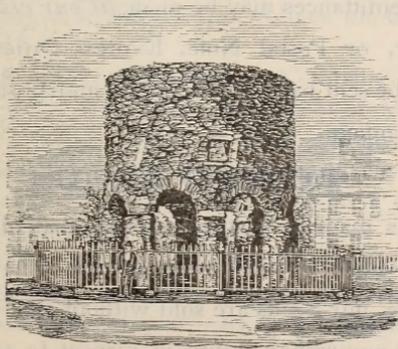
# Agricultural Implements, Etc., Etc. Field Seeds and Fertilizers.

**GEORGE A. WEAVER'S**  
**ANNUAL**  
**Seed and Tool Catalogue**

**FOR 1894.**

**19, 21, 23 Broadway, 13, 15 Spring Street,**

**NEWPORT, R. I.**



**NEWPORT:**  
**DAILY NEWS JOB PRINT, 207 THAMES STREET.**  
1894.

# Seeds Postpaid by Mail.

PLEASE bear in mind that we send all seeds ordered at OUNCE and PACKET prices, FREE BY MAIL. All heavy Seeds, including Peas, Beans, Corn, etc., we do not send free, as these are quoted at *net* prices at store. Purchasers desiring these by mail are requested to remit an additional amount sufficient to cover the postage, at the rate of EIGHT CENTS PER POUND, OR FIFTEEN CENTS PER QUART.

## ERRORS.

We, at all times, exercise the greatest care in filling orders, striving to do a little better than we offer; but, in spite of our vigilance, mistakes will sometimes occur. In such cases we will gladly make satisfactory corrections when promptly notified of the fact.

## NEW CUSTOMERS.

Orders from parties unknown to us, to insure prompt attention, must be accompanied by a remittance or by satisfactory reference to some responsible house, or to some person of our acquaintance.

## REMITTANCES.

Any mode of remittance that may be convenient to our customers will be acceptable to us. Remittances may be made *at our risk* by Bank Draft, Post-office Money Order, or Postal Note, Express Order or Registered Letter. Small amounts may be sent by ordinary mail, and postage stamps can always be used by us to advantage.

## TESTED SEEDS.

We have always made it a stringent rule that all Seeds should be tested prior to shipment. While we exercise great care to have all Seeds pure, reliable and true to name, our Seeds are sold without any warranty, expressed or implied, and without any responsibility in respect to the crop. If our Seeds are not accepted on these terms, they must be returned at once.

PLANTS, SHRUBS, Etc., will be properly packed in damp moss, so as to reach their destination in good order.

PLANTS, SHRUBS, Etc., will not be sent C. O. D.

## A WORD TO MY PATRONS.

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**A**T the end of "'93" America closes one of the most renowned in its annals, having experienced the most progressive and at the same time one of the most disastrous known, barring the time of its strike for liberty.

The planter can congratulate himself that he is a reaper of the soil, for he has but to plant and till well and Nature promises him success; on the other hand the merchant, banker and manufacturer are subject to a general depression and loss of confidence in all branches of industry which has been so strongly illustrated during the past year in the cutting down of labor, profit and capital. While this depression has been so general, I have not waited for a revival of good times but have sought to keep ahead and give to my patrons all the latest and most improved products of skilled labor in the various lines of **HARDWARE, WOODENWARE, PAINTS, HORSE AND POULTRY SUPPLIES, ETC.**

**SEEDS** have been a specialty with me from the first and to this line I invite your special attention. My stock coming from the most reliable growers, enables me to compete not only in *merit* but in *price* with any reliable seed house in the country. Having ample help, under the management of a seedsman of more than 20 years' experience, both in the retail and wholesale business, who gives his entire attention to this branch of my business, I am in a position to serve you in a careful and satisfactory manner. The fact of combining so many lines of goods enables me to carry on this part of my business at a smaller profit than would be possible for one who confines himself to this branch alone. To those into whose hands this Catalogue may come, who are unacquainted with my surroundings, I would refer them to the views of my store on the outer and inner covers of this Catalogue, stating further that the entire four floors and basement, inclusive, covering an area equivalent to *half an acre*, are devoted entirely to my business which gives me an Emporium second to none in New England for the sale of these goods. Located as I am in **NEWPORT**, the first and most prominent resort in America, it obliges me to be pre-eminent in all classes of my trade.

Being connected with the Newport Nursery Company, located within a short distance of my store, which under the management of Mr. L. D. Davis, with whose writings many of my readers are familiar, and an efficient Superintendent whose life has been devoted to the Nursery business both in Europe and this country, it enables me to guarantee my customers unquestionable success in filling orders entrusted to me, and prompt delivery. The Company has a carefully selected stock of Herbaceous Shrubs, Trees, etc., etc., which will compare favorably with older and better known Nurserymen. An *important* fact should be taken into consideration, namely: Newport's fertile soil and its climate, subject to the coast storms and the salt atmosphere it has a tendency toward making a hardy and most luxurious growth as may be seen by visiting the many beautiful villas in and about Newport.

Soliciting a continuance of the patronage so generously given me in "'93,"

I am, awaiting your commands,

NEWPORT, R. I., Jan. 1894.

GEO. A. WEAVER.

# GENERAL LIST

OF

# VEGETABLE SEEDS.

## ARTICHOKE.

Sow early in April in rich soil, in drills 1 inch deep, about 12 inches apart, and thin out in the rows to 4 inches apart. When one year old transplant in rows 3 feet apart, and 2 feet in the rows. Protect during winter with a covering of manure or leaves. The bed will remain in bearing for years.

	Pkt.	Oz.	Lb.
<b>Large Green Globe.</b> The best for general culture . . . . .		.05	.30
<b>Jerusalem.</b> A hardy and productive plant, used for pickling and feeding stock. Strong tubers. (By mail 40 cents per. quart) Quart, 20 cents; peck, \$1.00; bushel, \$3.00.			

## ASPARAGUS.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and 2 feet in the rows, spreading out the roots, and covering from 6 to 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 pounds an acre. Cut for use the second year, after planting in permanent bed. *One ounce to 60 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Barr's Mammoth.</b> Very large and fine . . . . .	.05	.15	\$1.15
<b>Conover's Colossal.</b> One of the best varieties; large and productive, . . . . .	.05	.10	.60
<b>Palmetto.</b> Very large and fine. . . . .	.05	.15	1.50

## BEANS, DWARF OR BUSH.

These succeed well in almost any well-worked soil. Plant when the weather has become warm, in drills 2 or 3 feet apart according to the richness of the soil. Cover the seed about 2 inches. For succession, plant every 2 weeks from the first of May till August. Hoe often, but never when the vines are wet, as the pods would become discolored. *One quart to 100 feet of drill; one and one-half bushels will plant one acre.*

	Pkt.	Qt.	Pk.
<b>Improved Early Valentine.</b> Very early and productive . . . . .	.10	.25	\$1.25
<b>Newtown Early.</b> Light green, flat pods; earliest and most productive variety yet raised . . . . .	.10	.25	1.50
<b>Early Mohawk.</b> Excellent for string or shell; good bearer . . . . .	.10	.25	1.25
<b>Refugee.</b> Later. Young pods very tender; used for pickling . . . . .	.10	.25	1.25
<b>Boston Favorite.</b> Very fine . . . . .	.10	.25	1.50
<b>Early Yellow Six Week.</b> Early, prolific, excellent . . . . .	.10	.25	1.25
<b>Dwarf Horticultural.</b> The best shell bean, early . . . . .	.10	.30	1.50
<b>Low's Champion.</b> Excellent for string or shell, very early . . . . .	.10	.30	1.50
<b>Golden Refugee.</b> Later, used for pickling . . . . .	.10	.30	1.50
<b>White Marrow</b> . . . . .	.10	.25	1.25
<b>White Kidney</b> . . . . .	.10	.25	1.25
<b>Early China.</b> Popular snap and shell bean . . . . .	.10	.25	1.25
<b>Black Wax or Butter.</b> Transparent, very tender . . . . .	.10	.30	1.50
<b>White Wax.</b> Pods and seed white, good snap bean . . . . .	.10	.30	1.50
<b>Early Refugee Wax</b> . . . . .	.10	.30	1.50
<b>White Pea.</b> Small for baking . . . . .	.10	.20	1.00

## BEANS, DWARF OR BUSH—Continued.

	Pkt.	Qt.	Pk.
Improved Golden Wax. Pods tender and free from rust or spots . . . . .	.10	.30	\$1.50
Golden Eyed Wax. Early, hardy and prolific . . . . .	.10	.35	1.75
Wardwell's Kidney. One of the best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle, of fine buttery flavor and a heavy yielder . . . . .	.10	.30	1.75
Yosemite Mammoth Wax. Very long, thick pods; delicious flavor . . . . .	.10	.60	3.00
Flageolet, Wonder of France. Very fine French Bean, with long, tender pods, which retain their bright green color when cooked . . . . .	.10	.35	2.00
Henderson's Bush Lima . . . . .	.10	.40	2.50
Dreer's Bush Lima. A dwarf form of the Dreer's Improved Lima and possessing all the valuable qualities of that excellent sort. The quality like that of its parent is <i>superior to all other Limas</i> . Grows 2 feet in height, of vigorous branching habit and matures 10 days ahead of the Large Pole Lima. On account of its superior flavor, earliness and good bearing qualities, this variety is indispensable both for market purposes or home use . . . . .	.15	1.00	7.00
Burpee's Bush Lima. This is the <i>only bush form</i> of the <i>true Large Lima</i> and comes true from seed. Grows to a height of only 18 or 20 inches and branches so vigorously as to form a circular bush from 2 to 3 feet in diameter. An immense yielder and an exact counterpart in size and flavor and in all the good qualities that have made the Large Lima popular, and with the added advantage of requiring absolutely no poles. We have pleasure in being able to offer this sterling novelty to our customers this season, at a price which places it within reach of all . . . . .	.15	1.00	7.00

## BEANS, POLE OR RUNNING.

These are more tender than the Dwarf Beans, and planting should be delayed about a week longer. *Lima* and *Sieva* Beans are not usually planted till the first of June. The soil should be thoroughly enriched with fine manure, and the beans planted in hills about 4 feet apart. Set a stout stake about 8 feet long, firmly in the centre of each hill, leaving 4 plants to a hill. *One quart is sufficient to 150 hills.*

	Pkt.	Qt.	Pk.
Golden Cluster. One of the best Pole Beans. It bears profusely its long golden-yellow pods in clusters of from 3 to 6 from bottom to top of pole, and continues from middle of July till vines are cut by frost . . . . .	.10	.40	\$2.00
Horticultural. Good either as snap or shell bean . . . . .	.10	.30	1.75
White Dutch Caseknife. Early; productive; good for string or shell bean . . . . .	.10	.30	1.75
Black Wax, or Indian Chief. Stringless, very tender snap bean with yellow pods . . . . .	.10	.40	2.25
White Runner. Ornamental, white flowering . . . . .	.10	.40	2.25
Scarlet Runner. Dazzling scarlet flowers, excellent flavor . . . . .	.10	.30	1.75

## LIMA BEANS.

	Pkt.	Qt.	Pk.
Challenger. Thick and productive . . . . .	.15	.50	\$3.00
Early Jersey Lima. A few days earlier than the Large Lima . . . . .	.10	.40	2.25
Large White Lima. This variety is largely grown and highly esteemed . . . . .	.10	.40	2.25
King of the Garden. A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor . . . . .	.10	.40	2.25
Dreer's Improved Lima. A very superior early variety, of excellent quality and great productiveness . . . . .	.10	.40	2.25
Small Lima or Sieva. The earliest of the Limas. A prolific bearer, beans small but of good quality . . . . .	.10	.40	2.00

## BEETS.

A rather light soil, well enriched, is best suited to the cultivation of the various beets. The mangels and sugar-beets in particular require very liberal manuring. For an early crop of table beets, sow the seed as early as the ground is in condition to work; light frosts will not injure the young plants. For a main crop, sow the first of May; and for winter beets, during the first two weeks in June. Sow in drills, 12 to 15 inches apart, and about 1 inch deep, pressing the earth firmly upon the seed—a very important matter. Thin out when the plants are large enough. The varieties for table use should be left 4 or 5 inches apart, while the mangels and sugar-beets should stand 10 to 12 inches apart in the row. *One ounce will sow 50 feet of drill, 5 to 6 pounds per acre.*

	Pkt.	Oz.	Lb.
Egyptian Turnip. Earliest of all; tender, excellent flavor, flat, small tap root . . . . .	.05	.10	.60
Eclipse. Very early and extra fine quality. Perfectly smooth and round; skin and flesh intense red. An excellent sort for forcing . . . . .	.05	.10	.60
Extra Early Bassano. A very early flat variety, tender, juicy; flesh white and rose color . . . . .	.05	.10	.60
Edmand's Early Turnip Blood. Very fine turnip-shaped beet; of round form; good size; dark red color, and fine flavor; splendid keeper . . . . .	.05	.10	.60
Bastian's Early. Fine form, color and quality; much in demand for early crop . . . . .	.05	.10	.60
Long Smooth Blood. Excellent late sort; dark and very smooth; stands drought better than any . . . . .	.05	.10	.50
Dewing's Blood Turnip. The most popular beet for main crop; color blood red; of good size, smooth and handsome . . . . .	.05	.10	.50
Yellow Turnip. Very fine turnip-shaped . . . . .	.05	.10	.60
Swiss Chard. Used as greens; the leaf stalks and ribs used as Asparagus . . . . .	.05	.10	.75

## SUGAR BEETS AND MANGEL WURZEL.

	Pkt.	Oz.	Lb.
White Silesian, Sugar Beet. Highly valued for feeding . . . . .	.05	.10	.40
Improved Imperial White Sugar. An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar . . . . .	.05	.10	.50
Mammoth Long Red, Mangel. A variety that is grown extensively by agriculturists. It produces large roots partly above the ground . . . . .	.05	.10	.40
Mangel Wurzel, Yellow Globe. Excellent keeping; solid variety; adapted for shallow soil . . . . .	.05	.10	.40
Mangel Wurzel, Golden Tankard. Deep yellow; very rich; splendid keeper . . . . .	.05	.10	.40
Mangel Wurzel, Red Globe. Of somewhat larger growth than the Yellow Globe . . . . .	.05	.10	.40

## BORECOLE, OR KALE.

The curled Kale is the most delicate of all the *Brassicas* and very hardy. Sow early in May, in a prepared bed, covering the seed lightly. Transplant in June, and treat in the same manner as for Cabbages. *One ounce of seed produces about 1,500 plants.*

	Pkt.	Oz.	Lb.
Darf Green Curled. Leaves bright green, beautifully curled . . . . .	.05	.10	\$1.00

## BROCOLI.

This vegetable somewhat resembles the Cauliflower, but is hardier; not so good for general cultivation. The seed should be sown in May, in a seed bed, and the plants afterwards set in rows 2½ feet apart, and 18 inches between the plants. Rich mellow soil. *One ounce of seed produces about 1,500 plants.*

	Pkt.	Oz.	Lb.
White Cape. Heads white, close and compact; standard sort . . . . .	.05	.40	\$3.00
Purple Cape. Heads greenish purple . . . . .	.05	.40	3.00

**BRUSSELS SPROUTS.**

Produces along the whole length of the stem a number of small sprouts, resembling miniature cabbages of 1 or 2 inches in diameter, of excellent flavor. The seed should be sown about the middle of May, in a seed-bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like cabbage. It is ready for use late in autumn, after the early frosts. *One ounce of seed will produce about 1,500 plants.*

	Pkt.	Oz.	Lb.
Dwarf Improved. A standard variety; compact, fine quality; a good keeper . . . . .	.05	.25	\$3 00
Tall. Very fine . . . . .	.05	.20	2.50

**CABBAGE.**

**Culture.**—For very early use, sow in January or February, in hot beds; prick out when the plants are strong enough, into other hot beds; or sow in cold frames in March, transplant when danger from killing frosts is passed, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession, sow in the open ground the last of March or early in April. Plants which have been sown in the fall, and wintered over in cold frames, are usually set out from the middle of March to the middle of April, in rows about 2 feet apart and 18 inches in the row. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart and 2 feet in a row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above the ground. To preserve the plants, sprinkle them with wood ashes, air-slacked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew. *One ounce of seed will produce about 3,500 plants.*

	Pkt.	Oz.	Lb.
Henderson's Early Summer. The best large early; a few days later than Wakefield, but larger; shape globular, flattened . . . . .	.05	.25	\$2.50
Early Jersey Wakefield. Fine early variety for home use or market; size medium; shape pyramidal; solid and sure heading . . . . .	.05	.25	2.50
Early York. Exceedingly early; fine flavored . . . . .	.05	.15	1.50
Improved Summer. Very fine . . . . .	.05	.25	2.50
All Seasons. Larger than Henderson's Early Summer, equally early, very solid and sure heading . . . . .	.05	.25	3.00
Early Flat Dutch . . . . .	.05	.25	3.00
Winnigstad. Medium early; adapted for light soils . . . . .	.05	.25	2.25
Fotter's Improved Brunswick. An excellent early Drumhead, often weighing 20 to 30 pounds; stem short and small; very sure heading . . . . .	.05	.30	2.50
Henderson's Succession. A second early sort, with large solid heads. Valuable also for a late crop . . . . .	.05	.30	3.00
Marblehead Mammoth. The largest Drumhead; excellent keeping; solid, sweet and tender; too large to be profitable for marketing . . . . .	.05	.25	2.50
Premium Flat Dutch. A late sort, with large, flattened heads . . . . .	.05	.20	2.00
Stone-Mason Drumhead. Standard variety. Large, solid, tender and excellent winter cabbage; extra fine home grown stock . . . . .	.05	.30	2.50
Large Late Drumhead. A favorite winter variety, bearing extra large solid heads . . . . .	.05	.30	2.50
Henderson's Autumn King. Is an entirely distinct variety and one of the best keeping kind; it produces enormous solid heads, of a dark green and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. A distinctive feature of this variety is its peculiarly crimped leaves . . . . .	.10	.40	4.00
Drumhead Savoy. The largest of this section; keeps well . . . . .	.05	.20	2.00
Globe Curled Savoy. A variety with finely curled leaves, and of more delicate flavor than any of the other varieties; used for a fall crop or for winter . . . . .	.05	.30	3.00
Early Red Dutch Erfurt. Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired this sort should be sown . . . . .	.10	.25	2.50
Dark Red Drumhead. Large, handsome heads; favorite sort for pickling; superior to the old Red Dutch . . . . .	.05	.25	2.50

**CARROT.**

For an early crop sow as soon as the ground is in working order; for a late crop sow in June and July. The large late varieties are suitable for a main crop. Sow in May and June, in drills about 1 foot apart; thin out to stand 4 inches in the rows. The most suitable ground for Carrots is a rich, deep, sandy loam, deeply cultivated, which has been well manured for previous crop. *One ounce of seed will plant 100 feet of drills.*

	Pkt.	Oz.	Lb.
<b>Early Short Horn Scarlet.</b> The earliest forcing variety, small root and excellent flavor . . . . .	.05	.15	\$1.25
<b>Chantenay.</b> Half-long, stump-rooted, fine grained, small core . . . . .	.05	.10	1.00
<b>Guerande, or Oxheart.</b> Intermediate between the Half-Long and Short Horn varieties; quality excellent . . . . .	.05	.10	1.00
<b>Scarlet Horn.</b> Early, and excellent sort; fine grain; medium size . . . . .	.05	.10	1.00
<b>Nantes Half-Long.</b> Good stump variety . . . . .	.05	.10	1.00
<b>Danvers Half-Long.</b> Form and color very fine; the most desirable variety for main crop; very productive and keeps well . . . . .	.05	.10	1.00
<b>Long Orange.</b> A large, long-rooted variety, much used for main crop. Yields large crop . . . . .	.05	.10	1.00
<b>Large White Belgian.</b> This variety grows about one-third out of ground, roots white, green above ground, grown extensively for feeding stock . . . . .	.05	.10	.75

**CARDOON.**

Cardoon is grown for the mid-ribs of the leaves, which are blanched in the same manner as celery. Sow early in spring where the plants are to remain, in drills 3 feet apart and 2 inches deep; thin out the young plants to 1 foot apart.

	Pkt.	Oz.	Lb.
<b>Large Spanish.</b> The best sort . . . . .	.10	.30	\$3.00

**CAULIFLOWER.**

Sow for early use about the middle of September or October, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day. When this is not practicable, they may be had nearly as well, by sowing the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in other hot-bed, until time to plant out. If hardened off, they are seldom injured by planting out, as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter Cabbage. *One ounce of seed will produce about 3,000 plants.*

	Pkt.	Oz.	
<b>Early Dwarf Erfurt.</b> An early market variety, very productive, large, white, compact heads of good quality . . . . .	.20		\$3.00
<b>Early Snowball.</b> An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture . . . . .	.25		4.00
<b>Thorburn's Gilt Edge.</b> Large, heavy sort . . . . .	.25		3.00
<b>Nonpareil.</b> Medium early . . . . .	.25		3.00
<b>Lenormand's Short Stem.</b> A large, late, short-stemmed variety, with well formed white heads, of extra quality . . . . .	.10		.75
<b>Veitch's Autumn Giant.</b> One of the finest late varieties, of robust habit, heads large, compact, and thoroughly protected by the leaves . . . . .	.10		.60

**CELERY.**

**Culture.**—Sow seeds in March or April, in a hot-bed or cold frame. As soon as the plants are 3 inches high, transplant into a prepared border, setting them 4 inches apart. When grown 6 inches, and fine stocky plants, set in richly manured, deep soil, in rows 4 feet apart, and about 7 inches from plant to plant. Water, if dry weather follows transplanting. During the next 2 months, all the attention required is to keep down weeds. Afterwards earth up a little, and continue doing so at intervals till only the tops of the

**CELERY.—Continued.**

leaves are visible late in autumn. Never hoe or earth up when the plants are wet. *One ounce of seed will produce about 4,000 plants.*

	Pkt.	Oz.	Lb.
<b>Boston Market.</b> A short, bushy, white, solid, excellent flavored market variety, constantly increasing in demand	.10	.40	\$4.00
<b>Henderson's White Plume.</b> The stalk and portions of the inner leaves and heart are naturally white, so that it needs very little earthing up. It is a very ornamental variety, while its qualities are equal to the best older sorts	.10	.40	4.00
<b>Golden Self-Blanching.</b> An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden yellow, with light yellowish green outer leaves	.10	.40	4.00
<b>Giant Pascal.</b> A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance	.10	.40	4.00
<b>Crawford's Half Dwarf</b>	.10	.40	4.00
<b>Perfection Heartwell.</b> This is one of the very best varieties in cultivation, stalks long and thick, very compact, crisp and of fine flavor	.10	.50	5.00
<b>Sandringham White.</b> A superior English variety, remarkable for its fine flavor and solidity	.05	.25	2.50
<b>Celeriac, or Turnip Rooted.</b> The round, solid roots of this variety are used	.05	.25	2.50
<b>Soup or Flavoring Celery (old seed).</b> Used for flavoring pickles, sauces, etc.	.05	.10	.50

**CHERVIL.**

The curled Chervil is an aromatic herb; the young leaves are used for flavoring stews, soups, salads, etc. Sow the seed in May, thinly, in drills half an inch deep and 1 foot apart. *One ounce of seed to 100 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Curled Chervil.</b>	.05	.20	\$2.00

**CHICORY.**

The young leaves, when blanched, are used for salads. It is also largely cultivated for the roots, which when dried and roasted, are used as a substitute for coffee, or for its adulteration. Cultivate same as carrot. *One ounce of seed to a 100 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Large Rooted Chicory</b>	.05	.15	\$1.50

**CORN, SWEET.**

**SELECTED EARS 5 AND 10 CENTS EACH.**

**Culture**—Select a warm soil if possible, especially for the earlier varieties, which should not be planted before the middle of May. Successive plantings should be made every two weeks till July. Plant in hills 3 to 4 feet apart, in thoroughly manured soil. *One quart will plant 200 hills.*

	Pkt.	Qt.	Pk.
<b>Early Corey.</b> Very early, dwarf variety; kernels large; of fairly good table quality; eight-rowed	.10	.20	\$1.25
<b>Early Crosby.</b> Twelve-rowed; the finest variety for main early crop	.10	.20	1.25
<b>Marblehead Extra Early.</b> Similar to <i>Corey</i> ; not quite so dwarf	.10	.20	1.25
<b>Perry's Hybrid.</b> An early twelve-rowed variety growing only 4 to 5 feet high, with ears as long as the Crosby, and set very low on the stalk. Kernels white, large, sweet and very tender	.10	.20	1.25
<b>Early Concord.</b> Twelve-rowed; ears rather longer than Crosby, also a few days later	.10	.20	1.25
<b>Early Minnesota.</b> Eight-rowed; excellent quality and quite early	.10	.20	1.25

## CORN, SWEET—Continued.

	Pkt.	Qt.	Pk.
<b>Mammoth Sugar.</b> The largest late sort, very productive, of fine flavor. 12 to 18 rowed . . . . .	.10	.20	1.25
<b>Stowell's Evergreen.</b> A general favorite. The ears are of a large size, grains deep and exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected . . . . .	.10	.20	1.25
<b>Potter's Excelsior, or Squantum Sugar.</b> Twelve-rowed. One of the finest and sweetest main crop varieties; very tender . . . . .	.10	.20	1.25
<b>Black Mexican.</b> A black grained variety, sweet and tender, pick young to avoid a black appearance when cooked . . . . .	.10	.20	1.25
<b>Ne Plus Ultra.</b> This is pre-eminently an epicure's variety, being the sweetest and most tender of all sweet corn. The ears are short, but the cob is very small and the kernels of extraordinary depth, pearly whiteness, and are irregularly crowded together on the cob . . . . .	.15	.30	1.50
<b>Egyptian.</b> Ears of large size; the flavor peculiarly rich, sweet. It is grown in large quantities for both canning and selling in the green state. Like all other large varieties, it matures late . . . . .	.10	.25	1.25
<b>Improved Early Canada.</b> Twelve-rowed; early, very handsome yellow ears; never fails to ripen before frosts . . . . .	.10	.75	
<b>Sweet Fodder Corn.</b> For soiling and green fodder. Sow 3 bushels per acre, broadcast, or 1½ bushels in drills . . . . .	.10	.75	
<b>Golden Queen.</b> Pop corn . . . . .	.10	.20	
<b>Rice.</b> An early variety, kernels pointed . . . . .	.10	.20	

## CORN SALAD.

Sow as early in spring as the ground can be worked in drills 12 inches apart, and cover lightly. For winter and spring use, sow in September, and winter over in cold frames. *One ounce to 100 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Round-Leaved.</b> Used as a salad . . . . .	.05	.10	\$1.00

## CRESS, OR PEPPERGRASS.

The Curled Cress has long been used as a salad and for garnishing purposes. Sow the seed thickly, in shallow drills 10 inches apart. For a succession sow every two weeks during the season. *One ounce to 30 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Extra Curled.</b> Fine pungent flavor . . . . .	.05	.10	.50
<b>Water Cress.</b> Hardy aquatic perennial, growing readily on the banks of streams or ponds . . . . .	.10	.40	\$4.00
<b>Upland Cress.</b> Grown as spinach and of easy culture. It is a perennial plant and can be grown for 2 years without renewing. Yields enormously. The seed should be sown in April. 12 to 15 inches apart . . . . .	.05	.10	1.00

## CUCUMBER.

**Culture.**—For very early use, seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early cucumber plants, as they can be readily lifted from the hot-bed to the garden without disturbing the young plants growing upon them. For main crop, plant in hills 4 feet apart, in the end of May. Make the hills rich with well-rotted manure, and keep the young plants safe from the striped bug by dusting with dry plaster or powdered hellebore. *One ounce of seed will plant about 50 hills.*

	Pkt.	Oz.	Lb.
<b>Rawson's White Spine.</b> A remarkably fine strain, growing very even in size and regular in form. It is especially recommended to market gardeners, from the fact that the first set on the vines is unusually even in form and size, and continues so through the season. Fine for forcing . . . . .	.10	.30	\$3.00
<b>Improved White Spine.</b> Very productive; of medium length; dark green color, flesh crisp and of excellent flavor; one of the finest sorts . . . . .	.05	.10	.80

**CUCUMBER.—Continued.**

	Pkt.	Oz.	Lb.
Early Cluster. Prolific, tender, crisp; dark green . . . . .	.05	.10	.75
Long Green. Fruit about 12 inches long; excellent quality . . . . .	.05	.10	.80
Short Green, or Gherkin. Similar to Early Frame; good for pickling . . . . .	.05	.10	.80
Nichol's Medium Green. For early forcing, late sowing for pickling, or for ordinary table use this variety will be found useful . . . . .	.05	.10	.80
Early Russian. One of the earliest; the fruit is small and produced in pairs . . . . .	.05	.10	.80
Boston Pickling. The best for pickling . . . . .	.05	.10	.80
West India Gherkin. Very small; used only for pickling . . . . .	.05	.20	2.00

**COLLARDS.**

Sow for succession from June to August, and treat as Cabbage, in rows 1 foot apart.

	Pkt.	Oz.	Lb.
True Georgia . . . . .	.05	.15	\$1.00

**DANDELION.**

The Dandelion resembles Endive, and is sometimes 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  $\frac{1}{2}$  an inch deep and 12 inches apart. The plants will be ready for use the following spring. *One ounce of seed will plant about 200 feet of drill.*

	Pkt.	Oz.	Lb.
Improved Large Leaved. The finest variety . . . . .	.05	.40	\$4.50

**EGG PLANT.**

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hot-beds or warm greenhouse in March or April, and when about an inch high pot in 2-inch pots. Plant out about June 1st,  $2\frac{1}{2}$  feet apart. If no hot-bed is at hand, they can be grown in any light room where the temperature will average 75 degrees. *One ounce will produce about 1,500 plants.*

	Pkt.	Oz.	Lb.
Early Long Purple. Fruit longer and smaller than the New York. Color sometimes deep purple, and again pale, with white or yellowish stripes. Early, productive and of easy culture . . . . .	.10	.30	\$3.00
New York Improved. This is the leading market variety everywhere. Plant is robust, the leaves and stems being thickly set with spines, which are not found to any extent on the other varieties. Very large, oval, heavy fruit . . . . .	.10	.50	5.00

**ENDIVE.**

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. Plant 1 foot apart each way. When plant is fully grown gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves, which in the course of from 3 to 6 weeks, according to the temperature at the time, become blanched. *One ounce of seed for 75 feet of drill.*

	Pkt.	Oz.	Lb.
Green Curled. Not only most useful as a salad, but is highly ornamental from its delicately cut and colored leaves. It is much used for garnishing . . . . .	.05	.25	\$1.75
Broad-Leaved Batavian. (Escarolle). A looser-growing sort, sometimes used in soup; not as desirable for blanching as the other varieties . . . . .	.05	.25	1.75

**KOHL-RABI.**

An intermediate vegetable between the Cabbage and Turnip. 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. Sow in May, June or July in rows 18 inches apart and thin out the plants to 10 inches apart. Cultivate the same as for Cabbage. *One ounce of seed will plant a drill of about 200 feet.*

	Pkt.	Oz.	Lb.
Early Purple Vienna. Greenish Purple outside, with white flesh . . . . .	.05	.25	\$2.50
Early White Vienna . . . . .	.05	.25	2.50

**LEEK.**

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. Sow early in April, in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. *One ounce will plant a drill of about 100 feet.*

	Pkt.	Oz.	Lb.
<b>Musselburgh.</b> Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality . . . . .	.05	.25	\$2.00
<b>Large American Flag.</b> A favorite variety with the market gardeners, of strong and vigorous growth . . . . .	.05	.25	2.50

**LETTUCE.**

The Lettuce is the best vegetable of the salad kind grown in the open air. It thrives best in a light, very rich, moist soil, with a dry sub-stratum, but does well in common garden soil enriched with rotted manure. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a summer supply, sow thinly in shallow drills, 18 inches apart, and transplant, or thin out to a foot apart between the plants. Sowings may be made from April to the end of August. *One ounce will produce about 3,000 plants.*

	Pkt.	Oz.	Lb.
<b>Boston Market, or White Seeded Tennisball.</b> <i>For forcing.</i> Forms fine, perfect heads; very crisp and tender. The true strain on which growers for Boston market rely extensively for heading under glass . . . . .	.10	.40	\$4.00
<b>White Seeded Tennisball.</b> (Imported.) Early, tender and good for garden crop . . . . .	.05	.20	1.50
<b>Henderson's New York.</b> New; of unusual size and solidity; centre white; crisp, tender and excellent . . . . .	.05	.25	2.00
<b>Black Seeded Tennisball.</b> This variety is the most popular for open-air culture; it forms a handsome compact head, with very few outside leaves, and is crisp and tender . . . . .	.05	.25	2.00
<b>Deacon.</b> Unsurpassed variety; heads large, compact, and almost every leaf tender, without bitter taste and stands our hot sun well . . . . .	.05	.25	1.50
<b>Golden Head.</b> Heads large and firm; outer leaves golden yellow speckled with red; inner leaves white and crisp . . . . .	.05	.25	2.50
<b>Salamander.</b> One of the best for summer use, forming good-sized, compact heads. Color, light green outside and white inside. Its great merit, however, is that it will remain longer in head, and stand a greater amount of heat without burning or running to seed than any other variety . . . . .	.05	.20	1.50
<b>Big Boston.</b> This variety is identical in color, shape and general appearance with the Boston Market Lettuce, but is double the size. About one week later in maturing. A most desirable variety for forcing in cold frames or open ground planting. It heads up well at all seasons of the year, and is of crisp, tender quality . . . . .	.10	.35	3.50
<b>All-the-year-Round.</b> A very hardy, compact cabbage-lettuce with close heads . . . . .	.05	.25	2.00
<b>Buttercup.</b> Remarkably tender and delicate; very solid heading; leaves beautiful . . . . .	.05	.25	2.00
<b>Shotwell Brown Head.</b> Very fine . . . . .	.05	.25	2.50
<b>White Summer Cabbage.</b> Large; usually tender and keeps well . . . . .	.05	.20	2.00
<b>Early Curled Simpson.</b> Heads large; very tender; excellent for first crop . . . . .	.05	.20	1.50
<b>Black Seeded Simpson.</b> Nearly double the size of ordinary Simpson, standing well the summer heat . . . . .	.05	.20	1.50
<b>American Gathering.</b> Suitable for picking when young. Heads solid and crisp; tips of the leaves marked with red . . . . .	.05	.25	2.00
<b>Hanson.</b> Heads very large; solid; tender; fine flavor; stands summer heat well . . . . .	.05	.20	2.00

## LETTUCE.—Continued.

	Pkt.	Oz.	Lb.
<b>Defiance.</b> Large, close heading cabbage variety, with tender, crisp, icy leaves of fine quality . . . . .	.05	.25	2.50
<b>Drumhead.</b> Favorite old variety, with large, crisp heads . . . . .	.05	.20	2.00
<b>Paris Cos, or Romain.</b> Of upright growth; very tender . . . . .	.05	.20	2.00
<b>Triang Self-Closing Cos.</b> The finest of the Cos varieties. Leaves long, narrow, and heads upright . . . . .	.10	.40	4.00

## MARTYNIA.

The martynia is a plant not very extensively cultivated. The seed pods, when young and tender, make very acceptable pickles. Some of the varieties are also grown in the flower garden for ornamental purposes. The plant is half-hardy; and as it does not bear transplanting well, the seed should be sown where the plants are to stand. The soil best adapted is a warm, sandy loam. Plant in May or June, in rows 2 feet apart, making hills about a foot apart. In each of these sow several seeds, and thin to one plant in each hill when the plants are well started.

	Pkt.	Oz.	Lb.
<b>Martynia Proboscidea.</b> The best for pickles . . . . .	.05	.40	\$4.00

## MELON, MUSK.

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and drv. in hills 6 feet apart each way for Musk Melons, 8 feet for Water Melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground. *One ounce will plant about 60 hills.*

	Pkt.	Oz.	Lb.
<b>The Banquet.</b> This variety, recently introduced, is a salmon-fleshed, medium-sized melon, flat at both ends and beautifully netted. In quality it has no equal, the flesh is uniformly deep and of that granulated character that indicates a good melon . . . . .	.10	.20	\$1.50
<b>Early Christiana.</b> Very early yellow-fleshed melon, with rich, melting flavor. Short and flattened at the end . . . . .	.05	.10	1.00
<b>Montreal Nutmeg.</b> Early; of large size; handsome appearance and excellent quality. Very productive, green flesh . . . . .	.05	.10	1.00
<b>Hackensack.</b> One of the best: large, round, deeply ribbed and netted; flesh green, of delicious flavor, favorite with market gardeners . . . . .	.05	.10	1.00
<b>Surprise.</b> Very early, with thick salmon-colored flesh; exquisite flavor . . . . .	.05	.10	.80
<b>Jenny Lind.</b> The earliest variety; netted, of small round size, excellent flavor; green flesh . . . . .	.05	.10	.80
<b>Netted Gem.</b> Round, green, thickly netted; flavor rich, sugary and luscious, light green flesh . . . . .	.05	.10	1.00
<b>Early Emerald Gem.</b> Skin dark green with a few lighter colored stripes; small to medium size, nearly round; flesh salmon colored, very sweet and high flavored . . . . .	.05	.10	1.00
<b>Miller's Cream, or Osage.</b> A most delicious melon; flesh of a rich salmon color; very sweet, melting and thick. Fruit of good size . . . . .	.05	.10	1.00
<b>White Japan.</b> Early, medium sized, roundish variety, with cream white flesh; one of the sweetest . . . . .	.05	.10	.80
<b>Skillman's Netted.</b> Green flesh; early, highly perfumed, delicious flavor, roundish oval form . . . . .	.05	.10	1.00
<b>Long Yellow Musk.</b> Large; flesh salmon, very thick; good old sort . . . . .	.05	.10	.80
<b>Bay View Cantaloupe.</b> Green-fleshed, oblong melon; of large size and fine, rich flavor . . . . .	.05	.10	.80
<b>Mango, for Pickles.</b> Very small, used in the green state . . . . .	.05	.40	4.00

## MELON, WATER.

Water Melons require the same treatment and soil as described for the Musk Melon, but being more tender, should be given a southern exposure if possible. The hills should be 8 feet apart. *One ounce to 30 hills.*

	Pkt.	Oz.	Lb.
<b>Vick's Early.</b> Very early, oblong, medium size with bright pink flesh, solid and sweet	.05	.10	\$1.00
<b>Cuban Queen.</b> Round, large; flesh bright red; crisp and sweet	.05	.10	1.00
<b>Mammoth Ironclad.</b> Of large size and great weight; flesh deep red, and of delicious flavor	.05	.10	1.00
<b>Hungarian Honey.</b> A small, round, deliciously sweet Water Melon, suitable for private gardens	.05	.10	1.00
<b>Green and Gold.</b> Of large size and beautiful appearance, flesh golden orange; juicy, sweet and of unequalled flavor; rind thin	.05	.10	1.00
<b>Mountain Sweet.</b> Oblong, with dark green skin; flesh very solid and sweet	.05	.10	.80
<b>Phinney's Early.</b> Productive, early and finely flavored; red flesh, white seeds	.05	.10	.80
<b>Ice Cream.</b> Medium size; nearly round; color pale green; thin rind; flesh solid, scarlet, crisp, of delicious flavor and very sweet	.05	.10	.80
<b>Kolb Gem.</b> This Melon grows to a very large size, nearly round, and is an excellent shipper. Of a delicious sugary flavor, bright red flesh, firm and solid	.05	.10	.80
<b>Black Spanish.</b> Round, dark green; flesh scarlet; delicious	.05	.10	.80
<b>Pride of Georgia</b>	.05	.10	.80
<b>Boss.</b> Color dark green; flesh unusually deep scarlet; rind very hard, but thin; quality of the best	.05	.10	1.00
<b>Citron.</b> Used only for preserves	.05	.10	.75

## MUSHROOM.

To cultivate mushrooms successfully does not always require extensive experience. Some care is necessary, however, in the selection of the materials, and in forming the beds; but the matter of securing and maintaining the proper temperature in the room and in the beds needs close attention, for success depends very much upon this point. Mushrooms may be grown in a dark room, cellar, stable, or elsewhere. Any place in which an even temperature of about 50° to 60° can be kept, is suitable. For materials for the bed, use fresh horse manure, free from straw or chips, and good loamy soil. Use one-fourth to one-third loam; the rest manure. Mix very thoroughly; and upon a dry, firm bottom, make the bed of this mixture, about 4 feet wide, and of any desired length. Build it up evenly, pressing it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into the bed, and note the temperature. When the heat has partially subsided, leaving a temperature of 70° to 80°, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure pressed down. Let it remain thus 10 or 12 days; then cover with 2 inches of fresh loam, and make this moderately firm. The bed is finished by covering all with 4 or 5 inches of straw or other litter. Watering is not necessary, unless the surface of the bed gets very dry; in this event, moisten freely with water at a temperature of about 80°. In gathering the crop, do not cut, but twist them off carefully, filling up the holes with loam to keep insects from the roots. In 6 or 8 weeks from spawning the beds, mushrooms should appear. *One pound will spawn about 10 square feet. If ordered by mail, add 8 cents per pound for postage.*

**Best English Milltrack Spawn.** 15 cts per lb.; 8 lbs. for \$1.00.

**French Spawn** in 2-lb. boxes, \$1.00.

## MUSTARD.

A pungent salad, sometimes used with Cress. Sow thickly in rows and cut when about 2 inches high; for use during winter it may be sown at intervals in boxes, in the greenhouse or in a frame. For a crop of seed, sow in April in drills a foot apart and thin out moderately when about 3 inches high. *One ounce will plant about 80 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Black or Brown.</b> More pungent in flavor than the white	.05	.10	.20
<b>White London.</b> Best for salads	.05	.10	.20

**NASTURTIUM.**

The seeds, while young and succulent, are pickled and used as capers. Plant seeds in April or May, 1 inch deep, by the side of a fence, or provide some support for the plants to run on.

