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CATALOGUE

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PORTLAND SEED CO.

135 Front Street, Portland, Or.



SEEDS



CHOICEST

GARDEN AND FARM SEED

TOOLS
SPRAY PUMPS
FERTILIZERS
ETC.

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CATALOGUE NO. 33.

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REFER TO THIS CATALOGUE AS NO. 33.

LEE'S MIXED SALT.

THE NEW STOCK CONDITIONER.

Contains Charcoal, Sulphur, Salts, Roots and Herbs.

Carefully Compounded,

Unmixed with Meal or Food Filler.

Each sack contains a cup to attach to the stall or manger so that stock can lick out what they need, the result is

ALWAYS SLEEK AND THRIFTY.

25 lb. sack \$1.25; 100 lb. sack \$4.00.

LEE'S HOG REMEDY.

Has cured thousands of hogs and will cure Yours and keep them so if you use it

THE BEST KNOWN AND MOST THOROUGHLY TRIED HOG REMEDY EXTANT.

WE HANDLE THESE GOODS BY THE CAR LOAD.

PORTLAND SEED COMPANY

135 FRONT ST., COR. ALDER, PORTLAND, OREGON.

ORDER SHEET.

PORTLAND SEED CO.

135 Front Street, Cor. Alder,
PORTLAND, OREGON.

GENTLEMEN: Send me the Goods named below according to the terms as specified in your 1902 Catalogue.

PLEASE LEAVE ABOVE SPACES BLANK

Name

Write the address very plainly.

Date 190 ..

Post Office

S.

County

State

Send goods by

State how money is sent.

Give Express or }
Freight Office }

NO GOODS SENT C. O. D.

Quantity

Name of Article Wanted

Amount

OVER

TRY THE AUSTRALIAN BROWN LONG KEEPER ONION

Quantity	Name of Article Wanted	Amount
	<i>Amount Brought Forward</i>	

Please give us here the names and addresses of some of your neighbors who use seed.

Groesbeck's Egg Producer has proven itself A1, second to none.
Try It.

PORTLAND SEED COMPANY'S

Annual Catalogue and Price List

No. 33.

To You:

For years we have enjoyed the good will of our customers, and they have shown by their liberal patronage and kind expressions of appreciation and satisfaction that they believe our stocks are the best, and that our method of doing business is square and straightforward. And we wish to thank you all and say we appreciate your patronage in the past and through again enlarging our store-room and increasing our stocks of the choicest and most up to date varieties of seed as well as other goods which we carry we hope to better serve you the coming season.

Seeds Postpaid. In considering our prices please bear in mind that we pay the postage to any postoffice in the United States at prices named by the packet, ounce or pound, except on peas, beans, corn and onion sets, for which if wished by mail add 10c per pound for postage. In ordering vegetable or flower seed to be sent by **Express or Freight** at your expense, deduct 10c. per pound from single pound price, except for beans, corn, peas and onion sets.

Our Trade in Bulk Grass and Garden Seeds is now the most important department of our business, and we should be pleased to correspond with gardeners and farmers who wish to purchase in both large and small quantities.

Our line of **Poultry and Bee Supplies** is the most complete in the Northwest, and we would request interested parties to write for special **Catalogues** of each.

We also carry large stocks of **Fruit, Shade and Ornamental Trees, Flowering Bulbs, Florists' Supplies, Horticultural and Garden Tools, and Fertilizers.** We would call special attention to the fact that we have a full line of **Potash Salts**, from the German Kali Works, Stassfurt Germany.

We use every precaution possible in procuring **Fresh and Pure Seeds** and shall aim to keep abreast of the market in the selection of new and tried varieties; but it will not be possible for us to hold ourselves responsible for the growth, yield or failure of the crop in any respect. Neither can we **warrant** other goods which we handle but we will use the utmost care in procuring them also. If our goods are not accepted on these terms, they must be returned at once.

We solicit your valued orders, and wish you a more than prosperous year.

Yours very truly,

PORTLAND SEED COMPANY.

Valuable Tables.

Table showing the number of pounds in bushels, and quantity of seed required to sow an acre of ground.

	Lbs. per Bushel.	Lbs. to Acre.		Lbs. per Bushel.	Lbs. to Acre.	
Alfalfa or Lucerne .....	.60	20 to 30	Clover.		5
Barley—broadcast .....	.56	125 to 130	Timothy. } for mowing or grazing.....		10
Beans, Dwarf or Bush, hills.....	.60	25 to 40	Red Top. }		10	
Beans, Dwarf or Bush, drills.....	.60	75 to 80	Grass Mixed Lawn.....	.14	100	
Beans, Tall or Pole, hills.....	.60	25	A much larger quantity of seed is required to make a close, fine lawn than for other purposes.			
Beet, Garden—drills		5 to 6	Hemp—broadcast .....	.44	30 to 40
Beet, Field—drills		4 to 6	Melon, Musk—hills		2 to 2½	
Beet, for sugar		12 to 20	Melon, Water—hills		2 to 3	
Broom Corn—drills .....	.46	12	Millet, Hungarian .....	.48	20 to 30
Buckwheat—broadcast .....	.50	25 to 45	Millet for pasture .....	.50	25 to 30
Cabbage in beds to cover one acre after transplanting		¼	Millet, for seed.....	.50	15	
Canary .....	.60	20 to 45	Mustard		12 to 15
Carrots—drills		2 to 3	Oats—broadcast .....	.36	80 to 90
Cheat .....	.30	75 to 85	Onion, Black Seed—drills.....		4 to 6
Clover, Alsike—broadcast.....	.60	6 to 10	Onion, Black Seed, for bottom sets.....		30	
“ Crimson “ .....	.60	10 to 15	Onion Sets—drills .....	.24	250
“ Espersett “ .....	.24	20 to 30	Parsnip—drills		3 to 5
“ Red “ .....	.60	10 to 15	Peas—drills .....	.60	70 to 100
“ White “ .....	.60	6 to 8	Peas—broadcast .....	.60	100 to 150
Corn, Broom .....	.46	6 to 10	Potatoes—cut tubers .....	.60	500
Corn, Sweet—hills .....	.50	10 to 15	Pumpkin—hills		3 to 4
Corn, Field, to cut green for fodder—drills or broadcast .....	.56	100 to 125	Rape—in drills		5
Corn, Kaffir, for fodder.....	.56	25 to 50	Rape—broadcast		10	
Corn, Kaffir, for seed.....	.56	4 to 5	Radish—drills		8 to 10	
Cucumber—hills		2 to 3	Rye—broadcast .....	.56	75 to 100
Flax—when wanted for seed.....	.56	15 to 20	Sage—drills		3	
Flax—when wanted for fibre.....	.56	40 to 50	Spinach—drills		10	
Grass, Brome		20 to 35	Squash, bush varieties—hills.....		4	
Grass, English or Australian Rye, for meadow .....	.20	30 to 50	Squash, running varieties—hills.....		3
Grass, English or Australian Rye, for lawns .....	.20	100 to 200	Sugar Cane in drills .....	.50	4 to 6
Grass, Italian Rye.....	.20	25 to 40	Tomato—in beds to transplant.....		¼ to ½	
Grass, Johnson .....	.25	25 to 30	Turnip and Rutabaga—drills.....		1½ to 2
Grass, Kentucky Blue for pasture.....	.14	15 to 20	Turnip and Rutabaga—broadcast.....		3	
Grass, Kentucky Blue for lawns.....	.14	75 to 100	Vetches—broadcast .....	.70	150
Grass, Meadow Fescue or English Blue Grass .....	.24	20 to 30	Wheat—broadcast .....	.60	80 to 100
Grass, Mesquite, in the chaff.....	.10	20 to 30	Wheat—drills .....	.60	70 to 80
Grass, Orchard .....	.14	20 to ..			
Grass, Red Top .....	.14	20 to 30	Table showing the number of Plants or Trees to an acre at given distance:		
Grass, Red Top, fancy hulled.....	.32	12 to 18	Distance apart.	No.	Distance apart.	No.
Grass, Tall Meadow Oat.....	.10	30 to 50	1 foot.....	43560	10 feet.....	436
Grass, Timothy45	10 to 15	2 feet.....	10890	12 feet.....	302
Grass mixture36		3 feet.....	4840	15 feet.....	193
			4 feet.....	2722	18 feet.....	134
			5 feet.....	1742	20 feet.....	109
			6 feet.....	1210	25 feet.....	69
			8 feet.....	680	30 feet.....	48



IEWS OF TWO PORTIONS OF OUR OFFICE.

Vegetable Seed Department

The Best Seeds that grow and a list of varieties it pays to grow.

WHAT WE OFFER

At prices named we pay postage on all vegetable and flower seeds ordered, by the packet, ounce or pound, excepting Peas, Beans and Corn for which if wanted by mail add 10 cents per pound for postage. In ordering vegetable or flower seed to be sent by express or freight at your expense, deduct 10c. per pound from single pound price, excepting for Peas, Beans, Corn and Onion Sets.



Special Rates on Seeds in Packets or Ounces.

This offer is by mail, postage paid by us, to any post-office in the United States.

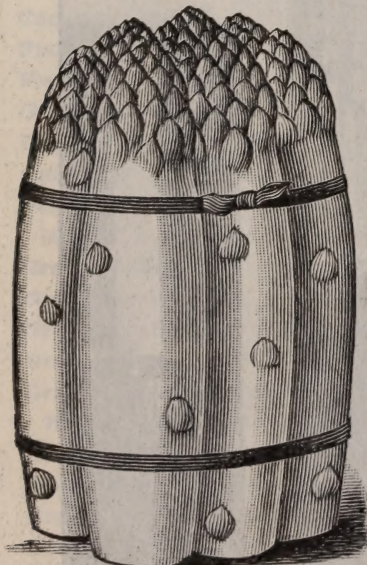
For remittance of \$1.00 you may select seeds, in pkts. or ozs. only, valued at \$1.25, you save \$0.25	
" " 2.00	" " " " " " 2.60, " " .60
" " 3.00	" " " " " " 4.00, " " 1.00
" " 4.00	" " " " " " 5.35, " " 1.35
" " 5.00	" " " " " " 6.65, " " 1.65

This premium does not apply where any other premium is taken.

The varieties of vegetable seeds listed have been selected with great care and thoroughly tested. We are constantly adding new and improved kinds as come to our notice, but offer no old variety under a different name as a novelty. Should any customer desire seeds not listed we will be pleased to procure them.

Asparagus.

Sow the seed early in the spring in drills about one inch deep. In the fall or succeeding spring, the plants may be set in beds about one foot apart



Columbian Mammoth White.

each way and the crown six inches below the surface. The soil should be rich and deeply cultivated to secure a good crop. Time can be saved by purchasing roots.

✓ **Columbian Mammoth White.** It produces pure white shoots, and requires no artificial blanching. On this account it brings in the market a much higher price than any other sort. It is a strong grower, and comes remarkably true

from seed. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

✓ **Palmetto.** About the same size as Colossal but earlier. Shades on the bright green in color. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 75c.

✓ **Conover's Colossal.** Large and of rapid growth. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Barr Mammoth.** Has very large tender stocks of a very light color. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

For Asparagus Roots, see Garden Roots.



Colossal Conover's

Artichoke.



Green Globe Artichoke.

✓ **Large Green Globe.** The variety used as a table vegetable. The edible portion is the flower head. Sow early in drills one foot apart, and when about ten inches high transplant into rows four feet apart and two feet in the row. Mulch during dry weather. It prefers rich, deep loam and should be well matured every spring. Pkt. 5c; 1 oz. 30c; ¼ lb. 90c.

For Artichoke Tubers, see Garden Roots.

Beans.

If ordered sent by mail, add 10 cents per lb. for postage.

Six pounds of seed to 100 yards of row.

Plant about the middle of April, if the ground is warm and the season favorable, in rows two feet apart, and the beans three inches apart and two inches deep in rows. Keep well hoed and draw the earth up to their stems only when dry, as earth scattered on the leaves when wet with rain or dew will cause them to rust and injure the crop.

GREEN PODDED VARIETIES.



Extra Early Refugee.

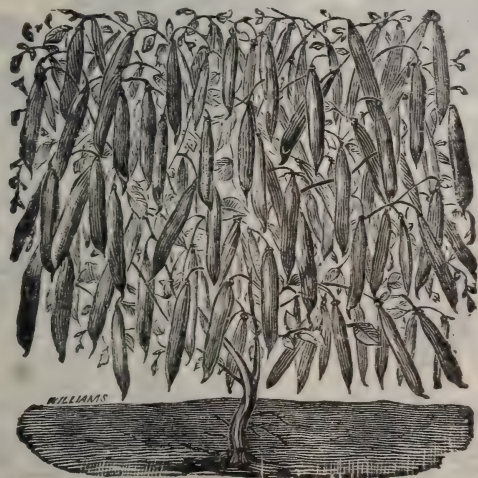
✓ **Extra Early Refugee.** Claimed to be the earliest green podded variety. Similar to, but two weeks earlier than the old Refugee. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

✓ **Refugee, or Thousand to One.** The best late kind; very productive. The pods are dark green veined with purple, tender and crisp, and considered the best variety for pickling. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

✓ **Early Long Yellow Six Weeks.** Hardy standard variety; pods six inches long and one-half inch wide; light green in color; vine vigorous and productive. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

✓ **Improved Red Valentine.** The earliest Valentine Bean. Productive, tender and of excellent flavor. Pods round and remain tender a long time. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

✓ **Burpee's New Stringless.** Among the first to produce pods, which are of a rich green, five inches long, round, tender, brittle, and of finest flavor, stringless even when matured. Pkt. 10c; 1 lb. 25c.



Improved Tree Bean:

✓ **Improved Tree Bean.** The most prolific field variety. Grows twenty inches high and branches out like a tree. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

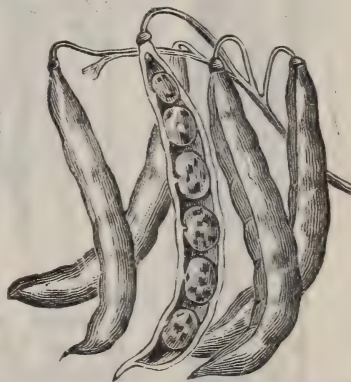
✓ **Early Mohawk.** The hardiest of the bush kinds. The pods are pale green, large and broad. The vines continue in bearing a long time and will withstand a light frost. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

✓ **Royal White Kidney.** The bean is large, long, slightly curved, and pure white. It yields a heavy crop, and is one of the best, either green-shelled or dry. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **Broad Windsor.** Stalks erect, strong and shrubby. The bean is large, broad and flat. They are best green-shelled. The best of the English Dwarf Beans. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

Dwarf Horticultural.

A strong grower, producing a large crop. The bean is highly prized for use green-shelled, also dry-shelled. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.15.



Dwarf Horticultural.

✓ **Henderson's Dwarf Lima.** The earliest Lima Bean known. Bean small and of fine flavor. Pkt. 10c; 1 lb. 20c; 5 lbs. 90c.

✓ **Burpee's Bush Lima.** A bush form of the large flat pole Lima. Pods mature suitable for table use very early. Pkt. 10c; 1 lb. 20c; 5 lbs. 85c.

NEW CUSTOMERS.—As this Catalogue will reach many who have never had our seeds, we would urge such to send us a TRIAL ORDER, no matter how small. Even though you may now be satisfied with seeds bought elsewhere, we believe our SPECIAL STRAINS of many of the newer varieties will be found as profitable to you as they have been to thousands of others.

WAX VARIETIES.

✓ **Golden Eyed Wax.** This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance, the vines growing about 1½ feet high, holding the pods well off the ground. It is singularly free from blight and rust. Pkt. 10c; 1 lb. 15c.

✓ **Black Eyed Wax.** This is an early and vigorous growing variety. Pkt. 10c; 1 lb. 15c.

A TRIAL
OF OUR

**Vegetable
Fertilizer**

Will surprise
you and prove
its merits.