	Pkt.	Oz.	Lb.
Large Seeded, Tall. The best for pickling . . . . .	.05	.15	\$1.50

**OKRA, OR GUMBO.**

This vegetable is extensively grown in the Southern states. 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 garden soil. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plants from 2 to 3 feet apart. *One ounce for 40 feet of drill.*

	Pkt.	Oz.	Lb.
Dwarf Prolific. A very early variety, with long, green, slender pods, very dwarf and productive . . . . .	.05	.10	\$1.00
Improved Dwarf Green. Early and productive . . . . .	.05	.10	.75

**ONIONS.**

Plant in moist soil as soon as the weather will permit, say about May 1, in rows 12 inches apart, and cover one-half an inch deep. If the onions grow too thick, thin to about 1 inch apart, and very few small onions will be the result. Manure highly (twenty cords per acre being used by market gardeners with profit); and, if manure is not plenty, some good phosphate, at the rate of four hundred to eight hundred pounds per acre, will give splendid crops. They succeed equally well any number of years on the same ground, if kept highly enriched with fine yard manure, spread on every spring, and turned in with a light furrow. A top-dressing of wood ashes, applied after the second weeding, is very beneficial, as will soon be observed by the dark and healthy change of color given to the plants. *One ounce will sow 100 feet of drill, 4 pounds to an acre.*

	Pkt.	Oz.	Lb.
White Portugal. Early, mild flavored, and excellent for first crop . . . . .	.05	.35	\$4.00
White Globe. Large and early; will not keep well . . . . .	.05	.35	4.00
Extra Early Red. About 10 days earlier than the Wethersfield, and somewhat smaller, close-grained and heavy, of mild flavor and an excellent keeper . . . . .	.05	.30	3.00
Large Red Wethersfield. A leading variety in the Eastern states; it grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Special strain . . . . .	.05	.25	2.00
Large Red Whethersfield. . . . .	.05	.25	1.50
Griswold's Red Globe. This is one of the best varieties of onions grown for the market. It is nearly round in shape, having a bright red color. Medium early, (ripening about two weeks before the Southport Red Globe,) very productive and a good keeper . . . . .	.05	.25	2.50
Large Red Globe. With the exception, perhaps, of some of the white varieties there is no onion that realizes such large prices as this, its its beautiful globe shape and rich purplish crimson color making it extremely desirable. The Large Red Globe is a good keeper and of excellent quality. Special strain . . . . .	.05	.25	2.00
Large Red Globe. . . . .	.05	.25	1.50
Danvers Yellow Globe. An early globe-shaped Onion of mild flavor and attractive color. A good keeper and very productive. A standard variety and the most desirable for market gardeners or amateurs. Our seed is FIRST CLASS in every respect . . . . .	.05	.30	2.00
Danvers Yellow Globe. . . . .	.05	.25	1.50

**ITALIAN VARIETIES.**

Adriatic Barletta. A very early, small, pure white variety, having a very delicate silver skin, flesh firm, and mild in flavor. Its great merit over all others is its extreme earliness . . . . .	.10	.30	3.00
White Queen. A rapid growing silver-skinned variety, of mild flavor, early, remarkable for its-keeping qualities, and excellent for pickling . . . . .	.05	.30	3.00
Giant Rocca. A very large variety from Naples, bright brown skin, and delicate flavor; globular in shape . . . . .	.05	.30	3.00

## ONION SETS.

Onion Sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 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.

Potato Onion Sets . . . . .	} Market Prices.
White Sets . . . . .	
Yellow Sets . . . . .	
Shallots . . . . .	
Garlic . . . . .	

## PARSLEY.

Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, 3 or 4 weeks elapsing sometimes before it makes its appearance, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows, 1 foot apart, and  $\frac{1}{2}$  an inch deep. For winter use protect in a frame or light cellar, or a few plants may be placed in pots or boxes and kept in the house for convenient use during the winter. *One ounce will plant about 150 feet of drill.*

		Pkt.	Oz.	Lb.
Extra Curled. Dwarf, good for table or edgings. . . . .		.05	.10	1.00
Fern-Leaved. Very ornamental mossy-curled sort for table decoration . . . . .		.05	.10	1.25
Moss-Curled. English variety; excellent . . . . .		.05	.10	1.25
Plain Leaved. Strong flavor . . . . .		.05	.10	.80
Hamburg, or Rooted. A rooted variety, of which the roots are the portion used; good in flavoring soups and stews . . . . .		.05	.10	1.25

## PARSNIP.

Sow in April, or early in May, as parsnips require a long season to mature. Their cultivation is otherwise the same as directed for carrots. They may be dug in the autumn and stored for winter use; but if left in the ground till the following spring, they are very much improved in flavor. Sow a liberal quantity of seed, as from its nature it does not always come up well. *One ounce will plant about 100 feet of drill.*

		Pkt.	Oz.	Lb.
Hollow Crown. One of the best grown for table or stock . . . . .		.05	.10	.60
Long Smooth White. Straight, smooth and handsome . . . . .		.05	.10	.60
Student. An improved English sort; suitable for shallower soils . . . . .		.05	.10	.60

## PEAS.

**Culture.**—A light soil, moderately rich, should be selected for the early varieties, and old decomposed manure, or leaf-mould, should be scattered along the bottom of the drill and covered lightly with fine earth, so that the seed may not come in direct contact with the fertilizer. For general crops a good dressing should be applied, and for the dwarf kinds the soil should be very rich. The earliest peas are mostly round, smooth seeded. These are very hardy, and should be sown as early as possible in spring; later sowings should follow of the fine, sweet, wrinkled varieties. Sow Peas in drills and cover not less than 4 inches. For the lowest sorts the drills should be 2 feet apart; those growing taller should be 3 or 4 feet apart, according to height. When grown for private use, Peas should be staked with brush, except the very dwarf-growing varieties. *One quart will plant 75 feet of drill; one and one-half bushels to an acre in drills.*

### EARLIEST.

		Pkt.	Qt.	Pk.
Henderson's First of All. The best extra early Pea ever offered. This variety is unequalled for excellence, yield, size of pod and regularity of growth. Height, 2 $\frac{1}{2}$ feet . . . . .		.10	.25	\$1.50
Chelsea. It grows about 15 inches in height and is of compact, short-jointed habit, thus requiring no brushing or staking. The pods are remarkably handsome, being gracefully curved and much longer than any other early dwarf kind. They are well filled, each containing 8 to 10 good-sized peas of exquisite quality, which, when cooked, are rich, sugary and of marrow-like flavor. The peas are white wrinkled in the dry state . . . . .		.10	.40	2.75

<b>The Admiral.</b> Heaviest cropping early Pea extant. This wrinkled variety grows to a height of from 3½ to 4 feet. The pods are about the size of our First of All, are borne in great profusion from top to bottom of the vine and are well packed with large peas of very sweet flavor. This is a very desirable and distinct variety, and should find a place in every garden, whether for market or private use. It is also a variety that is eminently suited for canning	.10	.40	2.50
<b>Maud S.</b> Very early, productive, round, white Pea. 2½ feet	.10	.25	1.25
<b>Daniel O'Rourke.</b> A favorite extra early variety. Height 2½ feet	.10	.25	1.25
<b>Bliss's American Wonder.</b> A remarkably fine, dwarf wrinkled variety; extra early; requires no bushing; very sweet flavor. Height about 1 foot	.10	.30	2.00
<b>McLean's Little Gem.</b> A green, wrinkled dwarf pea, of a delicious, rich, sugary flavor; very early. Height 1 foot	.10	.25	1.50
<b>Premium Gem.</b> Somewhat more robust in habit than the Little Gem; very sweet. 1 foot	.10	.25	1.50
<b>Alpha.</b> A wrinkled, marrow Pea of richest flavor; pods very numerous, large and well filled. Height about 2 feet	.10	.30	1.75
<b>Alaska.</b> The earliest of early Peas. Most prolific, sweetest, and best color when cooked; a blue, round-seeded variety, growing about 2½ feet high	.10	.25	1.50
<b>Rural New Yorker.</b> Extra early; profusely covered with full, good-sized pods. Height 2½ feet	.10	.25	1.25
<b>Kentish Invicta.</b> Unsurpassed for market or family use; very early and very productive of large, full pods; ripens uniformly; seeds blue. 2½ feet	.10	.25	1.75
<b>Carter's First Crop.</b> 2½ feet	.10	.25	1.25
<b>Philadelphia Extra Early.</b> 2½ feet	.10	.25	1.25
<b>First and Best.</b> 2½ feet	.10	.25	1.25
<b>Blue Peter.</b> 1 foot	.10	.25	1.25

SECOND CROP.

<b>Heroine.</b> A medium, early green, wrinkled pea, growing uniformly 2 to 2½ feet high, coming in between Advancer and Champion of England, and bearing a profusion of large, long, slightly curved, pointed pods, containing 9 or 10 large peas of finest quality. It is also a heavy cropper	.10	.40	2.75
<b>McLean's Advancer.</b> Our stock of this invaluable Pea is of unsurpassed excellence; its fine characteristics being retained by careful selection. A dwarf, green, wrinkled marrow Pea, with numerous, long, well-filled pods; quality unsurpassed. Height, about 2½ feet	.10	.25	1.50
<b>Horsford's Market Garden.</b> Early, of exceptionally fine flavor and remarkably productive. Height 2 feet	.10	.25	1.50
<b>Bliss's Everbearing.</b> Fine wrinkled marrow; pods 3 to 4 inches long, well filled with large peas; quality unsurpassed in sweetness and flavor. Vine 2 feet	.10	.25	1.50
<b>Bliss's Abundance.</b> Of dwarf bushy habit; pods large, full and numerous; should be sown thinly. Height 18 inches	.10	.25	1.50
<b>Fillbasket.</b> 3 feet	.10	.25	1.50
<b>Prince of Wales.</b> 3 feet	.10	.25	1.50
<b>Dwarf Champion.</b> 2 feet	.10	.25	1.50

LATE CROP.

<b>American Champion.</b> Is one of the largest of all Peas, enormously productive, and its flavor and quality closely approach that of the well-known Champion of England. The pods are produced in pairs and are well filled. Each pod contains from 9 to 12 large, fine peas. It is a tall growing sort, of branching habit; it should be sown thinly. Height 4½ feet	.10	.35	2.50
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	Pkt.	Oz.	Lb.
<b>Champion of England.</b> One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer. Height 5 feet	.10	.25	1.25
<b>Stratagem.</b> A green, wrinkled marrow, producing numerous pods of large size peas of excellent quality. A superior variety that cannot be too highly recommended; 2 feet	.10	.35	2.00
<b>Yorkshire Hero.</b> A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper, and excellent quality; 2½ feet	.10	.25	1.5
<b>Telephone.</b> Immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large, delicious peas; 4 feet	.10	.25	1.50
<b>Pride of the Market.</b> A medium early dwarf pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality. This variety will doubtless come rapidly into favor; 1½ feet	.10	.35	2.00
<b>Black-Eyed Marrowfat</b>	.10	.20	1.00
<b>White Marrowfat</b>	.10	.20	1.00

## POTATOES.

The Potato, like all robust growing vegetables, can be grown with varying success on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime superphosphate of lime and bone dust. For wet soils these are particularly beneficial, as they not only promote growth but prevent diseases. Plant as early in spring as the ground can be had in fair working order, in hills or ridges about 3 feet apart, covering in light, warm soils about 4 inches deep, but in cold, wet stretches 2½ or 3 inches will be sufficient.

### EARLY VARIETY.

	Pk.	Bu.	Bbl.
<b>Queen.</b>	.60	\$1.75	\$4.00
<b>Clark's No. 1.</b> An early sort resembling Early Rose, but considered more prolific. It cooks mealy, is of excellent flavor, of first quality, and is a profitable variety for the farmer or market gardener	.60	1.75	4.00
<b>Beauty of Hebron.</b> A little earlier than Early Rose, very productive, of excellent quality; a good keeper	.60	1.75	4.00
<b>Rose.</b>	.60	1.75	4.00

### INTERMEDIATE.

<b>Rural New Yorker, No. 2.</b> A valuable variety, of distinct appearance; large size, very smooth and a great cropper; in quality unexcelled	.60	1.75	4.00
<b>Rural Blush.</b> An excellent variety, having a beautiful blush skin. It is of first-rate quality and cooks through dry and evenly. A very heavy yielder	.60	1.75	4.00

### LATE CROP.

<b>State of Maine.</b> Medium early, excellent flavor, cooks dry, is a good keeper and very productive	.60	1.75	4.00
<b>Elephant.</b> Very productive and excellent flavor. Pure white; excellent keeper	.60	1.75	4.00

*Prices made in January subject to market fluctuations.*

## PUMPKINS.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every 4th hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. *One ounce is sufficient to plant 20 hills.*

	Pkt.	Oz.	Lb.
<b>Sugar, or Sweet.</b> Excellent for baking, and for pies . . . . .	.05	.10	.50
<b>Cheese.</b> Very productive; grown for both stock and cooking . . . . .	.05	.10	.50
<b>Connecticut Field.</b> The common large yellow Pumpkin; excellent for stock; very heavy cropper . . . . .	.05	.10	.30
<b>Mammoth.</b> The largest sort; our seed saved from specimens weighing over 100 pounds . . . . .	.10	.15	2.00

## PEPPER.

Grown largely for pickles. Sow in hot-bed early in March or April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil late in May or early in June, when the weather has become settled, as the plants are quite tender; plant 2 feet apart and 15 inches apart in rows. *One ounce will produce about 2,000 plants.*

	Pkt.	Oz.
<b>Bell, or Bull Nose.</b> Very large, mild flavor, thick skin . . . . .	.05	.30
<b>Celestial.</b> One of the most prolific of the Peppers. The pods are borne upright; are conical in shape, and vary in color from creamy white when unripe to brilliant scarlet when ready for picking. Whether for culinary or decorative purposes, it will be found very useful . . . . .	.05	.30
<b>Golden Dawn.</b> A magnificent yellow Pepper of the Bell class; mild and sweet . . . . .	.05	.30
<b>Long Red Cayenne.</b> From 3 to 4 inches long, of bright red color, very productive and pungent . . . . .	.05	.30
<b>Small Chili.</b> Red conical pods about 2 inches long, very hot and prolific; used for seasoning and sauces . . . . .	.05	.40
<b>Ruby King.</b> Bright crimson scarlet, large, bell shaped pods. A good variety for Mangoes or pickling, as it is not too fiery. A productive sort . . . . .	.10	.40
<b>Squash.</b> Best pickling Pepper; tomato-shaped; medium sized; very productive . . . . .	.05	.30
<b>Sweet Mountain.</b> Resembling the Bell, but larger . . . . .	.05	.30

## RADISH.

These require a light loamy soil, moderately fertile; it should be dug a full spade deep, and well pulverized. Manures should not be applied at the time of sowing. The situation should be warm and sheltered. For an early supply, sow in January or February in hot-beds, plenty of ventilation being necessary. In May they may be sown out of doors. Successive sowings should be made every two weeks. *One ounce will plant about 100 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Rapid Forcing.</b> This grand variety resembles the White Tipped Scarlet Turnip Radish, but is much earlier, coming to maturity in 22 days from the time of sowing, and having very small tops, and will prove to be <i>the</i> Radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden . . . . .	.05	.15	\$1.25
<b>Ne Plus Ultra Turnip.</b> The quickest maturing Radish ever introduced and quite invaluable for first crops. It is of a deep scarlet color, very handsome; finest of the scarlet turnip class. Will mature in about 22 days . . . . .	.05	.10	1.00
<b>French Breakfast.</b> Form oval; scarlet tipped with white; quick growing and excellent flavor. Fine for forcing . . . . .	.05	.10	.75
<b>Scarlet Turnip, White Tipped.</b> Round; of most attractive appearance; quality unsurpassed; very early . . . . .	.05	.10	.75
<b>Early Scarlet Turnip.</b> Round; scarlet; small short top; mild and crisp. One of the best for successive sowing in open ground . . . . .	.05	.10	.75
<b>White Turnip.</b> Suitable for summer use, or for forcing . . . . .	.05	.10	.75

## RADISH.—Continued.

	Pkt.	Oz.	Lb.
Scarlet Olive-Shaped. Much used for forcing; suitable for sowing in open ground . . . . .	.05	.10	.75
Beckert's Chartier. New, distinct, long Radish; crimson at the top, shading downward to pink; crisp and tender; large size . . . . .	.05	.10	.75
Arlington Long Scarlet. This is the variety so extensively grown in the vicinity of Boston for market; similar to the Early Long Scarlet, but longer and more regular in form . . . . .	.05	.10	1.00
Early Long Scarlet. Fine, straight, clear-colored variety; crisp, tender, and of unsurpassed flavor; 6 or 7 inches long, with very small top; used either for forcing or open culture . . . . .	.05	.10	.75
Large White Summer. Large, turnip-shaped, white; very crisp . . . . .	.05	.10	.75
Scarlet China. One of the best fall and winter varieties; a favorite with market gardeners; bright rose-color; flesh white, firm and of superior quality . . . . .	.05	.10	.75
Long Black Spanish. One of the hardiest and best for winter use . . . . .	.05	.10	.75
California Mammoth White Winter. A white fleshed Radish of excellent quality . . . . .	.05	.10	1.25
The "Sandwich." This variety is of pure snow-white color, similar to the White Strasburg in shape, but rather more stump-rooted. We can recommend it to market gardeners as well as to private planters . . . . .	.10	.25	2.50

## RAPE.

Grown entirely for early spring greens. Sow in rows 15 inches apart as early in spring as the ground can be worked. The soil should be very rich. Six pounds will sow an acre.

	Pkt.	Oz.	Lb.
Large Seeded Garden. The only suitable variety for cultivation . . . . .	.05	10	.25

## RHUBARB.

Sow in April, in drills 1 foot apart; when 3 or 4 inches high, thin out in the rows to 10 inches apart, and transplant the ensuing autumn or spring to any desired situation, in a deep, rich soil. The ground must be dug and heavily manured, at least 2 feet deep. Set out the roots 3 feet apart each way, and the following spring it will be fit for use. In the fall the bed should have a thick dressing of coarse manure, which is to be dug into the ground in the spring. We recommend those who desire a choice article to procure the roots, which can be set out either in the fall or spring as above described.

	Pkt.	Oz.	Lb.
Linnæus. Early, large and tender . . . . .	.05	.25	\$2.00
Victoria. Very large; the finest for cooking . . . . .	.05	.25	2.00

## SALSIFY.

Commonly called Vegetable Oyster. Used stewed, boiled or fried. When cooked has an oyster flavor. Sow early in drills 15 inches apart; cover the seeds with fine soil.  $1\frac{1}{2}$  inches deep. *One ounce will plant about 50 feet of drill.*

	Pkt.	Oz.	Lb.
Long White. The favorite market variety and the best flavor . . . . .	.05	.15	\$1.50
Mammoth Sandwich Island. This variety will average nearly double the size of the White French, and is of excellent quality. This is the best variety for market gardeners' use . . . . .	.05	.15	1.50

## SPINACH.

This is an important market gardener's crop, of easy culture. For spring and summer use, sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every 2 weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting 3 or 4 seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer. *One ounce will plant 50 feet of drill.*

## SPINACH.—Continued.

	Pkt.	Oz.	Lb.
<b>Savoy-Leaved.</b> Thick, succulent leaves, wrinkled like a Savoy Cabbage; very productive and hardy . . . . .	.05	.10	.30
<b>Round Thick Leaf.</b> One of the very best for early spring or fall sowing; leaves large, thick and succulent . . . . .	.05	.10	.30
<b>New Zealand.</b> Distinct; spreading plant, producing an abundant supply of excellent greens all summer . . . . .	.05	.15	1.00
<b>Prickley Seeded.</b> Very hardy; leaves arrow-shaped . . . . .	.05	.10	.30
<b>Thick Leaved.</b> One of the best market sorts. It produces a large, thick, strong green leaf, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed . . . . .	.05	.10	.35
<b>Long Standing.</b> Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf . . . . .	.05	.10	.35

## SQUASH.

All the varieties are somewhat tender, and should not be planted till all danger from frost is past in spring. They delight in a warm, very rich soil, thoroughly pulverized. Plant in hills, incorporating with the soil in each a shovelful or two of rotted manure. The hills for bush varieties should be about 6 feet apart; for running sorts, 10 feet. Leave 2 plants to a hill, and keep covered in the early stages with plaster. *Bush varieties 1 ounce to 50 hills; running varieties, 1 ounce to 15 hills; 4 pounds per acre.*

	Pkt.	Oz.	Lb.
<b>Early Summer Crookneck.</b> Golden yellow, long, warted variety; excellent flavor . . . . .	.05	.10	.75
<b>White Bush Scalloped.</b> This and the Yellow Bush are esteemed the earliest, and are grown almost exclusively for first crop. From the hard texture of the rind it is well suited for shipping, and they are grown exclusively at the South for that purpose . . . . .	.05	.10	.75
<b>Yellow Bush Scalloped.</b> Differs from the above only in color . . . . .	.05	.10	.75
<b>Boston Marrow.</b> About 10 days later than the Bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained . . . . .	.05	.10	.80
<b>Essex Hybrid.</b> A valuable fall and winter Squash. Very prolific, fine grained, orange-red flesh, very sweet and dry, and fills all the requirements of a first-class squash . . . . .	.05	.10	1.00
<b>Fordhook.</b> A new winter squash of great merit. Of a handsome, bright yellow color outside, and straw yellow within. The flesh is dry and sweet . . . . .	.05	.10	1.00
<b>Hubbard.</b> A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry, and of excellent flavor . . . . .	.05	.10	.80
<b>Bay State.</b> Splendid fall and winter squash. Its points of excellence are solidity, heavy weight, fineness of grain, dryness and sweetness. Similar in shape to the Essex Hybrid . . . . .	.05	.10	.75
<b>Marblehead.</b> Color light blue; large, splendid keeper; for sweetness, dryness and fine flavor, quite unsurpassed; has all the qualities of the Hubbard . . . . .	.05	.10	1.00
<b>Perfect Gem.</b> Excellent for summer, and equally good as a winter variety; very productive . . . . .	.05	.10	.75
<b>Pike's Peak or Sibley.</b> Superior in flavor and quality to the Hubbard. Shell pale green, very hard; flesh orange, solid, very thick and dry. Very productive, and keeps well. Weight about 10 pounds . . . . .	.05	.10	1.00
<b>Vegetable Marrow.</b> A delicious English sort; skin greenish white, flesh white, soft, and of a rich flavor; a heavy cropper; quite distinct from the other sorts . . . . .	.05	.15	1.25
<b>Winter Crookneck.</b> One of the best sorts for winter use, as it is an excellent keeping variety. Largely grown in New England and Canada. Flesh bright yellow; of fine flavor . . . . .	.05	.10	.8

## TOMATO.

For early plants sow in hot-beds early in March, in drills 5 inches apart and  $\frac{1}{2}$  inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower pot, by placing it in a sunny window of a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the Tomato vines on trellises or tying to stakes, they will increase in productiveness, the fruit will ripen better and be of finer quality. *One ounce will produce about 2,000 plants.*

	Pkt.	Oz.
<b>Acme.</b> One of the best for family use; ripens evenly, of medium uniform size, round, very solid; color crimson with a pinkish tinge; very productive	.05	.25
<b>Atlantic Prize.</b> Very early; bright red; solid, smooth and very productive	.05	.30
<b>Dwarf Champion.</b> The foliage is dark and stems strong, so that the plants stand up well even when loaded with fruit, which is very smooth and solid. Color similar to Acme	.05	.35
<b>Golden Queen.</b> Color light yellow; good for table or preserves	.05	.30
<b>Livingston's Beauty.</b> Rich glossy crimson with a slight purple tinge; the fruit grows in clusters of 4 to 5; is of large size, very smooth, and retains its character till late in the season	.05	.25
<b>Livingston's Favorite.</b> One of the largest and most perfect shaped varieties, ripens evenly and early; very prolific, good flavor, few seeds, flesh solid, color bright red; bears shipping	.05	.25
<b>Livingston's Perfection.</b> Larger than Acme, fully as early, perfectly smooth, solid, almost round, deep red in color, with few seeds, and ripening all through at the same time	.05	.25
<b>Long Keeper.</b> Bright red, very productive and keeps well	.05	.35
<b>Lorillard.</b> A splendid sort for forcing under glass as well as for outdoor culture; bright, glossy red, smooth; of fine flavor, and very early	.05	.30
<b>The Mikado.</b> Notwithstanding that it produces very large fruit, it is at the same time one of the very earliest to ripen. The Tomatoes are produced in immense clusters, are perfectly solid, generally smooth, but sometimes irregular. The color is purplish red. Foliage distinct from any other variety	.05	.30
<b>The Stone.</b> A fine new variety. The fruit very large, bright scarlet, very smooth, occasionally slightly octagon shaped, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed, and above all not subject to rot	.05	.30
<b>Ponderosa.</b> Very large, solid and of good flavor. Single specimens weighing nearly four pounds have been grown	.10	.75
<b>Volunteer.</b> An early Tomato of attractive color and uniformly good size. Of perfect form, a continuous bearer; ripens well to the stem, and is entirely free from hard core	.05	.30
<b>Peach.</b> Entirely different from any other Tomato, and resembles a peach in size, form and color. Of delicate flavor and very attractive in appearance. The fruit is 2 inches in diameter and borne in large quantities. An excellent preserving sort	.05	.30

I also have the following standard varieties, which are too well known to need description, at the uniform price of 5 cents a pkt.; 30 cents an oz.

**Ignotum.** Currant or Grape.

**Trophy.** Plum.

**Tree.** Red and Yellow Cherry.

**Pear Shape.** Strawberry or Ground Cherry.

**TURNIP.**

Turnips do best in highly enriched, light, sandy or gravelly soils: commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession sow at intervals of a fortnight until the last week in July, from which time until the end of August sowings may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frost sets in, for though comparatively hardy, few of the varieties will survive the winters of the Northern States in the open ground. *One ounce will plant about 150 feet of drill.*

	Pkt.	Oz.	Lb.
<b>Milan Extra Early.</b> Best early sort in cultivation; ten days earlier than any other; white, with purple top; small compact strap leaves; flesh white, sweet, tender, and fine grained . . . . .	.05	.10	.80
<b>Early Snowball.</b> A medium-sized, round, pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing . . . . .	.05	.10	.75
<b>Golden Ball or Orange Jelly.</b> This is the most distinct yellow turnip I know. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of medium-size, with small tap roots, and is early in maturing . . . . .	.05	.10	.75
<b>Early White Flat Dutch.</b> An early, white-fleshed variety, of quick growth, mild flavor, and excellent quality . . . . .	.05	.10	.50
<b>Purple Top Munich.</b> Early, flat, smooth, medium-sized variety of handsome appearance; flesh white . . . . .	.05	.10	.60
<b>Purple Top Strap Leaf.</b> This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper . . . . .	.05	.10	.50
<b>Purple Top White Globe.</b> Excellent for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper . . . . .	.05	.10	.60
<b>White Egg.</b> Perfectly smooth, medium large, almost egg shape; fine quality; excellent fall variety . . . . .	.05	.10	.50
<b>White Top Strap Leaf.</b> Standard white variety of fine quality . . . . .	.05	.10	.50
<b>Cow Horn, or Long White.</b> Fine-grained, sweet, keeps well, excellent for cooking . . . . .	.05	.10	.60
<b>Yellow Aberdeen.</b> Yellow fleshed, excellent sort, flavor and keeping qualities nearly equal to the Ruta-Bagas . . . . .	.05	.10	.50
<b>Yellow Stone, or Globe.</b> Large, handsome, good-keeping variety; one of the best; excellent for table or stock . . . . .	.05	.10	.60

**RUTA BAGA, OR SWEDISH TURNIP.**

	Pkt.	Oz.	Lb.
<b>Budlong Swede.</b> A choice strain of the white ruta-baga, fine-grained, medium-size, quick growing, tender and sweet, fine table variety for winter and spring use . . . . .	.05	.10	.75
<b>White French.</b> Solid, mild, sweet, of large size; excellent for table or stock; later than the Budlong . . . . .	.05	.10	.50
<b>Improved American.</b> Yellow flesh; globe shape; medium size; excellent flavor; for table use unsurpassed . . . . .	.05	.10	.60
<b>Skirving's Purple-Top.</b> A first-rate variety; grows large and a good keeper . . . . .	.05	.10	.50

## SWEET, POT AND MEDICINAL HERBS.

Herbs, in general, delight in a rich, mellow soil. Those marked with an \* are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills 1 foot apart; when up a few inches, thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. They should be cut on a dry day just before they come into full blossom; tied in bunches and hung up or spread thinly on a floor where they can dry quickly; when dry pack in boxes or tins so as to exclude the air.

	Pkt.	Oz.
Anise ( <i>Pimpinella anisum</i> ). Used for garnishing and flavoring . . . . .	.05	.15
*Balm ( <i>Melissa officinalis</i> ). Used for tea or balm wine; height, 1 foot . . . . .	.05	.50
Basil, Sweet ( <i>Ocimum basilicum</i> ). Used for soups, stews and sauces: 1 foot . . . . .	.05	.40
Bene ( <i>Sesamum orientale</i> ). Used medicinally; 18 inches . . . . .	.05	.20
Borage ( <i>Borago officinalis</i> ). Excellent for bees, etc.; 3 feet . . . . .	.05	.20
*Caraway ( <i>Carum carui</i> ). For confectionery and medicine, also flavoring: 2 feet . . . . .	.05	.10
Catnip ( <i>Nepeta cataria</i> ). Medicinal; 3 feet . . . . .	.05	.50
Coriander ( <i>Coriandrum sativum</i> ). Grown for its seed, also for garnishing; 2 feet . . . . .	.05	.10
Dill ( <i>Anethum graveolens</i> ). The leaves are used in soups, sauces and pickles; also the seed for flavoring; 3 feet . . . . .	.05	.15
*Fennel, Sweet ( <i>Anethum fœniculum</i> ). The leaves are ornamental; when boiled they are used in fish sauces; 6 feet . . . . .	.05	.15
*Horehound ( <i>Marrubium vulgare</i> ). Used medicinally; 2 feet . . . . .	.05	.40
Hyssop ( <i>Hyssopus</i> ). Medicinal . . . . .	.05	.30
Lavender ( <i>Lavendula vera</i> ). An aromatic medicinal herb; 2 feet . . . . .	.05	.25
Lovage . . . . .	.05	.30
Marjoram, Sweet, Imported. Imported seed is best to cut when green for summer use, as it grows vigorously, and produces numerous leaves; 1 foot . . . . .	.05	.25
Pennyroyal. . . . .	.10	\$1.00
*Rosemary. . . . .	.05	.50
*Rue. ( <i>Ruta graveolens</i> ). For medicinal purposes; good for fowls for the croup; 3 feet . . . . .	.05	.25
*Sage ( <i>Salvia officinalis</i> ). The tender leaves and tops are used in sausage, stuffing and sauces; 18 inches . . . . .	.05	.25
Savory, Summer ( <i>Satureia hortensis</i> ). For seasoning purposes; 1 foot . . . . .	.05	.25
*Savory, Winter ( <i>Satureia montana</i> ). For same use as the above . . . . .	.05	.40
Sorrel, Broad-Leaved French. Much used as a salad . . . . .	.05	.15
*Tansy ( <i>Tanacetum vulgare</i> ). For medicinal use; 3 feet . . . . .	.10	.50
*Thyme, French Summer ( <i>Thymus vulgaris</i> ). Used for seasoning; 1 foot . . . . .	.05	.30
*Thyme, Broad-Leaved English. For seasoning . . . . .	.05	.40
*Wormwood ( <i>Artemisia absinthium</i> ). Used medicinally, beneficial for poultry, and should be planted in poultry yards . . . . .	.05	.30

## TREE, SHRUB AND FRUIT SEEDS.

These should be sown very early, and protected from strong sunshine. They should be started in a moist, sheltered location.

Packets, 10 Cents Each.

	Lb.	Oz.		Lb.	Oz.
Apple	\$.50	.10	Locust, Yellow. Hedge		
Arbor Vitæ, American.			shrub	\$1.00	.15
Hedge shrub	3.00	.30	Peach. Per bush, \$2.50; qt.	25 cts.	
Barberry. Hedge shrub	1.50	.15	Pear . . . . .	2.50	.20
Buckthorn. Hedge shrub	1.50	.20	Quince . . . . .	2.00	.25
Currant . . . . .	—	.40	Spruce, Norway . . . . .	1.50	.20
			Strawberry . . . . .	—	.75

## LAWN GRASS SEED.

For permanence, for beauty under all circumstances, and for value, we are confident Bellevue Avenue Lawn Mixture will meet all requirements. Many of the European grasses have been neglected because of their high price, but their value for lawn purposes in this country has been demonstrated so clearly that their use will be rapidly extended. By a judicious use of some of the Fescues and other foreign grasses with the standard lawn grasses of America we are enabled to offer to our customers a mixture which for all good staying qualities is unsurpassed. Modern lawns demand grasses that are able to stand the wear and tear consequent to their use of Lawn Tennis, Croquet, etc.

Many of our native grasses grow luxuriantly during early spring and late fall, but are valueless during the dry midsummer months; special attention has been given in this mixture to incorporate only such varieties as are able to withstand prolonged drought and present at all times a green and healthy sward.

Bellevue Avenue Lawn Mixture. Per bu. of 16 lbs., \$4.00; peck, \$1.00; quart, 25c.  
By mail—Peck, \$1.25; quart, 30c.

## GRASS AND CLOVER SEED.

*Prices Variable. Governed by Market Fluctuations.*

All our Grass and Clover Seeds are of the Finest Quality; selected, cleaned and tested.

**Timothy, or Herds Grass** (*Phleum Pratense*). A well known nutritious grass which, on most soils, will produce a better crop than any other variety. We offer a particularly choice sample of seed. Sow  $\frac{1}{2}$  bushel per acre, if alone. Weight per bushel, 45 pounds. Per bushel, \$2.50; per pound, 10c.

**Red Top** (*Agrostis Vulgaris*). A valuable native permanent grass, growing in almost any soil, moist or dry, and standing our hot climate. We receive this seed direct from the Western growers, of finest quality. Sow 3 bushels per acre, if alone; it is generally sown mixed with Timothy, 1 to  $1\frac{1}{2}$  bushels Red Top and  $\frac{1}{4}$  bushel Timothy. Weight per bushel, 10 pounds. Per bushel, 80c.; per pound, 10c.

**Red Top, Clean Seed.** Chaff and weed seeds sifted out; extra fine quality. Per pound, 15c.

**Rhode Island Bent** (*Agrostis Canina*). A fine, hardy, very compact grass; very permanent, readily forming a heavy sward; excellent for pasture. Sow 4 bushels per acre, if alone. Weight per bushel, 10 pounds. Per pound, 30c.

**Kentucky Blue** (*Poa Pratensis*). Known as June Grass. An early grass of great value; makes a close, velvety turf, and is excellent for pastures; generally sown mixed with other grasses. Sow about 3 bushels per acre, if used alone. Weight per bushel, 14 pounds. Finest quality seed, per bushel, \$2.25; per pound, 20c.

**Orchard** (*Dactylis Glomerata*). One of the earliest grasses; yields immense crops, and is excellent for pasture or hay; should be cut as it is coming into bloom and it will produce a heavy second crop. One of the best grasses. Sow 3 bushels per acre. Weight per bushel, 14 pounds. Per bushel, \$2.25; per pound, 20c.

**Pacey's Perennial Rye-Grass** (*Lolium Perenne*). An early, hardy, and very nutritious grass for meadows; pastures or hay crop. Generally used with other grasses. If used alone, sow 2 bushels per acre. Weight per bushel, 24 pounds. Finest seed—direct importation. Per bushel, \$2.50; per pound, 15c.

**Italian Rye-Grass** (*Lolium Italicum*). Thriving in any soil, yielding a very early and abundant crop; excellent for pastures mixed with other grasses. Sow 3 bushels per acre. Weight per bushel, 18 pounds. Per bushel, \$2.50; per pound, 20c.

**Hard Fescue** (*Festuca Duriuscula*). This splendid grass is found in all the best lawns and permanent pastures; invaluable for dry soils; of low, dense-growing habit. Sow 3 bushels per acre. Weight per bushel, 14 pounds. Per pound, 30c.

**Sheep's Fescue** (*Festuca Ovina*). Of dense growth; excellent for dry situations and sheep pastures. Sow  $2\frac{1}{2}$  bushels per acre. Weight per bushel, 12 pounds. Per pound, 25c.

**Tall Fescue** (*Festuca Elatior*). Excellent for permanent pastures on moist soils, on which it yields immensely. Cattle and stock eat it greedily.  $2\frac{1}{2}$  bushels of seed for 1 acre. Weight per bushel, 15 pounds. Per pound, 40c.

**Meadow Fescue** (*Festuca Pratensis*). Of great value in mixtures for permanent pastures; of excellent, nutritious properties, and is much relished by live stock. Sow  $2\frac{1}{2}$  bushels per acre. Weight per bushel, 15 pounds. Per pound, 25c.

## GRASS AND CLOVER SEED.—Continued.

- Crested Dog's-Tail** (*Cynosurus Cristatus*). A perennial grass much valued for its dwarf habit and hardness. One of the finest grasses for lawns. Sow 2 to 3 bushels per acre. Weight per bushel, 28 pounds. Per pound, 40c.
- Tall Oat Grass** (*Avena Elatior*). Succeeds well in pastures with other grasses; makes splendid hay. Sow 4 bushels per acre. Weight per bushel, 13 pounds. Per pound, 30c.
- Sweet Vernal** (*Anthoxanthum Odoratum*). Useful to mix with other grasses for lawns, in which it is invaluable on account of its early growth and fragrant odor which it imparts to the other grasses when drying; very hardy and permanent. Weight per bushel, 11 pounds. Per pound, 30c.
- Meadow Fox-Tail** (*Alopecurus Pratensis*). Very valuable in mixtures for permanent pastures exposed to heat and drought; early and rapid in growth; not a valuable hay grass. Weight per bushel, 8 pounds. Per pound, 40c.
- Rough-Stalked Meadow** (*Poa Trivialis*). An excellent permanent grass to mix with other varieties for moist pastures. Produces a constant supply of nutritious herbage. Suitable for growing in shade. Sow 1½ bushels per acre. Weight per bushel, 14 pounds. Finest quality, per pound, 40c.
- Wood Meadow** (*Poa Nemoralis*). Well adapted for growing under trees and in shaded situations. Dwarf and fine growing. Sow about 2 bushels per acre. Weight per bushel, 14 pounds. Per pound, 40c.

## CLOVERS.

All carefully cleaned and selected samples. Prices variable. Subject to market changes.

	Per lb.
<b>Red Clover</b> ( <i>Trifolium Pratense</i> ). Finest quality . . . . .	.17
<b>Mammoth Red Clover</b> . Strong growing; heavy cropper . . . . .	.18
<b>Alsike, or Swedish</b> ( <i>Trifolium Hybridum</i> ). Luxuriant and sweet . . . . .	.25
<b>White Clover</b> ( <i>Trifolium Repens</i> ). Excellent for lawns, as it remains green . . . . .	.40
<b>Lucerne, or Alfalfa</b> ( <i>Medicago Sativa</i> ). Bears heavy crops of forage; will stand cutting 3 or 4 times in a season . . . . .	.35

## MILLETS; HUNGARIAN GRASS.

Prices variable. Subject to market fluctuations.

- Hungarian Grass** (*Panicum Germanicum*). One of our most valuable forage plants, and yields immensely, even when the weather is so dry that other crops dry up. One of the best annual grasses for green fodder or hay. Sow from the middle of June till the last of July. One bushel seeds an acre. Weight per bushel, 48 pounds. Per bushel, \$1.75. Per pound, 5c.
- Millet, Common** (*Panicum Miliacum*). An excellent forage plant; very early; 2 to 3 feet high; heads open; branching panicles. Sow 1½ bushels per acre. Weight per bushel, 50 pounds. Per bushel, \$1.75. Per pound, 5c.
- Millet, German** (*Golden Millet*). Of stronger and taller growth than the other Millets, and does not mature so early. Sow 1 to 1½ bushels per acre. Weight per bushel, 50 pounds. Per bushel, \$1.85. Per pound, 5c.

## GRAINS, FIELD PEAS, VETCHES, ETC.

Prices variable. Subject to market fluctuations. Price given on application.

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|--|--|
| <b>Buckwheat, Common.</b>  | <b>Peas, White Canada.</b> Largely grown for stock; should be sown mixed with Oats.  |
| <b>Barley.</b> Fine sample.  | <b>Tares, or Spring Vetches.</b> Splendid for stock; very heavy; fine crops can be raised; sow with Oats; fine seed. Per pound, 10c. |
| <b>Buckwheat, Japanese.</b> A most superior sort; very productive; flour of remarkable fine quality. | <b>Amber Sugar Cane.</b> Per pound, 30c.   |
| <b>Rye, Spring.</b> For spring sowing.   |  |
| <b>Rye, Winter.</b> For fall sowing.   |  |

## BIRD SEEDS, MOCKING BIRD AND PARROT FOOD.

*Prices variable. Subject to market fluctuations.*

	Per lb.		Per lb.
Sicily Canary . . . . .	.10	Bird Gravel. Per qt., 10 cents.	
German Rape . . . . .	.15	Paddy, or Unhulled Rice . . . . .	.10
English Rape . . . . .	.15	Sunflower Seed . . . . .	.10
Flax . . . . .	.15	Mocking Bird Food. Prepared for	
Hemp. Best quality . . . . .	.10	use: finest quality; a food for all	
Maw . . . . .	.20	soft-billed birds . . . . .	.25
Millet . . . . .	.05	Parrot Food. Mixed, finest . . . . .	.15
Cuttle Fish Bone . . . . .	.35		

### Quantity of Seeds Usually Sown to an Acre.

	Wt. per bu.		Wt. per bu.
Beans, Dwarf, in drills . . . . .	1½ bush.	Mangel Wurzel . . . . .	6 to 8 lbs.
"    Pole, in hills . . . . .	8 to 12 qts.	Melon, Water . . . . .	4 " "
Beet, in drills . . . . .	5 to 6 lbs.	"    Musk . . . . .	2 " "
Barley, broadcast . . . . .	2 to 3 bush. 48	Hungarian, alone . . . . .	½ to 1 bush. 48
Buckwheat, broadcast . . . . .	¾ to 1 bush. 48	Millet, alone . . . . .	½ to 1 " 50
Broom, Corn, in hills . . . . .	6 to 8 qts.	Oats, broadcast . . . . .	2 to 3 " 32
Carrot, in drills . . . . .	2 to 3 lbs.	Onion, in drills . . . . .	4 to 5 lbs.
Cucumber, in hills . . . . .	1 to 2 lbs.	Parsnip, in drills . . . . .	5 to 6 " "
Corn, in hills . . . . .	8 qts.	Peas, Early, in drills . . . . .	1 to 1½ bush.
"    in drills for soiling . . . . .	3 bush.	"    Marrow, in drills . . . . .	1¼ to 1½ " "
Clover, Red, alone . . . . .	15 to 20 lbs. 60	"    Broadcast . . . . .	3 " "
"    White, alone . . . . .	10 to 15 lbs. 60	Potato, cut tubers, in drills . . . . .	8 " 60
"    Alsike, alone . . . . .	8 to 10 lbs. 60	Rye, broadcast . . . . .	1½ " 56
"    Lucerne, alone . . . . .	20 lbs. 60	Radish, in drills . . . . .	8 to 12 lbs.
Dandelion . . . . .	1 lb.	Salsify, in drills . . . . .	6 to 8 " "
Flax, broadcast . . . . .	1 to 2 bush. 56	Spinach, in drills . . . . .	8 to 12 " "
Grass, Herbs, or Timothy, alone . . . . .	½ " 45	Turnip, in drills . . . . .	1 to 1½ " "
"    Red-Top, alone . . . . .	3 " 10	Vetches, broadcast . . . . .	2 to 3 bush.
"    Rhode Island Bent, alone . . . . .	3 " 10	Wheat, broadcast . . . . .	1½ " 60
"    Lawn, alone . . . . .	4 " 16		
"    Orchard, alone . . . . .	2 to 3 " 14	<b>General Grass-Seeding for Mowing-Lands.</b>	
"    Fowl Meadow, alone . . . . .	1 to 2 " 11	Clover, } together . . . . .	8 lbs. Clover.
"    Kentucky Blue, alone . . . . .	2 to 3 " 14	Timothy, } for . . . . .	¼ bu. Timothy.
"    English Rye-Grass, alone . . . . .	2 " 14	Red-Top, } one acre . . . . .	1 bu. Red-Top.

I send all Seeds ordered at Ounce and Packet Prices, by mail, postage paid.

## GLOSSARY.

- American Cow Slip. *Dodecatheor.*  
 Giant American Cowslip. *Dodecatheor*  
*Clevelandi.*  
 African Rose. *Ranunculus Poppy.*  
 Aloysia Citroedora. *Verbena Lemon.*  
 Bachelor's Buttons. *Centaurea.*  
 Burning Bush. *Dictamnus.*  
 Baby's Breath. *Gyps phila.*  
 Bleeding Heart. *Dentra.*  
 Columbine. *Aquilegia.*  
 Cockscomb. *Closia.*  
 Coal Tree. *Erythrina.*  
 Californian Poppy. *Eschscholtzia.*  
 Cardinal Flower. *Lobelia.*  
 Coral Plant. *Nrtera.*  
 Chinese Primrose. *Primula Sinensis.*  
 Castor Oil Plant. *Ricinus.*  
 Canary Bird Flower. *Tropæolum Cana-*  
*riensis*  
 Chierianthus. *Wallflower.*  
 Climbing Lily. *Gloriosa.*  
 Dutchman's Pipe. *Aristolochia.*  
 Dahlia Zimapani. *Bidens.*  
 Dusty Miller. *Cineraria Maritima.*  
 Dwarf Morning Glory. *Convolvulus Minor.*  
 Devil-n-a-bush. *Nigella.*  
 English Marigold. *Calendula.*  
 Edelweiss. *Gaophulium.*  
 Evening Stock. *Muthiola.*  
 Evening Primrose. *Oenothera.*  
 Elephant's Ear. *Caladium.*  
 Fishbone Taisle. *Chamaepence.*  
 Forget-me-not. *Mosotis.*  
 French Honeysuckle. *Hedysarum.*  
 Flowering Flax. *Linum*  
 Foxglove. *Digitalis.*  
 Frost Work. *Milva Biflora.*  
 Globe Amaranthus. *Gomphrena.*  
 Golden Feather. *Pyrethrum Aureum.*  
 Gilliflower. *Stocks.*  
 Hyacinth Bean. *Dolichos.*  
 Horn Poppy. *Glaucium.*  
 Honesty. *Lunaria.*  
 Heartsease. *Pansy.*  
 Hesperis. *Rocket.*  
 Ice Plant. *Mesembryanthemum Crystalli-*  
*num.*  
 Joseph's Coat. *Amaranthus Tricolor.*  
 Japanese Ivy. *Ampelopsis Veitchii.*  
 Japanese Hop. *Humulus.*  
 Jacobea. *Senecio.*  
 Jerusalem Cherry Tree. *Solanum Capri-*  
*casum.*  
 Kentucky Ivy. *Linaria.*  
 Lady Slipper. *Balsam.*  
 Love-Lies Bleeding. *Amaranthus Caudatus.*  
 Lemon Lily. *Hameroallis.*  
 Monk-hood. *Aconitum*  
 Mountain Fringe. *Allumia.*  
 Mourning Bride. *Scabiosa.*  
 Musk Plant. *Mimulus.*  
 Princess Feather. *Amaranthus Cruentus.*  
 Passion Flower. *Passiflora.*  
 Red-hot-poker. *Tritoma.*  
 Snapdragon. *Antirrhinum.*  
 Sea Pink. *Armeria.*  
 Swan River Daisy. *Brachycome.*  
 Sensitive Plant. *Mimosa.*  
 Stone Crop. *Sedum.*  
 Tassel Flower. *Cocalia.*  
 Tagetese. *Marigold.*  
 Tiger Flower. *Tigredia.*  
 Trumpet Vine. *Bignonia.*  
 Venus Looking Glass. *Campanula Specu-*  
*lum.*  
 Virginian Creeper. *Ampelopsis Quinque-*  
*folia.*  
 Wind Flower. *Anemone.*  
 Woodruff. *Asperula.*

# NOVELTIES IN VEGETABLE SEEDS.

## THORBURN EXTRA EARLY MARKET BEAN.

It is an exceedingly vigorous and healthy grower and enormously productive, the pods being borne in thick clusters, and as many as 35 to 40 on each plant. In earliness of ripening it is some days ahead of the *Mohawk*, and fully a week before the *Best of All*. It is rust-proof to a remarkable degree. Out of a lot left in an open vessel for eight days, not one was found to be yellow or rusty. The seeds being black, it is likely to remain true to its character longer than light or different colored beans. The pods are of a light green color, long and perfectly round, solid-fleshed, and of very soft marrow and texture. For earliness, productiveness, solidity of flesh and roundness of pod, it excels any now in cultivation. Pkt. 10c.

## JACKSON WONDER LIMA BEAN.

This bean is dwarf or bunch, requiring no pole. It grows from 18 to 30 inches high, and might be termed a combination bean, as the pods when quite young may be used as a snap bean, and after they become filled, shell and use as Lima Beans, or the whole plant when loaded with foliage and beans may be used for ensilage. Very productive. Per pkt., 20c.

## JOHNSON & STOKES NEW SURPRISE BEET.

The *Earliest Beet* ever produced. Its table qualities are much superior to any variety with which we are familiar, the flesh being unusually sweet, fine grained and tender, retaining its fine blood-red color when cooked. It has the very small top of the well-known Egyptian variety, which admirably fits it for growing under glass, as well as in the open ground, but, unlike the latter, it retains its *faultless quality*, even after it has lost its leaves from age. While the Egyptian has heretofore been about the earliest sort obtainable, it is a well-known fact that its poor quality often rendered it undesirable, and that it is not marketable at all in its middle and later stages of growth, owing to its tasteless, hard, woody nature, and disposition to crack open. These defects, as well as all others, are entirely absent in the *New Surprise*. Pkt., 10c.; oz., 15; lb., \$1.50.

## NEW RUBICON HALF-LONG CARROT.

In the Rubicon we have an entirely distinct American carrot, selected and perfected by a Connecticut market gardener. It is the best in shape and its deep red orange-colored flesh is the finest in quality of all. The stock is so finely bred that the carrots have attained such uniform shape that they are almost exact duplicates of each other. It is *earlier than the Danvers* and about the same length; the leaves are shorter, fewer and finer than this well-known sort; these features make it extremely well adapted for early forcing. It is a splendid sort, however, for growing outside at any season of the year, being a *wonderfully heavy cropper*. It grows without neck, the crown is hollow and it grows well under the ground, which prevents it from becoming sunburnt—a very important feature. Pkt., 10c.; oz., 20c.; lb., \$1.50.

## PERLE LE GRAND CELERY.

It is without doubt the most remarkable novelty in celery obtained since the introduction of our Golden Self-Blanching in 1883. Its beautiful golden heart and rich nutty flavor are unapproached by any other variety, and, from our experience after two years' trial, we find it surpasses all other celeries as a winter keeper. The supply of seed is so limited this season that we cannot offer it in larger quantity than one ounce packages. Pkt., 15c.; oz., 60c.

## **NEW LATE SWEET CORN---Country Gentleman.**

The **Shoe Peg Corn**, introduced by us a few years since, has rapidly grown in popularity, and is generally considered the choicest and sweetest sort that can be grown for private use. Its only weak point was the small size of ear, which is now entirely overcome in the **Country Gentleman**, which possesses all its superior qualities, viz.: the deepest grain, smallest cob and richest flavor of all sweet corns, and resembles Shoe Peg in every other respect except that the ears are nearly **twice as large**. Notwithstanding the greater size of the ear it is fully as productive, producing 3 to 4 good ears to the stalk. We recommend it as the best sweet corn now before the public for the private garden, while its large ear and fine quality make it most desirable for the market gardener. Pkt., 10c.; pt., 15c.; qt., 30c.

## **CLARK'S NONE-SUCH SWEET CORN.**

It is sure to please because of its good size ear, strong growing quality and heavy yield; cob pink in color with white grain of good size, tinted with pink at cob end. From a large crop grown this past season not one ear showed a sign of glaze or flint, therefore it must be sweet and tender. It is 12 to 14 rowed; comes in use after Moore's Concord, with larger ears. The fodder is of beautiful color, tinted with pink, both on leaves and stalks. Pkt., 10c.; pt., 20c.; qt., 35c.

## **CLIMBING CUCUMBER.**

This Cucumber has created an unparalleled sensation in Europe, and has proved to be a valuable novelty. It climbs vigorously to the height of 6 to 8 feet on poles, and is prized for its prolific and hardy qualities, a single vine bearing from 50 to 75 well formed fruits about 10 inches long, of a dark green color and delicious flavor. Per pkt., 20c.

## **HENDERSON'S DELICATA SQUASH.**

The ground color of this beautiful variety is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry, similar in this respect to the well-known Fordhook Squash. The **Delicata** is the earliest of any vine Squash that we have ever tested, and is so prolific that last season from 12 hills of 2 plants each, 352 perfect Squashes were gathered. Although of small size, this variety is wonderfully solid and heavy, the seed cavities being very small. For private use particularly we can recommend this Squash, as it far surpasses in richness of flavor any of the large old-fashioned sorts. In our trial grounds last season, we probably had 100 varieties and stocks of Squashes under test, but of all this number not one produced as many Squashes as the **Delicata**. As before stated, the great distinctive feature of this Squash is its extreme earliness; it matures about the same time as the Summer Squashes, and for early use will doubtless supplant this watery, tasteless class, while its extreme solidity renders it fully as good a keeper as any of the winter varieties. The **Delicata** is an "all season" Squash in a remarkable degree. We can highly recommend it. Per pkt., 10c.

## **HORTICULTURAL LIMA POLE BEAN.**

This distinct new pole bean originated in Vermont with Mr. O. H. Alexander, by a cross between the Large Lima and Horticultural Pole Beans. It retains the shape of the Lima with the color of the Horticultural. It has been well received. The introducer describes it as follows: "This is a highly important novelty, as it is in every respect entirely distinct and meritorious. It is a cross between the Common Lima and Horticultural beans. It has the shape of the former and color of the latter, while its flavor is a combination of these two finest of beans. It is very prolific, bearing 5 to 7 beans in each pod, and is fully 3 weeks earlier than any other Lima. This is a most important fact. It can be grown in our Northern States and Canada where no other Lima will mature, and we believe it is the great bean of the future for the entire world. It ought to be, as it combines the good qualities of the two best sorts in cultivation." Per pkt., 10c.; pt., 30c.; qt., 60c.

# Novelties in Flower Seeds.

## ASTER MIGNON.

New Colors (Benary).

These new Asters are both of incomparable delicacy and beauty. Flowers of three distinct shades of color are borne at the same time by one plant, the blossoms on first appearing being pure white, those half developed white changing to lilac or rose, and finally the full-blown flowers are of a beautiful pure lilac or rose tint.

The Mignon Aster is now a well-established popular favorite, and in habit resembles the Victoria section. The plants are semi-dwarf and bear when well grown 40 to 50 flowers, which have deeply imbricated florets, are of a beautiful shape, and unsurpassed for cutting purposes. For pot culture also the plant is a treasure, bearing as it does its lovely flowers with an indescribable grace, and having none of that stiffness characteristic of some other classes of Aster.

White, changing to lilac. . . . .	Per Pkt. .25
White, changing to rose. . . . .	“ .25

## CENTROSEMA.

This is a perfectly hardy perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion, inverted pear-shaped flowers, about 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feather-white marking through the centre. The large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. The stem and foliage are very graceful and are of a delightful odor. 6 to 8 feet.

625 *Grandiflora . . . . .	.10
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## NYMPHEA ZANZIBARIENSIS.

(Zanzibar Water Lily.)

If sown early will bloom the first summer, and may be kept in winter in the cellar, as they are not hardy.

*Azurea. Blue . . . . .	.25
*Rosea. Pink . . . . .	.25

## NELUMBIUM.

This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant—they open in the morning and close in the afternoon. It is a very interesting plant, and has been an immense success everywhere. It will stand any degree of frost short of freezing.

*Speciosum . . . . .	.25
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## NEW STRAIN OF PETUNIAS.

“GIANTS OF CALIFORNIA.”

The grand improvements in Petunias for the past few year left the impression that the acme of perfection had been reached, but such was not the case. Our grower, a specialist in California, after crossing, hybridizing and selecting for several years, starting from the finest sorts then obtainable in Europe and America, aided by congenial culture and climate, has produced a strain of incomparable beauty, size and luxuriance, and remarkable in many respects. They are very deep throated. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often 5 inches across, but their great merits lie in the innumerable varieties of colors, many of them intense: with markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations—some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins, or exquisitely pencilled combinations quite new in Petunias. Some of the colors are rich and gorgeous, and others of lovely delicate shades; the flowers are moreover of great substance. Mixed varieties, 25c. per Pkt.

## GRAND NEW DOUBLE POPPY---"American Flag."

This is the most beautiful Double Pæony flowered Poppy that ever came under our notice. The plants are robust growers—about 2 feet high—well branched, bearing freely large flowers, 3 to 4 inches across. Very double and charmingly colored; a pure white ground, margined dark orange scarlet. Unlike most Double Poppies, with two colors, one of which is obscure, in this variety the ground color is plainly displayed, making an unusually effective combination. Per Pkt., 15c.

## SWEET PEA EMILY HENDERSON.

The Emily Henderson Sweet Pea is absolutely pure white, as clear as alabaster and glistening as satin; all other whites in comparison are tinged with yellow, green or pink. The flowers are extra large, of remarkable substance, and in form perfection, broad, round standards without the slightest tendency to reflex or curl. The stems are stiff and long, supporting the blossoms so that they stand out boldly, giving this variety an added value for cutting. In earliness and long continued bloom, it outrivals all competitors, flowering nearly two weeks earlier than any other variety and continues a veritable "cut-and-come-again" to the end of Autumn. The fragrance is most delicious and distinct. The abundance of bloom is phenomenal, rarely less than three flowers are borne on a stem. For forcing under glass it is bound to outstrip all others on account of its color, earliness and profusion. Per pkt., 15c.

## STOCKS—German Ten Weeks' "Princess May."

This novelty belongs to the large-flowered pyramidal section. It is very early, wall-flower-leaved and produces a very large percentage of big primrose-colored flowers. Per pkt., 25c.

## SWEET WILLIAM---"Harlequin."

The Sweet William—one of the most admired of our garden flowers—has been a favorite for many years on account of its hardy, vigorous growth and rich profusion of bloom, and extremely easy culture. The "New Harlequin," as a mass, are extremely effective, and the plants individually are especially attractive, bearing numerous large heads of flowers, from 4 to 5 inches across, each head being composed of different colored florets, such as dark crimson, white, pink, flesh, striped, etc., etc.; these colors banking against each other in charming confusion, produces a very bizarre effect, and brings out a richness and vividness of coloring by the sharp contrasts that we have never before seen equaled. Per pkt., 15c.

## DOUBLE SWEET SCABIOSA.

GOLDEN YELLOW.

This is an entirely new color in the Sweet Scabiosa, which has been perfected after many years' careful selection by a noted grower of Erfurt. The plants are dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow color, which are very useful for cutting. Per Pkt. 20c.

## ZINNIA.

DWARF DOUBLE, STRIPED (Benary).

I was unable last year to offer this valuable novelty in my general catalogue owing to the very poor yield. This year, however, I have obtained a fair quantity of seed and can recommend this semi-dwarf class yet more strongly after a further season's experience.

The seed will produce 60 to 65 per cent of very fine striped or Zebra Zinnias, whose range of color includes a great variety of very effective shades. Per pkt., 25c.

## SPECIAL INDUCEMENTS.

I make the following special inducements to those who purchase SEEDS IN PACKETS ONLY.

For One Dollar,	seeds may be selected amounting to	\$1.20.
" Two Dollars,	" " " " " "	" \$2.50.
" Three	" " " " " "	" \$3.75.
" Four	" " " " " "	" \$5.00.
" Five	" " " " " "	" \$6.25.

Postage prepaid on all FLOWER SEEDS at prices quoted.

# FLOWER SEEDS.

## SOWING, TRANSPLANTING, SOIL, ETC.

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Success in the cultivation of flowers from seed depends to a great extent on some of the earlier operations, on which I venture a few suggestions. The first requisite is **RELIABLE SEEDS**: I spare no pains or expense to procure the **VERY BEST**. A trial of my seeds will do more to establish this fact than any statement by me would be likely to do. Having obtained the seeds desired for planting, procure suitable boxes or pans, in the bottom of which put pieces of broken pots for drainage, and fill with fine porous soil, level it carefully and press lightly, so that a comparatively smooth surface may be obtained. Water the surface with a fine rose, and sow the seeds as evenly as possible. Cover with a light, fine soil to a depth twice the diameter of the seed. Very fine seeds require little, or no covering at all, a mere pressing into the soil in many cases being sufficient. A pane of glass or piece of paper should be put over them after sowing to retain the moisture, which will generally be sufficient to ensure germination, and will prevent the soil from crusting over. If they should get dry, however, it will be better to water from the bottom by standing the pan a few minutes in water, as top-watering is very apt to wash up the seeds and leave them uncovered on the surface. All seedlings and young plants should be kept as near the glass as possible, and as soon as they are fit to handle they should be

### TRANSPLANTED

Into a light rich soil and from two to three inches apart, according to the size the plants are likely to attain before being again moved. Before planting out, give the plants a thorough wetting, and they can then be taken up with balls of earth and planted without drooping, if a little water is given after planting. The best

### SOIL

For seedlings, as well as for most flowering plants is a rich loam, neither too sandy nor too stiff; in such they grow readily and attain great perfection of bloom with little care. The soil should be well broken up and made fine by a free use of the rake. Seedlings should be thinned out before they become in any way crowded, and most varieties transplant successfully.

### ANNUALS

are all plants which grow from seed, flower, mature their seed and die within the course of a year.

**Hardy Annuals** are so called because they do not require any artificial heat at any period of their growth, and are capable of enduring any ordinary weather from April to October. The seeds may be sown any time from April to October.

**Half-Hardy Annuals** are those that require artificial heat to assist their germinating, but in some cases this is not absolutely necessary, as a sowing may be made on a warm border in May. It is advisable, however, to make a sowing in heat during March and April, as a much earlier and longer period of bloom is thus obtained. This class embraces some of the most beautiful annuals in cultivation. They should be transplanted and grown under glass until the last of May, when they may be hardened and planted out from nine to twelve inches apart in good garden soil.

**Tender Annuals** are all annuals which require the protection of glass during the whole season of their growth. A good heat is necessary to germinate the seeds, and they should be transplanted into small pots and shifted on as the pots become filled with roots, and when they have received their last shift, occasional waterings with liquid sheep manure will be very beneficial.

## BIENNIALS

Are plants that take two years in their development from seed to the maturation of seed, growing one year, flowering, fruiting and dying the next. The hardy sorts may be sown and treated the same as recommended for Hardy Annuals. The tender varieties are sown in frames or cool houses, where they are kept all winter, and transferred to the open border in May or June. Many of the Biennials will bloom the first season if the seed be sown in February or March.

## PERENNIALS

Are plants which, as a rule, bloom the second year from seed, and are more or less permanent thereafter. The term is in most general use in referring to hardy border plants, where it is necessary to distinguish between those which are perennial, and others that are of only annual or biennial duration. Like the Biennials there are many Perennials which bloom the first year if sown early. Seed of Hardy Perennials may be sown in the open borders any time from April to October, though we prefer sowing early enough to get strong plants before cold weather, as they are not likely to winter-kill, whereas the plants from late sown seed, being small, are more liable to suffer from this cause. The soil should be a good, rich loam.

**Tender Perennials** require the protection of a greenhouse, through the winter. The seeds of some of the Perennials will remain in the soil for months before germinating.

## WHY SEEDS FAIL.

From a belief that the Seedman's reputation is often unjustly defamed, through the failure of seeds, I would briefly state some of the causes.

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, etc. being from their nature apt to vegetate quickly, are often destroyed while germinating through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Other species, such as Carrots, Celery, Leek, Onion, Parsley, Parsnip, Spinach, etc., being naturally of tardy growth, take (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other unaccountable circumstances, which cannot be controlled.

Failures often occur through seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in over manuring and improperly preparing the soil causes defeat.

In some sowings of seed made during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ. Never tread or roll in the seeds when the ground is wet.

Do not raise Egg Plants, etc., in the same hot-bed with Cabbage, and other half-hardy plants that require air every mild day; by such management one or the other must suffer—heat being the principal requisite of tender plants, and air that of the more hardy varieties.

# IMPORTED COLLECTIONS.

These collections have always given perfect satisfaction, and when one wants several separate colors they are very fine.

Asters, Truffaut's Pæony Flowered. 6 varieties . . . . .	.40
Asters, Victoria. 6 varieties . . . . .	.60
Balsam, Rose Flowered. 6 varieties . . . . .	.50
Hollyhook, Chater's. 6 varieties . . . . .	.75
Marigold, African 6 varieties . . . . .	.25
Marigold, French. 6 varieties . . . . .	.30
Nasturtium, Dwarf. 6 varieties . . . . .	.35
Nasturtium, Tall. 6 varieties . . . . .	.30
Pansies. 6 varieties . . . . .	.40
Tropæolum. 6 varieties . . . . .	.45

# Flower Seed List.

In ordering, give Numbers only, as it will greatly facilitate in filling the Order.

## ASTERS.

These annuals, usually known as French, German or China Asters, are most popular, and extensively grown in flower beds and in pots; their compact habit of growth and profusion of magnificent flowers of rich and varied colors render them universal favorites. For early blooming, sow in boxes in April and transplant to the open ground when plants are large enough. For late flowering, sow in the open ground as soon as it is warm enough to work.

<b>Ball, or Jewell Aster.</b> A new and beautiful class of Asters, obtained from the well-known Pæony Perfection race; similar but somewhat dwarfer in habit than the latter, and with shorter petals; perfectly round flowers; 20 inches.	Pkt.
1 *Apple Blossom . . . . .	.15
2 *Crimson . . . . .	.10
3 *Deep Rose . . . . .	.15
<b>Bitteridge's Quilled.</b> Perfectly double; showy Aster; 1½ feet.	
4 *Mixed . . . . .	.05
<b>Boltze's Dwarf Bouquet Aster.</b> A charming class, deserving of widest cultivation; very free-blooming and constant; ¾ feet.	
5 *Mixed . . . . .	.10
<b>Boston Florists' Aster.</b> Much grown by florists for cutting, the stems being quite long; also one of the best for bedding. Flowers double, large and well shaped; habit pyramidal, branching from near the ground. Specially saved for us by a leading grower for Boston market. 1½ feet.	
6 *Blue. Very fine . . . . .	Per oz. \$3.00 .10
7 *Pink. Very fine. . . . .	3.00 .10
8 *White. Very fine . . . . .	3.00 .10
<b>Comet Asters.</b> A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemum.	
9 *Light Blue and White . . . . .	.15
10 *Pink and White . . . . .	.15
11 *White . . . . .	.15

## ASTERS — Continued.

		Pkt.
<b>Crown, or Cocardeau Aster.</b>	Singularly striking and charming, the centre petals of the flowers being white surrounded with many bright colors 1½ feet.	
12 *Mixed . . . . .		.10
<b>Giant Emperor Aster.</b>	Flowers of enormous size, double and beautiful; 2 feet.	
13 *Mixed . . . . .		.10
<b>Halequin Aster.</b>	A beautiful striped and blotched variety.	
14 *Mixed . . . . .		.15
<b>Hedgehog, or Needle Aster.</b>	Very double; petals long, quilled, and sharply pointed; 2 feet.	
15 *Mixed . . . . .		.15
<b>Mignon Aster.</b>	The most beautiful for floral arrangements. The flowers are of very refined form. New sort.	
16 *White . . . . .		.10
17 *Mixed . . . . .		.10
<b>Queen of the Market.</b>	The earliest of all, coming into bloom 4 to 6 weeks earlier than others, and therefore very valuable for cut flowers. We offer the following distinct colors:	
		Oz.
18 *Blue . . . . .	\$2.50	.10
19 *Rose . . . . .	2.50	.10
20 *White . . . . .	2.50	.10
<b>Truffaut's Pæony-Flowered Perfection.</b>	Wherever Asters are grown, this grand race is sure to find a favored place. The strain we offer is a great improvement, the flowers being larger and fuller, and the petals beautifully incurved like a full, double Chrysanthemum. 2 feet.	
21 *Glowing Crimson . . . . .	\$3.50	.10
22 *Light Blue . . . . .	3.50	.10
23 *Rose . . . . .	3.50	.10
24 *Violet Purple . . . . .	3.50	.10
25 *White . . . . .	3.50	.10
26 *Mixed . . . . .	3.50	.10
<b>Victoria Asters.</b>	One of the most showy Asters grown: admirably adapted for beds, borders, etc., and unsurpassed for florists' use. Forms a handsome pyramidal bush, studded with large, perfectly double imbricated flowers. 1½ to 2 feet.	
27 *Apple Blossom . . . . .	\$4.00	.10
28 *Carmine Rose . . . . .	4.00	.10
29 *Light Blue . . . . .	4.00	.10
30 *Scarlet . . . . .	4.00	.10
31 *White . . . . .	4.00	.10
32 *Mixed . . . . .	4.00	.10
<b>Victoria Dwarf Aster.</b>	The finest of the dwarf Asters. ¾ feet.	
33 *Crimson . . . . .	\$4.50	.10
34 *Light Blue . . . . .	4.50	.10
35 *Rose . . . . .	4.50	.10
36 *White . . . . .	4.50	.10
37 *Mixed . . . . .	4.50	.10
<b>Washington Aster.</b>	Very fine, large Aster; valuable for exhibition purposes; 2 feet.	
38 *Mixed . . . . .		.10
<b>China Aster.</b>	Very fine color.	
39 *Mixed . . . . .		.05
<b>Perennial Aster (Michaelmas Daisy).</b>	Beautiful autumn flowers.	
40 *Mixed . . . . .		.05

**ABOBRA.**

A pretty climber, suitable for planting out during summer. Foliage dark green and glossy, with numerous dazzling scarlet fruits. Half-hardy perennial. 10 feet.

41 *Viridiflora . . . . .	Pkt. .05
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**ABRONIA.**

Beautiful annual of trailing habit, with Verbena-like clusters of sweet scented flowers.

42 *Arenaria. Waxy yellow; pretty. $\frac{1}{2}$ foot . . . . .	.05
43 *Umbellata Grandiflora. Rosy. $\frac{1}{2}$ foot . . . . .	.05

**ABUTILON.**

A fine ornamental foliage plant, producing showy bell-shaped, drooping flowers freely during spring and winter in the house, and during summer when bedded out. Half-hardy shrubs.

44 *New Hybrids. Mixed . . . . .	.20
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**ACACIA.**

Half-hardy greenhouse shrubs, with elegant, graceful foliage. The flowers—small and globular—are formed in thick clusters on long spikes. Perennial. 3 to 6 feet.

45 *Finest Mixed . . . . .	.10
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**ACANTHUS.**

Showy, ornamental foliage plant of stately habit. Hardy perennial. 2 feet.

46 *Mollis . . . . .	.05
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**ACONITUM. Monkshood.**

Handsome perennial plant; beautiful blue and white flowers. Hardy; 2 feet.

47 *Napellus . . . . .	.10
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**ACROCLINIUM.**

This interesting annual is one of the most valuable and beautiful Everlasting flowers. For winter bouquets the flowers should be cut before being fully expanded.

48 *Album. Flowers single white. 1 foot . . . . .	.05
49 *Roseum. Single bright rose. 1 foot . . . . .	.05
50 *Roseum flore pleno. Double rose. 1 foot . . . . .	.10

**ADLUMIA. Mountain Fringe.**

This beautiful climber grows readily from seed. Should be sown near a trellis or arbor. Free-blooming and quite hardy. Flowers pink.

51 *Cirrhosa . . . . .	.10
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**ADONIS.**

Showy and popular border flowers remaining a long time in bloom.

52 *Æstivalis ( <i>Flys Adonis</i> ). Flowers scarlet. Hardy annual; 1 foot . . . . .	.05
53 *Autumnalis. Crimson; pretty dwarf annual . . . . .	.05
54 *Vernalis. Produces its beautiful yellow flowers early in spring. Hardy perennial; 1 foot . . . . .	.05

**AGERATUM.**

Highly prized for bedding out, and valuable for winter blooming indoors.

	Pkt.
55 *Album . . . . .	.05
56 *Little Dorrit . . . . .	.10
57 *Mexicanum . . . . .	.05

**AGROSTEMMA.**

Very beautiful and attractive hardy perennial flowers.

58 *Cœli Rosea ( <i>Rose of Heaven</i> ). Rose; 1 foot . . . . .	.05
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**ALONSOA.**Very ornamental in the greenhouse, or grown as *annuals* for the summer garden; charming for bedding out.

59 *Grandiflora. Bright scarlet; 1 $\frac{1}{2}$ feet . . . . .	.05
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**ALYSSUM.**

Very hardy, free-blooming dwarf plants, all the varieties growing freely in common soil. The pretty, fragrant flowers are much prized for bouquets; excellent for the summer garden and for blooming in the greenhouse in winter.

60 *Alyssum, Sweet. White, free-blooming, fragrant, hardy annual; $\frac{1}{2}$ foot. Ounce 50 cents . . . . .	.05
61 *Benthami Compactum. Admirably adapted for dwarf edgings; thickly studded with small, pure white flower heads till frost Annual; $\frac{1}{2}$ foot. Ounce 60 cents . . . . .	.05
62 *Little Gem. Distinct and very pretty; each plant will cover a circle twenty inches wide; dwarf; flowers white, fragrant and beautiful . . . . .	.10
63 *Saxatile Compactum ( <i>Golden Alyssum</i> ). Yellow, free-blooming. Hardy perennial; $\frac{3}{4}$ foot . . . . .	.05

**AMARANTHUS.**

Ornamental foliaged. Very striking and effective decorative plants. Sow early; and set out the young plants early in June Annual.

64 *Caudatus ( <i>Love Lies Bleeding</i> ). Blood red, drooping; 3 feet . . . . .	.05
65 *Cruentus ( <i>Princess Feather</i> ). Erect. Flow. ring, bright scarlet . . . . .	.05
66 *Henderi. Of graceful pyramidal growth and long-drooping leaves, of brown, madder, and bronze; 4 feet . . . . .	.05
67 *Salicifolius ( <i>Fount in Plant</i> ). Of pyramidal, drooping habit, branching close to the ground; 3 feet . . . . .	.05
68 *Tricolor ( <i>Joseph's Coat</i> ). Leaves red, yellow and green; 3 feet . . . . .	.05

**AMMOBIUM.**Large, pure white flowers; a valuable *Everlasting* for winter bouquets. Annual; 2 feet

69 *Alatum . . . . .	.05
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**AMPELOPSIS.**

A hardy perennial species of Woodbine from Japan, with olive-green leaves, which turn to scarlet in the autumn. Will adhere to brick or stone walls.

70 *Veitchii ( <i>Japanese Ivy</i> ). . . . .	.05
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**ANAGALLIS.** *Pimpernelle.*

Dwarf, compact plants; adapted for baskets, rock-work, edgings, and small beds; succeed best in a light, rich soil, in a sunny situation; covered with various shades of flowers the whole summer; half-hardy annuals; 6 inches.

71 *Mixed . . . . .	Pkt.
	.05

**ANEMONE.** *Windflower.*

A very pleasing hardy perennial; easily grown from seed, producing large flowers, early in the spring, when few plants can compare with them in beauty and brilliancy; fine for bouquets; 1 foot.

72 *Chinensis ( <i>Coronaria, Hortensis</i> ). Mixed. $\frac{1}{2}$ foot . . . . .	.05
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**ANTHEMIS.**

A free-flowering Chamomile, in bloom the entire season. Golden yellow; 18 inches.

73 *Arabica . . . . .	.05
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**ANTIRRHINUM.** *Snap-Drum.*

One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully-marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 to 2 feet.

74 *Dwarf. Mixed . . . . .	.05
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75 *Tall. Mixed . . . . .	.05
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**AQUILEGIA.** *Columbine.*

This plant blooms freely early in the spring and summer and produces beautiful, curiously-formed and variously-colored flowers; hardy perennials.

76 *Double, Mixed . . . . .	.05
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77 *Single, Mixed . . . . .	.05
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**ARMERIA.** (*See Pink.*)

Highly ornamental dwarf hardy perennial plants, growing freely in almost any soil; fine for edgings; rose-colored flowers;  $\frac{1}{2}$  foot.

78 *Maritima . . . . .	.05
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**ARISTOLOCHIA.**

79 *Sipho ( <i>Dutchman's Pipe</i> ). A rapid growing climber; large heart-shaped foliage, and very curious flowers, resembling a pipe; hardy perennial; 30 feet. Brownish purple . . . . .	.15
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80 *Elegans. One of the best of this class of climbing plants. Of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the open ground in the greatest profusion, even on small plants, and are entirely free from any objectionable odor, . . . . .	.25
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**ASPERULA.**

A beautiful hardy annual with blue flowers; delightfully fragrant; suitable for shady places; 1 foot.

81 *Azurea Setosa . . . . .	.05
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82 *Odorata ( <i>Woodruff</i> ). White, fragrant, perennial; 1 foot . . . . .	.05
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**ASPHODELUS.** *Asphodel.*

Hardy herbaceous perennial of great beauty as an open border plant, succeeds well in any soil. Flowers yellow. 3 feet.

83 *Luteus . . . . .	Pkt. .05
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**BALLOON VINE.**

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white; half hardy annual; 5 feet.

84 *Balloon Vine ( <i>Cardiospermum</i> ) . . . . .	.05
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**BALSAM.** *Lady's Slipper.*

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil; tender annuals; 18 inches to 2 feet.

**Rose-Flowered.** Very double; best for florists.

85 *Crimson . . . . .	.10
86 *Rose . . . . .	.10
87 *White . . . . .	.10
88 *Finest Mixed . . . . .	.10

**Camellia-Flowered Spotted.** Benary's improved.

89 *Best Mixed . . . . .	.10
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**Camellia-Flowered Dwarf.**

90 *Extra Mixed . . . . .	.10
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**Carnation Striped.**

91 *Finest Mixed . . . . .	.10
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**BAPTISIA.**

A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long.

92 *Australis . . . . .	.05
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**BARTONIA.**

Producing showy flowers, above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well; hardy annual; 2 feet.

93 *Aurea . . . . .	.05
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**BEANS.**

Very rapid climbers; flowering profusely and admirably adapted for covering screens, etc.

94 *Scarlet Runner . . . . .	.05
95 *White Runner . . . . .	.05

**BEEF.**

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For planting in ribbon beds or in groups they are very effective.

96 *Mixture of Crimson, Golden, Scarlet and Silver . . . . .	.05
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**BEGONIA.**

Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow from August to October. Tubers must be kept from frost in dry sand.

	Pkt.
97 *Double Tuberos-rooted. Mixed . . . . .	.40
98 *Single Tuberos-rooted. Mixed . . . . .	.25
99 *Rex Hybrida. Mixed. Beautiful varieties of the Rex class, with handsome variegated foliage; choice mixed; 6 inches . . . . .	.25
100 *Roezli. Seeds sown in April make strong plants by September; the flowers appear in October, resembling an open Pæony . . . . .	.25

**BELLIS PERENNIS. Double Daisy.**

Favorite dwarf perennial; one of the most charming spring flowers.  $\frac{1}{2}$  foot.

101 *Double White. Ounce, \$6.00 . . . . .	.10
102 *Longfellow. Very large, dark rose flowers on long stalks; valuable for bouquets . . . . .	.10
103 *Finest Mixed. Ounce, \$5.00 . . . . .	.10

**BIDENS. Dahlia Zimapani.**

A free-flowering tender annual having beautiful foliage and bearing fine and attractive flowers. The roots can be preserved like Dahlias; 1 foot.

104 *Atrosanguinea. Rich dark crimson and yellow . . . . .	.10
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**BOCCONIA.**

Effective plant for single specimens or groups on lawn. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers; hardy perennial; 5 feet.

105 *Japonica . . . . .	.10
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**BRACHYCOME. Swan River Daisy.**

Free-flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or pot culture; half hardy annual.

106 *Mixed. Light blue and white; 6 inches . . . . .	.05
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**BROWALLIA.**

Very pretty, free-blooming plants for greenhouse decoration, also admirable for the open garden in summer; excellent for bouquets. Light, rich soil;  $1\frac{1}{2}$  feet.