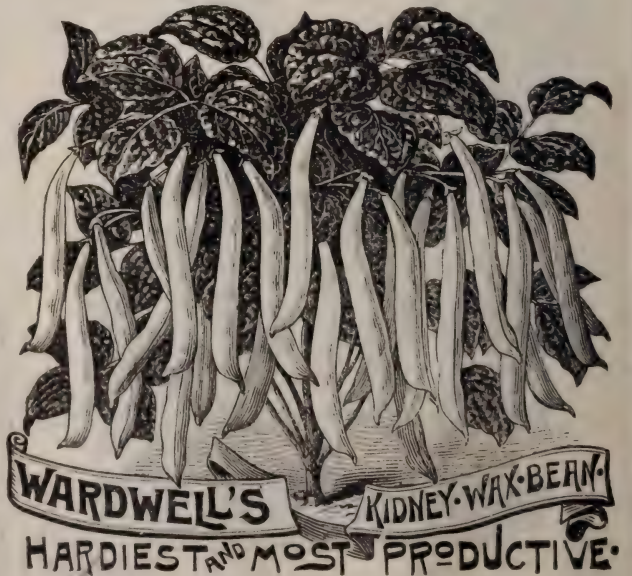
Challenge
Black Wax.

✓ **Extra Challenge Black Wax.** Extremely early, and may be considered the most desirable for first crop. The plants are vigorous and very productive; pods resemble those of the prolific German Wax, but a little flatter. Ripe beans jet black, medium size. Pkt. 10c; 1 lb. 15c.

✓ **Davis Wax.** A hardy, rustless and immensely productive bush variety. The pods are long, nearly straight, white and handsome, and are carried well up off from the ground.

It is one of the best for market gardeners, because of its hardness, productiveness, handsome appearance, its good shipping and selling qualities, and the small proportion of waste and second-quality pods. Canners say "It is just what we want, a long, straight, clear white pod, which does not discolor in canning." The large, white, handsome kidney-shaped dry beans are attractive. Pkt. 10c; 1 lb. 20c.

Davis Wax.



✓ **Wardwell's Kidney Wax.** A robust, hardy variety, yielding a heavy crop of large, unusually handsome, wax-like pods. They are fleshy, tender and excellent, and are ready for the table before many of the earlier wax varieties. Pkt. 10c; 1 lb. 15c.



Golden Wax Dwarf.

✓ **Golden Wax Dwarf.** The standard wax bean. The pods are large and long and entirely stringless. As a snap bean it excels all other sorts in tenderness and richness of flavor, and has the further merit of being one of the best shell beans grown for winter use. Pkt. 10c; 1 lb. 15c.

✓ **Rust Proof, or Detroit Wax.** It is not likely to rust even when exposed to very wet weather. Pod flat, good length and very broad. It is valuable for shipping, as it keeps fresh and crisp a long time. It is extra early; quality in the pod all that can be desired, and also excellent green shelled. Pkt. 10c; 1 lb. 15c.

Castor Bean. Pkt. 10c; 1 lb 25c.

POLE OR RUNNING BEANS.

Three pounds of Seed to 100 yards of row.

✓ **Indian Chief or Tall Black Wax.** Remarkable for its fine, tender and succulent pods, which are produced in great abundance. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.75.

✓ **London Horticultural.** Very desirable for the family garden. Vines vigorous, bearing light green pods, streaked with red. The bean is large, oval, cream colored, beautifully splashed with red, and has no superior, green shelled or dry. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.



True Asparagus.

✓ **Lazy Wife.**

Long green pods of good quality; bean white. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

✓ **White Crease Back.** A good early green potted pole bean. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.75.

✓ **Asparagus.** (This is the true "Asparagus" Bean, not the so-called Asparagus put out by many seedmen.) Pods long and slender, sometimes growing to one foot in length. Green in color. A good yielder and extensively used for canning. Pkt. 10c; 1 lb. 30c; 10 lbs. \$2.50.

✓ **Kentucky Wonder, or Seek No Further.** Pods green, very long, and meaty, entirely stringless, and of finest quality. If kept gathered as they mature, the vines will continue to bear to the end of the season. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.50.

✓ **Large White Lima.** The standard pole Lima Bean. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.80.

✓ **Scarlet Runner.** Chiefly grown for its brilliant scarlet flowers, which are borne in long racemes from July to October. Pkt. 10c; 1 lb. 30 cents.

✓ **Early Dutch Case Knife.** This variety is of quick growth, producing large flat pods early in the season. These are six to seven inches in length, one-half inch wide, and quite brittle when gathered young for snapshorts. Being white-seeded, it is excellent to grow dry-shell beans for winter use. Pkt. 10c; 1 lb. 20c; 10 lbs. \$1.80.



Case Knife.

Beet.

Five ounces of seed to 100 yards of row.

The soil for beet culture should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked in the spring, for early supply. When the plants are large enough, thin out to stand six or eight inches apart in the rows.



Early Blood Turnip.

Early Blood Turnip.

The leading turnip-shaped variety; of medium size, rapid growth, not liable to become woody; keeps well. Flesh of a rich, deep blood-red color; tender, sweet and of excellent quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Early Bassano.** A very early flat variety, tender, juicy; flesh white and rose colored, circled with pink; very sweet. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Edmand's Blood Turnip.** A market gardener's strain of great regularity in shape; deep blood skin and very dark flesh of best quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Early Eclipse Beet.

✓ **Early Eclipse.** Smooth and round; skin and flesh intense red; fine grained and sweet; an excellent sort for forcing. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

✓ **Long Dark Blood.** Excellent for winter; keeps well. Long and smooth, growing to good size; half out of the ground; color dark blood red, top small and of upright growth. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

✓ **Half Long Blood.** One of the very best for winter use; does not become woody, and keeps equally as well as the Long Dark Blood. The root is as smooth and handsome and the flesh as brilliant in color. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.



Half Long Blood



Early Egyptian.

✓ **Early Egyptian.** Early red, smooth skin, small top, good for spring and early summer use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

✓ **Swiss Chard, or Sea Kale Beet.** Cultivated exclusively for its leaves and leaf stalk, which are prepared and served similar to asparagus. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

MANGEL-WURZEL AND SUGAR BEETS.

✓ **Mammoth Long Red.** Long roots of an enormous size, growing much above ground; smooth and regular in shape, with a small top. One of the heaviest cropping varieties. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 40c; 10 lbs. express to be paid by purchaser. \$2.50.

French White Sugar.

Large and excellent. The flesh is of a fine grain, tender and sweet. Superior for stock feeding, and for the table when young. Pkt. 5c; $\frac{1}{4}$ lb. 15c; 1 lb. 35c.



Mammoth Long Red.



Golden Tankard.

✓ **Golden Tankard.** This is undoubtedly one of the most profitable varieties to grow for stock, as it is an enormous cropper, and said to be the most nutritious Mangel in cultivation. Color, bright yellow. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 40c.

✓ **Mangel Half Sugar.** A heavy producer; excellent for stock, being very sweet and a great addition for the beet culturist. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.



✓ **German Imperial, White Sugar.** It gives the best results raised in sandy soil free from alkali. Good for stock. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **French Sugar.** Red top. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 45c.

✓ **Golden Giant Intermediate, or Leviathan.** A variety of great merit for stock feeding. Skin yellow, flesh white and sweet. Pkt. 5c; ¼ lb. 15c; 1 lb. 40c.

Golden Giant Intermediate.

✓ **Yellow Globe.** Roots of large size and globular form; very productive; adapted for growing in shallow soils. Pkt. 5c; ¼ lb. 15c; 1 lb. 40c.

✓ **Lane's Imperial Sugar.** This is an excellent variety and one of the best for stock feeding. Pkt. 5c; ¼ lb. 15c; 1 lb. 40c.

✓ **Vilmorin's Improved Sugar.** Very rich in sugar and does well on new lands. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.



USE
GROESBECK'S
EGG
PRODUCER
FOR YOUR
POULTRY

Klein Wanzleben.

Klein Wanzleben. This is the variety which is considered best in Germany for producing sugar, and is now taking the lead in this country for this purpose. Our stock of seed is imported direct from one of the most careful German growers, and should be used where the best results are desired. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Brocoli.

One ounce of seed to 100 yards of row.

Produces heads in the autumn like cauliflower, but is more hardy. Sow about the middle of May; transplant in well enriched soil and manage the same as winter cabbage.



✓ **White Cape.** Similar to the Purple Cape, except in color. Can be grown where cauliflower makes an uncertain crop: Pkt. 5c; 1 oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

✓ **Early Purple Cape.**

This is the best for the North producing compact heads of a brownish purple and of good flavor. Pkt. 5c; 1 oz. 35c; ¼ lb. \$1.15; 1 lb., \$4.00.



WE KEEP THE BEST FERTILIZERS.

Brussels Sprouts.



Brussels Sprouts.

Produces from the stem small heads one or two inches in diameter, resembling miniature cabbages. The sprouts are used as greens, and become very tender when touched by the frost. Sow in May and manage the same as winter cabbage.

✓ **Dwarf Improved.** Producing compact sprouts of extra quality. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

Corn Salad, or Feticus.

Sow during August or early in September. In drills a quarter of an inch deep and six inches apart. Just before the winter cover thinly with straw or leaves.

✓ **Large Seeded.** Leaves round, crisp and golden yellow; delicate flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.



Corn Salad.

Collards.

✓ Similar to Cabbage, known also as Cole or Colewort. Sow in autumn in rows a foot apart, and treat the same as cabbage. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

Cabbage.

We take special care to have our stock of Cabbage seed the very best, and we feel safe in recommending it as being of the very finest strain. We are sure that market gardeners who use our Cabbage seed once will call for it again.



Early Jersey Wakefield.

✓ **Extra Selected, Early Jersey Wakefield.** Special strain of fine seed from the farms of one of the oldest and most reliable Cabbage Seed growers in the United States. Just the thing for market gardeners. The heads are of excellent quality, and of large size for so early a variety. Pkt. 5c; 1 oz. 25c; ¼ lb. 60c; 1 lb. \$2.00.

Hendersons
Early Summer.

✓ **Henderson's Early Summer.** About ten days later than the Jersey Wakefield. The head is round and the largest of the early kinds. The strain of seed has been greatly improved. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Extra Early Express.** Produces fair sized heads in eighty to eighty-five days from sowing of seed. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Early York.** Small, but very early. Pkt. 5c; 1 oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

✓ **Burpee's Allhead.** The earliest of all large cabbage, and larger than any other summer cabbage. Deep flat heads, solid, and uniform in shape and color. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.



Succession.

✓ **Succession, or All Seasons.** Medium early heads large, round, slightly flattened; grows low on the stem and resembles the Early Summer. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Charleston, or Large Wakefield.** A strain of Wakefield in which the plant is larger and later, the head larger and not so pointed. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

✓ **Early Flat Dutch.** A medium early kind. Heads large, round, slightly flattened. Pkt. 5c; 1 oz. 20c; ¼ lb 60c; 1 lb. \$1.75.



Winnigstadt.

✓ **Winnigstadt.** A fine tender cabbage, excellent for summer; will do well for fall or winter if sown late. The best variety to sow in the late summer for growing plants to winter over in the cold frame. Pkt. 5c; 1 oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

✓ **Henderson's Autumn King.** Enormous solid heads, dark green in color, few outer leaves, which allows an unusually large crop to be grown per acre. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

✓ **Vandergaw.** A sure heading, quick growing flat Dutch sort. Equally good for mid-summer planting. Pkt. 5c; 1 oz. 20c; ¼ lb. 65c; 1 lb \$2.00.

✓ **Stone Mason Marblehead.** A large drumhead variety; sure to head, fine grained, tender, remarkably sweet and delicious. It is very hardy, enduring severe frost and easily kept all winter. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Danish Ball Head.** Very round, solid winter sort from Denmark. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.40.

✓ **Surehead.** Large, round, tender and rich, with very few outer leaves, being nearly all solid. Stands a drought better than any other cabbage. Pkt. 5c; 1 oz.

20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Premium Drumhead.** Extra Stock. A large and very popular variety for winter. Is unsurpassed for family or market gardening purposes. Pkt. 5c; 1 oz., 20c; ¼ lb. 60c; 1 lb. \$1.60.



Premium Drumhead.

✓ **Fottler's Improved Brunswick.** This is without exception the best Early Drumhead variety in the market and is used by the market gardeners to succeed the earliest varieties; also for a late crop. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Drumhead Savoy.** Forms a large and compact head, very tender and excellent in winter; delicious, rich flavor. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.



Drumhead Savoy.

✓ **Netted Savoy.** This is the finest of the Savoy Cabbages, and a general favorite wherever it is known; of excellent flavor. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **German Filderkraut.** Heads rather large and more pointed than the Winnigstadt, which it resembles. It is of excellent quality, and highly esteemed for making kraut. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Premium Flat Dutch.** Special Strain. The standard late variety. Produces large round heads. Flattened on top. Heads sure to form. Keeps well and is of excellent flavor, tender and sweet. Our



Premium Flat Dutch.

seed is the very best strain. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb., \$1.65.

✓ **Red Dutch.** Used for pickling. The heads are very fine and remarkably sure heading. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Mammoth Rock Red.** True. This is the best, largest and most reliable heading red cabbage. The head is large, round, solid, and of a deep red color. Pkt. 5c; 1 oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

Carrot.

Three to four pounds of seed to the acre.

This vegetable succeeds best in rich sandy loam. For early crop sow in the spring. For late crops, sow until the middle of June. Sow in drills one inch deep and eighteen inches apart, thinning out to three or four inches.



No. 1—Danver's Half-Long.

No. 4—French Forcing.

No. 2—Long Orange.

No. 5—Early Scarlet Horn.

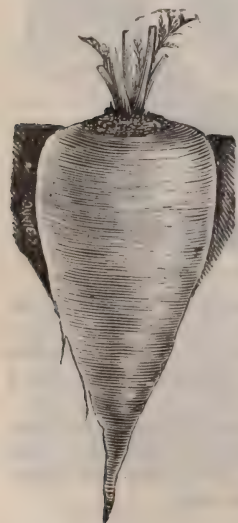
No. 3—Scarlet Stump Rooted.

No. 6—Ox-Heart.

✓ **Danver's Half-Long Orange.** The best variety for general crop. It is of rich orange color and heavy yielder. A splendid keeper. Valuable for table use as well as for stock. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 85c.

✓ **Chautenay.** A stump-rooted variety having an unusually broad shoulder. One of the very best carrots for either private use or market garden. Pkt. 5c; 1 oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

✓ **Improved Long Orange.** The old standard and popular variety. It grows to a large size, some specimens averaging twelve inches in length. Enormous crops can be grown under fair culture; among the best varieties for feeding stock. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.



Short White.

✓ **Short White.** A half-long, smooth variety, very heavy at the shoulder and tapering regularly to the point. Flesh white, solid and crisp. A heavy cropper; profitable to grow for stock. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Large White Belgian.** Roots very large and smooth; grown exclusively for stock-feeding. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. purchaser to pay express charges, \$2.00.

One ton of Carrots consumes 13 lbs. Potash, 2 lbs. Phosphoric Acid and 7 lbs. Nitrogen. We carry the fertilizers to replace these.

✓ **French Forcing.** The best forcing variety. Red. small and round. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

✓ **Early Scarlet Short Horn.** Fine grain and flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

✓ **Ox-Heart or Half-Long Guerande.** This carrot is one of the most valuable, either for family use or market. It is of extra quality and very productive. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 80c.

✓ **Half-Long Scarlet Stump Rooted.** A little later than the Horn varieties, but equal to them in grain and quality. Pkt. 5c; 1 oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

✓ **Nantes Half-Long.** Stump-rooted and excellent for forcing. Pkt. 5c; 1 oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

Cauliflower.

One-half ounce of seed will produce 1,000 plants.

Sow for early about the middle of September or October, in a bed of clean, rich earth. Transplant into frames and cover with sashes and shutters during severe weather. If hardened off by exposure, they are seldom injured by planting as early as the ground can be properly prepared into a bed of the richest earth, two and a half feet apart each way.



Extra Early Snowball.

✓ **Extra Early Snowball.** Extra Selected. The earliest and handsomest of all cauliflowers. This is unquestionably the best type of cauliflower yet produced. It excels all others in earliness. Owing to the short outer leaves, it can be planted as close as eighteen inches apart. It is equally good for late planting. Pkt. 10c; ¼ oz. 65c; 1 oz. \$2.50; 2 oz. \$4.00; ¼ lb. \$6.50.