107 *Ellata Grandiflora. Blue. Ounce, \$1.00 . . . . .	.05
108 **Alba. Ounce, \$1.00 . . . . .	.05
109 *Finest Mixed. Ounce, \$1.00 . . . . .	.05

**BRYONOPSIS.**

Beautiful climber, bearing innumerable small green fruits, changing in color, as they ripen, to bright scarlet striped; annual; 10 feet.

110 *Laciniosa Erithrocarpa . . . . .	.05
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**CACALIA.** *Tassel Flower.*

Very pretty, free-flowering, hardy annual; upright, tassel-shaped, scarlet flowers; 1 foot.

111 \**Coccinea.* Ounce, 40 cents . . . . . Pkt. .05

**CALAMPELIS.** *Eccremocarpus.*

Splendid climber with orange flowers. Seed sown early in heat, and transplanted, will blossom in the garden the same season. Half-hardy perennial; 10 feet.

112 \**Scabra* . . . . . .10

**CALCEOLARIA.**

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for the greenhouse or conservatory.

113 \**Dwarf, Large-flowered.* Mixed . . . . . .50

114 \**McCullough's Prize, Large-flowered.* Mixed . . . . . .50

115 \**Rugosa, or Shrubby.* Yellow, brown, etc. . . . . .50

**CALENDULA.**

Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 foot.

116 \**Meteor.* Large double yellow, striped with orange. Ounce, 30 cents . . . . . .05

117 \**Officinalis, Fl. Pl., Le Proust.* Na' keen colored Very fine. Ounce, 25 cents, . . . . . .05

118 \**Prince of Orange.* Resembles Meteor, but is much darker Ounce, 40 cents, . . . . . .05

119 \**Mixed.* Ounce, 20 cents . . . . . .05

**CALLIOPSIS, OR COREOPSIS.**

Excellent, showy, hardy plants, of rich and charming colors, and long duration in bloom.

120 \**Atrosanguinea.* Dark crimson . . . . . .05

121 \**Bicolor.* Golden yellow, with brown centre. Ounce, 50 cents . . . . . .05

122 \**Coronata.* Yellow, Large, fine; 2 feet. Ounce, 40 cents . . . . . .05

123 \**Dwarf.* Mixed. Ounce, 40 cents . . . . . .05

124 \**Tall.* Mixed. Ounce, 40 cents . . . . . .05

125 \**Lanceolata.* The Perennial Golden Coreopsis. One of the easiest to cultivate; perfectly hardy and beautiful . . . . . .10

**CALLIRHOE.**

Very showy, large, scarlet, Linum-like flowers; begins to bloom early, and bears profusely till frost; hardy annual; 1½ feet.

126 *Pedata.* Dark red . . . . . .05

**CAMPANULA.**

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. *Carpatica* and *Speculum* are fine for beds, edgings and ribbon-gardening.

127 \**Carpatica.* Free-flowering, blue, continuing in bloom the whole season; hardy perennial; 6 inches . . . . . .05

128 \**Dichotoma.* Beautiful, free-blooming variety, with blue flowers of a rich shade; annual . . . . . .05

129 \**Fragilis.* Charming for hanging pots; with drooping branches a foot long, covered with porcelain blue flowers; hardy perennial, of easy culture . . . . . .15

130 \**Pyramidalis.* Very showy for borders, or pot-culture; hardy perennial; 3 feet; blue and white mixed. . . . . .05

131 \**Speculum (Venus' Looking-Glass).* Free-blooming hardy annual; in bloom the whole season. . . . . .05

**CAMPANULA — Continued.**

	Pkt
132 *Mixed perennial varieties . . . . .	.05
<b>Medium</b> ( <i>Cent's bury-bell</i> ). Very showy hardy biennials. 2 feet.	
133 *Calycanthem. The calix of this beautiful variety forms a cup at base of the bell. Splendid mixed . . . . .	.05
134 *Double. Mixed. Ounce, \$1.25 . . . . .	.05
135 *Single. Mixed. Ounce, \$1.00 . . . . .	.05

**CANDYTUFT. Iberis.**

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April, flower from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. Hardy annuals, 1 foot high.

136 *Carmine. 1 foot. Ounce, 60 cents . . . . .	.05
137 *Crimson, Dunnett's. 1 foot. Ounce, 25 cents . . . . .	.05
138 *Dwarf White. Ounce, 30 cents . . . . .	.05
139 *Empress. Extra fine; large; white . . . . .	.10
140 *Purple. 1 foot. Ounce, 25 cents . . . . .	.05
141 *White Rocket. Ounce, 25 cents . . . . .	.05
142 *Mixed. Ounce, 25 cents . . . . .	.05
143 *Fragrant White. Ounce, 25 cents . . . . .	.05
144 *Sempervirens. White; hardy perennial; very early; 1 foot . . . . .	.05

**CELOSIA. Cockscomb.**

Highly esteemed and beautiful plants, with splendid, richly colored flower-heads; annuals.

145 *Crimson . . . . .	.10
146 *Empress ( <i>Giant Maxima</i> ). Bright purple combs; dark foliage, beautiful . . . . .	.25
147 *Glasgow Prize. Very fine, dwarf sort, with dark leaves and large, crimson combs . . . . .	.10
148 *Pyramidalis Plumosa. Magnificent annual, with charming, feathery heads; rich crimson; 1 foot . . . . .	.10
149 *Japonica. A beautiful scarlet; distinct variety . . . . .	.10
150 *Dwarf. Mixed . . . . .	.10
151 *Tall. Mixed . . . . .	.10

**CENTAUREA.**

The silvery foliaged Centaureas are among our most beautiful and valuable dwarf bedding plants. Should be started early in gentle heat. Half-hardy perennials.

152 *Candidissima. The dwarfest of the silvery foliaged varieties; $\frac{3}{4}$ feet. 1,000 seeds, \$1.00 . . . . .	.10
153 *Gymnocarpa. Very graceful, silvery foliage; excellent decorative bedding plant; $\frac{3}{4}$ feet. Per ounce, \$1.25 . . . . .	.10

**CENTAUREA CYANUS. Bachelor's Button.**

Beautiful annual; varieties commonly known as Corn Flower, Blue Bottle, etc.

154 **Blue. Ounce, 25 cents . . . . .	.05
155 **Rose. Ounce, 25 cents . . . . .	.05
156 **White. Ounce, 25 cents . . . . .	.05
157 **Mixed. Ounce, 25 cents . . . . .	.05
158 **New Double Flowering . . . . .	.10
159 *Moschata ( <i>Sweet Sultan</i> ). Mixed. Ounce, 30 cents . . . . .	.05
160 *Suaveolens. Very handsome annual; yellow. Ounce, 30 cents . . . . .	.05

**CHAMAEPEUCE.**

Handsome, glossy-green and white leaves. Half-hardy biennial; 1 foot.

161	* <i>Casabonæ</i> ( <i>Fishbone Thistle</i> ) . . . . .	Pkt.
		.10

**CHRYSANTHEMUM.**

Exceedingly showy and popular plants; most useful for cut flowers.

162	* <i>Coronarum Album</i> . Double white, blooming till frost; 1½ feet. Ounce, 40 cents . . . . .	.05
163	* <i>Multicaule</i> . Beautiful golden yellow; in bloom the entire season; height, 4 inches; hardy annual . . . . .	.05
164	* <i>Golden Feather</i> . White, banded crimson, inner ring canary yellow, maroon eye . . . . .	.05
165	* <i>Mixed Annual Varieties</i> . Excellent for borders; variety of shades, 1½ feet. Ounce, 35 cents . . . . .	.05
166	* <i>Indicum</i> . The large flowering, fall-blooming <i>Chinese Chrysanthemums</i> are among our most gorgeous flowers; our seeds are from a collection of the finest colors and best sorts; 3 feet . . . . .	.25
167	* <i>Japonicum</i> . Beautifully feathered; from a superb collection; mixed . . . . .	.25

**CINERARIA GRANDIFLORA.**

This strain of *Cineraria* cannot be surpassed either for size of flower or beauty of color. Many of the blooms measure 2½ inches in diameter, and none will be smaller than a silver dollar.

168	* <i>Hybrida Grandiflora Nana</i> . Mixed . . . . .	.50
169	* <i>Hybrida Grandiflora Tall</i> . Mixed . . . . .	.50
170	* <i>Maritima Candidissima</i> ( <i>Dusty Miller</i> ). Finest of the silver-leaved <i>Cinerarias</i> . Ounce, \$1.00 . . . . .	.05

**CLARKIA.**

Well known and very useful hardy annuals; free-flowering; fine for beds and bouquets; 1 foot

171	* <i>Double</i> . Mixed. Ounce, 75 cents . . . . .	.05
172	* <i>Single</i> . Mixed. Ounce, 75 cents . . . . .	.05

**CLEMATIS.**

Rapid-growing climbers, fine for arbors and verandas.

173	* <i>Flamula</i> ( <i>Virgin's Bower</i> ). Producing beautiful clusters of small, white, fragrant flowers . . . . .	.05
174	* <i>Jackmani</i> . Very large, star-shaped flowers, mixed . . . . .	.10

**COBEA.**

Splendid, half-hardy, evergreen climber, with large, purple, bell-shaped flowers. Start the seeds in heat, *setting them on edge*, cover ½ inch; 15 feet.

175	* <i>Scandens</i> . Large, bell-shaped purple flowers. Ounce, \$1.00 . . . . .	.10
176	** <i>Flora Alba</i> . Pure white . . . . .	.20

**COLEUS.**

Valued for their beautiful foliage; half-hardy perennials of easy culture.

177	* <i>Benary's New Hybrids</i> . Mixed . . . . .	.25
178	* <i>Fine Mixed</i> . . . . .	.15

### COLLINSIA.

Very pretty and useful hardy annuals for borders, etc. 1 foot.

	Pkt.
179 *Mixed Colors . . . . .	.05

### COMMELINA.

Showy, tuberous-rooted plant, which blooms the first year from seed. The tubers may be stored during winter like Dahlias. Perennial. 1½ feet.

180 *Cælestis Cærulea . . . . .	.05
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### CONVOLVULUS.

Free-flowering and most beautiful plants, with large, rich, varied colored flowers; annuals.

181 *Minor. Mixed. Dwarf Morning Glory. On ce, 25 cents . . . . .	.05
182 *Mauritanicus. Good plant for basket or rockery. Flowers lavender; habit trailing; perennial . . . . .	.10

### COSMOS.

Perfectly lovely fall-blooming annual, with numerous large Anemone-like flowers; splendid for bouquets. Start early in heat. 3 feet.

183 *Hybrida Grandiflora. Pure white . . . . .	.10
184 *Hybrida Grandiflora. Finest mixed . . . . .	.10

### CUCUMIS.

Ornamental climbing cucumber.

185 *Flennosus . . . . .	.05
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### CYCLAMEN.

Charming bulbous-rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers; universal favorites for winter and spring blooming. If seed is sown early they make flowering bulbs in one season; they require sandy loam; half-hardy perennial; 6 inches.

186 *Persicum Album . . . . .	.50
187 *Persicum Hybridum Grandiflora. Large and beautiful. Finest mixed . . . . .	.50

### CYPERUS.

This handsome, ornamental plant throws up a number of slender stems about 2 feet high, surmounted by dark green, shining plumes. Half-hardy perennial

188 *Alternifolius ( <i>Egyptian Paper Plant</i> ) . . . . .	.10
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### DAHLIA.

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand; 2 to 8 feet.

189 *Lilliput. Double, small flowered. Named varieties mixed . . . . .	.10
190 *Double Large Flowering. Mixed . . . . .	.10
191 *Single Large Flowering. Mixed . . . . .	.10

### DATURA.

192 *Fastuosa Huberiana ( <i>Trumpet Flower</i> ). Finest mixed . . . . .	.05
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## DELPHINIUM.

Remarkably showy and well-known herbaceous plants; stately habit and showy flowers. Hardy perennials.

	Pkt.
193 * <i>Chinensis</i> . Beautiful double blue; blooms the first year . . . . .	.05
194 * <i>Elatum</i> ( <i>Bee Larkspur</i> ). Blue; fine hardy perennials; 4 feet . . . . .	.05
195 * <i>Formosum</i> . Dark blue; 2½ feet . . . . .	.05
196 * <i>Nudicaule</i> . Beautiful scarlet; 1 foot . . . . .	.10

## DIANTHUS.

A very beautiful class of biennials and perennials. The biennials are hardy and bloom the first year.

197 * <i>Chinensis</i> ( <i>Double China Pink</i> ). Excellent border plant; mixed. Ounce, 40 cents . . . . .	.05
198 * <i>Heddewiggi</i> ( <i>Double Japan Pink</i> ). Extra mixed. Ounce, \$1.25 . . . . .	.05
199 ** <i>Alba</i> fl. pl. Double white . . . . .	.05
200 ** <i>Diadematis</i> fl. pl. ( <i>Double Diadem Pink</i> ). Splendid, compact variety, with perfectly double flowers, of variety of colors. Ounce, \$2.00 . . . . .	.10
201 * <i>Fringed, Double</i> . Finest double sorts mixed. Ounce, \$2.50 . . . . .	.05
202 * <i>Lacineatus, Single Fringed</i> . Finest mixed. Ounce, \$1.50 . . . . .	.05
203 * <i>Striped, Double</i> . New, very fine . . . . .	.10
204 * <i>The Bride</i> . Very large, white flowers with purple centre; beautiful . . . . .	.10

*Dianthus Caryophyllus*. Perennial varieties.

205 ** <i>Mignardise, Double</i> . New race of the Scotch Pink. Grass-like foliage; hardy with slight protection, and strongly clove-scented; 1 foot . . . . .	.50
206 ** <i>Paisley Pink</i> ( <i>Double Show, or Florist</i> ). Finest mixed; 1 foot . . . . .	.50
207 ** <i>Picotee</i> . Finest mixed; 1 foot . . . . .	.50
208 ** <i>Perpetual, or Tree</i> . Finest double mixed; 2 feet . . . . .	.50
209 ** <i>Plumarious</i> ( <i>Pheasant-eye Pink</i> ). Single, fringed; 1 foot . . . . .	.05
210 ** <i>Plumarious, Double</i> ( <i>Hardy Garden Pink</i> ). Finest mixed; 1 foot . . . . .	.10
211 ** <i>Marguerite</i> ( <i>Carnation Marguerite</i> ). Splendid, new variety, nearly all coming double. Their blooming in four months from seed makes them very valuable. The seed we offer are the semi-dwarf, which are better than the tall . . . . .	.25

*Dianthus Barbatus* (*Sweet William*). Free-flowering, hardy biennials; very effective in clumps or borders; 1 foot.

212 ** <i>Alba, fl. pl.</i> Double white . . . . .	.15
213 ** <i>Nigrescens</i> . Beautiful dark sort . . . . .	.15
214 ** <i>Oculata</i> . Excellent variety mixed. Ounce, \$3.50 . . . . .	.15
215 ** <i>Oculata Marginata</i> ( <i>Hunt's Perfection</i> ). Splendid strain, mixed . . . . .	.15
216 ** <i>Double</i> . Mixed; very fine . . . . .	.10
217 ** <i>Single</i> . Mixed; best . . . . .	.10

## DICTAMNUS.

A hardy perennial, fragrant, free-flowering, herbaceous plant, suitable for mixed borders; thriving in any common soil; producing racemes of flowers often 1 foot in length.

218 * <i>Fraxinella Alba</i> . Pure white . . . . .	.05
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## DIGITALIS. Foxglove.

A handsome and highly ornamental, hardy perennial plant, of stately growth; fine for shrubberies and other half-shady places; 3 feet.

219 * <i>Ivery's New Spotted</i> . Fine strain . . . . .	.05
220 * <i>Splendid Mixed</i> . . . . .	.10

**DODECATHEON.**

Light purple flowers; hardy, herbaceous perennial; 1 foot.

		Pkt.
221	* <i>Media American Cowslip</i> . Perennial . . . . .	.10
222	* <i>Clevelandi</i> ( <i>Giant American Cowslip</i> ). Perennial . . . . .	.10

**DOLICHOS. Hyacinth Bean.**

Attractive climbing annual, flowering in clusters.

223	* <i>Lablab</i> . Mixed colors. Ounce, 30 cents . . . . .	.05
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**ECHEVERIA.**

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost.

224	* <i>Metalica</i> . . . . .	.25
225	* <i>Hybrids</i> . Splendid mixed . . . . .	.15

**ERYTHRINA. Coral Tree.**

Very handsome, half-hardy shrubs, with scarlet flowers in long clusters; 3 feet.

226	* <i>Crista-Galli</i> . . . . .	.20
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**ESCHSCHOLTZIA.**

Very attractive plants for beds, edgings, or masses; profuse flowering and fine cut foliage in bloom from June till frost; hardy annuals; 1 foot.

227	* <i>Californica</i> . Yellow, with orange centre. Ounce, 30 cents . . . . .	.05
228	* <i>Crocea</i> . Orange. Ounce, 40 cents . . . . .	.05
229	** <i>Fl. Pl.</i> Double, dark . . . . .	.05
230	* <i>Mandarin</i> . Splendid large flowers; scarlet outside, orange inside . . . . .	.05
231	* <i>Rose Cardinal</i> . Rose. Ounce, 50 cents . . . . .	.05
232	* <i>Mixed</i> . Ounce, 30 cents . . . . .	.05

**EUPATORIUM.**

Hardy, herbaceous perennial, with fine, white flowers; charming for bouquets; 1½ feet.

233	* <i>Fraseri</i> . . . . .	.05
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**EUPHORBIA.**

A fine annual for borders, with white and green bracts. Excellent for cutting; 1½ feet.

234	* <i>Variegata</i> . Ounce, 40 cents . . . . .	.05
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**EXACUM.**

Charming biennial species, forming dense bushes 6 inches high, with clusters of violet-purple, fragrant flowers. Blooms the first year. Half-hardy.

235	* <i>Affine</i> . . . . .	.15
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**FENZLIA.**

Lovely little annual, with rosy-lilac flowers; in bloom till frost; ¼ foot.

236	* <i>Dianthiflora</i> . . . . .	.10
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**FERNS.**

Stove and greenhouse, including gold and silver varieties.

237	* <i>Finest Mixed</i> . . . . .	.20
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**FUCHSIA.**

A well-known plant of easy culture, for the house or shady situation in the garden; the seed we offer is saved from the finest single and double named varieties.

	Pkt.
238 *Double. Mixed . . . . .	.25
239 *Single. Mixed . . . . .	.25

**GAILLARDIA.**

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers. continuing in bloom during the summer and autumn; half-hardy annuals; 1½ feet.

240 *Amblyodon. Fine red; annual. Ounce, 50 cents . . . . .	.05
241 *Lorenziana, Double. One of the most useful annuals, both for bedding and cutting; varies in color from sulphur-yellow to purple. Fine mixed. Ounce, \$1.00 . . . . .	.05
242 *Picta. Yellow . . . . .	.05
243 *Mixed Annual Varieties. Ounce, 40 cents . . . . .	.05
244 *Grandiflora. Perennial. Mixed; 2 feet . . . . .	.05

**GAZANIA.**

Excellent plants for vases, edgings or beds. They are constantly in bloom and are very showy.

245 *Splendens. Rich orange. black centre . . . . .	.15
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**GENTIANA.**

A charming hardy perennial which blooms early in May. The dwarf sorts are excellent for edgings, etc.

246 *Acaulis ( <i>The Blue Gentian</i> ). Flowers rich blue; 6 inches . . . . .	.10
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**GERANIUM.**

247 \*Apple-Scented (*Pelargonium odoratissimum*). This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate . . . . .

248 *Large Flowering Show. Mixed . . . . .	.50
249 *Tom Thumb. Finest mixed . . . . .	.50
250 *Zonale. A superb strain of the largest and finest varieties; mixed colors . . . . .	.15

**GESNERIA.**

A beautiful hot-house, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich, peaty soil; choice varieties; 2 feet.

251 *Mixed . . . . .	.25
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**GEUM.**

Beautiful hardy perennial, bearing profusely large, showy flowers all through the summer; an elegant flower for bouquets.

252 *Atrococcineum. Scarlet . . . . .	.10
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**GILIA.**

Early, free-blooming, hardy annuals, of very showy appearance; 1 foot.

253 *Mixed All varieties and colors . . . . .	.05
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**GLAUCIUM. Horn Poppy.**

• An ornamental foliage plant, with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial; 2 feet.

	Pkt.
254 * <i>Corniculatum</i> . Ounce, 75 cents . . . . .	.05

**GLOXINIA.**

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into shallow pots to grow through summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring re-pot and water freely; will blossom second season. Stove perennial bulbs.

255 * <i>Grandiflora Crassifolia Erecta</i> . Large, upright flowers. Mixed. Finest in cultivation . . . . .	.50
256 * <i>Hybrida</i> . Mixed . . . . .	.50
257 * <i>Defiance</i> . Intense glowing crimson scarlet; erect, velvety, perfectly beautiful . . . . .	.40

**GNAPHALIUM. Edelweiss.**

Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mould, and should be kept cool and moist.

258 * <i>Leontopodium</i> . . . . .	.25
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**GODETIA.**

An attractive, hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors; 1½ feet.

259 * <i>Duchess of Albany</i> . Pure white . . . . .	.05
260 * <i>Lady Albemarle</i> . Large, crimson rose . . . . .	.05
261 * <i>The Bride</i> . White, carmine centre . . . . .	.05
262 * <i>Mixed</i> . . . . .	.05

**GOMPHRENA GLOBOSO. Globe Amaranth.**

Very handsome annuals, with everlasting flowers; excellent for winter bouquets. Start in heat; 2 feet.

263 * <i>Alba</i> . Ounce, 30 cents . . . . .	.05
264 * <i>Rubra</i> . Ounce, 30 cents . . . . .	.05
265 * <i>Mixed</i> . Ounce, 30 cents . . . . .	.05

**GOURD, ORNAMENTAL.**

Rapid growing, interesting plants with ornamental foliage, and varieties of singular shaped fruit; tender annuals; 15 to 20 feet.

266 * <i>Bottle-Shaped</i> . . . . .	.05
267 * <i>Dipper</i> . . . . .	.15
268 * <i>Hercules Club</i> . Club-shaped; 4 feet long . . . . .	.05
269 * <i>Nest Egg</i> . Fruit white, like an egg . . . . .	.05
270 * <i>Mixed</i> . Ounce, 40 cents . . . . .	.05

**GREVILLEA.**

Fine, ornamental, greenhouse plant, much used for table decoration. Perennial; 3 feet.

271 * <i>Robusta</i> . . . . .	.10
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**GYPSOPHILA.**

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings and borders succeeding in any garden soil.

272 * <i>Elegans, White.</i> Hardy annual . . . . .	Pkt	.05
273 * <i>Paniculata.</i> White flowers, fine for bouquets; hardy perennial; 2 feet . . . . .		.05

**HEDYSARUM. French Honeysuckle.**

Showy, hardy perennial plants, suitable for borders; 2 feet.

274 * <i>Mixed Colors</i> . . . . .		.05
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**HELIANTHUS. Sunflower.**

The stately growth, bold outline, and massive flowers of the old favorites, render them very desirable for the mixed border and distant effect.

275 * <i>Californicus, fl. pl.</i> Double, yellow; 7 feet. Ounce, 30 cents . . . . .		.05
276 * <i>Cucumerifolius.</i> Habit branching and dwarf; covered throughout the season with small, yellow, dark-centered flowers, about 2 inches in diameter; 3 feet . . . . .		.10
277 * <i>Giant Russian.</i> Large, single, yellow. Ounce, 15 cents . . . . .		.05
278 * <i>Globosus Fistulosus, fl. pl.</i> Double, deep yellow, globe-shaped. Very fine; 7 feet . . . . .		.05
279 * <i>Nana, fl. pl.</i> Dwarf, very double. Ounce, 40 cents . . . . .		.05
280 * <i>Nana Foliis Variegatis.</i> Foliage green and yellow, very ornamental. Ounce, 40 cents . . . . .		.05
281 * <i>Oscar Wilde.</i> Tall, single; dark centre; 7 feet. . . . .		.05

**HELICHRYSUM. Everlasting Flower.**

Attractive, hardy annuals, blooming till frost. Very useful for dried flowers in winter, when picked and dried before being fully expanded.

282 * <i>Album, fl. pl.</i> . . . . .		.05
283 * <i>Roseum, fl. pl.</i> . . . . .		.05
284 * <i>Monstrosum.</i> Mixed, double . . . . .		.05

**HELIOTROPE.**

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

285 * <i>Mixed</i> . . . . .		.10
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**HELIPTERUM.**

Fine, yellow everlasting flower, succeeds best in light, dry, rich soil. Annual; 1 foot.

286 * <i>Sanfordi</i> . . . . .		.05
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**HIBISCUS.**

Large, cream-colored flowers with a brown centre; hardy annual; 1½ feet.

287 * <i>Africanus</i> . . . . .		.05
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**HOLLYHOCK.**

Few hardy plants combine as many good qualities, or lend themselves as readily to varied uses, as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among the shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved, that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. The seed we offer is saved from the very best double flowers of pure and bright colors. Seeds sown during the summer make strong blooming plants for the following year.

288 * <i>Chater's Superb English.</i> Mixed, double . . . . .		.25
289 * <i>German Double.</i> Mixed . . . . .		.10

## HUMEA.

Graceful and ornamental plants for pots or summer gardens. Rose color. Half-hardy biennial; 5 feet.

	Pkt.
290 *Elegans . . . . .	.10

## HUMULUS. *Japanese Hop.*

A very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense and in color a lively green. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat, but retains its fresh color until late in the autumn.

291 *Japonicus . . . . .	.10
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## ICE PLANT. *Mesembryanthemum.*

Curious and pretty annual, with thick succulent, sparkling leaves. Very useful for garnishing. Dwarf, trailing habit;  $\frac{1}{3}$  foot.

292 *Ice Plant . . . . .	.05
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## IMPATIENS.

New, perennial Balsam, producing almost incessantly, numerous bright-rose flowers, an inch or more in diameter. One of the best of recent introductions; start in heat; of easy culture.

293 *Sultani. Rose . . . . .	.10
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## IPOMAEA.

A splendid genus of twining plants, with handsome, showy flowers of white, pink, blue and purple colors. Useful for covering trellises, arbors, etc.; 8 feet.

294 *Coccinea ( <i>Star Ipomaea</i> ). Beautiful, small, scarlet flowers . . . . .	.05
295 *Leari. Magnificent, large, dark-blue flowers; splendid climber . . . . .	.15
296 *Finest Mixed ( <i>Mornin' Glory</i> ) . . . . .	.05
297 *Bona Nox ( <i>Evening Glory</i> ). Very large, pale-lilac flowers. Opens in the evening . . . . .	.05

**Quamoclit** (*Cypress Vine*). Well-known twining annual, with beautiful fern-like foliage and very bright flowers.

298 *Scarlet. Ounce, 40 cents . . . . .	.05
299 *White . . . . .	.05
300 *Mixed. Ounce, 40 cents . . . . .	.05

## KAULFUSSIA.

Desirable compact dwarf free-flowering plants, resembling single Asters; hardy annual; 6 inches.

301 *Mixed. Blue, crimson, rose, etc. . . . .	.05
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## LANTANA.

Excellent, very free-flowering plants for pot culture or bedding. Verbena-like flower-heads; large variety of colors. Half-hardy perennial.

302 *Hybrida. Mixed . . . . .	.05
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## LAPAGERIA.

A fine herbaceous climber, with large, elegant, tubular, bright rose flowers.

303 *Rosea . . . . .	.50
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**LARKSPUR.**

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annual.

	Pkt.
304 *Candelabra Flowered. Dwarf, double. Mixed; 1 foot . . . . .	.05
305 *Rocket. Dwarf, double. Mixed; 1 foot. Ounce, 30 cents . . . . .	.05
306 *Rocket. Tall, double. Mixed. Ounce, 30 cents . . . . .	.05

**LATHYRUS. Everlasting Pea.**

Free-flowering, climbing perennials of great beauty; perfectly hardy.

307 *Latifolius. Mixed . . . . .	.05
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**LAVANDULA. English Lavender.**

Largely grown for the sake of its delicious perfume. Hardy perennial; 2 feet.

308 *Spica. Ounce, 25 cents . . . . .	.05
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**LAYIA.**

A pretty and attractive little hardy annual that ought to be more generally grown, if only for cut-flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced.

309 *Elegans . . . . .	.10
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**LEPTOSIPHON.**

Elegant hardy annuals; the French varieties now offered are very fine; 1 foot.

310 *Hybridus . . . . .	.05
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**LINARIA. Kentucky Ivy.**

Valuable trailing plant with neat foliage and small, blue flowers; perennial.

311 *Cymbalaria . . . . .	.10
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**LINUM. Flowering Flax.**

One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems.

312 *Grandiflorum Rubrum. Very pretty, dark scarlet flower; one of the best hardy annuals; 1 foot . . . . .	.05
313 *Perenne. Perennial varieties mixed; 1½ feet . . . . .	.05

**LOBELIA.**

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November; half-hardy annuals. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in the autumn.

314 *Crystal Palace Compacta. Rich deep blue; the finest for bedding . . . . .	.10
315 *Emperor William. A very compact variety, with fine sky-blue flowers . . . . .	.10
316 *White Gem. Forms a perfect ball of snow-white flowers; very charming appearance . . . . .	.15
317 *Gracilis. Light blue, spreading . . . . .	.05
318 *Paxtoniana. Pure white with blue edge . . . . .	.05
319 *Cardinalis (Cardinal Flower). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet . . . . .	.10

**LOPHOSPERMUM.**

Highly ornamental and effective for the garden or conservatory, with showy, fox-glove-like flowers; requires a light, rich soil; half-hardy annual; 10 feet.

	Pkt.
320 *Scandens. Rosy purple . . . . .	.10

**LUNARIA. *Honesty.***

The seed vessels are flat, broad and transparent, and are handsome in bouquets of dried flowers. Hardy biennial; 2 feet.

321 *Biennis . . . . .	.05
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**LUPINUS.**

Ornamental free-flowering easily grown garden plants, with long, graceful spikes of rich and varied-colored pea-shaped flowers; valuable for mixed flower borders and beds. The seeds should be sown where they are to bloom, as they do not transplant well.

322 *Mixed. Annuals . . . . .	.05
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**LYCHNIS. *Ragged Robin.***

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.

323 *Chalcedonica. Scarlet; 2 feet . . . . .	.05
324 **Alba. Pure white; 2 feet . . . . .	.05

**MALOPE.**

Handsome, free-flowering, hardy annual, with large flowers. 3 feet.

325 *Grandiflora. Mixed. Ounce, 30 cents . . . . .	.05
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**MALVA.**

Tall-growing, hardy annual, with pretty, curled foliage; flowers white; 4 feet.

326 *Crispa. White . . . . .	.05
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**MANDEVILLEA.**

Very fine climber, with clusters of white, deliciously fragrant flowers; suitable for greenhouse or summer garden. Perennial. Light loam.

327 *Suaveolens. White . . . . .	.05
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**MARIGOLD.**

A well-known free-flowering plant, of easy culture, with rich and beautiful double various-colored flowers. The African is the best for large beds; the French for small beds or as foreground for taller plants; half-hardy annuals. See also Calendula.

328 *Patula Nana Pulchra. Petals golden tipped with brown; fine double. Ounce, 40 cents . . . . .	.05
329 *Signata Pumila. Admirable bedding plant, with graceful, finely cut foliage; covered till fall with pretty, yellow flowers; 1 foot. Ounce, 50 cents . . . . .	.05
330 *Mixed. Dwarf French. Ounce, 50 cents . . . . .	.05
331 *El Dorado. Finest and largest of all African Marigolds; splendid mixed Ounce, \$1.00 . . . . .	.10
332 *Lemon. Large, double; very fine. Ounce, 40 cents . . . . .	.05
333 *Lemon Quilled. Double. Ounce, 40 cents . . . . .	.05
334 *Orange. Double. Ounce, 40 cents . . . . .	.05
335 *Mixed. African tall varieties. Ounce, 40 cents . . . . .	.05

**MATHIOLA. Fragrant Evening Stock.**

Flowers partially closed till towards evening, when they open. Pink and lilac. Hardy annual. 1 foot.

336 \***Bicornis** . . . . . Pkt. .05

**MAURANDYA.**

Exceedingly ornamental, evergreen, twining plants; very effective for house, greenhouse or summer-garden decoration on wires, fences, etc. Flower the first year from seed. Half-hardy perennials. 8 feet.

337 \***Mixed.** Splendid . . . . . .10

**MESEMBRYANTHEMUM.**

Pretty, dwarf, hardy annual, suitable for dry situations; rose, white and purple flowers.  $\frac{1}{4}$  foot.

338 \***Tricolor** . . . . . .05

**MIGNONETTE.**

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

339 \***Large-flowering Fragrant.** Very sweet.  $\frac{3}{4}$  foot. Ounce, 15 cents . . .05

340 \***Golden Queen.** Golden yellow flowers of dense pyramidal growth. Ounce, 50 cents . . .10

341 \***Machet.** New; the best for pot culture; splendid long spikes; very sweet. Ounce, \$1.00 . . .10

342 \***Parson's White.** Large spikes, pure white and very fragrant Ounce, 50 cents . . .10

343 \***Miles' Hybrid Spiral.** Of dwarf branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes. Ounce, 50 cents, .10

344 \***Victoria.** Bearing large and compact trusses of deep-red flowers. Ounce, 50 cents . . .10

**MIMULUS.**

Beautiful and profuse blooming, dwarf, half hardy perennial plants, which delight in moist, shady situations; bloom the first year.

345 \***Tigrinus, Queen's Prize.** Large flowering varieties. Very fine . . . 10

346 \***Moschatus. (Musk Plant).** Yellow. Very free.  $\frac{1}{2}$  foot.  $\frac{1}{2}$  ounce, 60 cents . . .10

**MIMOSA. Sensitive Plant.**

Remarkably curious; the pretty, fern-like branches drooping and closing for several minutes when touched. Annual. 2 feet.

347 \***Pudica** . . . . . .05

**MINA LOBATA.**

Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February.

348 \***Mina Lobata** . . . . . .10

**MIRABILIS. Four O'Clock.**

Very ornamental plants for borders. Flowers numerous, large and showy till frost. Keep the roots over winter like Dahlias. Tender perennials. Bloom the first year.

349	*Finest Mixed.	2 feet.	Ounce, 20 cents	Pkt.	.05
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**MOMORDICA.**

Very curious trailing vines, with ornamental foliage; fruit golden yellow, warted, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for rock-work, stumps, etc.; half-hardy annual; 10 feet.

350	*Balsamina.	Apple-shaped fruit.	Ounce, 50 cents	.05
351	*Charantia.	Pear-shaped fruit.	Ounce, 50 cents	.05

**MUSA.**

A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse.

352	*Ensete ( <i>Abyssinian Banana</i> ).	Tender perennial	.20
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**MYOSOTIS. Forget-me-not.**

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.

353	*Compacta Aurea.	Dwarf, golden leaved, bright blue flowers,	splendid	.15
354	*Dissitiflora.	Blue. Very early flowering.	Admirable for beds; $\frac{1}{2}$ foot	.10
355	*Palustris ( <i>True Forget-me-not</i> ).	Dark blue, beautiful.	Ounce, \$3 00	.10
354	*Robusta Grandiflora ( <i>Eliza Fonrobert</i> ).	Large flowering, pyramidal habit,	extra fine. Ounce, \$2.00	.10
357	*Alpestris Alba.	Pure white; 6 inches		.10

**NASTURTIUM.**

One of our showiest and most popular annuals, forming compact plants, not over 1 foot high, making gorgeous masses of color from early summer until killed by frost; succeeding under all weathers and conditions and unsurpassed for garden decoration.

**TOM THUMB OR BEDDING.**

358	*Beauty.	Yellow and scarlet.	Ounce, 25 cents	.05
359	*Cloth of Gold.	Scarlet flower and yellow foliage.	Ounce, 40 cents	.10
360	*Crystal Palace Gem.	Sulphur yellow, spotted maroon.	Ounce, 25 cents	.05
361	*Empress of India.	Very fine, dark, brilliant crimson; dark foliage; extra.	Ounce, 40 cents	.05
362	*Golden King.	Deep yellow.	Ounce, 30 cents	.05
363	*King Theodore.	Dark crimson; extra fine; dark foliage.	Ounce, 30 cents.	.05
364	*King of Tom Thumbs.	Crimson scarlet with dark foliage.	Ounce, 25 cents,	.05
365	*Lady Bird.	Yellow, barred with ruby crimson; beautiful.	Ounce, 40 cents,	.05
366	*Pearl.	Nearly white.	Ounce, 25 cents	.05
367	*Rose	Ounce, 25 cents		.05
368	*Ruby King.	Wine colored.	Ounce, 25 cents	.05
369	*Yellow.	Canary yellow.	Ounce, 25 cents	.05
370	*Mixed Finest.	Pound, \$1.75; ounce, 25 cents		.05

**TALL OR CLIMBING VARIETIES.**

Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost; 6 to 10 feet.

371	*Chocolate.	Ounce, 15 cents	.05
372	*Crimson.	Ounce, 15 cents	.05
373	*Dunnett's Orange	Ounce, 15 cents	.05

**NASTURTIUM, TALL OR CLIMBING** — Continued.

	Pkt.
374 * <b>King Theodore.</b> Ounce, 25 cents . . . . .	.05
375 * <b>Pearl.</b> Ounce, 50 cents . . . . .	.10
376 * <b>Purple Violet.</b> Ounce, 15 cents . . . . .	.05
377 * <b>Rose.</b> Ounce, 25 cents . . . . .	.05
378 * <b>Scarlet.</b> Ounce, 15 cents . . . . .	.05
379 * <b>Straw Color Spotted.</b> Ounce, 15 cents . . . . .	.05
380 * <b>Yellow.</b> Ounce, 15 cents . . . . .	.05
381* <b>Mixed Finest.</b> Pound, \$1.50; ounce, 20 cents . . . . .	.05

**NEMOPHILA.**

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annual.

382 * <b>Mixed Varieties.</b> Ounce, 30 cents . . . . .	.05
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**NERTERA.** *Coral Plant.*

Charming dwarf plants for pots. Forms a compact, green mat, on which appear numerous pea-shaped, coral-red berries. Tender perennial; 2 inches.

383 * <b>Depressa</b> . . . . .	.20
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**NICOTIANA.**

Very ornamental-foliaged plant, producing a succession of large, pure-white, sweetly fragrant flowers. Of easy cultivation. Annual; 2 feet.

384 * <b>Affinis</b> . . . . .	.05
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**NIEREMBERGIA.**

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

385 * <b>Frutescens.</b> White tinted with lilac . . . . .	.05
386 * <b>Gracilis</b> . . . . .	.05

**NIGELLA.**

A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot.

387 * <b>Damascena</b> ( <i>Devil-in-a-Bush</i> ). Blue, double . . . . .	.05
388 * <b>Hispanica</b> ( <i>Love-in-a-Mist</i> ). Blue . . . . .	.05

**NYCTERINIA.**

Neat and compact, profuse blooming annuals; very fragrant.

389 * <b>Capensis.</b> White, with yellow centre . . . . .	.05
390 * <b>Selaginoides.</b> Pink, with yellow centre. $\frac{1}{2}$ foot . . . . .	.05

**OENOTHERA.**

A showy class of hardy plants, suitable for rockeries, flower borders, etc.

391 * <b>Mixed.</b> Annual varieties . . . . .	.05
392 * <b>Biennis</b> ( <i>Yellow Evening Primrose</i> ). Hardy biennial . . . . .	.05

## OXALIS.

Beautiful small plants, suitable for the greenhouse, rock-work, baskets or outdoor culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

	Pkt.
393 *Alba. Pure white . . . . .	.10
394 *Rosea. Rose-colored . . . . .	.10
395 *Tropæoloides ( <i>Corniculata Purpurea</i> ). Unsurpassed for carpet-bedding; flowers yellow, foliage purple-brown; dense, and of uniform dwarf habit. Hardy annual. $\frac{1}{2}$ foot. Ounce, \$1.75 . . . . .	.10

## PANSIES.

This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure.

396 *Superb Mixture. The finest in great variety. $\frac{1}{2}$ ounce, \$2.50 . . . . .	.50
397 *Bugnot's Superb Blotched. A beautiful new class with extra large flowers in great diversity of colors . . . . .	.50
398 *Cassier's. Of almost unrivalled size and brilliancy; most beautifully and wonderfully marked with every variety of color and shade. Mixed . . . . .	.20
399 *Emperor William. Large handsome flowers borne in great profusion well above the foliage, brilliant ultramarine blue, with a purple violet eye. Ounce, \$2.00 . . . . .	.10
400 *English Show. Very fine, large variety; mixed. Ounce, \$6.00 . . . . .	.25
401 *Fawn Color. Soft. Ounce, \$2.00 . . . . .	.10
402 *Faust ( <i>King of the Blacks</i> ). Almost black; the darkest Pansy known. Ounce, \$2.00 . . . . .	.10
403 *Lord Beaconsfield. A splendid sort; flowers deep purple violet, shading to white on the upper petals. Ounce, \$2.00 . . . . .	.10
404 *Peacock. A striking variety; the form and substance of the flower is very perfect, the upper petals being of a beautiful ultramarine blue, resembling in shade the peacock feather, while the lateral and lower petals are of a deep claret, with white margins . . . . .	.25
405 *White. Ounce, \$2.00 . . . . .	.10
406 *Mixed. Finest. Ounce, \$2.00 . . . . .	.10
407 *Mixed Ounce, \$1.25 . . . . .	.05

## PAPAVER, OR POPPY.

Very showy, free-blooming and easily cultivated plants, with large, brilliant colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain, as they will not bear transplanting; 1 to 2 $\frac{1}{2}$  feet.

### ANNUAL VARIETIES.

408 *Cardinal. This is a most attractive double Poppy and is quite distinct. The plant grows 18 inches high, with 10 to 12 enormous very double flowers of glowing scarlet on white ground. Hardy. One of the finest novelties of the season and sure to attract attention . . . . .	.15
409 *Carnation Flowered. Mixed. Large, showy flowers in great variety of color. Hardy; 2 feet. Ounce, 25 cents . . . . .	.05
410 *Danebrog. Brilliant scarlet, single flowers, with white cross in centre; 2 feet . . . . .	.05
411 *Glaucaum ( <i>Tulip Poppy</i> ). A very handsome new variety in the form of a Tulip. Very free-flowering; vivid scarlet. . . . .	.20

**PAPAVER, OR POPPY, ANNUAL VARIETIES — Continued.**

	Pkt.
412 * <i>Lævigatum</i> . Deep scarlet with black spots; white margin at the base of each petal. The flowers last a long time even when cut; the plants bloom continually till frost; splendid . . . . .	.10
413 * <i>Mikado</i> . Of quaint, yet artistic beauty. The long, narrow petals are cut and fringed very prettily; the flowers are most attractive, being white, while the fringed edges are crimson . . . . .	.10
414 * <i>Pavoninum</i> ( <i>Peacock Poppy</i> ). Grows only a foot high, and throws up numerous stems, each bearing a cluster of flowers. These are bright scarlet, with a ring of shining blue-black near the base . . . . .	.10
415 * <i>Ranunculus Flowered</i> ( <i>African Rose</i> ). Double, mixed, in great variety; 2 feet . . . . .	.05
416 * <i>Shirley</i> . This beautiful strain of hardy annual Poppy has elicited general admiration. The flowers are large, graceful and elegant; either single or semi-double; colors pure, soft and varied. . . . .	.10
417 * <i>The Bride</i> . A beautiful new variety, with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water they will last a long time . . . . .	.10
418 * <i>Umbrosium</i> . A new variety, producing flowers of the richest vermilion, with a deep shining black spot on each petal . . . . .	.10
419 * <i>White Swan</i> . A splendid new variety with immense double flowers, beautifully fringed and of purest white . . . . .	.10

**PERENNIAL VARIETIES.**

420 * <i>Alpinum</i> . Mixed. Charming; hardy; low growing . . . . .	.15
421* <i>Bracteatum</i> . Red; 2½ feet . . . . .	.05
422 * <i>Croccum</i> . Orange; hardy; 1 foot . . . . .	.05
423 * <i>Nudicaule</i> ( <i>Iceland Poppy</i> ). Very showy, hardy; mixed . . . . .	.05
424 * <i>Orientele, Ware's</i> . Superb scarlet flowers with dark centre; often 6 inches across; 3 feet . . . . .	.10

**PASSIFLORA. *Passion Flower.***

Greenhouse, twining plants, with large, showy flowers. Start the seeds in a moist heat.

425 * <i>Cæruleo</i> . Blue. Will run 30 feet . . . . .	.10
426 * <i>Coccinea</i> . Scarlet; in clusters . . . . .	.10

**PENTSTEMON.**

Beautiful perennial plants with splendid spikes of large flowers; protect in winter; 2 feet.

427 * <i>Mixed</i> . New hybrids . . . . .	.10
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**PERILLA.**

Ornamental, purplish-foliaged plants for flower garden decoration. Hardy annuals; 1½ feet.

428 * <i>Nankinensis</i> . . . . .	.05
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**PETUNIA.**

429 * <i>Nana Compacta Multiflora</i> . New, dwarf, inimitable; striped flowers; extra fine; 5 inches in height. Ounce, \$6.00 . . . . .	.10
430 * <i>Striped and Blotched</i> . Very fine; free-flowering; mixed. Ounce, \$2.00 . . . . .	.05
431 * <i>White</i> . Ounce, \$1.50. . . . .	.05
432 * <i>Mixed, Finest</i> . Ounce, \$3.00 . . . . .	.10
433 * <i>Mixed</i> . Ounce, \$1.00. . . . .	.05
434 * <i>Grand fl. pl.</i> Large flowering, double; finest varieties, mixed . . . . .	.50
435 * <i>Grand fl. pl. Fimb.</i> Large flowering, double fringed; mixed . . . . .	.70
436 * <i>Grand S. Fimb</i> Large flowering, single fringed; mixed . . . . .	.35
437 * <i>Grand Striata</i> . Large flowering, single striped and blotched; mixed . . . . .	.20

**PHACELIA.**

Large and numerous satiny-blue flowers; plant of fine, erect form. Blooms in 9 weeks after sowing. Annual. 1/2 foot.

438 *Campanularia . . . . .	Pkt.
	.10

**PHASAEOLUS.**

An exquisitely beautiful twining plant, well suited to the garden in the summer, and greenhouse in winter. Flowers lilac, in clusters; sweetly fragrant and orchid-like. Start in heat.

439 *Caracalla . . . . .	.10
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**PHLOX DRUMMONDI.**

There can be no stronger proof of the value and beauty of this than the extent to which it is grown. For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. 1 1/2 feet high.

440 *Coccinea. Scarlet. Ounce, \$1.50 . . . . .	.05
441 *Rosea. Rose. Ounce, \$1.50 . . . . .	.05
442 *White. Ounce, \$1.50 . . . . .	.05
443 *White, double . . . . .	.10
444 *Graf Gero. Charming dwarf strain for pots, vases, etc. Mixed . . . . .	.10
445 *Cuspidata ( <i>Star of Quedlinburg</i> ). Beautiful distinct annual variety. The flowers are deeply serrated and petals pointed, giving it a star-like appearance. Mixed . . . . .	.10
446 *Mixed, Grandiflora. Very fine and large . . . . .	.10
447 *Mixed . . . . .	.05
448 *Decussata Nana. Dwarf perennial, mixed . . . . .	.30
449 *Decussata Major. Tall perennial, mixed . . . . .	.10

**PORTULACA.**

Brilliant dwarf annuals, only 6 inches high, luxuriating in warm situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

450 *White, Grand, fl. pl. Large double white . . . . .	.15
451 *Mixed, Grand, fl. pl. Large double mixed . . . . .	.10
452 *White, Grand, Single. Single large flowering white . . . . .	.05
453 *Mixed, Grand, Single. Single large flowering mixed. Ounce, 75 cents . . . . .	.05

**POTENTILLA.**

Showy, hardy perennial plants for borders; they succeed best grown in deep, sandy loam, and when well grown are beautiful, remaining long in bloom; 1 1/2 feet.

454 *Double. Finest mixed . . . . .	.10
455 *Single. Finest mixed . . . . .	.05

**PRIMULA SINENSIS. Chinese Primrose.**

The "Chinese Primrose" is a great favorite for the house and conservatory. The foliage is pretty and attractive, and the flowers 1 1/2 to 2 inches across, borne in clusters of from 25 to 50, of perfectly charming colors and borne all through the winter and spring. One of our best pot plants.

456 *Alba. White; very fine . . . . .	.50
457 *Alba Magnifica. Splendid variety; pure white flowers, with large, bright yellow eye; each petal finely fringed. Fine habit . . . . .	.50
458 *Chiswick Red. Crimson-scarlet; splendid habit; remarkably large, fringed flowers . . . . .	.50

## PRIMULA SINENSIS — Continued.

	Pkt.
459 *Meteor. Large, fringed flowers; crimson, with yellow eye; distinct . . . . .	.50
460 *Rubra Fimbriata. Very handsome . . . . .	.50
461 *Mixed, Finest . . . . .	.50
462 *Mixed, Good . . . . .	.25
463 *Auricula. Very fine variety; mixed. . . . .	.25
464 *Japonica. Beautiful, distinct variety; mixed . . . . .	.10
465 *Obconica. New, evergreen, half-hardy plant, blooming during eight months of the year. Flowers white, with a tinge of lilac, produced on stems 9 inches high. Succeeds well in a cool greenhouse; one of the most popular flowers for cutting, and for house culture . . . . .	.25
466 *Elator Duplex ( <i>Hose-in-Hose</i> ). Beautiful, dwarf, early spring flowering plants; slight protection in winter; cool, shady situation . . . . .	.15
467 **Gold Laced. Flowers edged with golden yellow; mixed . . . . .	.15
468 *Veris ( <i>Cowslip</i> ). Dwarf, early flowering perennial. Treat about the same as Pansies; mixed . . . . .	.10

## PYRETHRUM.

Handsome herbaceous plants of easy culture. P. Aureum is the well-known Golden Feather so much used for carpet bedding, edging, etc. P. Hybridum and varieties are amongst the handsomest of hardy flowering herbaceous plants.

469 *Aureum ( <i>Golden Feather</i> ). Bright yellow foliage. Ounce, \$1.00 . . . . .	.10
470 *Golden Gem. A valuable bedding plant, producing large double white flowers, which continue in bloom from May until killed by frost. The leaves are brighter than the old Golden Feather; 1 foot . . . . .	.10
471 *Selaginoides. An improved Golden Feather. The foliage is deeply cut and fringed, and of a rich golden-yellow color; 4 inches . . . . .	.10
472 *Hyb. Album, fl. pl. Double; large flowering white . . . . .	.05
473 *Hyb. Roseum, fl. pl. Hardy perennial; one of the prettiest and best of hardy plants; 2 feet . . . . .	.20

## RHODANTHE.

Charming, everlasting flowers of neat, compact habit; excellent for drying for winter bouquets; should be cut before fully expanded; annuals; 1 foot.

474 *Maculata Alba, fl. pl. White, double . . . . .	.05
475 *Rõsea, fl. pl. Double; rosy carmine, rosette-like flowers . . . . .	.10
476 *Manglesi. Pink . . . . .	.05

RICINUS. *Castor Oil Plant.*

Stately, quick-growing, ornamental plants of tropical origin, with beautiful foliage and colored fruit. Effective as single specimens. Tender annuals; start in heat.

477 *Borboniensis Arboreus. Tallest, 15 feet. Ounce, 30 cents . . . . .	.05
478 *Cambodgensis. Of great value in border decoration, and for single specimens. The main stem and leaf-stalks are of shining ebony-black; leaves large, palmate and richly colored . . . . .	.15
479 *Gibsoni. Dwarf, branching habit, deep red foliage; 5 feet . . . . .	.05
480 *Sanguineus. One of the finest, with deep-red foliage; 8 feet. Ounce, 30 cents . . . . .	.05
481 *Mixed Varieties. Ounce, 25 cents . . . . .	.05

## RIVINA.

With charming racemes of small, scarlet berries. Ornamental evergreen pot plant. Tender annual; 2 feet.

482 *Humilis . . . . .	.10
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ROCKET. *Hesperis.*

Well-known, fragrant, early-flowering, hardy perennials. Succeed well in common garden soil; 1½ feet.

483 *Matronalis. Purple . . . . .	.05
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**RUDBECKIA.**

Yellow. Showy, hardy, herbaceous perennial, doing well in common garden soil; 3 feet.

	Pkt.
484 *Amplexicaulis . . . . .	.05

**SALPIGLOSSIS.**

Very elegant, fall-blooming plants, with beautifully-penciled, funnel-shaped, lily-like, large flowers. The fine, new strain of which we offer seed is charming. Of easy culture. Half hardy annuals.

485 *Dwarf, Large Flowering. Mixed . . . . .	.10
486 *Tall, Large Flowering. Mixed . . . . .	.10

**SALVIA.**

Splendid plants for vases, borders, beds, etc. Seeds should be started early, in heat.

487 *Coccinea. Scarlet. Annual. 2 feet . . . . .	.05
488 *Patena. Charmingly beautiful species. Flowers deep-blue, splendid shade. Annual. 2 feet . . . . .	.20
489 *Splendens Compacta. Scarlet, early blooming. 2 feet . . . . .	.15
490 *Splendens. Finest scarlet. One of the best ornamental, fall-blooming plants. 3 feet. Ounce, \$2.50 . . . . .	.10

**SANVITALIA.**

Pretty, profuse-flowering, hardy annual of trailing habit.

491 *Procumbens, fl. pl. Double, yellow . . . . .	.10
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**SAPONARIA.**

Charming, neat dwarf, hardy annual for beds, flowering all the season. Succeeds best in moist, cool situations. 1/2 foot.

492 *Multiflora Alba . . . . .	.05
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**SCABIOSA. Mourning Bride.**

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.

493 *Dwarf White. Double, white. 1 foot . . . . .	.05
494 *Dwarf Mixed. Double, in great variety. 1 foot. Ounce, 50 cents . . . . .	.05
495 *Tall White. Double. 2 feet . . . . .	.05
496 *Tall Mixed. Double. 2 feet. Ounce, 75 cents . . . . .	.05

**SCHIZANTHUS.**

Excellent class of showy plants for summer garden or pot culture. Flowers very freely. Annual. 1 1/2 feet.

497 *Mixed. Very fine . . . . .	.05
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**SEDUM. Stonecrop.**

Attractive, neat, succulent plants, producing showy flower-heads. Annual and perennial.

498 *Mixed. Finest. . . . .	.10
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**SENECIO. Jacobea.**

Showy, profuse flowering plants of easy culture. Useful for beds, borders, etc. Hardy annuals.

499 *Mixed. Double . . . . .	.05
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## SWEET PEAS — Continued.

	Pkt.
522 *Crown Princess of Prussia. Blush. Ounce, 10 cents . . . . .	.05
523 *Painted Lady. Rose and white. Ounce, 10 cents . . . . .	.05
524 *Princess Beatrice. Rose pink. Ounce, 30 cents . . . . .	.05
525 *Purple Black. Ounce, 95 cents . . . . .	.05
526 *Scarlet Invincible. Ounce, 15 cents . . . . .	.05
527 *White. Ounce, 20 cents . . . . .	.05
528 *Extra Mixed. Our own mixture, with named varieties. Pound, \$1.50; ounce, 15 cents . . . . .	.05
529 *Mixed Fine. Pound, \$1.00; ounce, 10 cents . . . . .	.05

## ECKFORD'S NEW HYBRID VARIETIES.

530 *Apple Blossom. Standards, bright pinkish rose, wing blush. Ounce, 45c.,	.15
531 *Blanche Ferry. Beautiful; flowers larger than others: pink and white; very fragrant. Ounce, 40 cents . . . . .	.10
532 *Boreatton. Fine deep maroon color. Ounce, 25 cents . . . . .	.10
533 *Captain of the Blues. Standards bright purple blue. Ounce, 30 cents . . . . .	.10
534 *Cardinal. Bright crimson scarlet. Ounce, 35 cents . . . . .	.10
535 *Delight. White, tinted rose. Ounce, 45 cents . . . . .	.10
536 *Empress of India. Clear rosy pink standards and white wings. Ounce, 45 cents . . . . .	.10
537 *Isa Eckford. Cream white suffused with rosy pink. Ounce, 35 cents . . . . .	.10
538 *Miss Hunt. Pale carmine, salmon standards with soft pink wings. Ounce, 45 cents . . . . .	.15
539 *Mrs. Gladstone. Delicate pink standards, wings blush, edged with delicate pink. Ounce, 45 cents . . . . .	.15
540 *Mrs. Sankey. Ounce, 50 cents . . . . .	.15
541 *Orange Prince. Orange pink. Ounce, 45 cents . . . . .	.10
542 *Primrose. A near approach to yellow: quite novel and distinct in color, standards and wings, pale primrose yellow. Ounce, 50 cents . . . . .	.15
543 *Princess of Wales. Shaded and striped mauve, on a white ground. Ounce, 35 cents . . . . .	.10
544 *Purple Prince. Maroon standards, shaded with bronze and purple; blue wings; very fine and distinct. Ounce 50 cents . . . . .	.15
545 *Queen of England. Pure white, large and fine. Ounce, 50 cents . . . . .	.15
546 *Splendor. Pink rose with crimson shading. Ounce, 40 cents . . . . .	.10
547 *Finest Mixed. Ounce, 30 cents; ¼ pound, 80 cents; pound, \$2.75 . . . . .	.10

## THUNBERGIA.

Extremely ornamental twiners, blooming profusely; flowers and foliage both much admired; annual. 5 feet. Start in heat.

548 *Alata. Buff; dark eye. Ounce, \$1.00 . . . . .	.05
549 **Alba. White; dark eye. Ounce, \$1.00 . . . . .	.05
550 *Aurantiaca. Orange; dark eye. Ounce, \$1.00 . . . . .	.05
551 *Bakeri. White. Ounce, \$1.00 . . . . .	.05
552 *Sulphurea. Sulphur yellow. Ounce, \$1.00 . . . . .	.05
553 *Mixed. Ounce, 75 cents . . . . .	.05

## TORENIA.

These beautiful free-blooming, trailing plants are charming for pots in the house, or for summer garden decoration. Tender perennials. 1 foot.

554 *Bailloni. Yellow, with brownish-red throat . . . . .	.10
555 *Fournieri. Velvety-blue; charming . . . . .	.10
556 *White Wings. New; very lovely; flowers pure white with rosy throat. A perfectly distinct variety, admirably adapted for hanging baskets, beds, etc. . . . .	.20

**TRITOMA.**

Stately plant with long flower stalks, and long, round flower heads of red and yellow. Half hardy perennial. 3 feet.

557 *Uvaria Grandiflora (Red-Hot-Poker)	Pkt. .10
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**TROPAEOLUM LOBBIANUM.**

The leaves are somewhat smaller than the ordinary Tall Nasturtiums, but their greater profusion of flowers renders them superior for trellis, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory.

558 *Asa Gray. Yellowish white, very fine. Ounce, 50 cents	.10
559 *Brilliant. Dark scarlet. Ounce, 40 cents	.10
560 *Mons. Colmet. Dark brown. Very handsome. Ounce, 40 cents	.10
561 *Roi des Noirs. Black-brown. Ounce, 50 cents	.10
562 *Spitfire. Bright scarlet; splendid. Ounce, 40 cents	.10
563 *Mixed. Ounce, 40 cents	.10
564 *Canariensis (Canary Bird Flower). Canary yellow. Ounce, 50 cents	.10

**TYDAEA.**

Belongs to the same natural order as Gloxinia. Charming new class, only about 8 inches high. Very free-flowering, in great variety of charming colors. If sown early and potted forward will bloom the first year. Finest colors.

565 *Hybrida Grandiflora. Mixed	.50
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**VALERIAN.**

Showy, border, perennial plants, with long heads of handsome, fragrant flowers

566 *Mixed	.05
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**VERBENA.**

The Verbena is deservedly a universal favorite, unrivalled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Treat as tender annuals. Sow in a hot-bed in March or April, and plant out in May.

567 *Candidissima. Pure white. Ounce, \$3.00	.10
568 *Defiance. Scarlet; the finest variety for bedding. Ounce, \$4.00	.15
569 *Italian Striped. Splendid, large flowers, with Carnation-like stripes; various colors. Ounce, \$3.00	.10
570 *Auricula Flora. Large, very fine, with eye in centre of each flower. Ounce, \$3.50	.15
571 *Hybrida Compacta. First-class. The branches measure scarcely half the length of the old variety; habit short, erect and compact, growing only 5 inches high in bush form, literally covered with flowers, large and well formed. Mixed colors	.15
572 *Mixed, Finest	.10
573 *Mixed	.05
574 *Lemon (Aloysia Citrodora)	.10

**VINCA.**

Beautiful plant, growing about 2 feet in height, completely covered with flowers the entire summer. They do quite as well planted in the open border as in the greenhouse. Evergreen foliage. Start the seeds very early in heat.

575 *Alba. White. Ounce, \$1.25	.10
576 **Rosea. White, with rose centre. Ounce, \$1.25	.10
577 *Rosea. Very fine. Ounce, \$1.25	.10
578 *Mixed. Ounce, \$1.25	.10

**VIOLET. *Viola Odorata.***

Well-known, fragrant, early spring blooming plants for edgings, groups, or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennials; 6 inches.

	Pkt.
579 * <i>Odorata Semperflorens</i> . Blue-violet; fragrant . . . . .	.10
580 ** <i>Alba</i> . White . . . . .	.10
581 ** <i>The Czar</i> . Large, fragrant; splendid for forcing . . . . .	.10

**VIRGINIAN STOCK.**

Beautiful free-flowering little plants, very effective in small beds, edgings or baskets, growing in any soil; hardy annuals.

582 * <i>Red</i> . Ounce, 50 cents . . . . .	.05
583 * <i>White</i> . Ounce, 50 cents . . . . .	.05
584 * <i>Mixed</i> . Ounce, 50 cents . . . . .	.05

**VISCARIA.**

Exceedingly showy, profuse-blooming plants; good for beds and borders. Handsome all the season; hardy annuals; 1 foot.

585 * <i>Mixed</i> . Best varieties . . . . .	.05
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**WAHLENBERGIA.**

Excellent, hardy perennial for borders: flowers quite large, resembling the Campanula; 2 feet.

586 * <i>Grandiflora (Blue Bell)</i> . . . . .	.05
587 * <i>Grand Alba</i> . . . . .	.05
588 * <i>Grand Nana Dwarf, blue</i> . . . . .	.10

**WALLFLOWER. *Cheiranthus.***

Charming, half-hardy evergreen perennials, requiring but slight winter protection. The flowers come very early, and are sweetly fragrant; 2 feet. Start the seeds in gentle heat and transplant.

589 * <i>Double</i> . Mixture. Finest colors. Ounce, \$1.00 . . . . .	.10
590 * <i>Single</i> . Mixed. All colors. Ounce, 40 cents . . . . .	.05

**WHITLAVIA.**

Charming hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers: fine for ribbousing, mixed borders or shady spots: growing freely in any garden soil; also good for baskets, vases, etc.; 1 foot.

591 * <i>Mixed Varieties</i> . . . . .	.05
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**WIGANDIA.**

A grand and stately ornamental plant, with beautiful large leaves 3 feet long and 1½ feet wide, imparting a sub-tropical effect to the garden: half-hardy perennial; 6 feet.

592 * <i>Caracassana</i> . . . . .	.15
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**XERANTHEMUM.**

A showy class of Everlastings: the flowers when picked young are useful for winter bouquets; hardy annual; 1½ feet.

593 * <i>Double</i> . Mixed . . . . .	.05
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**ZEA.**

Stately, annual plant; leaves striped green and white; 5 feet.

594 *Japonica ( <i>Striped Maize</i> ) . . . . .	Pkt.	.05
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**ZINNIA.**

The double Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground; half hardy annuals; 2 feet.

595 *Crimson. Ounce, \$1.00 . . . . .	.05
596 *Flesh Color. Ounce, \$1.00 . . . . .	.05
597 *Golden Yellow. Ounce, \$1.00 . . . . .	.05
598 *Purple. Ounce, \$1 00 . . . . .	.05
599 *Scarlet. Ounce, \$1.00 . . . . .	.05
600 *White. Ounce, \$1.00 . . . . .	.05
601 *Mixed. Ounce, 75 cents . . . . .	.05
602 *Robusta Grandiflora, fl. pl. <i>New, very large flowering Zinnia.</i> Grows in handsome bush-form fully 3 feet high; blooms 5 or 6 inches across. Mixed,	.10

**ZINNIA, DWARF LARGE FLOWERING.**

603 *Crimson. Ounce, \$1.50 . . . . .	.05
604 *Golden Yellow. Ounce, \$1.50 . . . . .	.05
605 *Purple. Ounce, \$1.50 . . . . .	.05
606 *Salmon. Ounce, \$1.50 . . . . .	.05
607 *Scarlet. Ounce, \$1.50 . . . . .	.05
608 *White. Ounce, \$1.50 . . . . .	.05
609 *Mixed. Ounce, \$1.50 . . . . .	.05
610 *Pompon. Mixed . . . . .	.10
611 *Haageana . . . . .	.10

**Grasses, Ornamental.**

These form a beautiful and attractive addition to the flower garden: their graceful forms give a pleasing relief to the brilliancy of their showy companions. When carefully dried, they are useful in making up winter bouquets, etc.

612 <i>Agrostis Nebulosa.</i> Feathery; annual; 1 foot . . . . .	.05
613 <i>Arundo Donan Variegata.</i> Excellent for clumps; perennial; 6 feet . . . . .	.10
614 <i>Briza Gracilis.</i> Small, quaking grass; annual; 1 foot . . . . .	.10
615 <i>Bromus Brizæformis.</i> Elegant drooping panicles, perennials. 6 feet . . . . .	.05
616 <i>Coix Lachryma (Jobs' Tears).</i> Annual. Ounce, 30 cents . . . . .	.05
617 <i>Eragrostis Elegans (Love Grass).</i> Beautiful spikes. Annual. 1½ feet . . . . .	.05
618 <i>Eulalia Japonica.</i> Fine for groups. Perennial. 5 feet . . . . .	.10
619 <i>Lagurus Ovatus (Hair's Tail Grass).</i> Annual. 1 foot . . . . .	.05
620 <i>Stipa Pennata (Feather Grass).</i> Fine bouquet grass. Perennial. 2 feet . . . . .	.05
621 Mixed . . . . .	.05

**WILD-FLOWER GARDEN.**

There is nothing in the way of flower-seeds that will give so much satisfaction for the money as these.

Dwarf Varieties. Per half ounce package . . . . .	.20
Tall " " " " " . . . . .	.20

# Summer Flowering Bulbs.

## ACHIMENES.

Remarkably showy, free blooming plants of easy cultivation. Plant the small bulbs early, in a mixture of loam and leaf mould. Keep rather warm, and water with care. After flowering, dry off in the same pots, and keep the bulbs dry and warm during winter.

Mixed Varieties. Very fine colors. Free by mail . . . . .	Each. .08	Doz. .75
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## AMARYLLIS.

Lily-like flowers, very beautiful, which should be found in every garden.

Belladonna Major. Rosy pink . . . . .	Each. .30	
Formosissima ( <i>Jacobeana Lily</i> ). Crimson, very graceful, blooming very early in the summer . . . . .	.20	
Lutea. Yellow, blooms in the fall; handsome, hardy; plant 7 inches deep, . . . . .	.15	

## BEGONIAS; TUBEROUS ROOTED.

The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet.

White, Rose, Salmon-Colored, Scarlet, Red, Yellow . . . . .	Each. .15	Doz. \$1.50
Single. Very fine mixed . . . . .	.15	1.50
Double. Finest mixed . . . . .	.25	3.00

## CALADIUM ESCULENTUM. Elephant's Ear.

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best results it should be planted where it will obtain plenty of water, and an abundance of rich compost. Foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ wide.

Extra Large Bulbs . . . . .	Each. .20	Doz. \$2.00
Good Bulbs . . . . .	.10	1.00

## CALLA LILY.

Beautiful, pure white, large flowers. By mail, 35 cents . . . . .	Each. .25	Doz. \$2.50
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## CANNAS.

These plants have been wonderfully improved in the last few years. The contrast of their beautiful foliage and Gladioli-like flowers is very striking.

### CANNAS, DWARF FRENCH.

Alphonse Bouvier. 3½ feet. Strong spikes of rich scarlet-vermilion. One of the best . . . . .	Each. .15	
Adolph Weick. Crimson; green foliage . . . . .	.15	
Antonin Crozy. Crimson . . . . .	.15	
Francis Crozy. Bright orange bordered with a narrow edge of gold. The plants are somewhat more dwarf than Md. Crozy . . . . .	.15	

## CANNAS, DWARF FRENCH—Continued.

	Each.	Doz.
Geoffrey St. Hillaire. Dark maroon-colored leaves, with a dark metallic or bronze lustre. Flowers light salmon-scarlet . . . . .	.15	
Paul Marquant. One of the most distinct and beautiful of all. The individual flower is larger than any other and of a bright salmon, with a carmine tint . . . . .	.25	
Mixed Varieties. Dwarf . . . . .	.20	2.00
“ “ Fall . . . . .	.10	1.00

**DAHLIAS.**

By Mail, add 5 cents each for Postage.

These grand, fall-blooming plants delight in a sunny situation and a rich soil. They should not be set out till May. Lift the bulbs immediately after the first frost, dry off during winter in dry sand in a warm place.

	Each.	Doz.
Double Large Flowering. Finest show varieties, distinct colors, assorted . . . . .	.15	1.50
Double Pompon, or Bouquet. Variety of finest sorts, small, very double flowers . . . . .	.15	1.50
New Single Flowering. A fine collection; assorted colors . . . . .	.15	1.50
Double Large Flowering. Distinct colors, assorted; started in pots . . . . .	.20	2.00

**DICENTRA SPECTABILIS. Bleeding Heart.**

	Each.	Doz.
One of the most ornamental spring flowering plants, with handsome, pæony-like foliage, and long, drooping racemes of bright pink and white, heart-shaped flowers. This is deemed one of the finest of all hardy garden plants . . . . .	.15	1.50

**DODECATHEON MEDIA. Cowslip.**

	Each.	Doz.
One of the most desirable of flowering plants; perfectly hardy; of rather dwarf, neat habit; produces an immense head of large, cyclamen-like flowers of rare beauty and delicious fragrance; color white, shading to amber and smoky pearl, tipped with carmine. By mail . . . . .	.10	1.00

**GLADIOLI.**

This magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variegations, from the most gorgeous and dazzling to the softest and most delicate shades. They deserve to be grown in every garden, no matter how large or small. For cutting they are invaluable, the flowers lasting in water a week. There is nothing in the floral kingdom so easy of culture and so sure to succeed as the "Gladiolus." They can be planted at any time from May to July 15, and never fail to flower the same season, and they grow in any garden soil, and commence blooming in July, and by successive plantings every 2 or 3 weeks can be had in flower the entire season until checked by frost.

	Doz.	Per 100.
Extra Fine Mixed. All colors . . . . .	.30	2.25
Scarlet and Crimson Shades. Mixed . . . . .	.35	2.25
White and Light Shades. Mixed . . . . .	.50	3.00
Pink and Variegated. Mixed . . . . .	.50	3.00
Yellow Shades . . . . .	.50	3.00

**LEMOINE'S HYBRID, SPOTTED GLADIOLUS.**

Sent Free by Mail at Single and Dozen Prices.

This brilliant and remarkable class of Gladioli was originated by Mr. Lemoine, of France. They are quite distinct, with large, open flowers of vivid, rich, Orchid-like coloring. In the blotch, which is a striking feature of the flower, the coloring is exceptionally striking. This section is much hardier than the Gandavensis Hybrids. Our mixture contains about 30 sorts.

**GLADIOLI, LEMOINE'S HYBRID—Continued.**

	Each.	Doz.
Lemoine's Hybrids. Superfine mixed. Per 100, \$3.50 . . . . .	.05	.50
Snow White Gladioli. Finest white Gladioli ever grown, the flower being pure white. If cut early and developed in water it will be pure white. Free by mail . . . . .	.25	\$2.50

**GLOXINIAS. Choicest Strain.**

The bulbs we furnish are of the finest varieties in cultivation. Flowers large, finely carried above the foliage, and of the most splendid colors.

	Each.	Doz.
French Varieties. Mixed; splendid . . . . .	.30	\$3.00
Fine Mixed Varieties. . . . .	.25	2.00

**HYACINTHUS CANDICANS.**

	Each.	Doz.
Perfectly hardy; produces strong flower stalks 3 feet high, terminating in fine spikes of bell-shaped, pure white blossoms . . . . .	.10	.75

**IRIS KAEMPFERI.**

Perfectly hardy, flowering for a period of 5 to 7 weeks in June and July. These gorgeous flowers compare favorably with the finest Orchids, and are among the best of recent additions to the flower garden.

	Each.	Doz.
Named Varieties . . . . .	.25	\$2.50
Finest Mixed . . . . .	.15	1.50

**IRIS GERMANICA.**

These are neat, robust, hardy herbaceous early blooming plants, with large ornamental flowers of rich and elegantly blended colors, exquisitely striped with dark violet, purple or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low-growing sedges on the margins of fish ponds.

	Each.	Doz.
Named Varieties . . . . .	.20	\$2.00
Finest Mixed . . . . .	.15	1.50

**LILIES.**

	Each.	Doz.
<i>Lilium Auratum</i> ( <i>Golden Japan Lily</i> ). This superb Lily has flowers 10 to 12 inches in diameter, composed of 6 white petals, thickly studded with rich chocolate-crimson spots, and a bright golden band through the center of each petal . . . . .	.20	\$2.00
<i>Lilium Candidum</i> . Pure white, very fragrant . . . . .	.10	1.00
<i>Lilium Speciosum Album</i> . White Japan Lily . . . . .	.25	2.50
<i>Lilium Speciosum Rubrum</i> . White, spotted with crimson . . . . .	.20	2.00
<i>Lilium Superbum</i> . A beautiful native variety; color, yellowish red spotted . . . . .	.15	1.50
<i>Lilium Tenuifolium</i> ( <i>Coral Lily</i> ). One of the earliest and best of lilies. It bears in profusion medium-sized flowers of perfect form and of a dazzling orange scarlet . . . . .	.25	2.50
<i>Lilium Tigrinum</i> ( <i>Tiger Lily</i> ). Orange salmon, spotted with black . . . . .	.15	1.50
<i>Lilium Tigrinum</i> , fl. pl. ( <i>Double Tiger Lily</i> ). Orange red, spotted with black; double showy flowers . . . . .	.30	3.00

**MADEIRA VINE.**

	Each.	Doz.
A beautiful, rapid-growing climber, bearing graceful racemes of very fragrant white flowers. The vine is very pretty and useful. Mailed free . . . . .	.06	.50

**MILLA BIFLORA. Frost Work.**

	Each.	Doz.
The flowers have the oddest and most beautiful appearance imaginable. They appear like the most beautiful wax work, only enlivened by a living sparkle. The centre is lovely; the anthers are a delicate lemon yellow; the pistil is curiously carved, and usually covered with honey-dew. The fragrance is delightful. Place a stalk in water and the flowers will all open. We have seen 11 stalks shoot up successively from one bulb. The bulbs will flower profusely with great certainty.		
Mailed free	.10	1.00

**MONTBRETIA POTTSII.**

	Each.	Doz.
One of the finest and most graceful summer-flowering bulbous plants. The plants attain the height of 2 to 3 feet, with long, branched flower spikes. Flowers bright orange red, very shapely and graceful. Of easy culture and will give great satisfaction		
	.10	1.00

**MOONFLOWER, OR EVENING GLORY.**

Ipomœa : Plants.

	Each.	
The flowers of this most lovely climber are from 4 to 5 inches in diameter, pure white and very numerous. Blooms from midsummer until frost. By mail, 20 cents		.15

**PAEONY TENUIFOLIA, FL. PL.**

	Each.	Doz.
Distinct, beautiful double variety with crimson flowers. Very dense, fern-like foliage	.50	\$5.00

**PAEONY HERBACEOUS.**

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any good garden soil, well enriched with manure. It is well to mulch during the hot summer months.

	Each.	Doz.
Finest Mixed Colors	.25	\$2.75
Extra Strong Plants	.50	5.00

**SMILAX.**

A climbing plant, unsurpassed in the graceful beauty of its foliage; its peculiar wavy formation renders it one of the most valuable plants for bouquets, wreaths, festoons and decorations. Can be easily grown in the house	.15	1.50
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**TIGRIDIA. Tiger Flower.**

Mailed Free.

Curious and beautiful shell-like flowers about 4 inches in diameter, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over winter in dry sand.

	Each.	Doz.
Conchiflora. Orange, with crimson spots	.05	.50
Grandiflora. Very large; deep crimson	.05	.50
Grandiflora Alba. Large ivory-white flowers, spotted with maroon and rose lake in center	.08	.75
Pavonia. Red, with crimson spots	.05	.50

**TRITOMA UVARIA GRANDIFLORA.**

RED HOT POKER.

By mail add 10 cents each for Postage.

	Each.	Doz.
A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red, tubular flowers; effective among shrubbery	.25	\$3.00
Extra Strong Plants	.50	6.00

## TUBEROSES.

Sent free by Mail at Single and Dozen Prices.

These beautiful, fragrant flowering bulbs are too well known to need either description or praise.

		Each.	Doz.
Double Pearl.	Northern grown.	\$2.50 per 100	.05 .50
Excelsior Pearl.	Dwarf habit; pure white, double flowers.	\$3.00 per 100	.05 .60
Single Flowering.	Orange scented.	\$2.50 per 100	.05 .50

(Special price given for 1,000 lots.)

## WATER PLANTS.

### TENDER VARIETIES.

<i>Nymphæa Zanzibariensis</i>	<i>Azurea</i> .	The finest of all the blue Water Lilies. Can be kept over winter in a cellar, if kept wet	Each.	
				\$2.50
* <i>Zanzibariensis</i>	<i>Rosea</i> .	The same as the above, except that the flowers are of a deep rosy pink		2.50

### HARDY VARIETIES.

<i>Nymphæa Alba</i> .	The white native Water Lily of England; very fine.	By mail; \$1.15	Each.	\$1.00
<i>Odorata Rosea</i>	( <i>Pink Cape Cod Water Lily</i> ).	This is the famous Water Lily of Cape Cod, and ought to be in every collection of Water Plants. It possesses all the desirable qualities of the white varieties, hardiness, freedom of bloom and delicious fragrance. By mail, \$1.35		1.25
<i>Nelumbium Speciosum</i>	( <i>True Egyptian Lotus</i> ).	This wonderful plant is perfectly hardy in this country, enduring any degree of cold short of freezing. They may be grown and flowered in a tub or in a cement basin sunk in the ground 15 inches deep. By mail, \$2.25		2.00
<i>Limnanthemum Indicum</i>	( <i>Water Snow Flake</i> ).	In this exquisite novelty the famous chrysanthemum, "Mrs. Alpheus Hardy," has a rival in miniature. In growth, the plant resembles a water lily, with leaves from 3 to 5 inches across. The flowers are produced on the stem of the leaf, and about the size of a 50 cent piece. They are white, and the upper surface of the petals are covered with a delicate fringe, giving them the appearance of crystal, star-shaped snow flake. By mail, \$1.15		1.00
<i>Pontedina Major</i>	( <i>Water Hyacinth</i> ).	A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a hyacinth. It should be grown in about 4 inches of water so that ends of the roots can enter the soil. By mail, 35c.		.25

## PLANTS FOR FLOWER BEDS.

	Per doz.	Per 100.		Per doz.	Per 100.
Abutilon, in variety	\$1.50	\$10.00	Geranium, Single, sorts	\$1.30	\$8.00
Achyranthes, in variety	1.00	8.00	Geranium, Variegated Leaved	1.50	9.00
Ageratum, blue	1.00	6.00	Heliotrope, sorts	1.00	8.00
Alternanthera, sorts	.75	6.00	Hollyhocks	2.50	18.00
Alyssum, Double	.75	6.00	Lantanas	1.00	8.00
Alyssum, Variegated	.75	6.00	Lobelias, sorts	.60	4.00
Asters, Double White	.50	4.00	Lemon Verbena	1.50	10.00
Asters, Assorted Colors	.50	4.00	Marigolds, Dwarf	.75	6.00
Begonias, sorts	1.50	10.00	Marigolds, Tall	.75	6.00
Bouvardias, sorts	1.50	10.00	Nasturtium, Tall	.75	6.00
Caladium Esculentum	2.50	17.50	Nasturtium, Dwarf	.75	6.00
Cannas	1.50	10.00	Pansies, Large, mixed	.50	4.00
Cannas, New Dwarf	2.50	17.50	Pansies, Fancy, finest	.75	6.00
Centaurea Candidissima	1.00	8.00	Petunia, Double, sorts	1.50	10.00
Centaurea Gymnocarpa	.75	6.00	Petunia, Single, sorts	.75	6.00
Cobea Scandens	1.50	10.00	Petunia, Dwarf	.75	6.00
Coleus, sorts	.75	5.00	Phlox, Annual	.75	6.00
Coleus, new sorts	1.00	8.00	Salvia, Scarlet	1.50	10.00
Feverfew, Golden	.60	4.00	Stocks, Double	1.50	10.00
Feverfew, Double White	.75	6.00	Verbenas, Finest	.75	5.00
Fuchsias, small plants	.75	6.00	Vincas, sorts	1.25	9.00
Geranium, Double, sorts	1.50	9.00	Zinnias, sorts	.75	5.00

## CHRYSANTHEMUMS.

No flowers make so brilliant and beautiful an autumn show as these; none bloom so freely, or show such a great variety of shapes and colors, and their ribbon-like petals are twisted, quilled and curved in the most beautiful manner. The annual exhibitions have made this brilliant flower immensely popular. Our stock this season contains the best standard sorts, embracing the different colors, sizes and shapes. They are fine small plants, and should be grown in a rich compost of light loam and rotten manure, giving them a cool, airy situation out of doors through the summer, thus making strong plants for fall blooming. Strong plants (our selection), each, 25c.; doz., \$2.50.