✓ **Early Snowball.** Ordinary Strain. Pkt. 5c; 1 oz. \$1.00; ¼ lb. \$3.00.

✓ **Early Paris.** One of the popular white sure heading varieties. Pkt. 5c; 1 oz. 60c; 2 oz. \$1.00; ¼ lb. \$1.75.

✓ **Extra Early Dwarf Erfurt.** Extra Selected. Remarkable for reliability in heading. Scarcely a plant fails to produce a good head. Very dwarf, with solid, pure white heads of superior quality. One of the earliest. Pkt. 10c; ¼ oz. 65c; 1 oz. \$2.00; 2 oz. \$3.75; ¼ lb. \$6.00.

✓ **Early Erfurt.** Ordinary Strain. Pkt. 5c; 1 oz. 75c; ¼ lb. \$2.50.

✓ **Veitch's Autumn Giant.** Vigorous in growth and very large. Pkt. 5c; 1 oz. 65c; 2 oz. \$1.20; ¼ lb. \$1.50; 1 lb. \$6.50.

✓ **Large Late Algiers.** A fine variety and one of the best for late use; the heads remain firm and solid for a long time. The best late Cauliflower for this section. Pkt. 5c; 1 oz. 75c; 2 oz. \$1.35; ¼ lb. \$2.50.



Large Late Algiers.

For Cauliflower Plants see Vegetable Plants.

Celery.

Three ounces of seed to 100 yards of row.

When two or three inches high, transplant to furrows; when eight to ten inches high, fill up the furrows, continuing at intervals to hill up until fully matured and blanched, taking care not to get earth between the stalks.



White Plume.

✓ **White Plume.** This is the earliest and most easily blanched Celery in cultivation and almost requires no banking. The stalk and the white inner leaves and heart are naturally white. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$1.75.

✓ **Pink Plume.** The same as White Plume, except that the stalks are tinged with pink. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.75.

✓ **Golden Self-Blanching.** Close, compact, handsome; heart, beautiful golden yellow; ribs perfectly solid, crisp and well-flavored; excellent keeper. Pkt. 5c; 1 oz. 25c; ¼ lb. 90c; 1 lb. \$2.50.

✓ **Golden Hearted.** A variety of great value, splendid keeper, remarkable for its fine quality. Pkt. 5c; 1 oz. 20c; ¼ lb. 45c; 1 lb. \$1.50.

✓ **Giant Pascal.** Large, rapid and vigorous grower, stalks easily blanched. Firm, crisp and tender; and of a beautiful golden tint. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

✓ **Kalamazoo.** One of the best varieties. Half dwarf. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.

✓ **Giant White Solid.** One of the largest. A strong vigorous grower; crisp, tender and of good flavor. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

✓ **Boston Market.** A cluster of small stalks. Very fine flavor. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

✓ **Perfection Heartwell.** The finest and largest of the winter varieties, either for the family or the market garden; of superior quality; heart, golden yellow. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

✓ **Celery Seed for Flavoring.** 1 lb., postage paid, 35c.

For Celery Plants see Vegetable Plants.

Chicory.

✓ **Large Rooted.** This is the standard variety producing the largest and smoothest roots. The best known substitute for coffee. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 75c.

Celeriac.



Celeriac.

✓ **Celeriac, Turnip Rooted.** Roots resemble turnips. This vegetable is esteemed in Europe for a salad. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

✓ **Giant Smooth Prague.** Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

Cress or Pepper Grass



Curl'd Cress.

✓ **Curl'd.** The best variety. Upland. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Water.** Should be sown near the edge of running streams. It has a very pleasant and agreeable taste. Perennial aquatic plant. Pkt. 5c; 1 oz. 30c.

Corn.

If ordered sent by mail, add 10 cents per pound for postage.

Two pounds of seed to 200 hills.

The Sweet or Sugar varieties, being liable to rot in wet or cold ground, should not be planted until the ground has become warm.

SUGAR OR SWEET.

✓ **Early Cory.** The earliest sweet corn; the ears are much larger than any of the other varieties; quality very fine. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **White Cob Cory.** Similar to Early Cory, but has white cobs. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **Crosby's Early.** Excellent variety, and remarkably early. Ears of large size, medium length, sweet, rich and delicate. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **Black Mexican.** One of the sweetest and most desirable for family use. The corn when in condition for the table, cooks remarkably white and is very tender. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.25.

✓ **Country Gentleman.** This is one of the newer varieties. The ears are from eight to nine inches long and from three to four of them are borne on a stalk. The plant is six feet high and medium early. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **Early Adam's or Burlington.** Not a sweet corn but white and tender, and extensively used for the table. 1 lb. 15c; 10 lbs. \$1.00.

✓ **Early Minnesota.** One of the earliest kinds of Sweet Corn. The ears are of the best quality. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **Mammoth Sweet.** Produces the largest ears of any variety of sweet corn, and is among the sweetest. Very productive and of fine flavor. Is also valuable on account of its yield of stalks for fodder. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

✓ **Mammoth White Cory.** Very large and as early as the earliest. 12-rowed, white cobbed. Pkt.

Minnesota. 10c; 1 lb. 15c; 10 lbs. \$1.25.

✓ **Perry's Hybrid.** Stalk of medium height. The ears are large and grow long on the stalk. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.



Early



Mammoth Sweet.

✓ **Stowell's Evergreen.** Remarkable for remaining a long time in a fresh condition, suitable for the table. Hardy and productive, and the best late variety for general use. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

— **Kendal's Early Giant.** Very early and yet the ears grow to a remarkable size, measuring 8 to 10 inches, white cobs and kernels, sweet and tender, good eating qualities. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

— **Old Colony.** Fine, large ears, one of the best for growing west of the Cascade mountains. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.

FIELD VARIETIES.

✓ **Early White Flint.** Productive, early, and of beautiful appearance. 1 lb. 10c; 10 lbs. 50c.

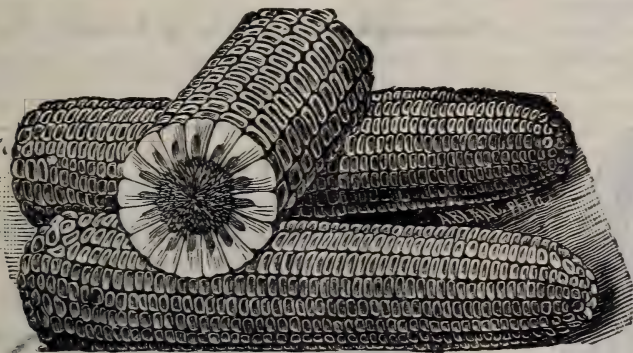
— **White Cap Yellow Dent.** This Corn combines more solid merit than any other, being suitable for all climates and soils where corn can be expected to grow. Ears large and mature early. 1 lb. 15c; 10 lbs. 50c.

✓ **Early Canada (Flint).** Also known as the Yellow Flint. A rapid growing early yellow kind. 1 lb. 10c; 10 lbs. 50c.

✓ **King Philip.** A very early variety for field corn. Ears ten to twelve inches long, eight-rowed, large reddish kernels. 1 lb. 10c; 10 lbs. 50c.



Stowell's Evergreen.



Pride of the North.

✓ **Pride of the North.** A very early Dent variety, ripening with the Flint sorts, and can be grown as far north as any other variety of Dent corn. Stalks small with broad leaves. Ears short, twelve to sixteen-rowed, well filled. Grain long, yellow, making an extra quality of meal. 1 lb. 10c; 10 lbs. 50c.

✓ **Leaming. (Early.)** An early selected variety of Yellow Corn, small grain, weighty, productive. 1 lb. 10c; 10 lbs. 50c.

— **Champion White Pearl.** A large, white, late Dent variety, pearly white kernels. 1 lb. 10c; 10 lbs. 50c.

✓ **Sweet Fodder.** One of the best for green feed. 1 lb. 10c; 10 lbs. 60c.

POP CORN.

✓ **Rice.** One of the best, handsome and popular varieties. Ears short, kernels long, pointed, and resembles rice; color white. 1 lb. 15c.

✓ **Small White.** 1 lb. 15c.

✓ **Pop Corn** for popping. 1 lb. 10c; 3 lbs. 25c.

BROOM CORN.

Requires soil and culture similar to corn, but to obtain the best quality of brush, the land should be rich and well and deeply cultivated. Usually planted in drills three and a half feet apart, and thinned to four to six inches apart in the row.

✓ **Improved Evergreen.** An improvement on the Common Evergreen. The result of many years' careful selection. Does not grow as tall as the old variety. The brush is fine and of a light green tint. Pkt. 5c; 1 lb. 15c; 10 lbs. \$1.00.

It will pay you to give this a trial.

Chervil.

Sow at any time in the spring in shallow drills one foot apart, in well-prepared ground.

✓ **Curled.** The leaves are used for flavoring soups and stews, and for garnishing, same as parsley. Pkt. 5c; 1 oz. 15c; ¼ lb. 30c; 1 lb. 90c.

We are State Agents for Lee's Lice Killer, Flyo-Curo, and other Supplies.

Cucumber.

One ounce of seed to 75 hills.

Cucumbers succeed best in warm, rich, loamy soil. As soon as the weather becomes warm and settled plant in hills four to six feet apart each way.

✓ **Cool and Crisp.** One of the newer varieties. The fruit is long, dark green, with white spines. The flesh is crisp and tender. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.



Peerless White Spine.

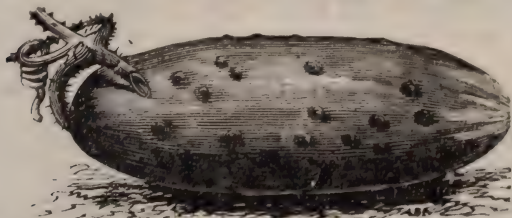
✓ **Early Russian.** The earliest and hardiest productive variety. The fruit is of small size and produced in pairs. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 55c.

✓ **Early Frame or Short Green.** A good old popular variety, of medium size, straight and excellent for table use or pickling when young. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Chicago, or Westfield Pickling.** Fruit of medium length, very prolific, and inclined to be a little pointed at both ends, with large and prominent spines. Color, deep green. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.



Chicago Pickling.



Boston Pickling.

✓ **Boston Pickling.** The best short pickling variety, of fine form and flavor; enormously productive. Largely used by the pickle factories in this section. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

✓ **Improved Long Green.** The leading long green variety for pickling; of excellent quality and productiveness; fruit dark green, firm and crisp; one of the best for slicing green. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.



Long Green.

✓ **Japanese Climbing.** The vines are healthy and vigorous and their strong tendrils enable them to climb poles or fences. Quality excellent either for pickling or slicing. Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.25.

✓ **Small Gherkin or Burr.** Also known as the West India, or Jerusalem Pickle; used for pickling while young and tender. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 85c.

✓ **Telegraph.** For forcing in hotbeds. Is a free bearer; long and extensively grown; handsome. Per seed 2½c; 100 seeds \$2.00.

...FEED...

GROESBECK'S EGG PRODUCER

It will Make Money for You.

Egg Plant

Should be started in a hot-bed and transplanted when the weather is settled and the ground thoroughly warm. They will thrive with the same treatment as that given the tomato.

✓ **Early Long Purple.** The earliest and hardiest, very productive; fruit from 6 to 10 inches long. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **New York Improved, Large Purple.** The leading market variety. Large, round, dark, excellent, and the most productive. Pkt. 5c; 1 oz. 10c; ¼ lb. \$1.00.



New York Improved.

✓ **Black Pekin.** Oval round, of medium size, very dark, glossy and handsome. Pkt. 5c; 1 oz. 30c; ¼ lb. \$1.00.

For Plants, see Vegetable Plants.

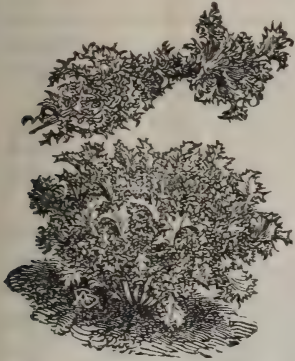
Endive.

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August for a succession of crops, tie the leaves closely together to blanch them.

✓ **Green Curled.** Standard sort for fall and winter. Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.35.

✓ **White Curled.** A beautiful variety with curled mossy leaves, for early use. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.40.

✓ **Broad Leaved Batavian.** (Escarrolle.) Has broad, thick leaves which form a large, loose head. Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.25.



Endive.

Kale or Borecole.

While this vegetable may be grown in almost any soil, yet the richer the soil the larger the crop. Not desirable until touched by frost. Cultivate the same as cabbage.



Dwarf Curled Kale.

✓ **Dwarf Green Curled Scotch.** Leaves yellowish green, very compact and beautifully curled. Best strain. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

✓ **Tall Scotch Curled.** Bright green, spreading and beautifully curled. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

✓ **Siberian.** (German Greens.) A variety extensively grown for winter greens. It is uniformly dwarf, green curled. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.



Tall Scotch.

✓ **1000 Head Kale.** An old English variety, prolific. Pkt. 5c; 1 oz. 10c.

BOOKS

Do not overlook the importance of having a first-class agricultural book for reference.

Kohl Rabi.

A vegetable intermediate between the cabbage and turnip. Sow in spring in rows 24 inches apart, afterwards thinning the plants to 8 or 10 inches. When the thickened stem above ground is 2 or 3 inches through, they are fit to eat and should be used at once, being tough when old. They are cooked same a turnips.

✓ **Early White Vienna.** Handsome and delicate white bulb. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

✓ **Early Purple Vienna.** Purple ball. A good kind. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c.



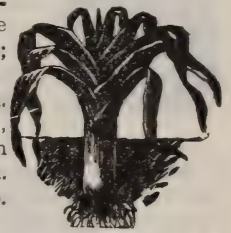
Kohl Rabi.

Leek.

The Leek belongs to the onion family. Prized for soups. Cultivation similar to that of onions, but fill up about the neck to blanch it.

✓ **Large Rouen, or American Flag.** A favorite large American market sort. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

✓ **Monstrous Carenton.** Rather larger than the Flag, but very tender and mild on account of its rapid growth. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.



Large Rouen Leek.

Lettuce.

Two ounces of seed to 100 yards of row.

Lettuce thrives best in good, rich, moist ground, and is a universal favorite, is almost free from insects and disease, which makes it of easy culture to every one. For successive crops, sowings may be made in open ground as early as the spring opens and continued until July.



Hansen's Head.

✓ **Hansen's Head** The leading curled heading variety, of large size, sweet, tender and crisp, even to the outer leaves. Free from any bitter taste, either for summer or foreing. Pkt. 5c; 1 oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

Early Prize Head. Heads of mammoth size. Remains tender and crisp throughout the season. Very hardy. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.



Simpson's Early Curled.

Simpson's Early Curled. A leading early market variety. Forms a dense mass of finely-curved and wrinkled leaves that are excellent and tender and do not wilt readily. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.



Simpson's.

Simpson's Black Seeded. A variety of the Curled Simpson, but growing much larger and of excellent quality. One of the best for forcing. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Summer White Cabbage. A splendid variety for spring or fall market, producing large, solid heads which blanch to a beautiful white; crisp and fine flavored. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c.

All Seasons. A magnificent new variety forming solid heads of enormous size, almost as large as a Flat Dutch Cabbage, very tender. It is slow to seed, and is one of the very best all-head sorts ever introduced. Exceedingly profitable for market gardens. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Philadelphia Butter. Fine for forcing; solid. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.



Tennis Ball.