### NOVELTIES FOR 1894.

- Mrs. George A. Magee.** Plant of fine dwarf habit, with stout stem and close-set leaves. The flower is very large, silvery pink, almost spherical, made up of very broad petals.
- Mrs. John H. Starin (No. 320.)** Of medium height, stout stem and close-set foliage. Flower very large, perfectly double, petals broad, pure white. A grand late variety.
- Dorothy Toler (No. 924).** Habit excellent, stem stout, foliage thick, dark green. Flower of medium size, beautifully formed like a Dahlia, of a warm rose color, tipped with red.
- Georgienne Bramhall (No. 760).** The habit, stem and foliage are all good. Flower perfectly incurved, of a beautiful primrose yellow color. A fine variety for any purpose.
- Mrs. James B. Crane (No. 194).** A fine grower, with thick, stout stem and large leaves. Flower large, open, incurved, of the richest, deep rose color, reminding one of a Pæony. A very early and fine variety.
- Mrs. H. McK. Twombly (No. 315).** Of a short, dwarf habit, stiff stem and close-set foliage. Flower very large, perfectly double, white, shaded with pink.
- Plants of the above varieties, 60c. each.

## Small Fruits.

### BLACKBERRIES.

- Dorchester.** Large, glossy black. Per dozen, \$1.00; per 100, \$6.00.
- Early Harvest.** Long shape, hardy, very productive. Per dozen, \$1.00; per 100, \$6.00.
- Kittatinny.** Large; excellent. Per dozen, \$1.00; per 100, \$6.00.
- Snyder.** Fine quality, very productive. Per dozen, \$1.00; per 100, \$6.00.
- Wilson's Early.** Large and sweet. Per dozen, \$1.00; per 100, \$6.00.
- Wachusset.** Hardy, fine; nearly thornless. Per dozen, \$1.00; per 100, \$5.00.

### CURRANTS.

- Cherry.** Red; large size; prolific. Per dozen, \$1.50; per 100, \$6.00.
- La Versailles.** Red; one of the best. Per dozen, \$1.50; per 100, \$6.00.
- Fay's Prolific.** New, with very large bunches and berries; color, rich red. The finest of this section. Per dozen, \$2.00.
- White Grape.** The best white. Per dozen, \$1.50; per 100, \$6.00.
- White Dutch.** Very sweet. Per dozen, \$1.50; per 100, \$6.00.
- Black Naples.** Excellent for preserves. Per dozen, \$1.50; per 100, \$7.00.

### GOOSEBERRIES.

- Houghton's Seedling.** Very prolific; pale red; almost free from mildew. Per plant, 25c.; per dozen, \$2.00.
- Industry.** Is of a very robust habit of growth, and is extraordinarily productive, and is suitable for cooking purposes at an early date. It is of enormous size when ripe; color, dusky red. This is the only variety of the European class that is perfectly free from mildew, and as reliable as our own small native sorts. Per plant, 30 cents; per dozen, \$3.00.

**GRAPE VINES; HARDY.**

Price: One Year Old, 30 Cents. Two Years Old, 50 Cents Each, except where noted.

- Brighton. Red. Early, large and sweet.  
 Concord. Black. The most popular grape.  
 Catawba. Purple. Fine; sheltered location.  
 Delaware. Light red. Small; one of the sweetest.  
 Eaton. Splendid; new, black grape. \$1.00.  
 + F. B. Hayes. White. Large clusters; sweet.  
 Isabella. Black. Large cluster; good.  
 Lady. White. Very early; hardy and good.  
 Moore's Diamond. White. Excellent. 50 cents to \$1.00.  
 Moore's Early. Black. Sweeter and earlier than Concord.  
 Niagara. White. New; very best of this section. 75 cents each.  
 Pocklington. Golden-white. New; hardy, large and very superior quality.  
 Potter's Sweet. The best flavored black grape ever introduced. 1 year, \$1.00; 2 years, \$2.00.  
 Prentiss. Yellowish green. New; tender, sweet and juicy.

**FOREIGN GRAPE VINES**

(For glass-covered graperies.)

- Muscat of Alexandria. Large grapes of light golden color; the most popular of the white kinds.  
 Black Hamburg. Black.  
 + Charlesworth Tokay. White.  
 Lady Down's. Black.  
 Cannon Hall Muscat. White.  
 White Frontignan. White.  
 Royal Muscadine. White.  
 Maddresfield Court Muscat. Black.  
 Splendid vines. \$1.25 each; \$12.00 per dozen.

**RASPBERRIES.**

- Brinkle's Orange. Yellow. Per dozen, \$1.50.  
 Cuthbert. Rich crimson; berries very large; conical. Per dozen, \$1.00; per 100, \$6.00.  
 Marlboro. Red; popular variety. Per dozen, \$1.00; per 100, \$6.00.  
 Gregg. Black-cap; large. Per dozen, \$1.00; per 100, \$5.00.  
 Hansell. Red; earliest of all. Per dozen, \$1.00; per 100, \$7.00.  
 Souhegan. Black-cap; very large and fine. Per dozen, \$1.00; per 100, \$6.00.  
 Turner. Red; hardy, very prolific. Per dozen, \$1.00; per 100, \$5.00.

**STRAWBERRIES.**

- Belmont. New. This is, perhaps, all things considered, the finest variety yet introduced. It is hardy, very heavy cropper, large, deep crimson, and of unsurpassed quality; late. Per 100, \$1.00.  
 Bidwell. Large very fine; early. 75 cents.  
 Bubach No. 5 (P.) Vigorous; productive, of most excellent flavor. Per 100, \$1.00.  
 Charles Downing. Large; superior quality; late. Per 100, 75 cents.  
 Crescent Seeding (P.) Medium size; sweet; early. Per 100, 75 cents.  
 Jessie. Seedling from Sharpless; very prolific. Per 100, \$1.00.  
 James Vick. Good size; very prolific; late. Per 100, \$1.00.  
 Kentucky. Excellent; very sweet; late. Per 100, 75 cents.  
 Manchester. Large, scarlet; very fine; late. Per 100, \$1.00.  
 Monarch of the West. Large and juicy; medium. Per 100, 75 cents.  
 Parry. Bright crimson; of uniform size; good quality. Per 100, \$1.00.  
 Sharpless. Large; very fine; late. Per 100, \$1.00.  
 Wilson (P.) Very reliable, old sort; somewhat tart. Per 100, 75 cents.

# Hardy Herbaceous Perennials.

A steadily increasing demand for hardy plants has led us to give them more attention and to increase our stock considerably. Our list contains none but good and satisfactory plants, though by no means including all that are worthy of cultivation. We can make when desired a selection that will keep the garden gay with flowers from the time frost leaves the ground until late autumn. They are adapted to every soil and situation, and when once planted will, with a little care, increase in vigor and beauty.

**Achillea, The Pearl.** A grand improvement on the old *Achillea* fl. pl. The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pomponne Chrysanthemum; as a summer cut-bloom it is a great acquisition. 15 cents each; \$1.50 per dozen.

**Anemone Japonica.** One of the most beautiful of the hardy herbaceous plants. They commence to open their rich-colored single blooms in August, and continue to increase in beauty until cut by frost. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary when they become too thick.

\***Alba.** Pure white, yellow centre, and dark eye.

\***Elegans.** Carmine, yellow centre, dark eye.

\***Rosea.** Dark rose, shaded pink, yellow centre and dark eye.

25 cents each; \$2.50 per dozen.

**Anthemis Tinctoria—Hardy Golden Marguerite.** This is one of the best yellow-flowered perennials we have. It is a continuous bloomer the entire summer, unequalled for cutting, and it is a magnificent grower, withstanding both wet and dry weather. The flowers are of the exact form of a daisy, but clear yellow. 25 cents each; \$2.50 per dozen.

**Aquilegia Chrysantha.** A beautiful golden spurred Columbine from the Rocky Mountains. Flowers rich golden yellow; blooms in early spring. 25 cents each; \$2.50 per dozen.

**Carnation Pinks.** These fine flowers, so fragrant and desirable for cutting, are much grown for summer and fall blooming in the open garden. We offer a fine variety of colors. 30 cents each; \$3.00 per dozen.

**Clematis Davidiana.** This new Japanese Clematis is destined to be one of the finest of hardy plants, and indispensable to all collections of plants. It is a shrubby, upright plant, from 2 to 4 feet high, with fresh, bright foliage; leaves grow in whorls around the stem. The flowers circle and cluster in the greatest profusion around each whorl of leaves, making several tiers (4 to 6) of clusters extending, one above the other, from near the ground to the top of the foliage. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. 50 cents each; \$5.00 per dozen.

**Dianthus Plumarius Stanislaus.** Of dwarf compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. 20 cents each; \$2.00 per dozen.

**Digitalis (Foxglove).** A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet. 15 cents each; \$1.50 per dozen.

**Funkia Alba (Day Lily).** Pure white, lily-shaped, fragrant flowers; borne in large clusters. 25 cents each.

\***Cerulea.** Blue flowers, broad green leaves. 25 cents each.

**Gaillardia Grandiflora.** This is undoubtedly one of the finest of hardy perennials. The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark-red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. It delights in a rather poor, light soil, and blooms in the greatest profusion from June to November. 20 cents each; 6 for \$1.00; 12 for \$1.50.

**Hemerocallis Fulva (Lemon Lily).** Lemon-colored flowers, excellent for planting among shrubbery. 25 cents each; \$2.50 per dozen.

**Helianthus Multiflorus fl. pl.** Plant grows in bush form to the height of 4 feet, and is completely covered during fall with large, golden-yellow, double flowers. It is one of the most ornamental garden plants. Plants, 15 cents each; \$1.25 per dozen; postage paid.

- Helianthus Soleil D'Or.** This makes a splendid companion to the popular *Helianthus Multiflorus*, and is identical with it in all respects, except in the shape of the flowers, which are quilled like an *Aster*; a plant that is certain to become a general favorite. 25 cents each; 5 for \$1.00; 12 for \$2.00.
- Lobelia Cardinalis.** A desirable native variety, producing large spikes of bright scarlet flowers. 15 cents each; \$1.50 per dozen.
- Lychnis Viscaria Alba Plena.** Large double white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the *Carnation* at a season when double white flowers are in great request; perfectly hardy. 15 cents each; \$1.50 per dozen.
- Myosotis Dissitiflora** (*Forget-me-not*). Hardy spring-blooming plants, bearing a profusion of lovely light blue flowers. 25 cents each; \$2.50 per dozen.
- Phlox.** These *Phloxes* are among the most desirable of the hardy perennials; their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. 15 cents each; \$1.50 per dozen.
- Scotch Pinks.** Dwarf hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent. Though the plants are hardy, they winter better if protected. 15 cents each; \$1.50 per dozen.
- Iceland Poppies.** These *Poppies* range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious Lilac-like fragrance. The plants form very ornamental tufts of Fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers, the petals of which glisten like crushed satin. 15 cents each; \$1.50 per dozen.
- Oriental Poppies.** Beautiful mixed varieties of this choice large-flowering *Poppy*, producing its handsome flowers in profusion during the summer. 15 cents each; \$1.50 per dozen.
- Stative Armeria** (*Sea Pink*). Brilliant rose color. The best of the *Armerias*. Fine for edgings or borders. In bloom from May till hard frost. 20 cents each; \$2.00 per dozen.
- Vinca Minor** (*Periwinkle*). A desirable trailing plant for shady places. 15 cents each; \$1.50 per dozen.
- Yucca Filamentosa** (*Adam's Needle*). A fine lawn plant. 25 cents each; \$2.50 per dozen.

## Hardy Climbing Plants.

- Aristolochia Sipo.** A vigorous and rapid-growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall. The plant grows very quickly, and soon makes a dense shade. For arbors or trellises, or for making a screen, it is invaluable. It readily attains a height of 20 feet and is perfectly hardy. 50 cents each; \$5.00 per dozen. Extra strong plants, \$1.00 each.
- Akebia Quinata.** One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. 25 to 50 cents each; \$2.50 to \$5.00 per dozen.
- Ampelopsis Veitchi.** An entirely hardy *Ampelopsis* of Japanese origin. It grows as rapidly as the old *Virginia Creeper*, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown. 25 cents each; \$2.50 per dozen. Extra large, 50 cents each; \$5.00 per dozen.
- Ampelopsis Quinquefolia** (*Virginia Creeper*). A very rapid grower, with large dark green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc. 25 cents each; \$2.50 per dozen.

**BIGNONIA** (*Trumpet Creeper*). For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

\***Grandiflora**. Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cents each.

\***Radicans**. Dark red orange throat; free-blooming and very hardy. 25 cents each; \$2.50 per dozen.

**CINNAMON VINE** (*Dioscorea Batatas*). A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about 8 feet in height; quite hardy. Good roots, 15 cents each; 2 for 25 cents.

**CLEMATIS**. These are the most beautiful class of hardy flowering climbers.

**Alba Magna**. Pure white with purplish brown anthers.

**Duchess of Edinburgh**. Pure double white.

**Gipsy Queen**. Rich, dark velvety purple.

**Jackmanni**. Large, rich violet purple; free bloomer.

**Jackmanni (Superba)**. Very dark violet purple.

**Mme. Van Houtte**. Pure white; extra fine.

**Miss Bateman**. White, with chocolate-red anthers.

The above Clematis 50 cents each; \$5.00 per dozen.

**Clematis Crispa (New)**. A very beautiful species, bearing an abundance of pretty, bell-shaped, fragrant, lavender flowers with white centres. Blooms from June until frost. 25 cents each; 5 for \$1.00.

**Clematis Flammula (New, Virgin's Bower)**. A general favorite, where a hardy rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small fragrant white flowers. 25 cents each; 5 for \$1.00.

**Clematis Coccinea (New)**. A very handsome, hardy climber, bearing thick, bell-shaped flowers of a bright coral red color; bloom with wonderful profusion from June until frost. 25 cents each; 5 for \$1.00.

**WISTARIA, Chinese Purple**. The finest of climbing plants; purple flowers. Extra size, \$1.00.

\***Chinese White**. Similar, but with white flowers, Each, \$1.00.

**JASMINUM OFFICINALE (White flowering Jasmine)**. Pure white, fragrant, hardy with protection in this latitude. 25 cents each.

**HONEYSUCKLE, Japan Variegated** Leaves, yellow and green. 50 cents each.

\***Variegated Monthly**. Fragrant, yellowish-white flowers. 50 cents each.

\***Japan**. Foliage nearly evergreen; flowers yellowish. 50 cents each.

**HOP VINE**. Suitable for covering walls, arbors, etc.; hardy, 25 cents each; \$2.50 per dozen.

**PASSIFLORA CERULEA (Passion Flower)**. Bright blue; very fragrant. 30 cents each; \$3.00 per dozen.

## HARDY ORNAMENTAL SHRUBS.

Each 50 Cents except where noted.

**Altheas**. Double; variegated and purple. Handsome shrubs.

**Althea, Variegated Leaved**. Foliage beautifully edged with white.

**Almond, Double Flowering**. Beautiful rose flowers. May.

**Almond, Double white**. Elegant shrub.

**Andromeda Mariana**. Large, white flowers. May.

**Azaleas (Ghent Azaleas)**. Various colors, entirely hardy. June. 75 cents to \$3.00.

**Azalea Mollis (Japan)**. Large; orange or yellow. June. 75 cents to \$3.00 each.

**Berberis Purpurea**. Violet-purple foliage. June to November.

- Calycanthus Floridus** (*Spice Bush*). Chocolate-red, fragrant. June and July.  
**Catalpa Aurea**. Golden foliage, beautiful; very rapid growing.  
**Cornus Siberica Variegata**. Rugose foliage strongly marked; silver and rose.  
**Ceanthus Americanus**. White, in clusters. July.  
**Chionanthus Virginicus** (*White Fringe*). One of the best.  
**Clethra Alnifolia**. White, in racemes. August.  
**Cartegus Oxycantha** (*English Hawthorn*). Beautiful; double. June, July. Each, \$1.50.  
**Cydonia Japonica** (*Japan Quince*). Brilliant crimson. May.  
**Daphne Cneorum**. Evergreen. Pink; fragrant. June.  
**Deutzia Crenata Alba Plena**. Double, white, upright. June.  
**Deutzia Crenata Rosea Plena**. Rose. Beautiful. June.  
**Deutzia Gracilis**. White, in panicles. May and June.  
**Euonymus Americana** (*Burning Bush*). Brilliant foliage.  
**Euonymus Europæus** (*Spindle Tree*). Handsome red berries.  
**Exochorda Grandiflora**. Beautiful, large, white flowers.  
**Forsythia Suspensa** (*Drooping Golden Bell*). May.  
**Forsythia Fortunei**. Bright yellow; upright. May.  
**Hawthorn, Scarlet**. June, July. Each, \$1.50.  
**Hydrangea Paniculata Grandiflora**. Immense panicles of large, white, ray flowers; one of the best shrubs. September, October.  
**Lonicera Tartarica** (*Tartarian Honeysuckle*). Pink flowers; red berries. May.  
**Magnolia Glauca**. Dwarf; white, fragrant. \$1.00.  
**Magnolia Lenne**. Large, purple flowers. \$1.00 to \$3.00.  
**Magnolia Soulangeana**. Large, blush flowers. April. \$1.00 to \$2.00.  
**Pæonies, Tree**. Magnificent, large flowers. \$1.00 to \$2.00.  
**Philadelphus Coronarius** (*Mock Orange*). Fragrant, white flowers. June.  
**Philadelphus Grandiflorus**. Large flowers; white. July.  
**Rhododendrons**. Among the most beautiful of all shrubs; large variety of colors.  
**Rhododendrons**. Large plants in bud. \$1.00 to \$5.00, according to size.  
**Rhus Cotinus** (*Smoke Bush, or Purple Fringe*). Very effective.  
**Ribes Aureum** (*Missouri Currant*). Yellow; in racemes. May.  
**Rubus Odoratus**. Dark rose; large, handsome foliage.  
**Spiraea Collosa**. Rose-colored; handsome.  
**Spiraea Reevesii fl. pl.** Double; white, in clusters.  
**Syringa Vulgaris** (*Common Lilac*). Purple; fragrant.  
**Syringa Vulgaris Alba** (*White Lilac*). Fragrant. May.  
**Symphoricarpus Racemosus** (*Snowberry*). Pink, with large, white berries. May.  
**Tamarax Gallica**. Pink; very pretty. Foliage fine  
**Viburnum Plicatum** (*Snowball*). Globular heads of white flowers.  
**Weigelia Rosea**. Rose colored; elegant shrubs. May.  
**Weigelia Candida**. White; beautiful. May.  
**Weigelia Variegata**. Pink, foliage variegated. May.

## HEDGE PLANTS.

- Arbor Vitæ American**. 9 to 12 inches, \$8.00 per 100; 12 to 18 inches, \$10.00 per 100.  
**Buckthorn**. Very hardy; 2 years old, \$8.00 per 100.  
**Cydonia, or Pyrus Japonica** (*Japan Quince*). Glossy foliage; brilliant, scarlet flowers. Per 100, \$6.00.  
**Honey Locust**. One year old, \$4.00 per 100; 2 years, \$6.00.  
**Privet, Californian**. Keeps green till Christmas; excellent: per 100, \$5.00.  
**Privet, English**. Very early; \$4 00 to \$6.00 per 100.  
**Spruce, Norway**. 9 to 12 inches, per 100. \$12 00; 12 to 18 inches, \$20.00 per 100.  
**Spruce, Hemlock**. Very fine hedge plant. 6 to 9 inches, \$9.00 per 100; 12 to 18 inches, 30.00 per 100.

# ROSES.

## HYBRID PERPETUAL ROSES.

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.

- Alfred Colomb.** A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.
- American Beauty.** An excellent rose for forcing. The flowers are very double, of a deep crimson color, and very fragrant.
- Anna de Diesbach (h).** Clear, bright carmine; very large and finely shaped, full and fragrant.
- Baron de Bonstettin.** Dark red, almost black; very large, double, fragrant flowers; a strong grower.
- Baroness Rothschild (h).** A magnificent rose; color rich satiny pink.
- Beauty of Waltham.** Cherry carmine, cupped, large and full.
- Captain Christy.** A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.
- Chas. Lefebvre.** Bright, velvety scarlet, petals smooth and thick; beautifully formed.
- Duke of Albany.** Vivid crimson when first opening, changing to a velvety black; large and full; a good autumnal bloomer.
- Dinsmore.** Rich crimson.
- Fisher Holmes.** Rich velvety crimson, large double, and of fine form; a splendid rose.
- General Jacqueminot (h).** Brilliant scarlet crimson.
- General Washington.** Very double crimson.
- John Hopper.** Bright rose, carmine centre; flowers large, cupped, and well formed.
- Mme. Gabriel Luizet (h).** Fine satiny rose, very large and full.
- Mme. Victor Verdier (h).** Rich bright cherry, large, full cupped and of fine form; superb; a most effective rose.
- Magna Charta (h).** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.
- Paul Neyron (h).** Very large dark rose; by far the largest Rose in cultivation; one of the most desirable.
- Ulrich Brunner (h).** Bright cerise red; flowers large and full.
- White Baroness (h).** Pure white; a splendid bloomer.

40 cents each; 50 cents by mail; \$4.00 per dozen.

## DAMASK ROSES.

These two old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce, make them indispensable.

- Cabbage, or Provence.** Rosy pink flowers, large and full, very sweet. 50 cents each.
- Madame Hardy.** A strong and vigorous Damask Rose, bearing beautiful, large, double white flowers. 50 cents each.

## EVER BLOOMING MOSS ROSES.

### ENTIRELY HARDY.

This class of Moss Roses is quite different from the regular Mosses, which only bloom once. These varieties flower very freely in June, blooming again in the fall.

- Blanche Moreau.** Pure white.
- James Veitch.** Deep crimson.
- Little Gem.** A veritable gem; dwarf, compact habit; flowers very heavily mossed; color, bright crimson.

Price, each, 50 cents.

## POLYANTHA, OR MINIATURE ROSE.

An entirely distinct type of Roses which bears its small and beautifully shaped flowers in clusters of 20 to 30 on each branch. The plants when well grown present a mass of bloom, and are excellent for summer bedding or winter pot culture.

**Clothilde Soupert.** The flowers of this very beautiful new variety are unusually large. They are of a pearl white, shaded at the centre with silvery rose, and are produced in the greatest profusion. It makes a fine plant either for pot culture or for outdoor planting.

**Etoile D'Or.** A beautiful new Polyantha, with miniature buds as perfectly formed as any of our larger roses. The flower is elegantly perfumed. Color, chrome yellow.

**Miniature.** About the size of a double violet; very fragrant and of pure white color.  
30 cents each; 35 cents by mail.

## TEA ROSES.

The tea-scented ever-blooming Roses are admired for their delicious fragrance, free-blooming qualities, and the exquisite shapes and colorings of their flowers. They make excellent bedders and yield a succession of bloom through the entire season.

**Bon Silene.** Brilliant carmine rose; a well known and favorite variety.

**Catherine Mermet.** Bright flesh color, full and beautiful; one of the most lovely of its color.

**Marie Guillot.** White, slightly tinted with lemon, very large, finely-shaped flowers; a valuable rose.

**Marie Van Houtte.** Creamy white, occasionally tipped with rose, one of the very best summer bedding roses.

**Meteor.** A rich dark velvety crimson hybrid tea; a free bloomer and vigorous grower, showing no tendency to mildew. It does not run single, and will be found valuable as a garden rose for the summer.

**Mlle C. Perreau.** A most valuable summer rose of bright silvery rose color; vigorous and productive.

**Niphetos.** Pure white, full, fragrant, magnolia-like petals; a general favorite.

**Papa Gontier.** Exceedingly free-flowering; one of the finest roses either for out of doors or for winter forcing. The blooms are large and long, and of a dark carmine crimson.

**Perle des Jardins.** Beautiful rich yellow, of large size and perfect form.

**Princess Sagan.** Bright crimson velvet, shaded with scarlet.

**Safrano.** Saffron yellow, beautiful in the bud; a well known favorite.

**Souv. Victor Hugo.** Bright China rose, with copper-yellow centre; outside petals suffused with carmine. A beautiful combination of coloring.

**Souvenir d'un Ami.** Fine delicate rose, shaded with salmon; very large, full and double, exquisitely fragrant; a vigorous grower and free bloomer, a rose that should be in every collection.

**Souvenir de Wootton.** Of a bright crimson color and very fragrant.

**Sunset.** Of large size and perfect shape; it is of a rich shade of saffron and orange.

**The Bride.** A lovely pure white rose of the Mermet type; it is very full and double, free-flowering and excellent either for forcing or for summer planting.

**Vallee de Chamounix.** White, with copper-colored centre; reverse of petals yellowish white.

**Wm. Francis Bennett.** An admirable forcing rose; its rich, glowing crimson color and charming fragrance, combined with large size and correct shape, have rendered it a general favorite.

35 cents each; \$3.50 per dozen.

## HARDY CLIMBING OR PILLAR ROSES.

The following list comprises the best of the hardy roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

**Baltimore Bell.** Blush, of medium size, flowers in clusters.

**Gem of the Prairies.** Rich rose color, very fragrant.

**Gevillea or Seven Sisters.** Flowers in clusters, opening at first of a light rose color, changing to pure white.

**Prairie Queen.** Deep rose, hardy and desirable.

**Washington.** Pure white, very free.

30 cents each; 35 cents each, by mail; \$3.00 per dozen.

# Vegetable Roots and Plants.

	Per doz.	Per 100.
Asparagus Roots.—Conover's Colossal, 2 years old . . . . .		\$1.00
Moore's Giant Cross Bred, 2 years old . . . . .		1.25
Palmetto, 2 years old . . . . .		1.75
Cabbage Plants.—Early Jersey Wakefield . . . . .		1.00
Henderson's Summer . . . . .		1.00
Fottler's Brunswick . . . . .		1.00
Stone Mason . . . . .		1.00
Cauliflower Plants.—Earliest Dwarf Erfurt . . . . .		1.50
Early Snowball . . . . .		1.50
Celery Plants.—Boston Market . . . . .		1.00
Arlington . . . . .		1.00
Golden Self Blanching . . . . .		1.25
Chives. The best flavored of the Onion family. The tops are used in soups, etc. Per box of 6 clumps, 50c.		
Horse Radish. Sets . . . . .	.25	.60
Egg Plants.—Black Pekin . . . . .	\$1.00	6.00
New York . . . . .	1.00	6.00
Tarragon Plants.—French Estragon. Plants of the genuine French Tarragon. The leaves impart a delicious flavor to salads, soups, pickles, etc. Plants, well established, 25 cents each; by mail, 5 cents extra . . . . .	2.50	
Lettuce Plants . . . . .	.25	.75
Pepper Plants . . . . .	.75	5.00
Rhubarb Roots. Each, 20 cents . . . . .	2.00	
Sweet Potato Slips. Ready in May . . . . .		.75
Tomato Plants.—Acme . . . . .	.35	2.50
Trophy . . . . .	.35	2.50
Perfection . . . . .	.35	2.50
Boston Market . . . . .	.35	2.50
Dwarf Champion . . . . .	.35	2.50

## VICTOR SPRAY AND FORCE PUMP.



The Victor Force Pumps are made on Scientific principles, and have no ancient or moss-backed ideas about them. See them work you will and be convinced that all other pumps of this class are doomed to be remembered in future as relics of the past.

# Horticultural and Garden Implements,

## FLORISTS' SUPPLIES, ETC.

Baskets, Verbena, Marston's Pattern. Adjustable wooden handles with tin fastenings on the ends. 10 inches long, 5 inches wide, 3 inches deep . . . . .	Per 100.
Baskets, Verbena, Marston's Pattern. Large size. 12 inches long, 7 inches wide, 4 inches deep . . . . .	\$2.00
Baskets, Strawberry . . . . .	3.00
	1.00

### STANDARD FLOWER POTS.

These pots are all full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring.

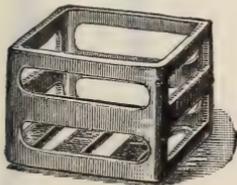
	Each.	Per doz.	Per 100.
2½ inches high and width inside . . . . .	.02	.15	\$1.10
3 " " " " " " . . . . .	.02	.18	1.40
4 " " " " " " . . . . .	.03	.32	2.20
5 " " " " " " . . . . .	.05	.52	4.00
6 " " " " " " . . . . .	.08	.80	6.00
7 " " " " " " . . . . .	.13	1.32	10.00
8 " " " " " " . . . . .	.16	1.64	14.00
9 " " " " " " . . . . .	.25	2.65	20.00



	Size	2½-in.	3-in.	4-in.	5-in.	6-in.	7-in.	8-in.	9-in.
Common Flower Pots. Each . . . . .		.01	.03	.03	.04	.07	.11	.12	.18
" " " Per 100 . . . . .		.90	1.20	2.00	3.00	5.50	9.00	10.00	15.00
Saucers. Each . . . . .				.02	.03	.04	.05	.07	.09
" Per 100 . . . . .				1.80	2.25	3.00	4.00	6.00	8.00

Prices for other sizes given upon application. Special prices to parties buying in large numbers. Not less than 50 of a size supplied at 100 rate. No charge for packing and boxes used for shipping flower pots.

Round Seed Pans. Each . . . . .	6-in.	8-in.	10-in.	12-in.
	.07	.12	.20	.25



	Each.	100.
Square Orchid Pot. 4x4 . . . . .	.18	15.00
" " " 5x5 . . . . .	.22	20.00
" " " 6x6 . . . . .	.28	25.00
Round " " 4-in. . . . .	.10	
" " " 5-in. . . . .	.15	
" " " 6-in. . . . .	.20	
" " " 7-in. . . . .	.25	

Rustic Hanging Baskets. Very strongly and artistically made of natural roots and knots. cleaned, trimmed and varnished. Diameter, 8 inches, 75 cents; 9 inches, \$1.00; 10 inches, \$1.25; 11 inches, \$1.50; 12 inches, \$1.75.

Rustic Plant Stands. Of various sizes and designs.

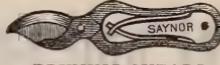
Rustic Settees and Chairs. \$5.00 to \$25.00.



FLOWER SHEARS.



FLOWER GATHERER.



PRUNING SHEARS.



HAND FORK.



ENGLISH GRASS SHEARS.



GRAPE SCISSORS.



WEED PULLER.



BILL HOOK.



GRASS SHEARS.



SICKLE.



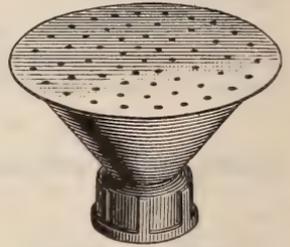
DUTCH HOE.



PRUNING SAW.



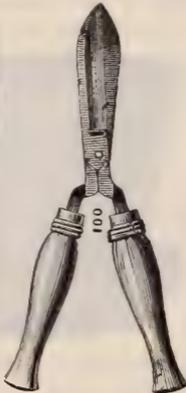
SCYTHE RIFLE.



BOSTON SPRINKLER.



HAY FORK.



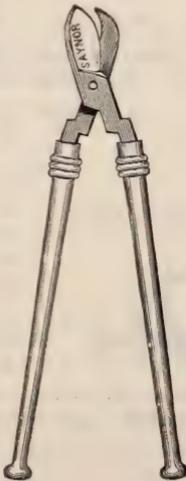
HEDGE SHEARS.



SOD LIFTER.



EDGING KNIFE.



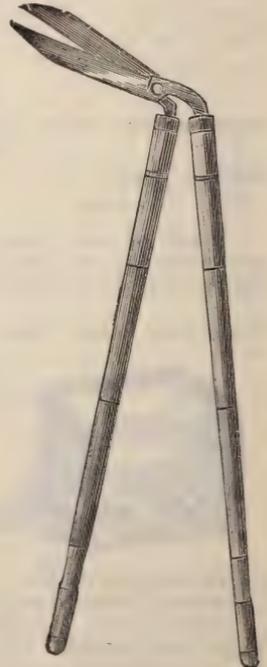
LOPPING SHEARS.



GARDEN SHOVEL.



SAYNOR'S ASPARAGUS KNIFE.



EDGING SHEARS.

## GARDEN TOOLS.

- Hot Burning Brands. Lettered, for marking tools, etc., not over 4 inches, \$1.50; 2 lines, \$2.
- Brooms. For greenhouse and garden use, 3 sizes, 40 cents, 50 cents and 60 cents. We supply these rattan or corn.
- Dibbers. Used for transplanting cabbage and cauliflower plants, etc. Wood handle; steel point; 50 cents and 75 cents each.
- Forks, Digging or Spading. 4-prong, light, 80 cents; heavy, 95 cents.
- Forks, Manure. 60 cents to \$1.00.
- Forks, Hay. 25 cents to \$1.00.
- Garden Hose. 8 cents to 25 cents per foot.
- Garden Trowels. Common, curved, steel blade, 5-inch, 15 cents; 6-inch, 20 cents; 7-inch, 20 cents; 8-inch, 25 cents.
- Garden Trowels, Extra. Strong, curved, solid steel blade and shank. 6-inch, 60 cents; 7-inch, 70 cents.
- Trowels, Flat Steel. Best quality steel, extra strong. Riveted shank and tempered blade. 6-inch, 75 cents; 7-inch, 85 cents.
- Grafting Chisel. Fine quality steel, 50 cents.
- Garden Lines. Extra quality best Russian hemp. Single, 75 cents; double, \$1.25.
- Garden Lines, Twisted Linen. Each, 30 cents to 60 cents.
- Glass Cutter and Glazer. Each, 10 cents; dozen, \$1.00.
- Hand Forks. Various sizes. 25 cents to 50 cents each.
- Hand Forks, Saynor's. Splendid quality and finish; indispensable in every garden; suitable for ladies' use. Small size, each, 75 cents; large, each, \$1.00.
- Hoes, Draw. 25 cents to 50 cents.
- Hoes, Scuffle or Push. Welded shank, 5-inch, 50 cents; 6-inch, 65 cents; 7-inch, 70 cents; 8-inch, 75 cents; 9-inch, 80 cents; 10-inch, 85 cents.
- Hoes, Prong. For potatoes. Flat tines, 75 cents.
- Mole Traps. \$1.50.
- Picks, Railroad. Pointed. \$1.00 to \$1.40.
- Rakes, Garden. Steel; long teeth. 10-teeth, 45 cents; 12-teeth, 50 cents; 14-teeth, 55 cents; 16-teeth, 60 cents; 18-teeth, 75 cents; 20-teeth, \$1.00.
- Rakes, Steel, Short Teeth. 10-teeth, 45 cents; 12-teeth, 50 cents; 14-teeth, 55 cents; 16-teeth, 60 cents.
- Rakes, Hay. Wooden, No. 1, 25 cents; No. 2, 30 cents; No. 3, 40 cents.
- Rakes, Lawn. Wooden, close teeth, 50 cents.
- Rakes, Steel Wire. For lawns, etc., 80 cents.
- Rakes, English Daisy. For lawns, \$3.50.
- Reels for Garden Lines. Small, 50 cents; large, 80 cents.
- Sashes for Hot-Beds. Glazed, 3x6 feet, \$2.25 and \$2.50.
- Scythe Snaths. Various, 60 cents to 90 cents.
- Scythe Stones. Genuine Welsh, 25 cents; others, 10 cents to 20 cents.
- Scythe Rifles. Triple coated, 10 cents.
- Spades, Steel. First quality. 2 sizes, 80 cents and 90 cents; Ames's best, \$1.00 and \$1.25.
- Shovels, Steel, Square. First quality. 2 sizes, 80 and 90 cents; Ames's best, \$1.00, \$1.25.
- Shovels, Steel, Round Point. Each, 90 cents; Ames's best, \$1.00.
- Thermometers. Wilder's Extra, in japanned case, 10 inches, 75 cents; 12 inches, \$1.00.
- Thermometers, Self-Registering. Extra quality, \$2.00 and \$2.50.
- Thermometers. Tin japanned, common, 20 cents.
- Tree Scrapers. Best steel, 50 cents.
- Weeder, Hazaltine. Very useful for expeditious weeding and thinning; solid steel blade. Each, 30 cents.
- Weeder, Lang's. A useful and practical tool, with leather band holder, so that the fingers are free to pull weeds or thin plants. Price, 25 cents; by mail, 35 cents.
- Weeder Excelsior. Shaped like a hand, with five short, iron claws. Excellent for weeding, or loosening the soil. Each, 20 cents.
- Weeder Noyes'. Steel. Cutter, diamond shape, well tempered. Price, 30 cents.



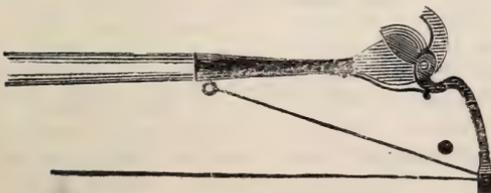
## PRUNING KNIVES, SCISSORS, ETC.



SAYNOR'S KNIVES.

- Saynor's Pruning Knives. Various sizes and patterns. 75c. to \$2.00.
- Budding Knives. Different sizes and patterns. 75c. to \$2.00.
- Grape-Thinning Scissors. Bright. 6-inch, \$1.25; 7-inch, \$1.35.
- Flower Scissors. For cutting and holding flowers, etc. 6-inch, 90c.; 7-inch, \$1.15; 8-inch, \$1.35.
- Bow-Pruning Scissors. Eyed; bright, 4-inch, 75c.; 5-inch, 85c.; 6-inch, \$1.00; 7-inch, \$1.15.
- Grass, or Sheep Shears. Swedged, for cutting the edges of grass borders; \$1.25.
- Grass Shears, Long Handled. Saynor. For cutting grass borders. Blade, 8-inch, \$2.50; 9-inch, \$3.00; 10-inch, \$3.50.
- Grass Edging Knives. Handled; several patterns. American and English manufacture. Price, from 70c. to \$1.50 each.
- Hedge Shears. Blade, 8-inch, \$1.75; 9-inch, \$2.00; 10-inch, \$2.25.
- Hedge Shears, Notched. Blade, 8-inch, \$2.00; 9-inch, \$2.25; 10-inch, \$2.50.
- Grass Hooks. Finest quality, various sizes. 40c. to 75c.
- Lopping Shears, Saynor's. Three sizes, \$3.50, \$4.00, \$4.50 each.
- Scythes. Finest cutlery steel; best quality manufactured; all sizes. 75c. to \$1.25.
- Pruning Saws. Long, narrow blades for pruning. Various sizes, 80c. to \$1.25.
- Pole Pruning Saws. For cutting strong, high limbs. \$1.00 to \$1.50.
- Pruning Shears, French. This is the best pruner ever offered, and in fine quality is unequalled. Wherever used it has given great satisfaction; the small wheel at the movable end of the spring reduces the friction to the least possible, and there is no chance for breakage. Price, 7½-inch, \$2.00; 8½-inch, \$2.25; 9½-inch, \$2.50. By mail, 10c. each, extra.
- Pruning Shears, Hand. We keep on hand a great variety of these—the best American and European manufactures. Price, from 50c. to \$2.50.

## WATERS' IMPROVED TREE PRUNER.



The blade is thin, thus offering very slight resistance to the wood in cutting. The Waters' Pruner never fails to cut the slightest twig. The thin blade of the Pruner passes through the limb so easily that the grain is uninjured and the bark left smooth,

## WATERS' IMPROVED TREE PRUNER—Continued.

Length of pole, 4 feet; weight, 2 $\frac{1}{4}$ pounds	Each, \$1.25
“ “ 6 “ “ 2 $\frac{3}{4}$ “	“ 1.50
“ “ 8 “ “ 3 $\frac{1}{2}$ “	“ 1.60
“ “ 10 “ “ 4 $\frac{1}{4}$ “	“ 1.75

Extra blades, 30c. each; \$3.50 per dozen. Extra blades and other parts are easily and cheaply replaced.

## PLANT STAKES.

The Round Stakes are light, very neatly turned, and suitable for plants in pots, also for Carnations, Gladiolus, and various other plants, in the open ground. The Heavy Round Stakes are rather stronger and very durable; suitable for tying up Roses, Dahlias, Climbers, etc.

## GREEN PAINTED ROUND STAKES, LIGHT.

	Per Doz.	Per 100		Per Doz.	Per 100
1 $\frac{1}{2}$ Feet	.20	\$1.20	3 $\frac{1}{2}$ Feet	.60	\$4.00
2 “	.30	1.85	4 “	.70	5.00
2 $\frac{1}{2}$ “	.40	2.25	5 “	.80	6.00
3 “	.50	3.25			

## GREEN PAINTED ROUND STAKES, HEAVY.

	Per Doz.	Per 100.		Per Doz.	Per 100.
3 Feet	.60	\$4.50	5 Feet	\$1.00	\$7.50
4 “	.75	6.00	6 “	1.25	10.00

## CANE STAKES FOR PLANTS.

Resemble the bamboo, are strong and durable. They vary in length from 4 to 10 feet, and can be cut to the desired length. \$1.00 per 100; \$8.00 per 1,000.

Wood Labels for Plants, Trees, Etc. The neatest and smoothest in the market; uniformly satisfactory.

	Plain. 100.	Plain. 1,000.	Painted. 1,000.		Plain. 100.	Plain. 1,000.	Painted. 1,000.
4-inch Pot Label	.15	.60	.80	3 $\frac{1}{2}$ -inch Tree Label	.15	.60	.80
4 $\frac{1}{2}$ -inch Pot Label	.15	.70	.90	3 $\frac{1}{2}$ -inch Tree, iron wired	.15	1.00	1.25
5-inch Pot Label	.15	.80	1.00	3 $\frac{1}{2}$ -inch Tree, copper			
6-inch Pot Label	.15	1.00	1.20	wired	.20	1.50	1.75
8-inch Garden Label	.40	3.50	4.50	12-inch Garden Label	.50	4.50	5.50

Zinc Labels, Per 100	No. 1. \$2.00	No. 2. 1.30	No. 3. 1.70	No. 5. 1.70	No. 7. 1.90	No. 13. 1.00	No. 15. 1.00
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Indelible Ink, small bottle, 20 cents.

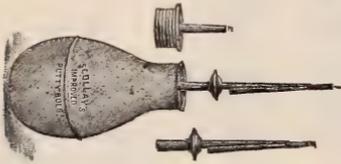
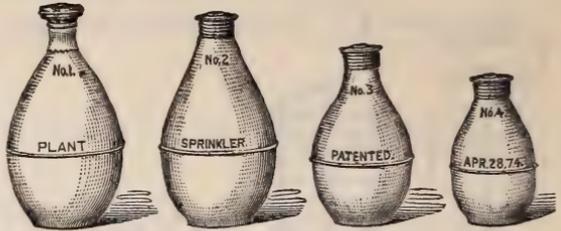
Pea Brush for Sweet Peas, etc. Per bunch, 20c.

Poles for Beans, Hops, etc. Each, 10c.



## SCOLLAY'S PATENT RUBBER SPRINK- LERS.

Very useful for sprinkling plants, cut flowers, seedlings, clothes, etc., and for other purposes where a fine spray is required. 4 sizes, 50 cts., 60 cts., 75 cts. and \$1.00 each. By mail, 10 cts. each, additional.



## SCOLLAY'S PUTTYING BULB.

A simple and useful device for applying putty to sashes. The putty in a semi-liquid state is ejected by pressing the bulb, enabling one to do the work very rapidly. Price, \$1.00; by mail, \$1.10.

## STRAW MATS FOR HOT BEDS.

Made by hand from fresh rye straw; thick, and well put together. Excellent protection from frost. All our Mats are very carefully and firmly made, being tied with the finest quality of twisted, tarred marline. Special price given for large lots. Odd sizes made to order at very reasonable prices. Regular size, 6x6 feet. Each, \$1.50. Extra heavy, \$2.00.

## SASH FOR HOT BEDS.

These are well made from thoroughly seasoned lumber, and glazed. Frame, 1½-inch, 3x6 feet, \$2.25; 1¾-inch, 3x6 feet, \$2.40. Unglazed and unpainted sashes, each, \$1.15 to \$1.35.

## THE "STOTT" INSECTICIDE DISTRIBUTER.



STOTT INSECTICIDE DISTRIBUTER.



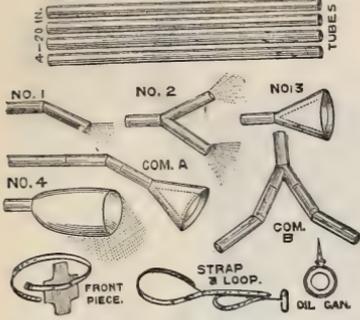
STOTT HOSE NOZZLE.

Is an oblong cylinder machine made of copper, divided by perforated divisions into cells, into which insecticides or manure in solid or liquid form is inserted. At each end of the machine hose is attached one end connecting with the water tap or garden pump, and the other to an ordinary hose nozzle, the water being forced through, and consequently, impregnated with the compositions. All plants, from a tree to the most tender greenhouse plant can be cleansed from all insects without the trouble of washing or applying syringes. Prices, including filler and hose coupling, 2 cells, \$9.00; 3 cells, \$10.00; 5 cells, \$12.00.



### LEGGETT'S IMPROVED PARIS GREEN OR DRY POWDER GUN.

The Gun weighs only about 5 pounds and is held in place in front of the operator by a strap about the neck and waist. The distribution of the powder can be so easily regulated that a half a pound or a pound of pure Paris Green or London Purple may be evenly distributed over an acre of Potatoes. By leaving only a slight opening in the slots at the bottom of the reservoir, the faintest smoke of powder can be forced from the Gun. Hellebore, Slug Shot or Flour of Sulphur can be distributed better and more economically than in any other way. For further directions ask for special circulars.



Patented Jan. 17, 1888. Feb. 25, 1890, Jan. 2, 1894. Other Patents Pending.



### CYCLONE INSECT EXTERMINATOR.

This machine will be found to be of great value in destroying insect pests. Apply the powder night or morning. Two applications in a season is preferable, though many consider one to be sufficient. With this machine in your possession, you will have perfect control of insect pests on your farm. Send for special circulars.

**French Sulphur Bellows.** For effectually and very economically applying all insect powders on plants. Two patterns: No. 1, \$1.50; No. 2, with holder at side, \$2.00.

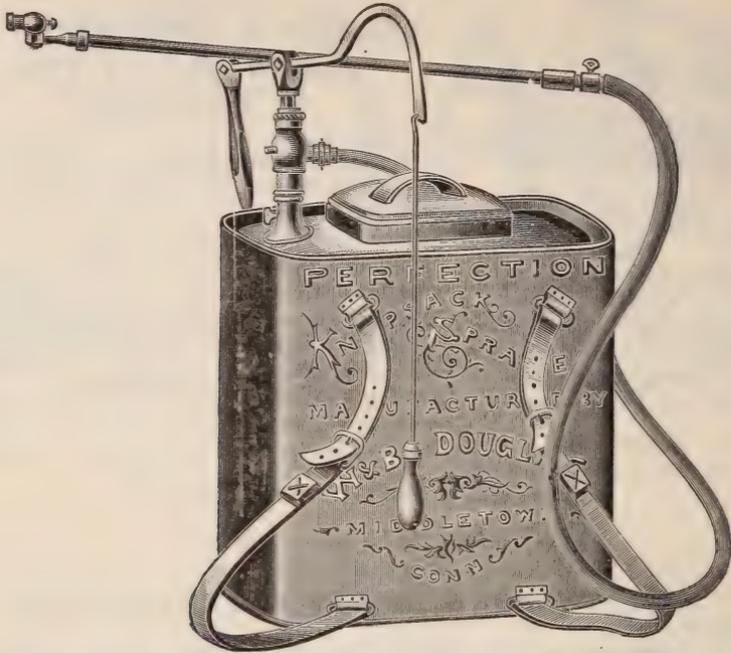


**Powder Bellows.** Excellent for applying hellebore, sulphur, slug shot, etc. Small, \$1.00.; large, \$2.00.

**Star Powder Guns.** For applying insect powders of all kinds; neat, much improved pattern. Each, 15c.



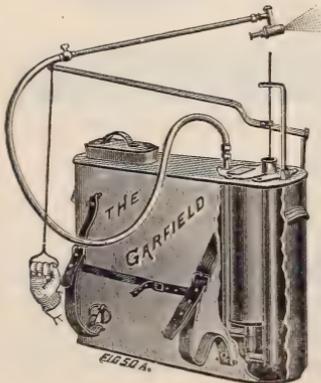
**Tin Dusters.** For applying Paris Green mixture, slug shot, etc., on potato vines and other plants; bottoms finely perforated.



### PERFECTION KNAPSACK SPRAYING MACHINE.

The tank is made of either Copper or Galvanized Iron; the discharge is made through hose and a piece of iron pipe with a stop-cock to regulate the stream, the tip being the Pilter-Bourdil or the Vermorel Nozzle, either producing the finest spray. It is easily carried on the back, and the Pump operated by a lever, as cut shows. It may be detached for repacking, etc., by simply unscrewing it from the reservoir, which is an important improvement found in no other make of knapsack engines. Since this article was first put upon the market the copper tank has been reinforced at the top, making it extra heavy, thus entirely obviating the danger of bending or tearing the Pump from the copper.

For using Sulphate of Copper and Lime it is necessary to have the Copper Tank; for Paris Green and London Purple, Galvanized Iron will answer.



### THE IMPROVED KNAPSACK SPRAYER.

This valuable arrangement, invented by the United States Agricultural Department, is used for applying fungicides, such as Bordeaux mixtures, ammoniacal compound of copper and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black rot and kindred diseases, as well as for leaf and potato blight, etc. The machine is made entirely of copper and brass and the chemicals will not corrode or rust it. The air chamber keeps up a pressure so a continuous discharge is given. No grape grower can afford to be without it.

Vermorel Nozzle Improved, for applying fluids in a mist.

## REMEDIES FOR INSECTS AND FUNGUS.

- Havana Tobacco Stems.** For fumigating. Valuable as a mulch for Rose beds, Lettuce beds, etc. The best quality of stems supplied. Per lb., 5c.; 100 lbs., \$3.00. Full bales, 2½c. per lb.
- Tobacco Soap.** The most effective soap made for plants and trees infested with green fly, red spider, lice, and eggs of insects. In tin boxes, with directions, sufficient for five gallons of water, 25c.; by mail, 38c.
- Granulated Tobacco and Sulphur.** Prevents and removes mildew on plants; destroys the green and black flies, and other insects which attack plants. Per lb., 10c.; 10 lbs., 75c.; 100 lbs., \$6.00.
- Tobacco Dust.** Cheaper than snuff, and quite as effectual. A sure remedy for green fly. Per lb., 5c.; 100 lbs., \$3.00.
- Pure Powdered Hellebore.** For rose slugs, currant worms, green fly, etc. Dust on with gun or bellows while the foliage is moist. Per lb., 30c.; by mail, 45c.
- Paris Green. Genuine.** Unexcelled for potato bugs and other insects that eat foliage. Per lb., 30c.
- London Purple.** One of the best destroyers of insects. It is cheaper and less dangerous than Paris Green. The proper proportions for using are at the rate of one pound to 150 gallons of water. The best article for spraying apple trees. Per lb., 20c.
- Persian Insect Powder.** One of the best and safest insecticides for all insects. When blown on with a bellows or gun, it penetrates hidden crevices, and is invaluable to the housekeeper for flies, cockroaches, etc. Per lb., 60c.; by mail, 75c.
- Pure Flour of Sulphur.** Prevents and cures mildew on roses, grape-vines, etc. Apply with gun or bellows. Per lb., 10c.; 15 lbs. for \$1.00.
- Gishurst's Compound.** A famous English preparation for destroying red spider, mealy bug, thrip, etc. In boxes. Price, 60c.; by mail, 80c.
- Whale-Oil Soap.** Pure, fresh, and of finest quality; makes an excellent wash for trees and plants; kills insects and their eggs. In boxes, with full directions for use; 1 lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c.
- Soluble Fir-Tree Oil.** For destroying all insects that infest plants and animals, such as mealy bugs, scale, red spider, green fly, thrip, lice, fleas, etc. Harmless to the hands of the user. Directions with each package. Price, ½ pint, 50c.; 1 pint, 75c.; 1 quart, \$1.40. Large quantities at special price.



TRADE MARK.

**Hammond's Slug Shot.** One of the cheapest and best powders for destroying the cut worm, potato bug, rose bug, rose slug, curculio, worms or caterpillars upon vines, currants and fruit trees. It is an excellent fertilizer, contains nothing injurious to domestic animals, and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with a bellows. 5 lbs., 35c.; 10 lbs., 50c.

- Grape Dust.** A preparation for destroying mildew on grape vines. Can also be used on plants or trees affected with mould, mildew or rust mite, either in greenhouses or the open air. Its diffusibility is great, one part of Grape Dust will spread itself over a greater surface than sulphur. To be thoroughly effectual, it must be applied frequently by dusting, as atoms of fungi are always spreading or floating. Apply at the first appearance of trouble. Dust on a warm, dry day. 5 lb. package 35c.



TRADE MARK.

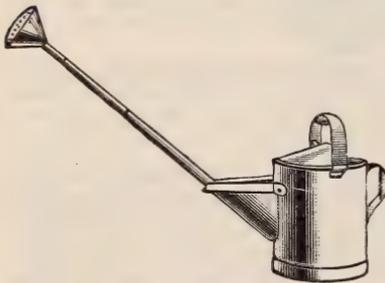
- Litle's Antipest.** This preparation is a sure destroyer of all insect pests, that infest plants, It is non-poisonous and when diluted and used according to directions is perfectly harmless to vegetation. Quart, 75c.; 2 quarts, \$1.50; gallon, \$2.50.
- Canker Worm Exterminator. (Morvill's Tree Ink).** A sure protection to trees from the ravages of grub and canker worm. Directions with each can. 2-lb. cans, 30c.; 5-lb. cans, 60c.; 10-lb. cans, \$1.10; 20-lb. cans, \$2.00; 28-lb. cans, \$2.80; 125-lb. kegs, per pound, 9c. Tarred paper for using with the ink, in rolls about 50 lbs. each, per pound, 4c.

**SWARD FOOD.**

Sward Food is a top Dressing prepared especially to feed the grasses and insure a thick, matted growth of rootlets, resulting in a compact and velvety turf. It also acts as a preventive and destroyer of the Antler or Grass Moth, and contains in soluble form the organic requisites for the healthy and luxuriant growth of all varieties of grasses or vegetables. It is Bone, Ammonia, Nitrates, Tobacco and Sulph-Lime and Potash combined. It is bad for the Grubs and brings no weed seeds; is free from unpleasant odor, and its action is quick and lasting. Apply early in the spring to start the grass. For later use apply it before a rain. Sow it by hand, or, if you wish perfect and even results, apply it through a sieve (not a riddle). It is unexcelled as a Fertilizer for Flowers and Garden Vegetables. Stir it in the soil and it will make your flower bed profuse and beautiful. A 10-pound package is sufficient to cover an area of 300 square feet, or from 800 to 1,000 pounds per acre. Price, 5-pound package, 25c.; 10-pound package, 50c.; 25-pound bags, \$1.00.

**MITCHELL'S SPECIAL VEGETABLE FERTILIZER.**

Mitchell's Special Vegetable Fertilizer is a great favorite with the market gardeners for growing Corn, Potatoes, Peas, Beans, Squashes, Tomatoes, Cucumbers, Spinach, Dandelions, Celery, Lettuce, Asparagus and Cabbage. Mitchell's Special Vegetable Fertilizer is found to be one of great superiority, and just what is needed to hurry along the growth of the above mentioned vegetables. This fertilizer contains Active Ammonia,  $3\frac{1}{2}$  to  $4\frac{1}{2}$  per cent.; Available Phosphoric Acid, 8 to 10 per cent.; Actual Potash, 6 to 7 per cent. As a grass fertilizer it has no competitor. Its compound from animal matter, with the chemical addition, has proven it most desirable.

**WATERING POTS.**

Wetherspoon. 6-quart, \$1.75; 8-quart, \$2.00; 10-quart, \$2.25; 12-quart, \$2.50.

Galvanized. 4-quart, 65c.; 6-quart, 75c.; 8-quart, 85c.; 10-quart, \$1.25; 12-quart, \$1.40; 16-quart, \$1.60; 20-quart, \$2.25.

Green, XX. 1-quart, 30c.; 2-quart, 40c.; 4-quart, 65c.; 6-quart, 75c.; 8-quarts, 90c.; 10-quart, \$1.00; 12-quart, \$1.25; 14-quart, \$1.40; 16-quart, \$1.60; 20-quart, \$2.00.

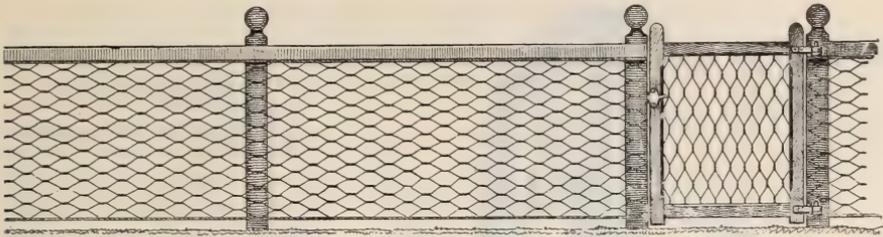
French. 1-quart, 30c.; 2-quart, 40c.; 6-quart, \$1.25; 8-quart, \$1.50.

**WIRE SIEVES.**

For sifting loam, gravel, etc. Strong and well made. Any size of mesh can be furnished. From 16 to 20 inches diameter. 75c. to \$1.50 each.

**McMULLEN'S STEEL FENCING FOR LAWNS, ETC.**

THIS CUT SHOWS METHOD OF PUTTING UP THE FENCE.



CONTINUOUS PIECE OF NETTING SHOWING MANNER OF FASTENING TO POSTS WITH GATES.

McMullen's wire fencing is universally conceded to be *the best*, and I am prepared to furnish it in any *quantity*.

**WIRE POULTRY NETTING.**

I carry the following sizes in stock: 1 to 2-inch mesh from 1 foot to 6 feet wide. Each roll contains 150 running feet. Smaller quantities sold when desired.  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  in. square mesh netting, and many other sizes.

**PAINTS, OILS AND VARNISHES.**

After five years' experience with Princes English Tinted Lead and Princes Derby Paint, mixed ready for use, I find there is nothing offered to excel it for *strength of color and purity of stock*.

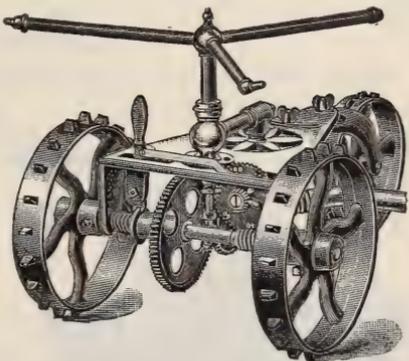
- Putty,
- Enamel Paints,
- Carriage Paints,
- Coach Varnishes,
- Devoe's Colors in Oil and Japan,
- Billings & King's Oil Stains,
- Raynolds' Interior and Exterior Finish,
- Crockett's Spar Varnish,

- Crockett's No. 2 Preservative,
- DeGolyer Rock Finish,
- Berry Hard Oil Finish,

- White Lead { Eagle,
- Jewett,
- Atlantic and
- Pequoit.

Raw Oils, Turpentine, &c., &c.

**LITTLE GIANT TRAVELING**



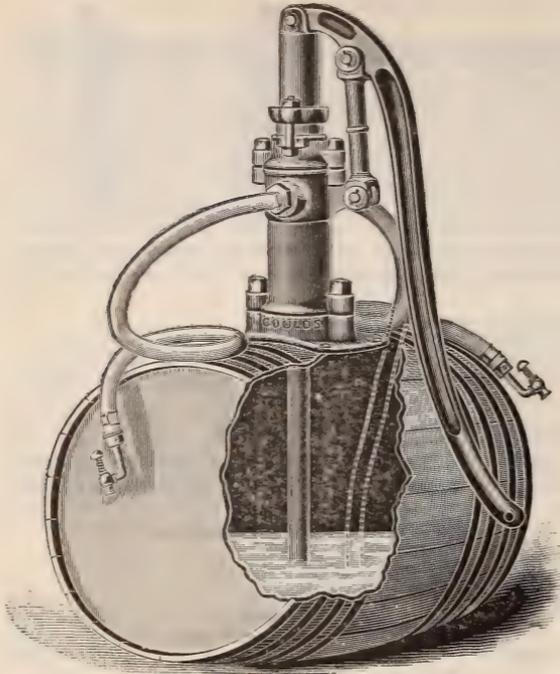
**LAWN SPRINKLER.**

This traveling Lawn Sprinkler is the first one ever invented with the capacity of moving itself over the lawn. Under an ordinary pressure of water it will roll itself slowly and steadily in any direction. It can be gauged to throw the water over a swath anywhere from 5 to 50 feet in width. It can be used as a stationary sprinkler by throwing it out of gear. With a pressure of water as low as 20 pounds it will drag 75 feet of hose, while with a pressure of 60 or 70 pounds it will carry 200 pounds extra weight and drag as many feet of hose.



**LITTLE GEM.**

This force Hand Pump will be found most desirable for spraying trees with the Bordeaux mixture. It will throw a good stream, spray or vapor; especially adapted for the use of petroleum in henhouses.



THE GOULD.

### THE GOULD.

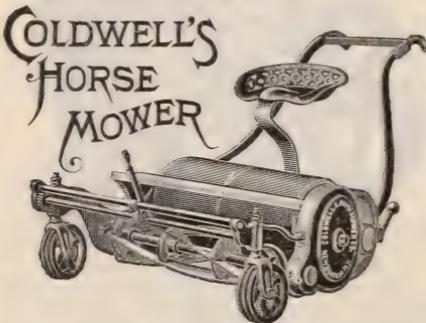
Double-acting force; adapted to the use of Bordeaux mixture from a team in the field. It carries two sprays, at the same time works easy under continuous pressure.

### BORDEAUX MIXTURE.

Recommended as a valuable and indispensable fungicide for Black Rot, Potato Blight, Potato Rot, Leaf Blight of Cherry, Pear, Quince and many other Fungus diseases. I have the necessary chemicals for the preparation of the Bordeaux mixture for sale. Printed directions given with each purchase.

### LAWN MOWERS.

Special attention should be given to the adjustment controlled by a lever while passing to and from the lawn.



We invite especial attention to Coldwell's Horse Lawn Mower. Its sectional caster wheels do not roll down the standing grass, nor leave marks on the lawn. Its side-draught attachment (which is furnished with the three larger sized mowers) allows the horse to walk *only* on the cut grass. We guarantee this to be the *Best Horse Lawn Mower manufactured*, and to do perfect work.

The twenty-five inch mower is furnished with shafts when desired. Horse boots. Full directions for setting up, adjusting, and using, accompany each mower. Every mower fully guaranteed. A trial is solicited. The 30-inch is the usual size.

25 Inch cut, without seat or shafts.  
30 " " with seat and shafts.

35 Inch cut, with seat and shafts.  
40 " " " " " "

I can also furnish the Philadelphia and Pennsylvania Horse Mowers. For description and prices, ask for special circular.

### THE "IMPERIAL."

The principal feature of this machine is that the bottom knife-bar is bolted to the sides, thus making the frame perfectly rigid, while by a new patent hanger the revolving cutter is adjusted to the bottom knife. This is the reverse of the adjustment in all other mowers. When the knives are properly adjusted a lock screw secures them in position.

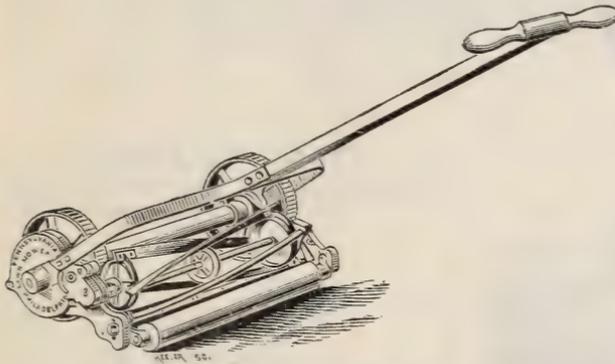
The Positive Triple Ratchet is the simplest and most durable made. The Gears will wear much longer than those in other mowers, as they do not move when the machine is reversed. Our patented Terrace Mowing Attachment has proved a valuable addition, being very simple and effective. List of sizes as follows:

**IMPERIAL.**

- 12 inch, 8 inch wheel.
- 14 " " " " "
- 16 " " " " "
- 18 " " " " "
- 20 " " " " "

**HIGH WHEEL IMPERIAL.**

- 14 inch.
- 16 "
- 18 "
- 20 "



**PENNSYLVANIA  
LAWN MOWERS.**

List of sizes:

- 10 Inch.
- 12 "
- 14 "
- 16 "
- 18 "

For prices on the above see special circulars.

**LAWN MOWER REPAIRING.**

This being a prominent feature in my business for many years, having had a large experience with all the English and American makes, it enables me to better serve and please the people than most persons attempting to carry on this line. A well-equipped workshop, furnished with power, enables me to repair your mower, shears, etc., making them as good as new, which will be done at moderate prices.

**Low Wheel.**

List of Sizes:

- 10 Inch
- 12 "
- 14 "
- 16 "
- 18 "
- 20 "



**PHILADELPHIA SPRING PAWL LAWN MOWER.**

**NEW MACHINES FOR CUTTING HIGH GRASS.**

The best ever put upon the market for large lawns, rough grounds, etc. Will cut grass 6 to 10 inches high; have cut 12 inches high. Fully equal to the regular machines in short grass. Wheels 10½ inches high. For prices see special circular.

- 15 inch, weight 48 lbs., 6½ inch open cylinder, 4 cast steel knives.
- 17 " " 51 " " 6½ " " " " 4 " " " "
- 19 " " 54 " " 6½ " " " " 4 " " " "
- 21 " " 57 " " 6½ " " " " 4 " " " "

**LAWN HAND CARTS.**

Made with large flaring racks and wide tires, especially for use on lawns, for leaves, grass, etc. The racks can be removed when desired and the cart used without them. Made in two sizes.

**GARDEN ROLLERS.**

2	Sections, each	7½ in.	long by	15 in.	diam.
3	"	7½	"	15	"
1	"	12	"	20	"
2	"	12	"	20	"
1	"	20	"	20	"
1	"	12	"	24	"
2	"	12	"	24	"
1	"	12	"	28	"
2	"	12	"	28	"

**FIELD ROLLERS.**

3	Sections, each	12 in.	long by	20 in.	diam.
4	"	12	"	20	"
5	"	12	"	20	"
4	"	12	"	24	"
5	"	12	"	24	"
6	"	12	"	24	"
4	"	12	"	30	"
5	"	12	"	30	"
6	"	12	"	30	"

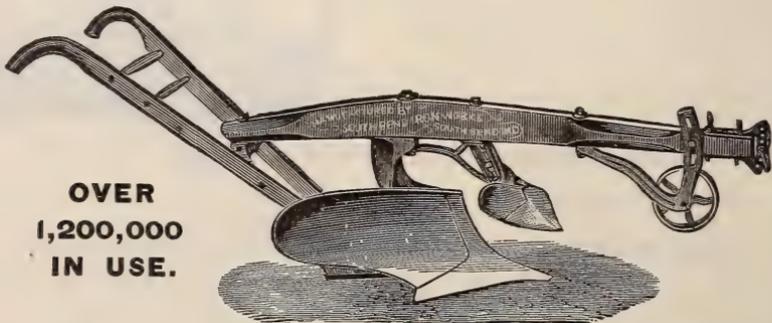
Seat, with spring, extra.

**SPRINKLING CART.**

Our Sprinkling Cart is indispensable about parks, cemeteries and country seats for watering roads, drives, walks, lawns, etc. The wheels have wide tires and the whole outfit is well made. It can also be used as a Tank Cart for carrying water, spraying trees and removing matter from cesspools, vaults, etc. We show also a Spraying Pump which can be used in connection with this Cart for spraying trees and crops.

**ADJUSTABLE WATER BARREL TRUCK.**

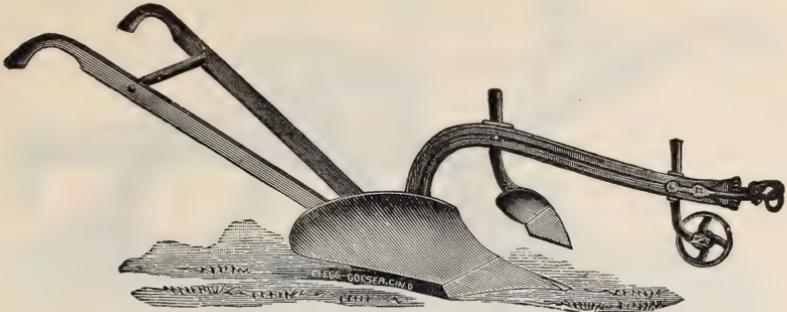
For carrying water and innumerable other purposes. A very useful cart, and many are sold. We now make them so the barrel can be readily detached from the frame, and thus several barrels can be utilized if required. With barrel or box. Barrels with trunnions furnished extra.



**OVER  
1,200,000  
IN USE.**

No. 40, with Wheel and Jointer.  
**OLIVER PLOW.**

B. Medium.      20. Medium.      10. Heavy.      E. Heavy.      19. Light Two Horse.



**SYRACUSE PLOWS.**

With Steel Beams, Landslides and Moleboard.

These we consider to be the finest Landslide Plows manufactured; all wearing parts, excepting points, are made of steel, and I can furnish steel points when desired. These plows have never failed to give entire satisfaction.

- No. 31. Plain, weight, 108 pounds.      No. 32. Plain, weight 103 pounds.

**CONICAL PLOWS.**

- |  |                          |
|--|--------------------------|
| No. 1. Furrowing Plow.                   | No. 5. Old Ground,       |
| “ 2. Light Horse Plow.                   | “ 5½. Sod, 3 Cattle,     |
| “ 2½. Medium Horse,                      | “ 6. Sod and Old Ground, |
| “ 3. Light Two Horse,                    | “ 8. Sod, 4 Cattle.      |
| “ 4. Sod and Old Ground,                 |                          |
| Plain, with cutter, or wheel and cutter. |                          |

**WRIGHT'S PLOWS.**

- |  |                   |
|--|-------------------|
| Heavy Road,                              | No. 1. Wright's.  |
| No. 3. Wright's.                         | “ 0. “            |
| “ 2½. “                                  | “ 2. Wood's Plow. |
| “ 2. “                                   |                   |
| Plain, with cutter, or wheel and cutter. |                   |

**IMPERIAL CHILLED PLOW.**

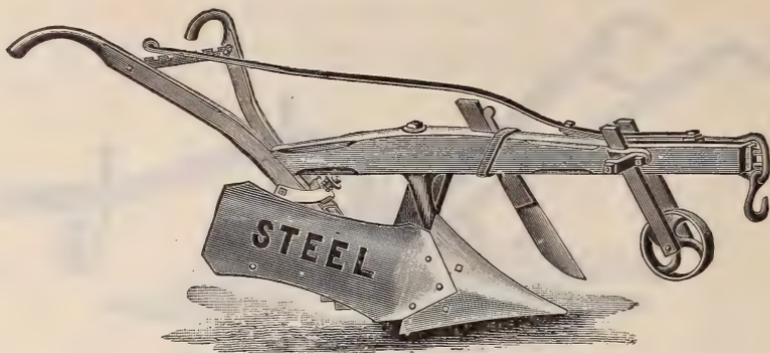
WOOD BEAMS.

- |  |
|--|
| No. 8. One Horse, Plain, Wheel, Wheel and Jointer. |
| “ 9. “ “ “ “ “ “ “ “                               |
| No. 10. Two “ “ “ “ “ “ “                          |
| Junior. “ “ “ “ “ “ “                              |

**FRYE'S PLOWS.**

Steel and Cast Plows, Nos. 2 and 3.

**DOLE'S CAST PLOWS.**

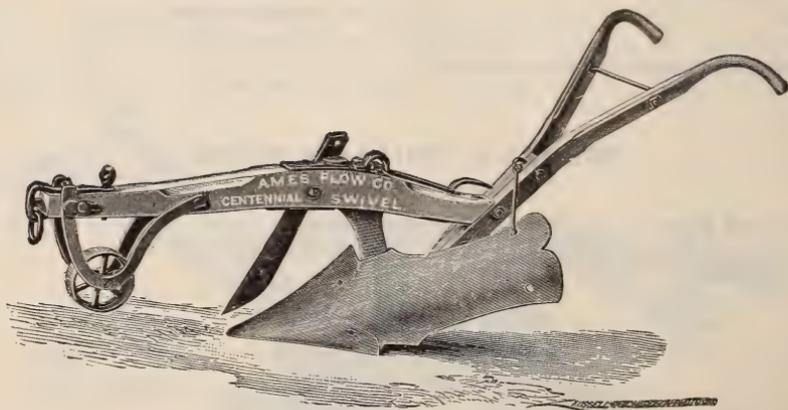


THE "76" SWIVEL PLOW.

The castings are all made of old car wheels, the toughest and hardest, as well as the most expensive iron in use; they will wear twice as long as ordinary plow castings. The wood work is of northern ash, finished in oil and varnished; this is the whitest and strongest wood used in plow work, and does not twist or warp out of its original shape. The cutters are of solid steel, drawn out sharp and tempered.

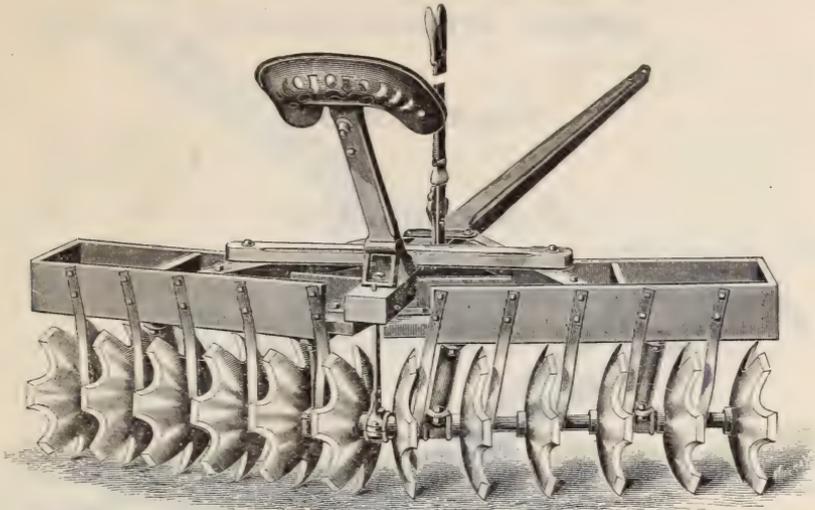
#### THE NEW STEEL LEVER SHIFTING CLEVIS

can be instantly changed by the plowman while the team is in motion, giving the plow more or less land as desired. This lever rests in iron notches between the handles. Is simple, strong, durable, and cannot get out of order.



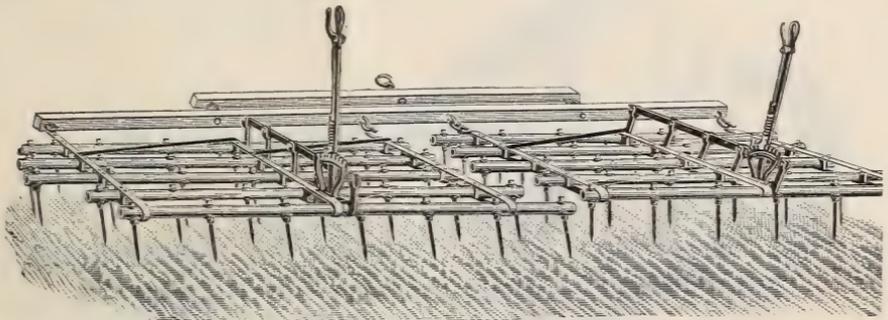
CHILLED CENTENNIAL SWIVEL PLOW.

FULLY TESTED, LIGHT DRAFT, BEST QUALITY WORK.



### CUT AWAY DISC HARROW.

This Harrow having been on the market under different patterns of frame for some 10 years; until '92 it had a spring frame; it is now constructed with box frame, adjustable by loose reversible gangs. Without doubt this is the only pulverizing harrow to buy. I have placed hundreds of them during the past few years, and the increasing trade testifies to its merits. Furnished also with solid discs when desired. See special sheet of testimonials from those who are using it.



### STEEL LEVER SMOOTHING HARROW.

This Harrow has all the advantages of the smoothing harrow. It enables the driver to adjust the teeth to clean from weeds and stubble, or bring them to a straight position for pulverizing in heavy soil; it is made adjustable to men, also to the team.

### THE THOMAS HARROW OR PULVERIZER.



No. 1, 1 section, 24 teeth.

No. 2, 2 sections, 48 teeth.

No. 30, 3 sections, 72 teeth.

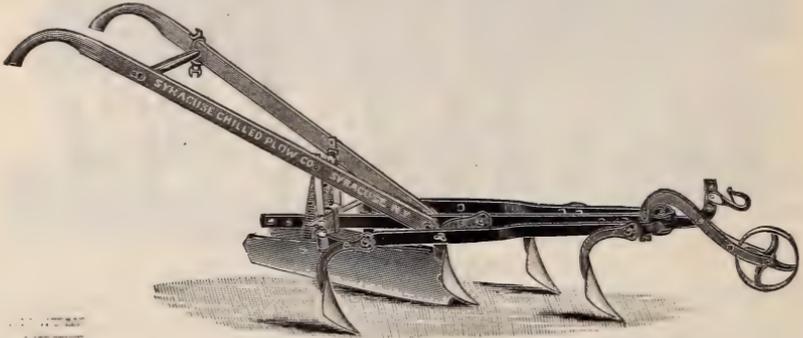
No. 31, 3 sections, 72 teeth.

No. 4, 4 sections.

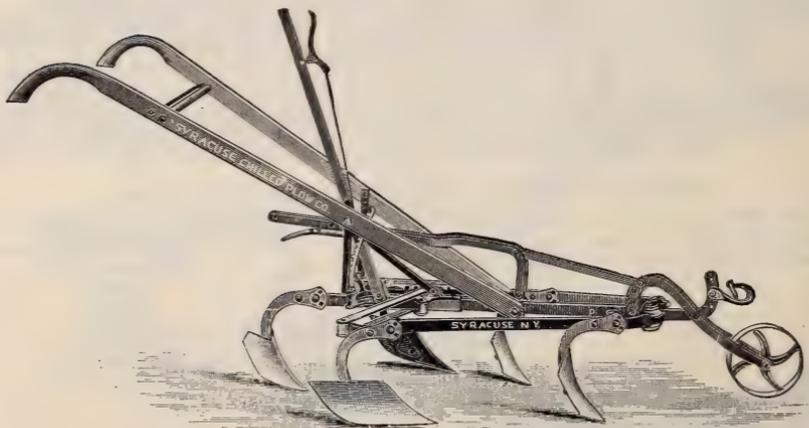
Seat, extra. Harrow No. 30 for common soil not stony, and No. 31 for clay and heavy soil.

**MORGAN SPADING HARROW.****TIGER HARROW.****CLIMAX HARROW.**

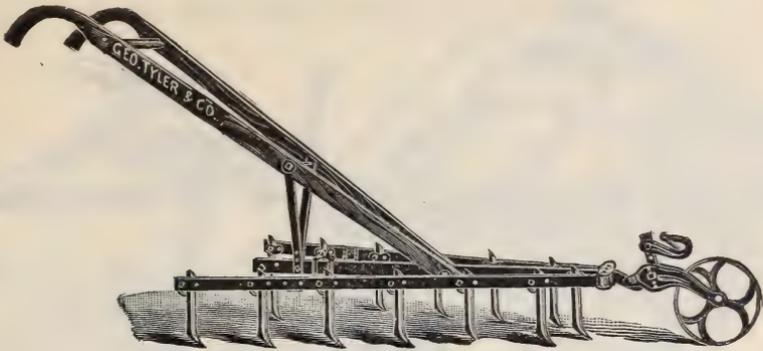
Price upon application.

**No. 76 SYRACUSE STEEL-FRAME CULTIVATOR.**

Complete, with long hilling wings and five Plain Points.

**No. 38 SYRACUSE STEEL-FRAME LEVER CULTIVATOR.**

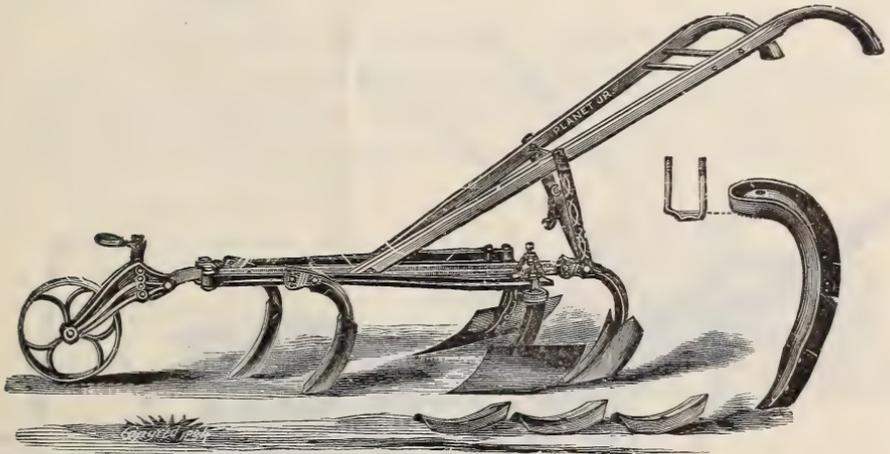
Complete, with Expanding and Wheel Levers, five Plain Points. Extra Shovel and Wing Point. For prices and fuller description on the above machines ask for special circulars.