Early Tennis Ball, Black Seeded. Well-formed heads, hardy and crisp, of excellent quality. One of the earliest of the heading varieties. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Yellow-Seeded Butter. Dense yellow heads; crisp and tender. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Tilton's White Star. Forms a large, loose head of excellent quality which blanches well. The leaves are broader, thicker and darker than the Black Seeded Simpson, and it grows larger and more rapidly. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

Denver Market. The special characteristic of this sort is that it has a beautiful, curled, Savoy-like leaf which gives it a very attractive appearance. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

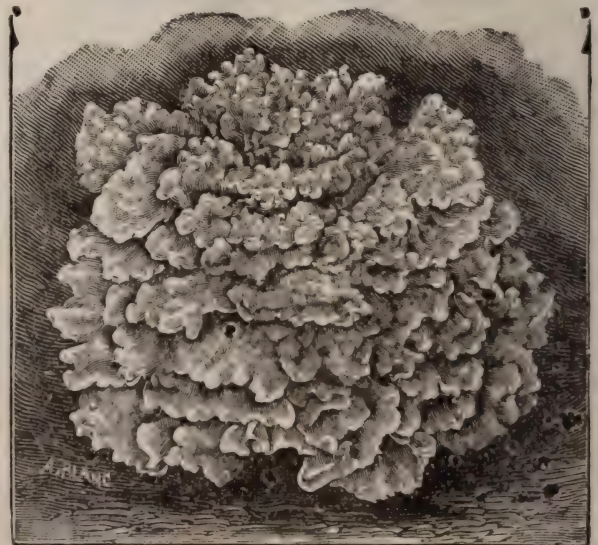
Brown Dutch. Forms a large, solid head, sweet, tender and of good flavor. Outer leaves tinged with brown. Very hardy. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Paris White Cos.

White Paris Cos. A distinct variety, forming oblong, upright heads, largest near the top. It is hardy, tender and crisp, and does not run to seed quickly as some other Cos varieties. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

The Morse. White seeded, new and one of the finest varieties for forcing in either cold-frame or hot-house. A trial will prove its merits. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.



Grand Rapids.

Grand Rapids Forcing. Large, tender heads; more extensively used for early forcing than any other variety. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

QUALITY

Our First Consideration

To that alone is due the success of our steadily increasing business.

OUR AIM IS TO PLEASE.

Melon==Musk.

One ounce of seed to 75 hills.

Melons thrive the best in a light, enriched soil. Plant early when danger of frost is past and the ground has become warm and dry, in hills six feet apart each way. Be careful not to plant pumpkin or squashes near them, as they will hybridize.

GREEN FLESHED.

✓ **Early Baltimore, or Acme.** A good sized, oval round, very desirable variety. The flesh is thick, highly flavored and sweet. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.



✓ **Extra Early Hackensack.**

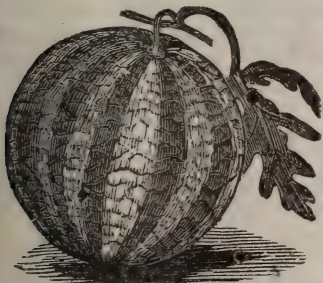
✓ **Extra Early Hackensack.** One of the most popular varieties of Muskmelon grown by market gardeners. It attains a large size, is round in shape, and flattened at the ends. Is of a most delicious flavor and wonderfully productive. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Small Green Nutmeg.** From the uniformity in size, it is a very profitable variety for field culture for the market; shaped round, medium size, flattened at each end, heavily netted. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Jenny Lind.** Small, but very early and of good quality. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Rocky Ford.** Grown largely in Colorado and shipped in carload lots all over the country. Nutmeg shape, small to medium in size, pale green and finely netted. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

✓ **Cosmopolitan.** A new variety. Firm, sweet and uniformly high-flavored. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.



Montreal Nutmeg.

✓ **Montreal Nutmeg.** Grows to an immense size, flattened at both ends very thick flesh and rich in flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Skillman's Netted.** Very early and of small size; flesh light green, very thick and sweet. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Casaba.** Of extraordinary size and delicious flavor, usual weight from twelve to fifteen pounds. Late, oval and netted. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Osage, or Miller's Cream.** The finest-flavored melon in cultivation, and the best melon grown for the market gardener, for the trucker, for the farmer, for the small planter. Without question, the sweetest of all melons. The flesh is of a rich salmon color, very sweet and melting in quality. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Orange, Christiana.** Very large, green skin; yellow flesh, delicious flavor, and is an excellent melon. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Large Yellow Canteloupe.** An oval variety, good sized; skin yellow, marbled with green; flesh salmon colored, sweet, highly perfumed and of good flavor; early and productive. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

✓ **Emerald Gem.** Fruit medium sized, slightly flattened at the ends. Flesh deep salmon, yellow, highly flavored. One of the leading varieties. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

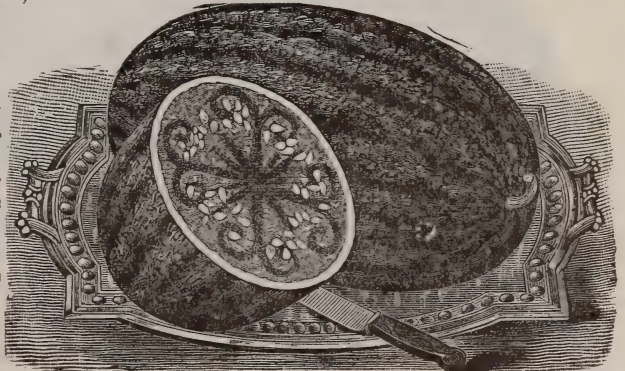
✓ **Paul Rose, or Petosky.** This new musk melon is a cross between the two well-known favorites Osage and Netted Gem, combining the rich sweetness of the former with the fine netting of the Gem. The flesh is salmon in color with a fine, close grain. The rind though thin is very firm which with its peculiar structure of flesh makes it one of the best shipping and keeping melons on the market. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 80c.

Melon==Water.

One ounce of seed to 30 hills.

✓ **Ice Cream, or Peerless.** Skin light mottled green; flesh bright scarlet, solid, crisp, melting and exceedingly sweet. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Hungarian Honey.** A very early sort from Hungary. Fine for northern latitudes. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

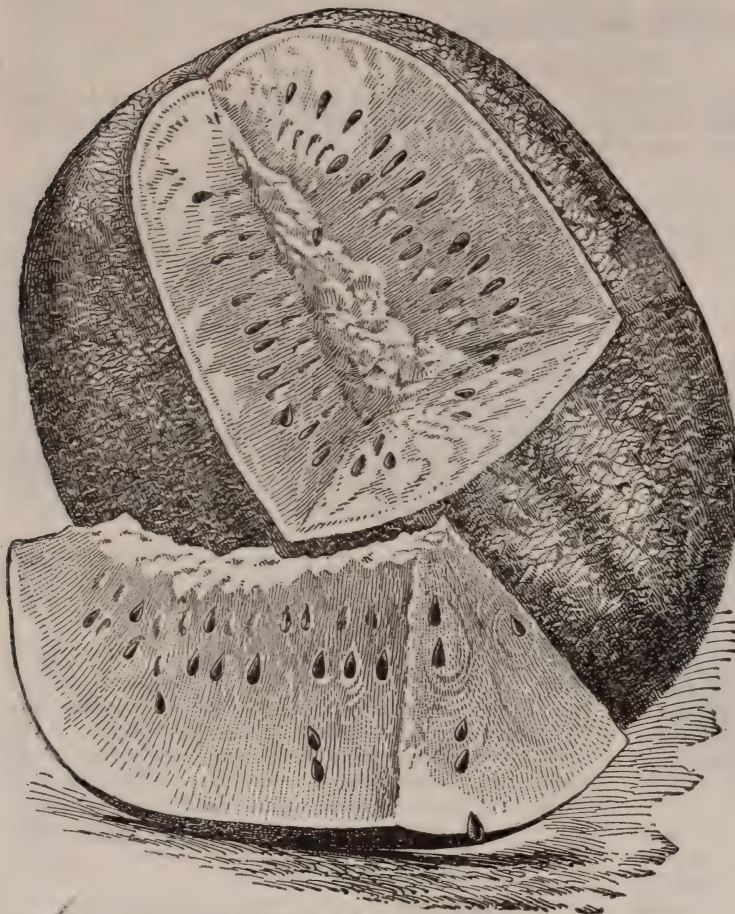


Phinney's Early.

✓ **Phinney's Early.** Very early, keeps well; sweet, tender and well flavored. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

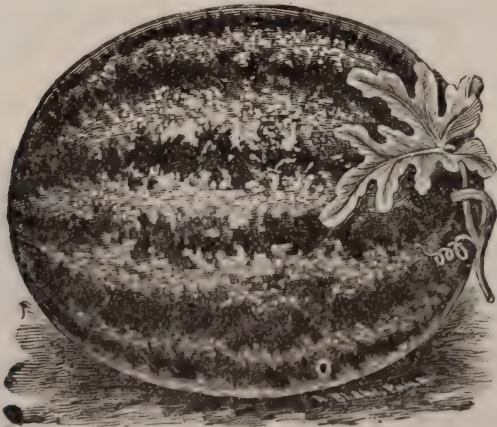
✓ **Dark Icing.** A distinct variety, resembling in size and shape the Ice Cream or Peerless. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Light Icing, or Jordan's Gray Monarch.** Very large. Considered by many the best melon grown. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.



Sweet Heart.

✓ **Sweet Heart.** Early, large bright skin. Flesh bright red, firm, solid, but very tender, melting and sweet. A long keeper and splendid shipper. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.



Cole's Early.

✓ **Cole's Early.** The finest early; medium size, round and striped skin. It matures in every State; very hardy; flesh of deep red, sweet and delicate in flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

✓ **Kolb's Gem.** Uniformly round and grows to a good size, often attaining a weight of 25 to 40 lbs.; flesh bright red and flavor excellent. It is unsurpassed as a shipping melon. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Georgia Rattlesnake.** One of the largest varieties, and stands shipment long distances. Fruit smooth, distinctly striped and mottled light and dark green. Flesh bright scarlet and very sweet. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Mountain Sweet.** Thin rind, flesh red, solid, rich and sweet. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Black Spanish.** Large, round, very dark green skin; flesh red, sweet and delicious. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Kentucky Wonder.** Oblong in shape, beautiful scarlet, crisp and not tough, rich and sugary flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Citron Red-Seeded.** For preserving. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

The MANN Bone Cutters are Unequaled

and there are more in use to-day in the United States and throughout the world than all other makes combined.

This fact indicates merit.



Cuban Queen.

✓ **Cuban Queen.** The flesh is dark red and of excellent flavor. It has a very tough rind, and carries in good condition without breakage. One of the largest varieties grown. Pkt. 5c; 1 oz. 7c; ¼ lb. 15c; 1 lb. 50c.

Martynia.

A strong growing, hardy annual. Highly prized for pickling. Pkt. 5c; 1 oz. 30c; ¼ lb. \$1.00.

Nasturtium.

Tall Mixed. Useful and ornamental; flowers of various colors. The green seed-pods are pickled in vinegar. The flowers are used for garnishing. Pkt. 5c; 1 oz. 15c; ¼ lb. 30c.

For other varieties see Flower List.

Mustard.

Used alone as "greens," or with cress as salad. Sow any time in the spring, in rows, and thin out as necessary.



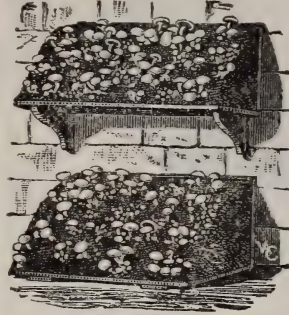
Giant Curled Mustard.

✓ **Southern Giant Curled.** We offer a fine strain of the true curled-leaf variety of the South for planting in the fall, to furnish an early spring salad. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 70c.

✓ **White English.** Leaves mild, tender when young, and generally preferred for salad. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 30c.

Mushroom Spawn.

With intelligent care and good spawn, Mushrooms may be made to pay handsomely. They can be successfully grown in a dry cellar, under the benches of a green house, or in sheds, where the temperature can be kept from 50 to 60 degrees through the winter.



Mushrooms.

✓ **French.** Mushrooms obtained from this spawn are very highly esteemed. In 3-lb. boxes, per box \$1.50.

✓ **English.** In bricks, 30c per lb., postpaid; by express, 20c per lb.

Okra or Gumbo.

✓ **Improved Dwarf Green.** Very early, with long green slender pods. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **White Velvet.** The pods are smooth or very slightly ribbed, large, remain tender a long time. Pkt. 5c; 1 oz. 15c; ¼ lb. 25c; 1 lb. 65c.

Onion.

If ordered by express or freight, deduct 10c from single pound price.



✓ **Oregon Yellow Danvers.** This improved variety is pronounced by all onion growers who have tried it the best strain of Yellow Danvers in cultivation. It is the earliest, largest in size, most perfect in shape, the largest cropper and the best keeper, and as a market or table onion cannot be excelled. Our seed is grown from selected bulbs by one of the most experienced onion growers in Oregon. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.75.

✓ **Yellow Danvers.** The old standard variety. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.40.

✓ **Yellow Globe Danvers.** Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

✓ **Yellow Strasburg, or Dutch.** Grows very large and flattened, of a dark rich color. Bulbs ripen quite early with flesh of mild flavor. One of the very best to grow for sets and keeps well. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

✓ **Mammoth Silver King.** An immense white onion, mild flavor. Very showy and attractive in appearance. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Giant Rocca.** Light red, of immense size. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **White Globe.** A handsome globe-shaped variety. A good keeper. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.

Beware of Cheap Onion Seed.

✓ **Extra Early Barletta.** A small onion of a pure paper-white color, very mild and delicate in flavor. Valuable for table use and for pickling. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



Red Wethersfield.

✓ **Large Red Wethersfield.** Round, good size, productive, keeps well. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

✓ **Early Large Red Globe.** Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.25.



Early Flat Red.

✓ **Extra Early Flat Red.** About ten days earlier than the Wethersfield, mild flavor; excellent keeper. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.



Small Queen.

✓ **Prize-Taker.** An immense, globe shaped, bright straw colored variety. Probably the largest globe variety known, and in quality one of the best. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.



Prize-Taker.

✓ **White Portugal, or Silver Skin.** A good variety for family use; skin and flesh pure white; mild flavor and flat shape. The best white onion; also grown largely for sets. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.



Australian Brown.

✓ **Australian Brown.** A new Onion from Australia, noted for being early and for its good keeping qualities; it is a beautiful yellowish-brown in color and of good size. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1. 65.

Onion Sets.

If ordered by mail, add 10c per lb. for postage.

✓ **Bottom Onion Sets.** Grown from black seed. Plant early in the spring in shallow drills twelve inches apart and four inches apart in the drills, and they will produce small green onions for the table in a short time. Either yellow, red or white. 1 lb. 15c.

✓ **Top Onions.** These do well, either for a small bunch or for large onions. 1 lb. 15c.

✓ **Multipliers.** Grown for the Green top. 1 lb. 20c.

✓ **Shallots.** 1 lb. 20c.

✓ **Chives.** (German Snittlach.) A delicate little plant belonging to the onion family, being perfectly hardy and coming quite early in the spring. 20c per bunch, postpaid.

✓ **Garlic.** The Garlic is the most pungent in the taste and has the strongest odor of all the onion family. Bulbs, per lb., 15c.

Parsley.

Two ounces of seed to 100 yards of row.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly, early in April in rows one foot apart and one-half inch deep; thin out the plants to stand six inches apart in the rows.

✓ **Champion Moss Curled, or Fern Leaved.** Leaves bright green, beautifully curled and crested, like fern or moss; nothing better for garnishing could be desired. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.



Moss Curled.

✓ **Triple Curled.** A fine free-growing, but not a large variety. The leaves are bright green, and the plant is very hardy. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

✓ **Hamburg, or Turnip Rooted.** A fleshy-rooted kind; the roots used for flavoring soups. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Pumpkin.

Ground should be rich. Leave only one or two vines in a hill. When the soil and climate are favorable, they are a profitable crop for feeding purposes.

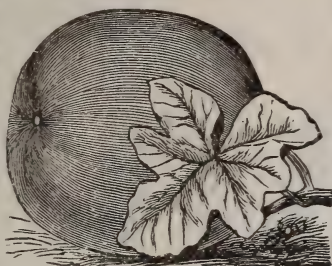
Connecticut Field, or Large Yellow.

A good pumpkin. Grown principally for feeding stock. Pkt. 5c; 1 oz. 10c; ¼ lb. 15c; 1 lb. 40c.

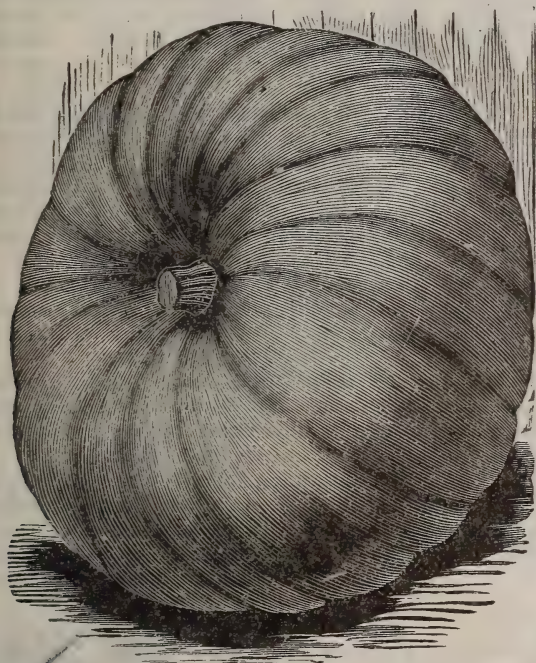
Sweet, or Sugar. Round, not large, but very sweet, an excellent table variety. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

Mammoth Tours. A productive French variety which grows to an enormous size. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

Cushaw, or Crookneck. Large, productive, fleshy and excellent. Color light cream. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.



Connecticut.



Large Cheese.

Large Cheese. Large, oval shaped, mottled light green and yellow; flesh very thick; sweet and nutritious. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Winter Luxury. This is an improvement of the old, well-liked Sugar Pumpkin and is admitted by all who have grown it to be the very best pie pumpkin on the market. Its size is uniformly about nine to ten inches in diameter; good winter keeper. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Tennessee Sweet Potato. Pear-shaped, flesh thick, cream white, fine grained, and of excellent flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

New Japanese Pie. Similar in size and in form to the Cushaw, but the skin is a deep green, with darker stripes, turning to a rich golden yellow when ripe. Seeds are marked with characters similar to the Chinese alphabet. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

Pepper.

Three ounces of seed to 100 yards of row.

Sow in drills on a warm border, late in spring or commencement or summer, and thin them to stand sixteen to eighteen inches apart; or they may be sown early in the season in a hot bed, or flower pot, and transplanted.

Large Bell, or Bull Nose. Early glossy, red, very large and mild. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

Red Cayenne. The variety sold in the market; small and pungent. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

Chili. Small, used in pickles and pepper sauce. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c.



Large Bell, or Bull Nose.



Golden Dawn.

Golden Dawn. Of same shape and size as the Large Bell, but of more delicate flavor. Color, yellow. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

Ruby King. Beautiful bright red pods, four to six inches long; very mild. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c.

Large Squash. Red, productive, and much used for pickles. Pkt. 5c; 1 oz. 20c; ¼ lb. 75c.

Parsnip.

Three ounces of seed to 100 yards of row.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart and one-half inch deep, in a rich, well-manured soil, deeply dug. Cultivate similarly to carrots. Valuable for feeding stock as well as for table use.

Large Sugar, or Hollow Crown. The best variety in cultivation; roots long, very smooth, white, tender, sugary and of excellent quality. Pkt. 5c; 2 oz. 15c; ¼ lb. 30c; 1 lb. 50c.

Improved Guernsey. A greatly improved and wonderfully fine strain of Guernsey Parsnip. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. Pkt. 5c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 50c.



Peas.

If ordered sent by mail, add 10c per lb. for postage.

One quart of seed to 100 feet of drill. Peas mature earliest in a light, rich soil; for the general crop a moderately heavy soil is best. Commence sowing the early varieties as soon as the ground can be worked.

The wrinkled varieties are more susceptible to cold, wet weather than the small, round, hard sorts, hence should not be planted very early except in warm, dry locations. They are sweeter and better flavored.

✓ **Alaska.** Extra early, and very uniform in growth, combined with its earliness and uniformity of ripening makes it one of the most desirable extra early peas for market gardening; height, two feet. Pkt. 10c; 1 lb. 15c.

✓ **First and Best.** Very early. One of the best for market gardeners, as the whole crop ripens in a few days so that the ground may be cleared and another crop planted. Pkt. 10c; 1 lb. 15c.

✓ **McLean's Little Gem.** A very early dwarf pea; green, wrinkled and very delicious. Pkt. 10c; 1 lb. 20c.

✓ **Premium Gem.** One of the earliest dwarf green wrinkled varieties. Similar to the Little Gem. Pkt. 10c; 1 lb. 20c.

✓ **McLean's Advancer.** Come in next after the Gems. Used extensively by canners. Height two and a half feet. Pkt. 10c; 1 lb. 20c.

✓ **Bliss's Everbearing.** Height about two feet; pods long, peas very large, unsurpassed in sweetness and flavor. Pkt. 10c; 1 lb. 20c.

✓ **Yorkshire Hero.** One of the largest, sweet, wrinkled kinds; vines strong and spreading, pods of good size and well filled, medium late, height two and a half feet. Pkt. 10c; 1 lb. 15c.



Nott's Excelsior.

✓ ***Nott's Excelsior.** A splendid variety. Perhaps the most valuable of all the dwarf early wrinkled peas. Unsurpassed in earliness, yield and quality. Pkt. 10c; 1 lb. 20c.

✓ ***Gradus.** A new English variety, and one of the hardiest, early sweet wrinkled peas. Productive, delicious and cannot help to commend itself to all lovers of peas. Pkt. 10c; 1 lb. 25c.



American Wonder.

✓ **American Wonder.** One of the earliest and most productive dwarf wrinkled peas in cultivation; requires no brush and is the most exquisite flavor. The vines grow eight or more inches high, according to the soil and season. Pkt. 10c; 1 lb. 20c.

✓ ***Veitch's Perfection.** Large wrinkled, popular and very productive; needs no sticks. Best variety for general crop in family garden. Pkt. 10c; 1 lb. 15c.

✓ ***Champion of England.** A leading late, sweet wrinkled pea, among the tall varieties. Pkt. 10c; 1 lb. 20c.

LATE VARIETIES.

✓ **Telephone.** Peas large, wrinkled, very sweet; pods enormous and well filled; height four feet. Pkt. 10c; 1 lb. 20c.

✓ **Dwarf Sugar Edible Podded.** (Gray Seeded.) One of the best edible podded kinds. Early; peas large, tender and very sweet. Pkt. 10c; 1 lb. 25c.

✓ **Melting Sugar.** It grows to the height of five feet, bears a profusion of large, broad pods. Pkt. 10c; 1 lb. 20c.



V. Perfection.

Black-Eyed Marrowfat. A good Marrowfat pea; yields heavy; height three feet. Pkt. 10c; 1 lb. 15c; 10 lbs. \$1.00.



Stratagem.

Stratagem. Select. Vines not large but of vigorous growth, producing a heavy crop; beautiful long pods, well filled with large peas of good quality; two feet high. Pkt. 10c; 1 lb. 20c.

Varieties marked (*) are wrinkled.

For Field Varieties see Field Seeds.

Potato.

Briggs' Extra Early. (Originated in Oregon.) Very early. Large, smooth, fine quality; flesh white. By mail, 1 lb. 20c; 3 lbs. 50c; by express or freight, 1 bu. \$1.75.

Rural New Yorker No. 2. A splendid medium early potato; eyes very few and shallow; skin and flesh pure white; splendid table variety and immense yielder. By mail, 1 lb. 20c; by freight, 1 bu. \$1.50.

Sir Walter Raleigh. One of the handsomest potatoes grown. Their cooking qualities are superior—white, dry and floury. Luxuriant, healthy growers, free from disease, blight, scab or rot. Shape and size are wonderfully uniform. By mail, 1 lb. 20c; 3 lbs. 50c; by freight, 1 bu. \$1.75; peck, 50c.

Early Sunrise.

One of the very finest of the early varieties.

By mail, 1 lb. 15c; by freight, per bu. \$1.50; peck, 50c.



Uncle Sam. Possesses many very desirable qualities. When cooked is pure white and very attractive. By mail, 1 lb. 20c; by freight, 1 bu. \$1.50; peck, 50c.

Carman No. 1. A very fine second early variety. By mail, 1 lb. 20c; 3 lbs. 40c; by express or freight, 1 bu. \$1.50; peck 50c.

Early Rose. The old standard early potato, too well known to need any description. By mail, 1 lb. 15c; by freight, per bu. \$1.25; peck 40c.

Peerless. Large size, very productive, good quality, white skin and flesh. Excellent for general crop. By mail, 1 lb. 20c; by express or freight, 1 bu. \$1.50.

Write for prices on larger quantities.

The market frequently changes and we can often make better prices than list.

The use of our Vegetable Fertilizer or Land Plaster will double your potato crop.

TRY IT.



Radish.

Six ounces of seed to 10 yards of row.

Radishes thrive best in a light, rich, mellow soil. For very early use sow in sheltered borders as soon as the ground can be worked. The winter varieties should be sown in July and August.



Early Long Scarlet
Short Top.

ROSES

CHOICE, RARE
and BEAUTIFUL.

See back part of
this Catalogue.

✓ **Early Long Scarlet Short-Top.** The standard family and market gardeners' variety. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Early Long Brightest Scarlet.** Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Half-Long, Deep Scarlet.** A handsome variety resembling somewhat the Olive-Shaped, but of a deeper scarlet. Good for forcing. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

✓ **Glass Radish.** It is a long Radish, of light pink color, white tipped of uniform size. The flesh is transparent white, always crisp and brittle, even if grown to a large size, and mild flavored. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 65c.

✓ **White Strasburg.** A very desirable summer variety. Both flesh and skin pure white. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 60c.



Improved Chartier.

✓ **Golden Globe, or Summer.** Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 65c.

✓ **Improved Chartier.** Of rapid growth. Soon ready for the table, remaining crisp and tender until fully grown. Color, scarlet above, shading into white at the tip. Flesh white and mild flavored. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

✓ **Lady Finger, or White Vienna.** Crisp and tender in summer. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 65c.

✓ **Early White Turnip.** Similar to Scarlet Turnip, except in color. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Scarlet Turnip, White Tipped.

Similar to the Scarlet Turnip-rooted, only that the under side of the bulb and tap-root is white. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Early Scarlet Turnip.** A small round, scarlet, turnip-shaped, small-topped variety, of quick growth, mild and crisp when young. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.



French Breakfast.

✓ **White Stuttgart.** Root large, often four inches in diameter, skin white, flesh white and crisp and not becoming strong or pithy until very late. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Long Black Spanish.** A large winter variety, one of the hardiest. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 55c.

✓ **Round Black Spanish.** A fine globe-shaped winter radish. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **California Mammoth White.** A winter variety, white-fleshed, firm and of excellent quality. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 65c.



Round Black Spanish.

Rhubarb, or Pie Plant

Four ounces of seed to 100 yards of row.

No market gardener or family should be without it. May be propagated from seed, but is usually grown from roots. The soil should be deep and rich.

✓ **Linaeus.** The earliest. Pkt. 5c; 1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.50.

✓ **Victoria.** Very large; finest cooking variety. Pkt. 5c; 1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.50.

For Rhubarb Roots see
Garden Roots.



Victoria.

Squash.

Three ounces of seed to 100 yards of row.

A very tender plant, of rapid and luxuriant growth; will not stand any frosts or cold nights and should be planted in a rich, warm, light soil, after the weather has become settled and warm.

SUMMER VARIETIES



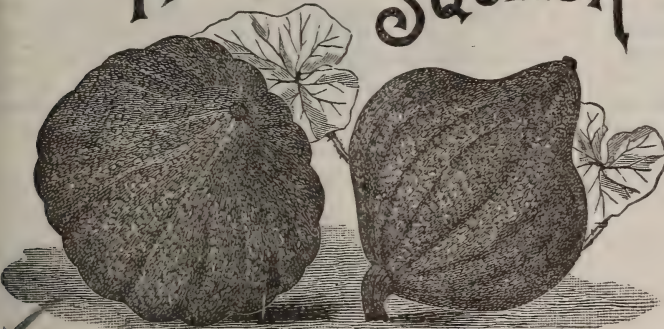
White Scallop Bush.

✓ **Early White Scallop Bush.** The earliest variety for market or shipping. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Early Mammoth White Bush, Scallop.** An improvement on the preceding in point of size, being twelve to fifteen inches across; very productive and uniform in growth. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 65c.

✓ **Early Yellow Bush Scallop.** An early flat scallop shaped variety; color yellow; flesh pale yellow and well flavored; very productive. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

THE FAXON SQUASH



✓ **Faxon.** It is remarkably prolific in habit, quality, dry and rich, without regard to the size, coloring or time of ripening. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

✓ **Early Mammoth Summer Crook-Neck.** Twice the size of the ordinary Summer Crook-Neck; also earlier and more warty; a decided advance on the old kind. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 65c.

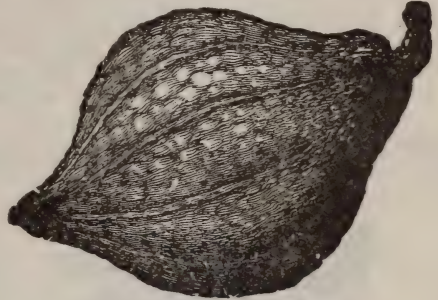
LATE VARIETIES.

✓ **Orange Marrow.** An improved Boston Marrow. Quite distinct, very early, and of most delicate flavor; suitable for fall and winter. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Fordhook.** One of the best winter Squashes; fine quality. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Sibley.** Shell smooth, thin, and of a pale green color; the flesh is thick, solid, deep orange color, very dry, fine grained and delicate flavor. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 65c.

✓ **English Vegetable Marrow.** White flesh; outside yellow; grows about nine inches long; ribbed. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.



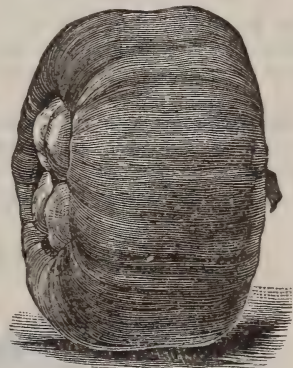
Hubbard Squash.

✓ **Hubbard.** The standard winter squash, best known. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

✓ **Golden Hubbard.** Similar to, but earlier than the Hubbard. Flesh deep orange. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c; 1 lb. 90c.

✓ **Marblehead.** Flesh deep orange colored, very dry and sweet; one of the best keepers. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

✓ **Mammoth Chili.** This is the largest variety known, and in rich soil has attained a weight of two hundred pounds. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.



American Turban.

✓ **Essex Hybrid, or American Turban.** A splendid variety for fall and winter use. The large fruits are broad, round, and slightly flattened at the ends, with a large nub or "Turk's Cap" at the blossom end. Skin deep creamy orange. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

Sugar=Cane.

✓ **Early Amber.** Early and rapid growth. Pkt. 5c; ¼ lb. 10c; 1 lb. 25c. Per 100 lbs., market price.



Tobacco

Tobacco.

✓ **Connecticut Seed Leaf.** Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

✓ **Havana.** Pkt. 5c; 1 oz. 35c; ¼ lb. \$1.00.

Groesbeck's Egg Producer is unsurpassed.

Spinach.

Four ounces of seed to 100 yards of row.

This is an important gardeners' crop, of easy culture. For spring and summer use, sow either broadcast or in drills one foot apart and one inch deep, as early as the ground can be worked and every two weeks for a succession.

✓ **Bloomsdale.** A very early variety. Is hardy and may be planted for early spring use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Long Standing.

✓ **Long Standing.** An improved variety, slow in going to seed, and perhaps the best for general use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 45c.

✓ **Monstrous Viroflay.** This variety produces the largest leaves of any, yielding an enormous crop. Excellent for the family or market garden. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Prickly Seed.** Fall or winter. The hardest variety; having smaller leaves but not so productive as the Round leaved. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 45c.

✓ **Long Standing Large Leaved Prickly.** An excellent variety. Leaves quite large, thick, and well crumpled or curled. Slow in running to seed. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 45c.

Sunflower.



✓ **Mammoth Russian.** The largest and most productive variety. It makes one of the very best of foods for poultry. $\frac{1}{4}$ lb. 10c; 1 lb. 20c. By express or freight, purchaser paying charges, 1 lb. 10c; 10 lbs. 90c.

Salsify, or Vegetable Oyster.