### COMBINED HARROW AND CULTIVATOR.

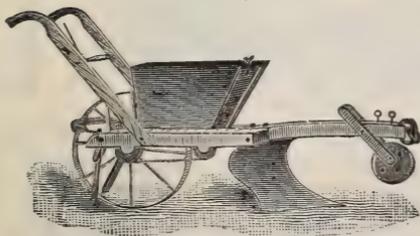
Steel Frame and Steel Diamond Teeth, with or without lever.

This cut represents a combination of a Cultivator and Harrow, with teeth of steel, diamond-shaped, with a small cultivator tooth forged on one end. The teeth can be placed in four different position. In dog grass and early hoeing it is invaluable; every gardener and farmer should have one.



### PLANET JUNIOR HORSE HOE.

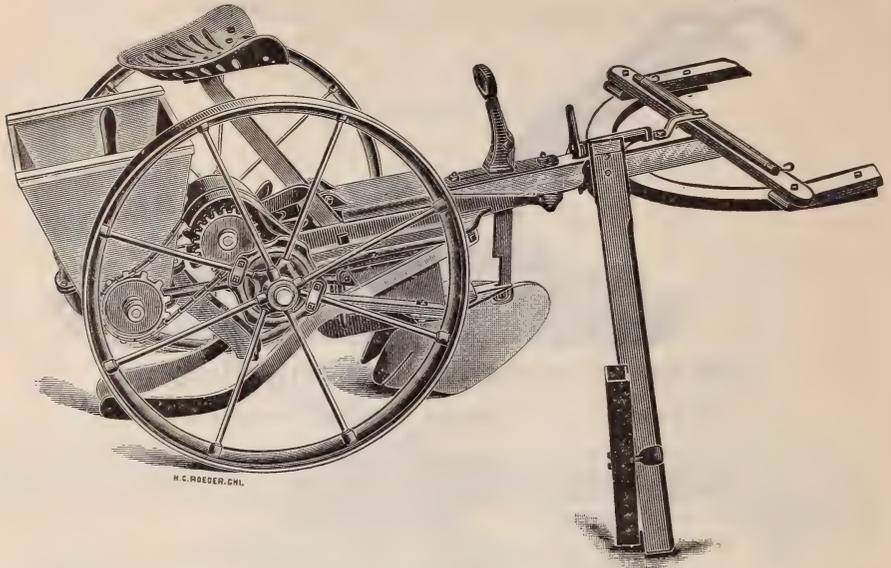
Send for special Catalogue of cuts and prices.



### ACME POTATO GROWERS' PLOW AND FERTILIZING MACHINE.

Used with great satisfaction for several years and now offered with improvements. The fertilizer attachment works on the same principle as above machines; capacity about 50 pounds.

The Double Moldboard Plow opens a trench 4 to 8 inches deep, and the fertilizer is mixed with the soil by the 2 stirring blades.

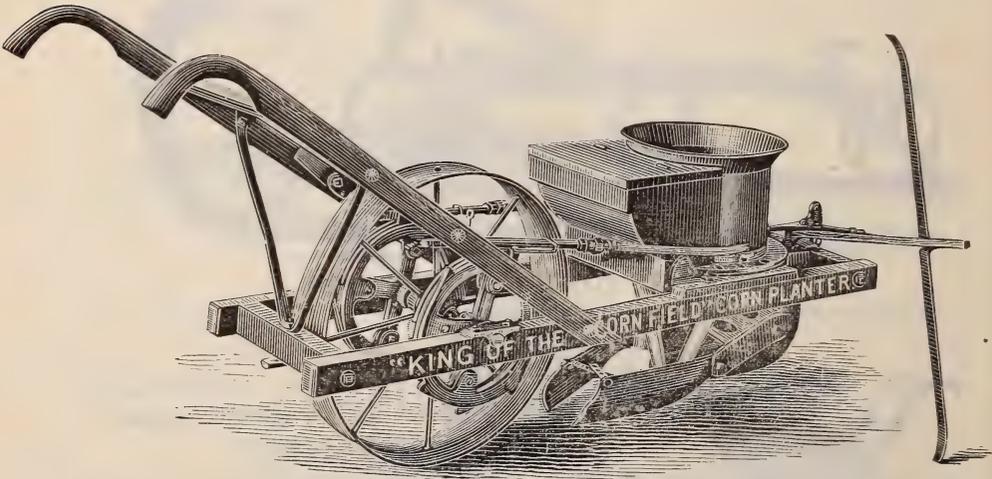


### "ASPINWALL" CORN AND BEAN DRILL.

This machine is undoubtedly the best and cheapest riding planter in America. It plants corn, beans, peas, and sows corn for fodder.

Its capacity is from ten to twelve acres per day. Can be changed from a Corn Planter to a Bean Planter instantly.

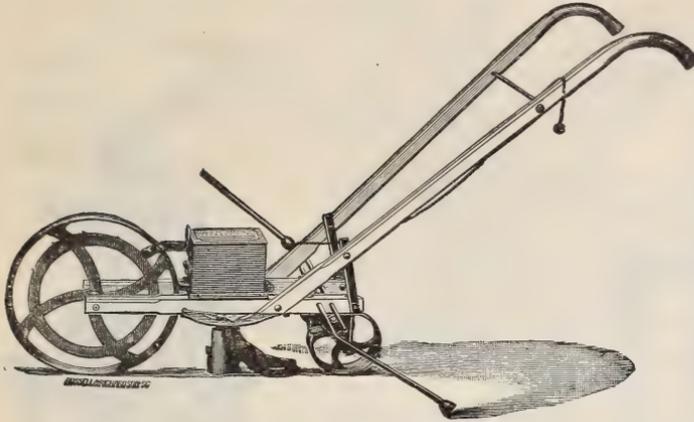
Extra slides for planting different kinds and quantities of seed with every machine.



### KING OF THE CORN FIELD, CORN AND SEED PLANTER.

This is the most complete planter on the market. Its capacity to plant any kind of seeds, such as corn, beans, peas, in quantity from 4 quarts to 2 bushels per acre, dropping in separate hills from the fertilizer, is dropped in two separate rows each side of the hill. It will drop from 100 pounds to a ton per acre. It is instantly changed while in motion from close to a wide planting. It is sold on its merit; warranted to suit or no sale,

**A. H. MATTHEWS' GARDEN DRILL.**



This drill can be recommended as a perfect drill for sowing all kinds of vegetable seeds. The markers can be easily managed entirely by the foot. It is carefully and accurately made, and is strong and durable.

**A. H. MATTHEWS' LITTLE GEM DRILL.**

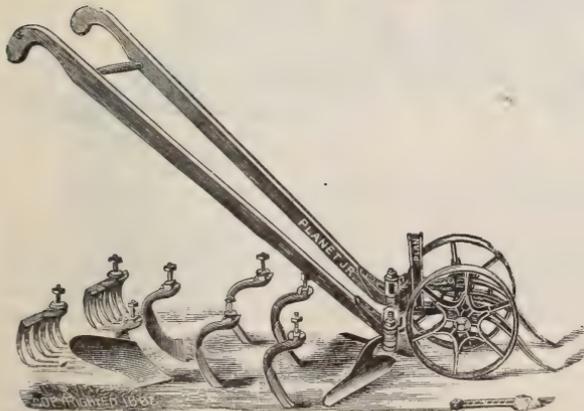
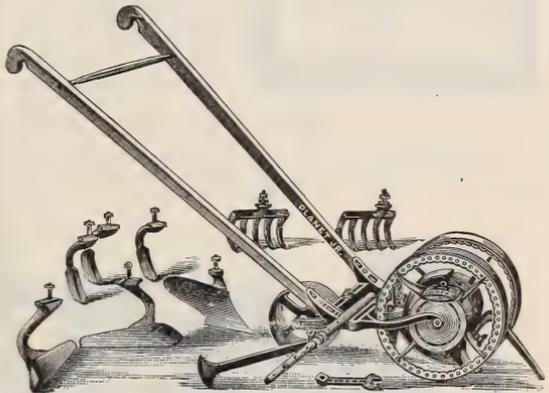
This little implement supplies a long felt want among small gardeners for an inexpensive drill which will do perfect work.

**"PLANET JR." GARDEN SEED DRILLS.**

The "Planet Jr." Hill Dropping Garden Drill for rows or hills.

The "Planet Jr." Combined Hill Dropping and Fertilizer Drill.

The "Planet Jr." Combined Drill, Wheel, Hoe, Cultivator, Rake and Plow.



The "Planet Jr." Double-Wheel, Hoe, Cultivator, Rake and Plow Combined.

See Special Catalogue illustrating Hand and Horse Goods.

## ASPINWALL POTATO CUTTER.

The pieces are cut much better in shape, and there being no very thin ones they are less liable to become dried than those ordinarily cut by hand.

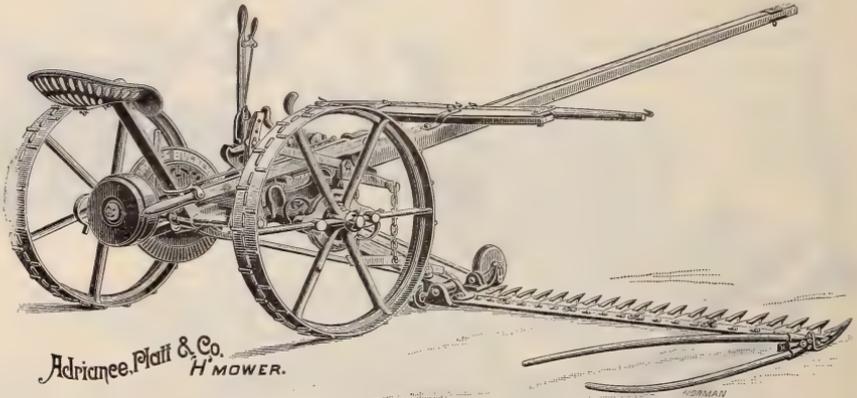
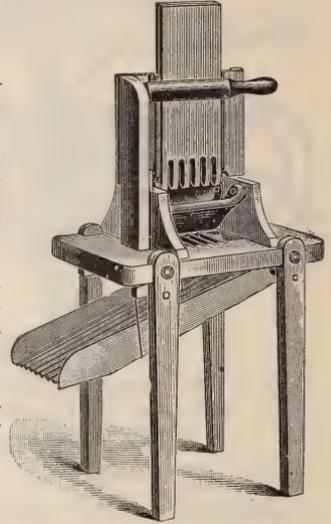
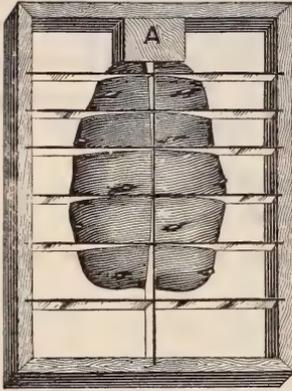
The machine is easily worked by one man or boy. The saving of labor is enormous, and where a large acreage is planted it will pay for itself in a single day.

The work of this cutter will make a very fair distribution of the Eyes of the Potato, and we guarantee the work done to be better than the average hand labor.

The construction of the POTATO CUTTER is simple. It consists of a series of knives secured in an opening of the table. The potato is placed in a pair of hinged jaws above the knives, and by a plunger brought down upon the seed; and at a single stroke the potato is cut and the eyes divided in a most satisfactory manner without any injury whatever to the seed.

A screen is placed below to free the seed from any dirt or chips, and more thoroughly prepare the cuttings for planting.

This little machine is exceptionally well adapted for cutting seed for the Potato Planter, and by its use will save many cracked and bleeding fingers.



## ADRAIRIE'S BUCKEYE MOWER.

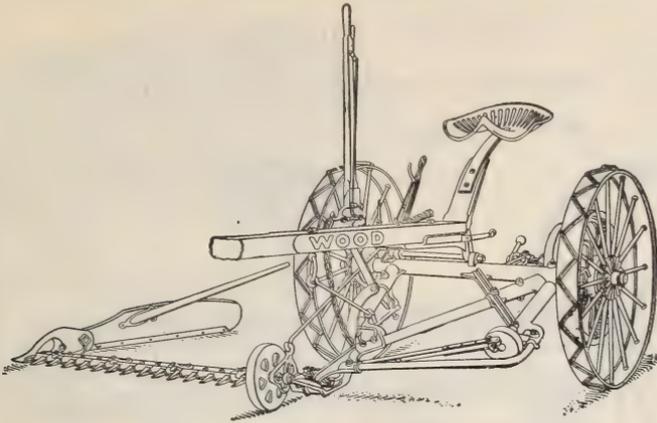
Having had an experience of 20 years' from the making to the field in field mowers, selling all kinds and makes, I commend to you this mower as the best in the market up to this date. Its many points I cannot explain in this space, but call your attention to the folding hand lever, the tilted seat, foot-lifting device, its cutting operation and its durability. Do not fail to call for fully illustrated catalogue and prices.

One Horse, 3 ft. 6 in. cut.

Two Horse, 5 ft. cut.

Two " 4 ft. 6 in. cut.

" " 6 ft. cut.



### WOOD STEEL MOWER.

This Mower, the widest known to America after years of change and trial, as today constructed, is the lightest draft, simplest and the only all steel mower in the market. See special catalogue showing testimonials as to its merits.

### THE CHAMPION MOWER.

Simply constructed with an oscillating displacing gear, that gives a vibration to the knife without the objectionable pitman to come in contact with cut grass and rocks; it cuts equally as well with a perpendicular bar, is the handiest mower among trees and rocks yet produced; it fully supports its name and merits the attention of the buyer. Special catalogue will illustrate its many points.

### MOWER PARTS AND REPAIRS.

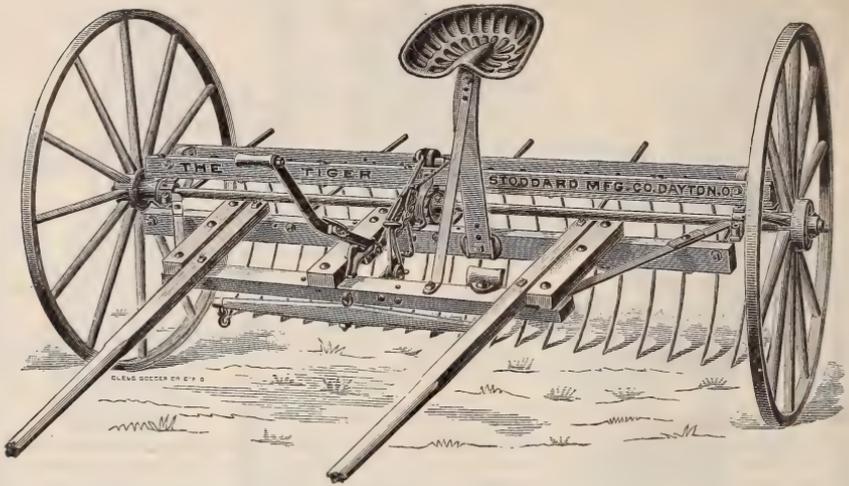
Being fully equipped with machinery for repairing, and carrying a full line of parts for all makes of Mowers, Tedders, Rakes and All Farm Implements, I invite your early attention to your needs in this line.



### ADVANCE HAY TEDDER. Six Feet Spread.

This Tedder has a fork outside each wheel, the distance between the wheels is much lessened, and the Tedder much easier handled by a light horse. Also the grass passed over by the wheel is picked up and thoroughly shaken, leaving no wheel tracks.

MUNGER'S FOLDING FORK.  
AMERICAN REVOLVING TEDDER.



**TIGER RAKE. Self Clamp.**

The simple fact that has made this Rake the leader in New England is its construction. It dumps from the centre; it has steel shaft its entire length. A child can dump it either by hand or foot; rakes clean, runs easy, never clogs; made in either wood or steel frame and wheels. Call for special catalogue.

DODD'S TAYLOR RAKE.  
NEW YORK CHAMPION RAKE.

STUDEBAKER BROS.'  
WAGONS.



**THIMBLE-SKEIN FARM WAGON.**

Studebaker's Farm Wagons are fast finding their way into the farmers' field because they are cheap, at the same time well made; the steel skein axle makes them stronger, larger bearings and will wear a lifetime.

Call for special catalogue.



**LITTLE GEM SPRINKLER.**



**PATENT STEEL SKEIN.**

The Skein problem solved. See special circular.



**GARDEN BARROWS.**

Furnished with Wood Hubs, but can be furnished with 6 Spoke Iron Hubs when so ordered.

**GARDEN WHEELBARROWS.**

Full size, eight spoke Barrow.

- No. 4, Medium.
- No. 5, " "
- No. 6, Large.

**BOYS' BARROW.**

- No. 1, Small.
- No. 2, Medium.
- No. 3, Large.



**LANSING BARROW.**

Common, Climax, Lansing, Capitol. Prices upon Application.

**FARM DUMP CART.**

Our Medium Farm Cart, of which we sell a large number, is strongly made, but light enough for general farm work. The Light Farm Cart is same general style, only smaller and lighter, and intended only for light work. The Heavy Farm Cart is very strong, and is all that is needed for any use on the farm. We can furnish the Medium and Heavy Carts with Front, Side and Rear Ladders for hay.

Light Farm Cart.

Medium Farm Cart.

Heavy Farm Cart, with extra shifting front board.

Shifting Side and Front Boards, for Medium Cart, extra.

Shifting Side Boards, for Heavy Cart, extra.

**STEEL ROAD SCRAPERS.**

Bowl stamped from one solid steel plate with runners on bottom to save wearing bowl.

No. 3. One Horse.

No. 0. Large, Three or Four Horse.

No. 2. Two Horse.

If without runners, less.

No. 1. Large, Two or Three Horse.

**ROAD SCRAPERS.**

The Nos. 1 and 2 sizes are suitable for One Horse. The Bowls of these are Cast Iron.

No. 1. One Horse.

No. 4. Three Horse.

No. 2. One or Two Horse.

No. 5. Four Horse.

No. 2½. Two Horse.

No. 6. Four Horse.

No. 3. Two Horse.

**DRAG OR STONE BOAT.**

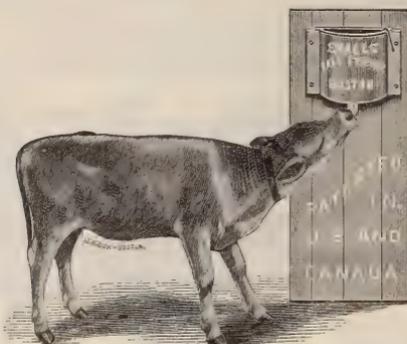
Made of Hard Wood and strongly bolted together.

One Horse and two sizes.

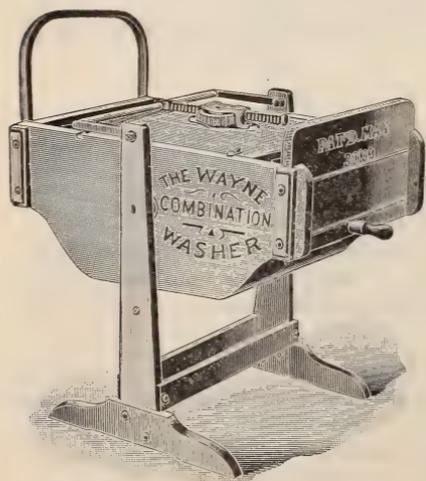
**OX YOKES COMPLETE.**

No. 1.	7 in.	on neck by	19 in.	between bows.	No. 5.	9 in.	on neck by	23 in.	between bows.
" 2.	7½ "	" "	20 "	" "	" 6.	9½ "	" "	24 "	" "
" 3.	8 "	" "	21 "	" "	" 7.	10 "	" "	25 "	" "
" 4.	8½ "	" "	22 "	" "					

Also larger sizes of Yokes, Sliding Yokes, Milk or Sap Yokes, etc.

**SMALL'S CATTLE FEEDER.**

This is a device by which the calf may be fed away from its dam, and with any mixture of milk, skim milk, warm water, porridge (or whatever else is healthful and desirable) with convenience and in the natural way with that admixture of saliva which does not occur when calves drink from a pail. With these feeders calves may be fed several times a day just as they suck when running with the cow; secures rapid growth, quick fattening, freedom from scours and good health generally.

**WAYNE COMBINATION CLOTHES WASHER.**

At a late date I have arranged for the agency of this washing machine, which is the most practical one on the market. While the plunger has the rotary reversible motion, the rocking and slushing of the water gives the same results as the power machines used in the steam laundries. Works light and saves time. Put out on two weeks' trial with responsible parties.



**THE BLANCHARD CHURN.**

No. 3.	For up to about 2 gal. cream.
" 4.	" " " 4 "
" 5.	" " " 8 "
" 6.	" " " 12 "
" 7.	" " " 16 "

**BARREL CHURN.**

No. 1.	10 gal. churns from 1 to 4 gals. cream.
" 2.	15 " " " 2 to 7 " "
" 3.	20 " " " 3 to 9 " "
" 4.	25 " " " 4 to 12 " "
" 5.	35 " " " 5 to 16 " "
" 5 $\frac{1}{2}$ .	48 " " " 5 to 20 " "
" 6.	60 " " " 6 to 28 " "

Pulley for power extra.

**U. S. CREAM SEPARATORS.**

This engraving illustrates the dairy sizes U. S. Cream Separators. It will be observed that the general construction of the machine is more substantial than any other.

The construction of the interior is less complicated, has fewer parts to clean, and does the most thorough skimming or separating of cream from the milk.

**Capacity.**—The capacity of the No. 3 is 600 pounds per hour as a Separator. No. 4 is 400 pounds of milk per hour as a Separator. No. 5 is 300 pounds as a Separator. They can be operated by hand power, or animal, steam or other power.

**Cream Screw.**—They are furnished with a regulating cream screw to change the density of the cream to any desired thickness; and are as complete in this particular, as well as in others, as the large machines that are giving such great satisfaction.

No. 3.	For Separating Cream only.
" 3.	For Extracting Butter only.
" 3.	Combined to Separate Cream or Extract Butter.
" 4.	For Separating Cream only.
" 4.	For Extracting Butter only.
" 4.	Combined to Separate Cream and Extract Butter.
" 5.	For Separating Cream only.
" 5.	For Extracting Butter only.
" 5.	Combined to Separate Cream and Extract Butter.



**REID'S IMPROVED BUTTER SHIPPING BOXES.**



24- $\frac{1}{2}$ lb. prints.	30-1 lb. prints.
36- $\frac{1}{2}$ " "	40-1 " "
64- $\frac{1}{2}$ " "	56-1 " "
20-1 " "	Wood or Tin Trays.

**BUTTER PRINTS.**

Each cake engraved with a neat design.

No. 3 Makes 4- $\frac{1}{2}$  lb. Cakes.

" 5 " 8- $\frac{1}{2}$  " "

Any design or initial engraved to order at slight advance in price.

**BUTTER MOULDS.**

Six Sided Cedar,  $\frac{1}{2}$  lb.

" " " " I "

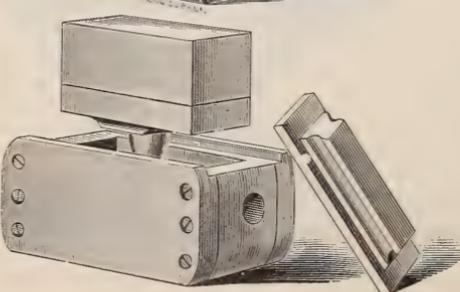
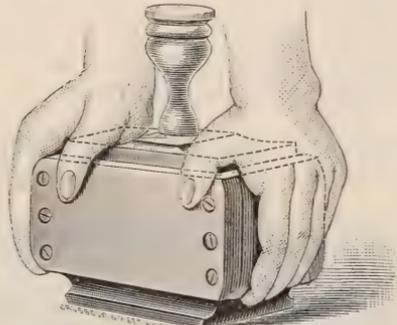
Hand Butter Stamps, 3 $\frac{1}{4}$  in.

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

Round,  $\frac{1}{4}$  lb.

" "  $\frac{1}{2}$  "

Butter Spats.



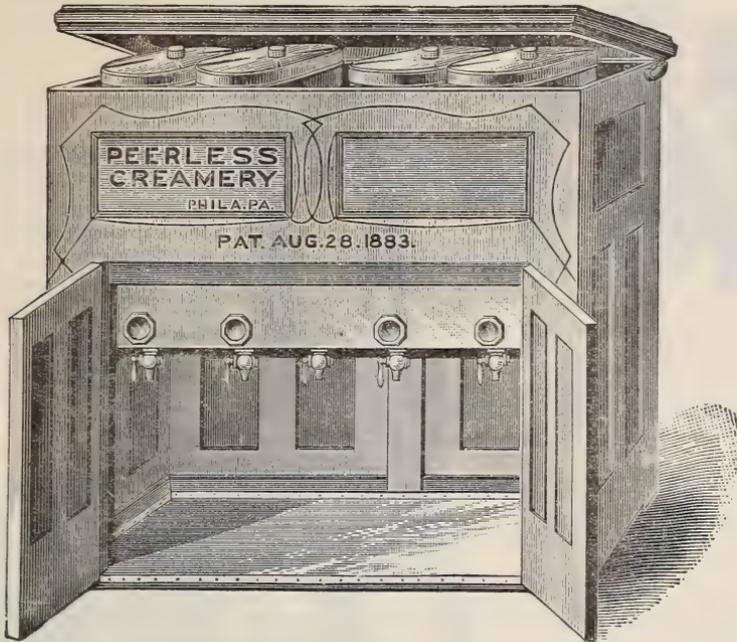
**REID'S BUTTER MOULDS.**

Fig. 1 represents the butter as being in the mould, and the hands of the operator in the act of pressing.

Fig. 2 shows the butter moulded on the print ready to be taken and turned on to a tray or elsewhere, when it will show the printed face.

With this mould, very firm butter may be printed. As shown in Fig. 1, the operator can not only put his entire weight on the print, but at the same time he may clasp the base with his fingers, thus add the power of the grip, and further, by giving the print block a rocking motion by pressing alternately with each hand. The mould, with the butter in it, may be quickly turned the other side up by lifting it with a finger of each hand in the small depressions in ends of box, when the base may be removed and the butter pushed out as shown in Fig. 2.

Descriptive circular and price list furnished upon application.



**REID'S PEERLESS CREAMERY.**

The Peerless Creamery is more especially intended for water alone. The cans are oblong, 14 inches long, 5 inches wide and 14 inches deep, thus giving larger cooling surface. We have a large ice space in rear of, and also between the cans; in the No. 4 we have the space between the two middle cans, 7 inches; also, in all the other sizes we have a large space between second and third, fourth and fifth, sixth and seventh. In these, as in the round can Creamers, we use a straight faucet underneath, which is easily cleaned. The glass to observe the cream is in the nut and not in the can, so is easily repaired if accidentally broken.

No.	No. of Cans.	No. of Cows.	Height.	Length.	Width.	Weight.
2	2	4 to 6	35 inches	25 inches	23 inches	100 lbs.
3	3	7 to 9	35 "	34 "	23 "	125 "
4	4	10 to 12	35 "	41 "	23 "	160 "
5	6	13 to 18	35 "	61 "	23 "	220 "
6	8	19 to 24	35 "	77 "	23 "	280 "
7	10	25 to 30	35 "	80 "	23 "	320 "
8	12	31 to 36	35 "	96 "	24 "	440 "

**PHILADELPHIA BUTTER WORKER.**

No. 4. Capacity 8 lbs.  
 " 3. " 20 "

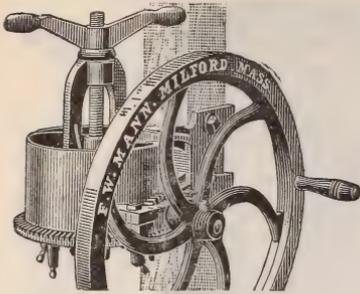
No. 2. Capacity 30 lbs.  
 " 1. " 50 "

**MORE'S PYRAMIDAL STRAINER.**

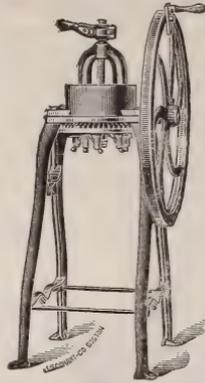
Strains rapidly. Will not clog.

With Rest or Funnel.

With Rest and Funnel.



**No. 6. Post Bone Cutter.** Weight, 98 lbs. This machine is fully perfected and its working parts are the same in size and form as the standard No. 2 and No. 8. They have been made stronger and ought to last a lifetime.



**No. 2.** Weight 142 lbs. Capacity  $\frac{1}{2}$  to 1 lb. per minute. It is recommended to those having a limited number of fowl as the best that can be made for converting bone with meat and gristle attached into poultry food.

**MANN'S BONE MILLS.**

**OHIO GRIND STONES.**

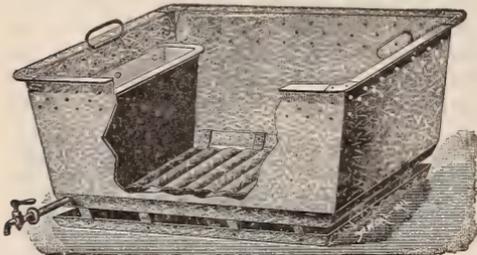
Mounted on soft wood frames, in the following sizes complete: 20, 22, 24, 26, 28, 30.

**NOVA SCOTIA GRIND STONE.**

Mounted on oak frames, put up by myself, complete in the following sizes: 24, 30, 33, 36 and 39.

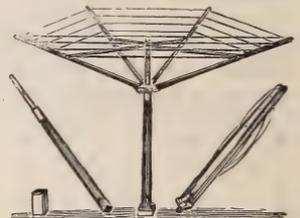
**FAMILY GRIND STONES.**

Complete with Iron Troughs. In sizes as follows: 6, 8, 10 and 12 inches. Prices upon all of the above given upon application.



**THE GURNEY REFRIGERATOR.**

Uses the PATENT removable galvanized ice compartment, which always ensures cleanliness. Examine this refrigerator before buying.

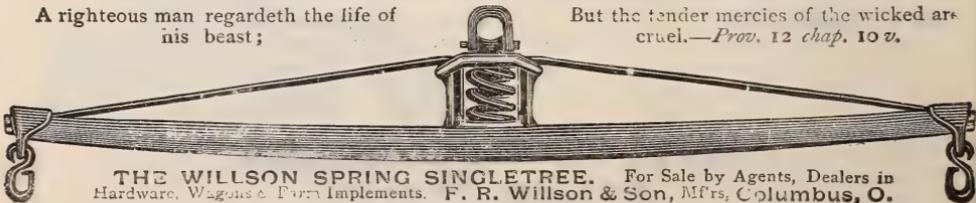


**GRANT CLOTHES DRYER.**

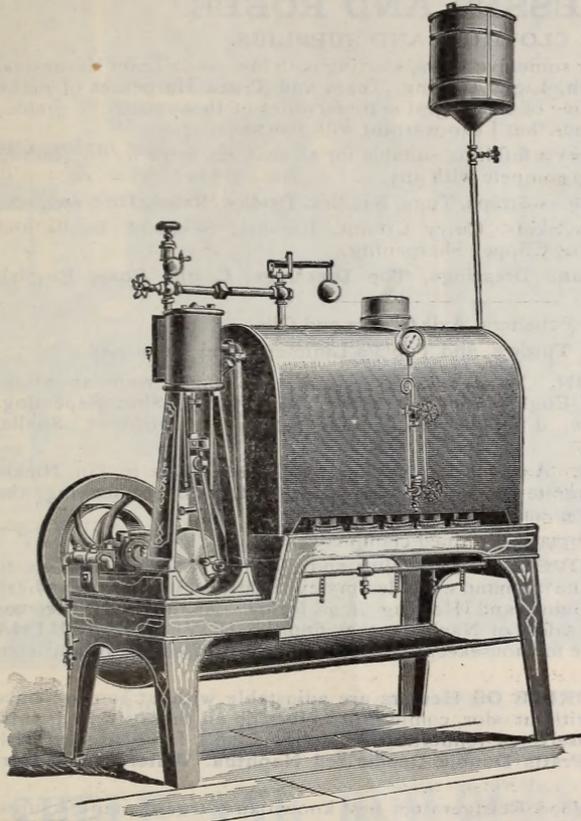
Simple easily worked. Can be spread or folded in a minute.

A righteous man regardeth the life of his beast;

But the tender mercies of the wicked are cruel.—Prov. 12 chap. 10 v.



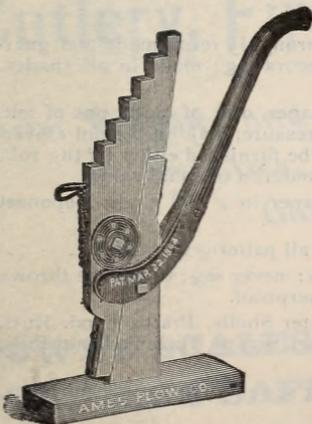
**THE WILLSON SPRING SINGLETREE.** For Sale by Agents, Dealers in Hardware, Wagons & Farm Implements. F. R. Willson & Son, Mfrs, Columbus, O. **WHIFFLETREE.**



This Engine is especially adapted for light power purposes; it is in every way automatic, self-feeding in fuel, self-governing in supply of water; 10 minutes from time of lighting it is in operation. Specially desirable for pumping, Churning, Cream Separating, Hay Cutting, etc.

Call for special catalogue with prices.

OLD'S GASOLINE STEAM ENGINE.



LITTLE GIANT WHEEL JACK.

Simple, Light, Durable, Efficient.

Nos. 0, 1, 2, 3. Plain.

Nos. 1, 2, 3, 4. With Ironclad Notches.

Has a greater demand than any other in the market.

Prices given on the above upon application.

**HARNESSES AND ROBES.****HORSE CLOTHING AND SUPPLIES.**

This line I have handled for some five years, starting with low grade Team Harnesses. Today my line covers fine Coach, Light Driving, Team and Truck Harnesses of many makes. Being connected with one of the largest manufactories of these goods, it enables me to furnish my trade with goods that I can warrant will give satisfaction.

**Blankets, Robes, etc.** I carry a full line, suitable for all seasons, made by the leading mills of the country, at prices to compete with any.

**HARNESS PARTS.** Such as Straps, Tugs, Saddles, Bridles, Reins, Bits, etc., etc.

Whips, Sponges, Chamois Skins, Curry Combs, Brushes, Scrapers, Bands and Towels, Clippers, Shears, Combs, Clipper Sharpening.

Harness Oils, Blackings and Dressings, Top Dressings, Castile Soap, English

Crown Soaps, Silver and Brass Polishers, Axle Grease and Oils.

Sloan's, Daniels', Haven's. Tuttle's, and Tobia's Liniments and Medicines.

**GUNS and AMMUNITION.** My line in these goods will merit your attention. Breech Loading Shot Guns of English and American makes. Single Shot Repeating, and Flobert Rifles. Revolvers, different makes and patterns. Cartridges, Shells, Caps, etc.

**TIN and AGATE WARE.** A most complete line of Kitchen Ware in Tin, Nickle and Copper Enamel Ware, Granite Ware, manufactured on steel stock, making the most popular cooking dish on the market.

Steel Hollow Ware never breaks, tin lined clamp covers.

**OIL and NAPHTHA STOVES,** both Cooking and Heating. Adding this line to my stock in "'03" I found the demand exceeded my expectations, and this year have added **GAS STOVES** for Cooking and Heating in all forms. As the public becomes more familiar with the uses and safety of Naphtha, they find the **JEWELL NAPHTHA STOVE** an indispensable article for housekeeping in both matters of economy and convenience.

**COLUMBIAN and FAVORITE Oil Heaters** are adjustable without screws; have no soldered joints, and burns without odor, combining as they do all these strong points, they have established for themselves a reputation second to none. In connection with these goods I carry a stock of **Pratts Double Deoderized Naphtha, Water White Kerosene and Pratts Astral Oil.**

**Cooper & McKay's Soft Wood Refrigerators** best known and largest manufactures in America, perfect circulation, double cover; elegantly finished.

**Glazed Stone Ware** in all its branches, comprising Cake Pots, Jugs, etc.

**Mason's and Lightning Preserve Jars, Jelly Tumblers and Preserving Kettles.**

**BASKETS and HAMPERS** in Splint, Willow and Rattan.

Extra fine line of **HAMMOCKS,** and a general line of **SPORTING GOODS.**

**RUBBER HOSE** in all sizes and brands.

**Newport Agent for CHURCH'S PLASTICO.** I thoroughly recommend and guarantee this as the best article manufactured for **Ceiling Decorating;** made in all shades, ready for mixing with cold water.

**ROCK ROOFING PAPER** is made of one layer of paper, one of cloth, one of felt, covered with asphalt and gravel rolled on under heated pressure, making a Roof Covering unsurpassed by any known material. This paper can be furnished either by the roll, or laid by contract for less money than any other roofing material of equal value.

The celebrated **Wire Edge Medal Brand Roofing Paper** in 2 and 3 ply **Neponset Waterproof Sheathing and Carpet Paper** in stock.

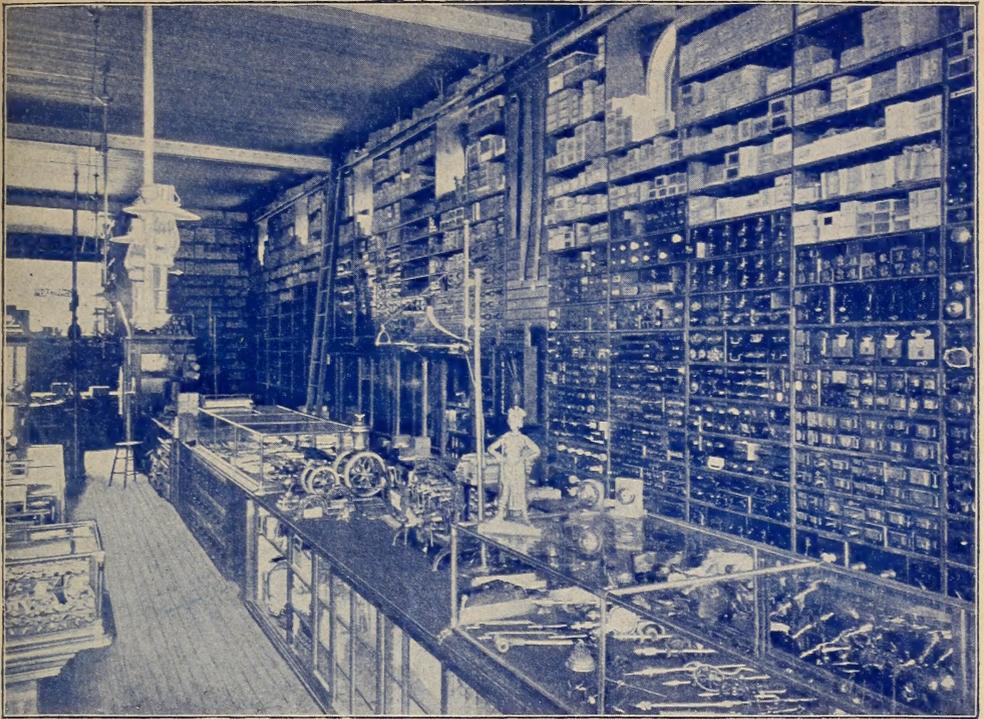
**WINDOW SCREENS AND SCREEN DOORS** of all patterns and sizes.

**Coburn's Trolley Track and Hangers** for sliding doors; never sag; cannot be thrown from the track; self-lubricating; self-adjusting, and weatherproof.

**Poultry Supplies.** Cut Clover, Ground Bone and Oyster Shells, Pratt's Food, Rust, Haven's Climax Powder, Sheridan's Condition Powder, Beef Scraps, Haven's Roup Pills, etc., etc.

On hand and to let at all times. **Heavy Lift Pumps** for sewerage and other purposes, **Jack Screws and Heavy Tackle.**

**Weaver's Lawn Rakes** outwear three of any other style made,



VIEW OF HARDWARE DEPARTMENT, FIRST FLOOR, 70 X 80 FEET.

---

**SHELF AND BUILDERS' HARDWARE,  
TIN, WOODEN AND GRANITE WARE,  
Cutlery, Firearms and Ammunition.**

*Carts, Wagons and Stable Fixtures, Harnesses and Horse  
Supplies, Pumps, Piping, Oil Heaters,  
Gas and Gasoline Stoves.*

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AGENT FOR

**HOWE'S SCALES, MANVEL'S WINDMILL,  
LYTLE'S SAFES, GURNEY REFRIGERATORS,  
HUMASON & BECKLEY POCKET KNIVES.**

GEO. A. WEAVER'S

CATALOGUE.



SPRING STREET FRONT.

❖ 1894. ❖