Cultivate the same as carrots and parsnips. It is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts to grow. Sow early in the spring in drills fifteen inches apart, in rows one inch deep. Thin out to six inches apart, keeping clear of weeds.

✓ **Long White.** The favorite market variety. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

✓ **Mammoth Sandwich Island.** A very fine variety; growing nearly twice the size of the old sort. This is taking the lead in the market and we recommend its use. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.



Salsify.

Best Tomatoes

One ounce of seed to 100 yards of row.

It is false economy to try to save on the first cost of Tomato Seed,—a little seed goes so far. And yet the country is almost "flooded" with cheap Tomato Seed, saved without any regard to selection, and sometimes even the refuse of canning establishments. Our Tomatoes are grown especially for Seed.

✓ **Atlanta Prize, Extra Early.** An early variety, of good size and smooth surface. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

✓ **Early Michigan.** A very smooth, perfectly shaped tomato, solid and without core. A strong grower and heavy cropper. Early. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

✓ **Livingston's Beauty.** For shipping and early market it cannot be excelled on account of solidity and toughness of skin. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

✓ **Acme.** One of the earliest; is of a strong and vigorous growth, very productive; fruit of a medium size. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

✓ **Royal Red.** Vines stronger and more vigorous than the Favorite; fruit larger, brighter, deeper red and fully as good in quality. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

✓ **Ignatum.** A very large Tomato of fine grain, good flavor and without hard core. Fruit red, smooth and solid. Very productive. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

✓ **New Imperial.** This fine new Tomato is very early, large, quite fleshy and free from any hard core. The fruits are red, smooth and of fine form. Pkt. 5c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

✓ **Fordhook First.** A very early, large, smooth tomato of good form and yield. Pkt. 5c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



Livingston's Beauty.

✓ **Optimus.** A second early kind; uniform in size; color bright red; smooth and handsome. One of the very best for this climate. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.



Livingston's Perfection.

✓ **Livingston's Perfection.** One of the best medium early kinds; round, uniformly smooth; vines very productive; fruit deep scarlet, firm and of excellent quality. Sow this variety for main crop. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Golden Queen.** Very handsome; flesh yellow, rich, and of superior quality. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.



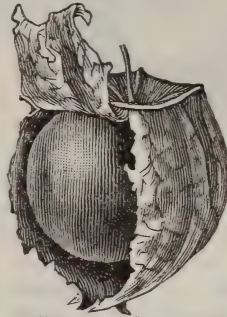
Livingston's Favorite.

✓ **Livingston's Favorite.** One of the best for general crop; vines vigorous, continuing in bearing all season. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Dwarf Champion.** Quite distinct in foliage and habit of growth, being compact and upright; fruits early, and resembles the Acme in appearance. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Dwarf Aristocrat.** Beautiful, rich glossy red fruit. Valuable for forcing or growing on the outside for early market. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

✓ **Yellow Plum-Shaped Tomato.** Fruit a little larger than the Pear-shaped; of even plum shape; skin and flesh clear, deep yellow color; very popular for preserving. Pkt. 5c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.



Ground Cherry.

✓ **New Stone.** Pkt. 5c; 1 oz. 20c; ¼ lb. 65c; 1 lb. \$2.25.

✓ **Husk Tomato, or Ground Cherry.** Fine for sauce, preserves, and for eating fresh. Pkt. 5c; 1 oz. 30c; ¼ lb. 75c; 1 lb. \$2.50.

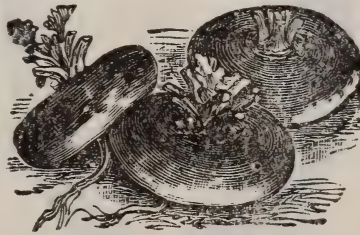
For Plants see Vegetable Plants.

Turnip.

Three ounces of seed to 100 yards of row.

The turnip delights in a light, rich, sandy loam which has been well manured. For early use, sow the early varieties as soon as the ground opens in the spring, in drills from twelve to fifteen inches apart. For a succession, continue to sow every two weeks until June, then discontinue until the middle of July. For a fall and winter crop, sow not later than the first of September.

WHITE-FLESHED KINDS.

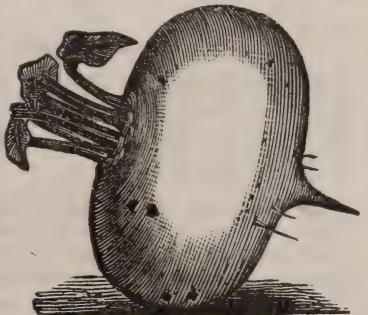


Early Red-Top, Strap Leaved.

✓ **Early Red-Top, Strap Leaved.** One of the best; flat and good size. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

✓ **Extra Early Purple-Top Milan.** The earliest variety of turnip. Top small, erect, strap-leaved; bulb very flat, a deep purple above, white underneath; an excellent keeper. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 70c.

✓ **Extra Early White Milan.** As early as the above and a beautiful pure white. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.



White Milan.

✓ **Pomerian White Globe.** This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Sweet German.** Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



Early Flat White Dutch.

✓ **Early Flat White Dutch.** A leading white-fleshed variety and one of the best, either for the family, market garden or field crop. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Purple Top White Globe.** A large globe-shaped variety, purple above ground. It is handsome and of excellent quality. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **White Norfolk.** A large-growing round, flat-shaped variety; coarse-grained and sweet. One of the best early for feeding stock. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.



White Egg.

✓ **White Egg.** An entirely distinct variety. It belongs to the class of quick-growing fall turnips. Of extra fine flavor and texture. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Cow Horn, or Long White.** A distinct variety, having a long slightly-curved root, somewhat resembling a carrot. It is white with a green tinge near the top; growing partly above the ground; flesh tender, sweet, and of fine quality. Can be sown early for fall and winter use. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ YELLOW-FLESHED VARIETIES.

✓ **Yellow, or Amber Globe.** This variety is handsome and grows to a large size. Color, pale yellow. One of the best for general crop. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Golden Ball, or Orange Jelly.** It forms a bulb having a beautiful bright yellow rind and cream colored flesh; rich, pulpy, and excellent for culinary use, as well as for stock. Its keeping qualities are unrivaled. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

✓ **Yellow Aberdeen.** Bulb globular, reddish purple and deep yellow below; solid and hardy. Generally grown for farming purposes. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

Ruta Bagas, or Swedes.

Sow from the 20th of June to the middle of July in drills two feet apart and thin out to 8 inches in the rows.

✓ **Skirving's Purple Top.** Enormously productive; flesh yellow, solid and sweet. One of the best for field culture. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c.



American Ruta-Baga.

✓ **Improved American Purple Top.** This variety is largely grown, both for table use and stock feeding. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c.

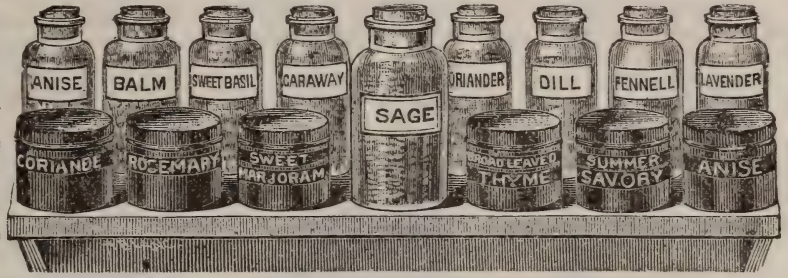
✓ **Monarch, or Tankard.** Color purplish-crimsch above ground, yellow below. The flesh is of the best quality. The roots grow much above ground, making them easy to harvest. Produces an immense crop. Pkt. 5c; 1 oz. 10c; 2 oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c.

✓ **White Russian.** Large, white and solid. Pkt. 5c; 1 oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c.

THE PLANET JR. TOOLS are not to be classed with the many lines of cheap Garden Tools now thrown on the market. Material, workmanship and the way they do the work is an eye opener.

Herb Seeds—Pot, Sweet and Medicinal.

Herbs in general delight in rich, mellow soil. Those marked with a (*) 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 one foot apart. We offer some of the most useful and popular.



Anise. For garnishing and seasoning. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c. Flavoring, 1 lb. 40c.

***Balm.** A fragrant, lemon-scented herb, used for making Balm tea or Balm wine. Pkt. 5c; 1 oz. 25c.

Basil, Sweet. Useful for seasoning soups. Pkt. 5c; 1 oz. 15c; ¼ lb. 50c.

Borage. Leaves used for flavoring, and flowers furnish bee pasture. Pkt. 5c; 1 oz. 15c.

***Caraway.** Cultivated for the seed, which is used extensively in cakes and confectionery. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c. Flavoring, 1 lb. 35c.

***Catnip.** A mild nervine, excellent for children. Pkt. 5c; 1 oz. 30c.

Coriander. The seed is used medicinally, in confectionery, etc. Leaves are used for garnishing. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c. Flavoring, 1 lb. 35c.

Dill. Hardy annual; seeds used medicinally and also for flavoring. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c. Flavoring, 1 lb. 50c.

Fennel, Sweet. Leaves and seeds used for flavoring. Pkt. 5c; 1 oz. 10c; ¼ lb. 30c. Flavoring, 1 lb. 50c.

Fenugreek. Pkt. 5c; 1 oz. 10c; 1 lb. 35c.

***Horehound.** Very bitter plant, useful for its tonic properties. Pkt. 5c; 1 oz. 20c.

***Lavender.** Cultivated for the fragrance of its flowers. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

Majoram, Sweet. The young shoots and leaves are used for flavoring. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c.

***Rosemary.** Leaves used for flavoring. Pkt. 5c; 1 oz. 40c.

***Rue.** Used medicinally. Pkt. 5c; 1 oz. 20c.

***Sage, Broad-Leaved.** The leaves and tender tops are used in dressings. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

Savory, Summer. Used for flavoring. It is a hardy annual. Pkt. 5c; 1 oz. 15c; ¼ lb. 40c.

Saffron. Pkt. 5c; 1 oz. 20c.

Sorrel. Pkt. 5c; 1 oz. 20c.

***Thyme.** Used for flavoring soups, dressings, etc. Pkt. 5c; 1 oz. 20c; ¼ lb. 60c.

Wormwood. Used for medicinal purposes. It is also beneficial to poultry and should be planted in poultry grounds. Pkt. 5c; 1 oz. 20c.

Tree Seeds.

Purchaser to pay transportation charges on all quantities above one pound.

Apple Seed. (American.) For nursery stocks. 1 oz. 10c; ¼ lb. 15c; 1 lb. 40c.

Apple Seed. (French Crab.) 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Cherry Pits, Mazzard. (Cerasus.) 1 oz. 10c; ¼ lb. 15c; 1 lb. 40c.

Cherry Pits, Mahaleb. 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Peach Pits. For nursery stocks. 1 lb. 20c; 100 lbs. \$2.00.

Pear Seed. (Pyrus Communis.) The best imported for nursery stocks. 1 oz. 15c; ¼ lb. 45c; 1 lb. \$1.50.

Pear Seed, Native. 1 oz. 20c; ¼ lb. 50c; 1 lb. \$2.00.

Plum Pits. (Prunus myrabolano.) For nursery stock. 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Quince Seed. 1 oz. 20c; 2 oz. 30c; ¼ lb. 50c; 1 lb. \$2.00.

Box Elder, or Ash Leaf Maple. (Acer negundo.) 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c.

Horse Chestnut, or Buckeye. 1 lb. 35c.

Locust, Yellow or Black. A tree of rapid growth. Sown in our Western states for timber. 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 50c.

Locust, Honey. 1 oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c.

Vegetable Plants.

	Postpaid.	By Express.		
	Per Doz.	50	100	1000
Cabbage Plants—				
Early varieties	\$0.20	\$0.30	\$0.50	\$3.50
Late varieties .....	.15	.30	.40	3.00
Cauliflower Plants—				
Early varieties .....	.25	.70	1.00	7.00
Late varieties .....	.20	.45	.70	5.00
Tomato Plants—				
Standard varieties .....	.25	.60	.85	5.50
Celery Plants—				
Standard varieties .....	.20	.45	.65	4.50
Miscellaneous—				
Sweet Potato .....	.30	.50	.85	5.00
Pepper .....	.25	.60	1.00	....
Kale .....	.20	.40	.60	3.50
Brussels Sprouts .....	.20	.45	.60	2.50
Celeriac .....	.20	.65	1.00	....
Egg Plant .....	.25	.65	1.00	....
Tobacco .....	.25	...	1.25	....
Chives, per bunch .....	.....	.....	.....	.25

Other varieties furnished if desired. No plants sent C. O. D.

Write for quotations on larger quantities

Garden Roots and Tubers.

Asparagus Roots. 1 year, postpaid, per doz. 20c; 100 postpaid, 75c; 2 year, per doz., postpaid, 25c; per 100, \$1.00.

Hop Vines. 1 doz. postpaid, 25c; 100, \$1.00.

Horseradish. 1 doz. postpaid, 25c; 100, 75c.

Rhubarb. 1 year, 1 doz. 50c; by mail, 65c.

Rhubarb. 2 year, 1 doz. 75c and up.



Artichokes.

Artichoke, Red Jerusalem. The tubers grow similar to potatoes. They furnish one of the best foods for stock ever put on the market, being very nutritious and healthful. Sow from 150 lbs. to 200 lbs. per acre. 1 lb. 20c; 100 lbs. \$1.75.

Artichoke, White. Flesh white and sweet. Produces a larger crop of tubers than the red; now taking the lead. 1 lb. postpaid, 20c; 100 lbs. \$1.75.

Write for Quotations on larger quantities.

Our Fertilizers are made of the very best material, containing highest percentages of Nitrogen, Potash, Phosphoric Acid, etc., and it will pay you to investigate before buying elsewhere.

Remember judicious fertilizing pays.

HIGH-GRADE

EXTRA CLEAN

GRASS AND CLOVER SEEDS.

Grass and Clover have become of so much importance to the agriculturist within the last few years that we have deemed it wise to pay special attention to the matter of seeds for the production of these articles. Our grass and clover seeds are extra clean and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

Write for prices on Grass and Clover Seeds, stating kinds and quantities wanted. Prices vary with the market, and we can frequently supply lower than Catalogue rates, and if favored with your order will send extra seed to make full value.

PLEASE NOTE: Add 10 cents per pound for postage when ordering by mail.



Bromus Inerimis.

Bromus Inerimis.
Awnless Brome Grass
—Russian Brome
Grass. Valuable for semi-arid lands; good for cutting and feeding in green state, for pasture or hay. Its running roots take a deep and permanent hold upon the land, and it will probably replace, in a large degree, the fast disappearing Bunch grasses of Eastern Oregon and Eastern Washington, where it has done well. Sow 20 to 30 pounds to the acre. 1 lb. 20c; 100 lbs. market price.

LAND PLASTER

Our stocks are absolutely free from clay, sand or other foreign matter. 99% pure.

Bromus Schraderi.

(Rescue Grass.) Also known as Bromus Unoloides. Thrives in any soil, but prefers that which is wet or moist. In England, four or five green crops are cut in a year, and every time it is cut another crop shoots from the roots. All kinds of stock eat it freely. Thirty lbs. to the acre. 1 lb. 25c; 100 lbs. market price.



Bromus Schraderi.



Kentucky Blue Grass.

Kentucky Blue Grass. (*Poa pratensis*.) Is universally known and succeeds anywhere; desirable for pastures and lawns. Sow in Fall or Spring. For pasture sow forty or fifty pounds to the acre, but to secure a fine lawn, much heavier seeding is required and not less than ninety pounds should be sown. Fancy Clean. 1 lb. 20c; 100 lbs. market price.

Blue Grass Canada. (*Poa compressa*.) Differs from the Kentucky variety in its flattened wirey stem. Because of its creeping root stocks it forms a fine turf; recommended in all pasture mixture on dry soil, thrives well on clay or hard trodden and poor soil. 1 lb. 15c; 100 lbs. market price.

Meadow Fescue. (*Festuca pratensis*.) A perennial variety growing three or four feet high. It roots deep, thus resisting drought better than most grasses. It succeeds on any ordinary soil; yields a heavy crop of superior hay; one of the best grasses for pastures. Valuable to mix with other kinds. Use thirty pounds per acre when sown alone. 1 lb. 20c; 100 lbs. market price.



English Blue Grass or Meadow Fescue.

Bunch Grass. (*Agropyron divergens*.) Should not be pastured the first season. 1 lb. 50c.



Crested Dog's Tail.

Crested Dog's Tail. (*Cynosurus cristatus*.) A perennial grass with short, narrow leaves, particularly valuable for lawns or pastures on dry, light land. 1 lb. 45c; 100 lbs. market price.

Rhode Island Bent. (*Agrotis canina*.) This somewhat resembles Red Top, but has shorter and narrower leaves. It makes a close sod and is valuable for permanent pastures and meadows. Per lb. 35c.

Creeping Bent Grass. (*Agrostis stolonifera*.) Valuable to mix with other pasture grasses, and it will thrive in moderately moist soil. For pasture, sow 18 to 36 pounds per acre; for lawns, 36 to 48 pounds. 1 lb. 30c; 100 lbs. market price.

Floating Fescue. (*Festuca fluitans*.) A perennial with long creeping roots and preferring a rich muddy or alluvial soil. Trout and wild ducks are very fond of the seed and tender shoots. 1 lb. 35c; 100 lbs. market price.

Fescue, Sheep's. (*Festuca ovina*.) Grows freely in high, dry and open pastures. Its chief merit for sheep pasture is that it occupies land where better grasses refuse to grow. Thirty-five pounds to the acre. 1 lb. 25c.

Johnson Grass. (*Andropogon Halepensis*.) This is a native of Southern Europe. It is a strong growing perennial and thrives best in the Southern States where it makes rapid growth. It is but little affected by drought and makes excellent hay if cut just as it is coming into bloom. Sow 20 to 30 pounds per acre. 1 lb. 20c; 100 lbs. market price.



Johnson Grass.

Lawn Grass, Choice. A good, strong-growing grass for lawns that will give satisfaction. Sow twelve to fifteen pounds to an ordinary city lot. 1 lb. 15c; 100 lbs. market price.

Lawn Grass, Fancy. Is composed of the finest and best mixture of neat, compactly growing varieties, producing a fine sward. Sow 100 lbs. to the acre. 1 lb. 25c; 100 lbs. market price.

Meadow Foxtail. (*Alopecurus pratensis*.) One of the very best for permanent pasture. Stands intense summer heat without burning. Sow 25 lbs. to the acre. 1 lb. 35c; 100 lbs. market price.

Mesquite. (*Holcus lanatus*.) It is usually sown on virgin soil, without cultivation, after the ground burned over. Use about thirty-five to forty pounds per acre. 1 lb. 10c; 100 lbs. market price.

Orchard Grass. (*Dactylis glomerata*.) One of the most valuable of all the cultivated grasses blooming with Red Clover and making with it admirable hay. As a pasture grass, it is more productive than any other, and does best under close feeding. Sow twenty-five pounds to the acre. 1 lb. 15c; 100 lbs. market price.



Orchard Grass.



English Rye Grass.

English Rye Grass. (*Lolium perenne*.) A strong-growing, hardy, perennial grass, noted for its nutritive qualities. It is equally valuable for grazing and hay, and will succeed on any good, tillable land, if well prepared. Also makes a fine lawn. Sow forty or fifty pounds to the acre; for lawns, not less than one hundred pounds. 1 lb. 10c; 100 lbs. market price.

Rye Grass, French. (See Tall Meadow Oat.)

Rye Grass, Italian. (*Lolium, Italicum*.) Though a distinct variety, its qualities are similar to the English Perennial, and it will succeed on the same soils. From forty to fifty pounds to the acre should be sown. 1 lb. 12c; 100 lbs. market price.



Italian Rye Grass.

Rough - Stalked Meadow Grass. (*Poa trivialis*.) A most valuable grass which flourishes in moist, rich soils and sheltered situations. It is highly nutritive, and horses, oxen and sheep are very partial to it. Twenty pounds to the acre. 1 lb. 45c.

Tall Meadow Oat Grass, or French Rye Grass. (*Avena elatior*.) A valuable grass for permanent pasture; early, luxuriant growth and abundant supply which is relished by cattle early and late; also makes splendid hay. Sow twenty pounds to the acre. 1 lb. 25c; 100 lbs. market price.



Tall Meadow Oat Grass.

Fowl Meadow Grass, or False Red Top. (*Poa serotina*.) Yields well when sown on low, moist land, and stands longer in condition for cutting than most grasses. It can be mowed almost any time from July to October. Requires about twenty-five pounds of seed per acre. Sow in spring or fall. Per lb. 25c; 100 lbs. market price.

Sweet Vernal. (*Anthoxanthum Odoratum*.) Valuable to put in pasture mixtures and lawn grass, on account of its earliness and its delightful fragrance when in bloom. Sow about 30 pounds to the acre. True Perennial, 1 lb. 90c; Annual, 1 lb. 25c.

Timothy. (*Phleum pratense*.) As a grass to cut for hay this is unsurpassed. It does best on moist, loamy soils, and is not suited to light lands. 1 lb. 9c; 100 lbs. market price.



Timothy.

Water Meadow Grass. (*Poa Aquatica*.) An excellent and useful pasture grass for very wet places. Sow twenty pounds to the acre. 1 lb. 35c; 100 lbs. market price.

Wood Meadow Grass. (*Poa memorialis*.) Adapted for pasture or pleasure grounds, of early growth, thrives well under trees. Thirty pounds to the acre. 1 lb. 50c.

Clovers.

Alsike, or Swedish Clover. (*Trifolium hybridum*.) This valuable variety is the hardiest of all the Clovers and is sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Its superior pasturage is much liked by cattle. Blossom head round, flesh-colored, sweet and fragrant, much liked by bees. Sow ten pounds per acre. 1 lb. 20c; 100 lbs. market price.

Red Clover. (*Trifolium Pratense*.) The leading variety of Clover for pastures or meadows. The seed we offer is re-cleaned and free from weeds. Sow twelve pounds to the acre. 1 lb. 14c; 100 lbs. market price.

Mammoth Clover. This variety grows five to six feet high, and is used almost exclusively for plowing under for manure. Sow from twelve to fifteen pounds per acre. 1 lb. 15c; 100 lbs. market price.

Bokhara, Sweet or Honey Clover. (*Melilotus Alba*.) A rapid growing white-flowered sort, excellent for bees. 1 lb. 25c; 100 lbs. market price.

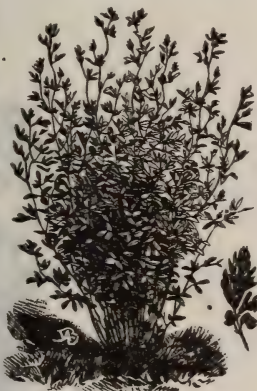


White Dutch Clover. (*Trifolium repens.*) An excellent pasture clover forming in conjunction with Kentucky Blue Grass, the finest and most nutritious food for sheep and cattle. It also makes a beautiful lawn. When sown alone use eight or ten pounds per acre. 1 lb. 20c; 100 lbs. market price.

White Clover.

Esperette Clover, or Sainfoin. (*Onobrychia sativa.*) A hardy perennial variety. Yields a heavy crop of hay which is easily cured and greatly relished by stock; forty or fifty lbs. to the acre. 1 lb. 20c; 100 lbs. market price.

Alfalfa or Lucerne Clover. (*Medicago sativa.*) One of the most valuable of the clovers. It resists the driest weather, and when every blade of grass droops for want of moisture it holds up fresh and green. It is the best variety to use on lands that have to be irrigated. Sow fifteen lbs. to the acre. 1 lb. 13c; 100 lbs. market price.



Alfalfa or Lucerne Clover.

Scarlet or Crimson Clover. Brilliant scarlet flowered, very productive, and greedily eaten by cattle; remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring. 1 lb. 13c; 100 lbs. market price.



Scarlet Clover.

Land Plaster.

The use of "OREGON" LAND PLASTER as a fertilizer, is most beneficial on high, sandy and basaltic soils, and has a marvelous effect on crops, especially clover, potatoes, cabbage, peas, wheat, rye, barley, and all grass crops.
PATRONIZE HOME PRODUCT.

Farm Seeds.

The prices are subject to the market fluctuations. Quotations on large quantities given on application.

Add 10 cents per pound if wanted sent by mail.



Buckwheat, Japanese. This variety excels all others. Will yield much heavier than any other, and it ripens one week to ten days earlier, stands up better and makes better flour than any other kind of Buckwheat. 1 lb. 5c; 100 lbs. \$3.50.

Buckwheat, Silver Hull. This improved variety is much better than the old sort. It is in bloom longer, matures sooner and yields heavier per acre. The grain is of a beautiful light gray color. Buckwheat makes splendid bee pasture. 1 lb. 5c; 100 lbs. \$3.25.

Buckwheat, Common. 1 lb. 5c; 100 lbs. \$3.00.

Barley. For seed. 1 lb. 3c; 100 lbs. market price.

Beardless Barley. 1 lb. 3c; larger quantities, market price.

Corn-wheat, or German Roggen. A new Cereal that will out-yeild corn and double the yield of wheat. In green state it makes excellent pasture, and straw after being threshed makes a good hay. Every farmer should give it a trial. 1 lb. postpaid, 20c; larger quantities, market price.

Red Kaffir Corn. (Non-saccharine.) The plant is low, stocky, perfectly erect. The whole stalk, as well as the blades, cures into excellent fodder and in all stages of its growth is available for green feed. 1 lb. 7c; 100 lbs. market price.

White Kaffir Corn. 1 lb. 7c; 100 lbs. market price.

Field Peas. Small White. (Canadian.) The most profitable and popular variety. 1 lb. 5c; 100 lbs. \$3.00.

Field Peas. Blue Prussian. 1 lb. 7c; 100 lbs. market price.

Field Peas. Swiss. 1 lb. 10c; 100 lbs. market price.

Flax Seed. Prime, clean seed for sowing. 1 lb. 10c; 100 lbs. market price.

Speltz. Largely used in Germany for Flour, of which it makes a superior quality. It is unexcelled for feed for horses, cattle, hogs and poultry. Grows well in Oregon and is a heavy producer. Cultivate same as barley. 1 lb. 10c; 100 lbs. \$5.00.



Soja Beans.

Soja Beans. A very valuable fodder plant, either for feeding green or for the silo. It is a rich food, and is unsurpassed for forming flesh. Like clover, it improves the soil by drawing its nitrogen from the air. Very productive. 1 lb. 15c; 100 lbs. \$9.00.

Sugar Cane, Early Amber. 1 lb. 10c; 10 lbs. 75c.



Hungarian Millet.

Millet, Common. A variety growing from three to four feet high, having rather broad blades and strong stalks. For a seed crop sow fifteen pounds per acre; for hay and pasture use thirty pounds. 1 lb. 10c; 100 lbs. \$4.50.

Millet, German or Golden. (*Panicum Germanicum* var.) An improved variety, yielding a larger crop of seed than the Common Millet. It is also taller than the Common and yields a heavier crop of hay. 1 lb 10c, 100 lbs. \$4.75.

Millet, Hungarian. (*Panicum Germanicum*.) A dwarf annual Millet. It is finer than the Common German Millets, but produces a closer stand and yields almost as much per acre as the taller varieties. 1 lb. 10c; 100 lbs. \$5.00.

Millet, Pearl or Egyptian. Produces an enormous amount of green feed. It can be cut repeatedly, growing very rapidly after cutting and is equal to sweet corn for feed. 1 lb. 15c; 100 lbs. market price.

Rape. Dwarf Essex. Good for sheep pasture. May be sown in May; or even after taking off a crop of potatoes. Fall sowing will also give good results. In drills sow five pounds to the acre; broadcast, ten pounds to the acre. 1 lb. 15c; 100 lbs. \$8.25.

Cow Peas. Good for fodder, sheep being very fond of them when in flower. Their chief value, however, is as a green crop to plow under. 1 lb. 10c; 100 lbs. market price.

Idaho Pea, or Coffee Berry. A forage plant valuable for semi-arid lands. Yields excellent crops of feed for horses, cattle, sheep and poultry. The peas, when nicely browned and ground, make an excellent beverage. 1 lb. 15c; 100 lbs., price given on application.

Cheat Seed. Now being used quite extensively for hay. 1 lb. 5c; 100 lbs. market price.

Sacaline. Pkt. 10c; 1 oz. 40c; ¼ lb. \$1.25.

Lathyrus Sylvestris. Also called flat pea. Pkt. 5c; 1 oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.



Vetches.

Spring Vetches, or Tares. (*Vicia sativa*.) A species of the pea; grown extensively for stock feeding. It is coming to be recognized as one of the best forage plants for Oregon and Washington. Also very valuable for green manuring. Culture same as for Field Peas. Sow one bushel per acre with wheat or oats. 1 lb. 5c; 100 lbs. \$4.00.

Winter Vetches. (*Vicia villosa*.) Perfectly hardy and very nutritious. Thrives on poor, arid, sandy soils. Can be cut twice for fodder and again for seed. Sown either in fall or spring, generally with rye for a support. Grows three to four feet high. Sow at the rate of 1½ bushels to the acre. 1 lb. 20c; 100 lbs. \$14.00.

SELECT

CHOICEST

FLOWER SEEDS.

WE DELIVER FREE, to any post office in the United States, ALL FLOWER SEEDS offered in this Catalogue.

Flowers are divided into three classes—Annual, Biennial and Perennial. The annuals are those flowers that bud, blossom and ripen their seed the first season and then die. They are valuable to both the amateur and professional gardener. To them we are mainly indebted for our brightest and best flowers in the late summer and autumn months. Biennials and Perennials are those flowers that live on for two years or more, and, with but few exceptions, do not blossom the first season.

Ageratum. MEXICANUM. Blue. Half-hardy annual. Fine for bouquets, and useful for beds, borders and pots. Pkt. 5c; MIXED Pkt. 5c.



Agrostemma.

Agrostemma. CORONARIA. (Rose Campion.) Perennial. Beautiful for beds, ribbons and borders. Their graceful, pink like flowers remain fresh, after being cut, a long time. Thrive in any good soil.

MIXED. Pkt. 5c.

Acroclinium. Exceedingly graceful plants with everlasting flowers. Mixed colors. Pkt. 5c.

Agrostis. NEBULSA. Ornamental Grass. A hardy, annual, ornamental grass; delicate and graceful; very beautiful for winter bouquets. Pkt. 5c.

Auricula. (Primula Auricula.) Beautiful spring blooming flowers. FINE MIXED. Pkt. 25c.



Sweet Alyssum.

Amaranthus. Strong growing ornamental plants for bedding purposes. Half-hardy annual.

MELANCHOLICUS RUBER. Dwarf habit; deep red foliage. Pkt. 5c.

CAUDATUS. (Love Lies Bleeding.) Graceful drooping flowers. Pkt. 5c.

CRUENTUS. (Prince's Feather.) Handsome, erect flowers. Pkt. 5c.

TRICOLOR. (Joseph's Coat.) Beautifully variegated foliage scarlet, yellow and green. Pkt. 5c.

Ammobium. (Alatum Grandiflorum.) Fine white, everlasting. Pkt. 5c.

Aster. Very beautiful and popular half-hardy annuals growing from 10 to 18 inches high. For profusion of flowers and richness of display, the Asters are unrivaled.

CRYSANTHEMUM FLOWERED. Half Dwarf, White, Scarlet, Lilac, Rose. Mixed. Each, Pkt. 10c.

GIANT COMET. Rose. Crimson. Light Blue. Snow White. Mixed. Each, Pkt. 10c.

GERMAN QUILLED. Mixed. Pkt. 5c.

SEMPLE'S LATE BRANCHING. Mixed. Pkt. 10c.

JEWEL. Mixed. Pkt. 10c.

TRUFFAUT'S PAEONY PERFECTION. White, Crimson, Light Blue, Rose, Mixed. Each, Pkt. 10c.



Paeony Flowered Asters.



Balsam.

Balsam. (Lady's Slipper. Touch-Me-Not.) Exceedingly handsome and attractive.

TALL DOUBLE WHITE. Extra choice. Pkt. 10c.

TALL DOUBLE CAMELIA FLOWERED. Mixed. Pkt. 5c.

TALL DOUBLE. Mixed. Pkt. 5c.

DWARF DOUBLE. Mixed. Pkt. 10c.

Browallia. Mixed. Pkt. 5c.

Brachycome. (Swan River Daisy.) A handsome, dwarf-growing free-flowering annual from Australia. CHOICE MIXED. Pkt. 5c.

Briza. MAXIMA. Handsome ornamental grass. Fine for winter bouquets. Pkt. 5c.

Calceolaria. Splendid greenhouse plants, with flowers beautifully striped, blotched and variegated. **HYBRIDA MIXED.** Pkt. 25c.



Carnation.

Carnation. (*Dianthus carophyllus*.) A well-known half-hardy perennial. Having flowers of delicious fragrance, which are large and beautiful. Grows one-half foot high. **EXTRA CHOICE DOUBLE.** Mixed. Pkt. 20c.

COMMON DOUBLE MIXED. Pkt. 10c.

MARGARET. If sown early in the spring, will flower the first year. Double half dwarf. **MIXED.** Pkt. 10c.

Calendula. (**POT MARIGOLD.**) Showy, free-flowering, hardy annuals. Pkt. 5c.

Canary-Bird Flower. (*Tropaeolum canariense*.) One of the best climbing plants with graceful foliage and yellow blossoms. Pkt. 5c.

Canna. (**INDIAN SHOT.**) Ornamental, tropical-looking plants, of easy culture, the Crozy varieties having especially large and beautiful flowers. Crozy's fine mixed. Pkt. 10c.

Celosia. Graceful, free blooming plants. They can be grown in pots for the conservatory, or may be planted out after danger of frost is past. Half-hardy annuals.



Celosia.

Cyclamen Giganteum. The seed produces bulbs from which beautiful flowers are produced within twelve months' time. The Cyclamen is especially fine for pot culture in parlor or greenhouse.

GIGANTEUM HYBRIDUM MIXED. Pkt. 25c.

Centaurea. CANDIDISSIMA. (Dusty Miller.) Dwarf, silvery foliage plants, desirable for beds and edging. Pkt. 10c.

Centaurea. CYANUS. (Bachelor's Button or Cornflower.) Well known, constant blooming annual; valuable for bouquets. Mixed. Pkt. 5c.

DOUBLE. Finest mixed. Pkt. 5c.

NANA COMPACTA HYBRIDA. Dwarf, fine for pots and edging. Pkt. 10c.

Centaurea. SUAVEOLENS. Pkt. 5c.

ODORATA CHAMELEON. Pkt. 10c.

MARGARITAE. Pkt. 10c.

"Chameleon" and "Margaritae" are superb new sorts, with very large and fragrant flowers; fine for cutting.



Calliopsis.

Calliopsis, or Coreopsis. (**BLACK-EYED SUSAN.**) A hardy annual, very showy and attractive. It is branching, and is covered with a mass of bright flowers of all shades of yellow, with a dark, velvety center. **CHOICE MIXED.** Pkt. 5c.

Castor Bean. (*Ricinus*.) Highly ornamental, half-hardy annuals, of stately growth and having large leaves of bronze or glossy green.

SANGUINEUS. Brilliant scarlet. Pkt. 5c.

BARBONIENSIS ARBOREUS. The largest variety. Tall and stately. Pkt. 5c.

ZANZIBARIENSIS. Pkt. 5c.

MIXED. Best varieties. Pkt. 5c.

Catchfly. (*Silene*.) A hardy annual about one foot high. Mixed. Pkt. 5c.

Candytuft. (*Iberis*.) Well-known, hardy plants, thriving almost anywhere, and producing a profusion of bright, cheerful flowers.

Very useful for cut flowers, borders, ribbons or conservatory. Hardy annuals.

ODORATA. Sweet-scented, **WHITE.** Pkt. 5c.

CARMINE. Pkt. 5c.

PURPLE. Pkt. 5c.

MIXED. All colors. Pkt. 5c.

SEMPERVIRENS. Perennial. White. Pkt. 5c.



Candytuft.

Clarkia. Pretty, free-flowering plants of the easiest cultivation, the double being especially fine. **Double Mixed.** Pkt. 5c.



Cosmos.

Cosmos. Tall growing, showy autumn-blooming plants, which have gained rapidly in favor within the last few years, the mammoth varieties being especially fine.

EARLY BLOOMING. Mixed. Pkt. 10c.

MAMMOTH. Mixed. Pkt. 10c.

MAMMOTH WHITE. Pkt. 10c.

MAMMOTH PINK. Pkt. 10c.

MAMMOTH RED. Pkt. 10c.

Canterbury Bells. (Campanula.) One of the best known hardy flowers, succeeding well in any situation.

SINGLE MIXED. White, Blue, each, Pkt. 5c.

DOUBLE MIXED. White, Blue, each, Pkt. 10c.

Cobaea Scandens. A rapid growing climbing plant bearing purple flowers. Should be started in the house and afterwards transplanted out doors. Pkt. 10c.

ALBA. White. Pkt. 10c.



Cineraria.

Cypress Vine. (Ipomoea quamoclit.) A climbing annual of rapid growth, having handsome fern-like foliage and a profusion of bright, attractive flowers.

MIXED. All colors. Pkt. 5c.

Dracaena. Ornamental green-house plant. Very desirable.

DRACO. Pkt. 25c.

INDIVISA LINEATA. Pkt. 10c.



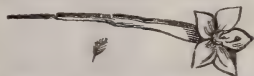
Canterbury Bells.

Cineraria Hybrida.

Among the finest blooming greenhouse plants, of bright, distinct colors.

FINEST MIXED. Pkt. 25c.

MARITIMA. Candidissima. (Dusty Miller.) Silvery foliage plant, beautiful for ribbon beds and edgings. Pkt. 5c.



Cypress Vine.

Chrysanthemum. The annual varieties are very showy, effective and desirable as summer flowering border plants.

CORONARIUM. Double. Mixed. Pkt. 5c.

CARINATUM. Mixed. Pkt. 5c.

FRUTESCENS. (Marguerite or Paris Daisy.) White star-like flowers with yellow center. Pkt. 10c.

Columbine. Elegant, free-flowering, hardy perennials, preferring a moist, sunny situation. Pkt. 5c.

Collinsia. Free-flowering annual. Pkt. 5c.



Chrysanthemum Annual.

Dahlia. A magnificent fall-blooming bulbous-rooted plant, which can be readily started from seed.

TALL DOUBLE MIXED. Pkt. 15c.

DWARF DOUBLE MIXED. Pkt. 15c.

DWARF SINGLE MIXED. Pkt. 10c.



Dahlia.

Datura. FASTUOSA. Trumpet flower. Half-hardy, perennial plants, producing large, sweet-scented, trumpet-shaped flowers. Succeeds in almost any soil. Pkt. 5c.



Daisy.

Daisy. (Bellis perennis.) A well-known and popular perennial plant, bearing beautiful flowers.

LONGFELLOW. DOUBLE RED. Pkt. 15c.

DOUBLE WHITE. Pkt. 15c.

DOUBLE MIXED. Pkt. 15c.



California Poppy.

Eschscholtzia. (California Poppy). Showy bedding flowers of easy growth, quite popular. Pkt. 5c.

CALIFORNICA, yellow. MIXED, Pkt. 5c. DOUBLE MIXED, Pkt. 5c.

Euphorbia Variegata. Fine variegated foliage. Pkt. 5c.

Echinocystis Lobata. (Wild Cucumber.) A rapid-growing climber. Very good for covering old fences or trellises. Pkt. 5c.

Fox-Glove. (*Digitalis*.) A well-known hardy border plant.

PURPUREA, mixed. Pkt. 5c.

GLOXINIA FLOWERED, mixed. Pkt. 5c.

Four-O'Clock. (*Marvel of Peru*.) Having handsome, free-flowering, sweet-scented, various-colored blossoms.

MIXED. Pkt. 5c.

Forget-Me-Not. (*Myosotis*.) Beautiful spring favorites, of easy growth.

ALPESTRIS BLUE. Pkt. 10c.

MIXED. Pkt. 10c.

PALUSTRIS, the true "forget-me-not" of Europe. Pkt. 10c.

SEMPER FLORENS. Everblooming, blue. Pkt. 10c.



Forget-Me-Not.

Gypsophila. A pretty, free-flowering little plant, very desirable for baskets, edgings, or winter bouquets.

PANICULATA. (*Baby's Breath*.) Pure, white, fine. Pkt. 5c.

MURALIS. Pink. Pkt. 5c.

Globe Amaranth. (*Gomphrena*.) An old favorite everlasting flower. MIXED. Pkt. 5c.

Gourds. Excellent for arbors, trellises, etc.; of rapid growth and bearing curious fruits of various sorts.

DISH CLOTH, DIPPER OR BOTTLE, EGG-SHAPED. Each, Pkt. 5c.

LARGE VARIETIES MIXED. Pkt. 5c.

SMALL VARIETIES MIXED. Pkt. 5c.

Gloxinia. Beautiful greenhouse plants. They grow well in a light rich soil. HYBRIDA MIXED. Pkt. 50c.



Gloxinia.

Gaillardia. Showy and free-bloomers, very pretty and good bedders. Fine for bouquets. MIXED. Pkt. 5c.

Gentiana. (*Cruciata*.) Fine hardy plants, bearing showy flowers of a blue color. Pkt. 10c.

Geum. CHILOENSE. Hardy, free-blooming plants

SCARLET. Double. Pkt. 5c.

Gilia. Free-blooming annuals, fine for beds.

MIXED. Pkt. 5c.

Godetia. Fine, profuse-blooming, hardy annuals of beautiful colors. FINE MIXED. Pkt. 5c.

Grevillea Robusta. The Silk Oak. Very beautiful and graceful foliage. Pkt. 10c.



Heliotrope.

Heliotrope. Beautiful, fragrant greenhouse and bedding plant. MIXED. Pkt. 10c.

Helichrysum. Everlasting Flower. Very ornamental, hardy annuals for the garden, and one of the best for winter bouquets. DOUBLE MIXED. Pkt. 5c.

Hyacinth Bean. (*Dolichos Lablab*.) A rapid-growing, free-flowering vine, fine for screens. MIXED. Pkt. 5c.

Hibiscus. (*Africanus*.) Fine, showy plants, with glossy leaves and large, brilliant flowers. In bloom throughout the entire season. Hardy annuals of easy cultivation. EXTRA MIXED. Pkt. 5c.

Hollyhock. (*Althaea*.) The Hollyhock has been greatly improved of late, and should now have a place in every garden.

CHATER'S. Choice Double Mixed. Pkt. 10c.

DOUBLE CRIMSON, SCARLET, WHITE and YELLOW, each, Pkt. 10c.

ALLEGHENY. Double Choice Mixed. Pkt. 10c.



Hollyhock.

Ice Plant. (*Mesembrianthemum crystallinum*.) An interesting plant. Fine for hanging baskets. Pkt. 5c.

Ipomopsis. Bright and beautiful flowers. MIXED. Pkt. 5c.

Kaulfussia. Pretty, free-flowering plants of compact growth, fine for beds or mixed borders. MIXED. Pkt. 5c.

Lantana. A handsome, free-flowering plant with brilliantly colored flowers. Finest varieties. Mixed. Pkt. 10c.

Larkspur. (Delphinium.) Free-blooming, hardy plants of erect branching habits, and of easy cultivation.

DWARF GERMAN. Double. Mixed. Pkt. 5c.

TALL-BRANCHING. Mixed. Pkt. 5c.



Lobelia.

Lobelia. Delicate, low growing, annual plants, of the greatest value for borders, ribbons, edgings, rock-work and hanging baskets. Blue. Pkt. 10c.

FINEST MIXED. Pkt. 10c.

ERINUS. (Crystal Palace Compacta.) Dwarf, dark blue. Pt. 10c.

Leptosiphon. Beautiful both in flower and foliage, attractive in beds or ribbons. CHOICE MIXED. Pkt. 5c.

Linum. GRANDIFLORUM RUBRUM. Crimson Flax. Pkt. 5c. Perennial. Mixed. Pkt. 5c.

Lychnis. HAAGEANA HYBRIDA. Ornamental plants of easy culture, strikingly effective in mixed flower and shrubby borders. MIXED. Pkt. 10c.



Imperial Japanese Morning Glory.

Morning Glory. (Convolvulus.) Major and Minor. The tall varieties are popular, well-known, rapid growing climbers, of the easiest cultivation. The Minor or Dwarf varieties flower very freely and do not require support. The flowers are very showy and beautiful.

CONVOLVULUS MAJOR. Tall. Choice Mixed. Pkt. 5c.

BRAZILIAN. Mixed. Pkt. 10c.

IMPERIAL JAPANESE. Has very large flowers in great variety of most exquisite colorings, and handsome variegated foliage. Mixed. Pkt. 10c.

CONVOLVULUS MINOR. Dwarf Mixed. Pkt. 5c.

Marigold. (Tagetes.) The Marigolds are well-known, hardy annuals of easy cultivation. The colors are gold, orange and varying shades of these colors. They flower early and bloom all summer.



Marigold.

AFRICAN. Double Mixed. Pkt. 5c.

AFRICAN. Double Dwarf. Mixed. Pkt. 5c.

FRENCH. Double. Mixed. Pkt. 5c.

Maize. (Zea Japonica.) See Zea.

Mimulus. MOSCHATUS. (Musk-plant.) Cultivated for its rich, musky odor. Should have a rich soil and ample moisture. Pkt. 10c.

TIGRINUS GRANDIFLORUS. (Monkey Flower.) Mixed, beautifully spotted, all colors. Pkt. 10c.

Mimosa Pudica (Sensitive Plant.) Very curious and interesting plant, its leaves closing if touched or shaken. Pkt. 5c.

Moon Flower. (Ipomoea Mexicana grandiflora.) Rapid-growing climber belonging to the Morning Glory family. The flowers are large, waxy white and very showy. Pkt. 10c.

Mignonette. (Reseda.) Very fragrant, free-flowering annuals, fine for both pot and bedding purposes.

ODORATA GRANDIFLORA. (Sweet.) Very fragrant. Pkt. 5c.

MACHET. Well adapted for pot culture, dwarf, pyramidal growth, flowers red. Pkt. 10c.

GOLDEN. Similar to the above, but yellow in color. Pkt. 10c.



Mignonette.

PARSON'S WHITE. Nearly white and very fragrant. Pkt. 5c.

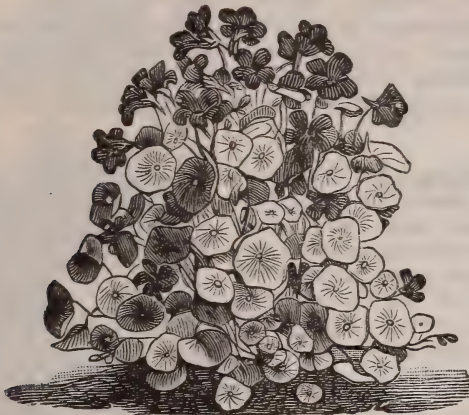
GOLDEN QUEEN. Dense dwarf growth. Pkt. 5c.

ALLEN'S DEFIANCE. The largest variety and intensely fragrant, flowers red. Pkt. 10c.

Nemophila. Beautiful bedding and border flowers of easiest growth. Should be in every garden. Mixed. Pkt. 5c.

Nigella. (Love-in-a-Mist, or Devil-in-the-Bush.) Compact-growing, free-flowering plants, with curious looking, showy flowers and finely-cut foliage. Mixed. Pkt. 5c.

Nicotiana. Affinis. Fragrant. White. Flora Plena. Pkt. 5c.



Nasturtium.

Nasturtium. (Tropaeolum.) Both the leaves and flowers of the Common Tall Nasturtium are very handsome for table decoration. The Lobbi-

anums are, however, superior to the common varieties. The flowers are larger, more compact, richer and more varied in color. All Nasturtiums are rapid growers, flowering best where the soil is not too rich. Hardy annuals.

TALL VARIETIES.

SCARLET, CARMINE, CRIMSON, BRIGHT YELLOW, GOLDEN YELLOW, ORANGE. Separate colors; each Pkt. 5c; 1 oz. 15c.

LOBBIANUM VARIETIES. The very finest flowering kinds. Mixed. Pkt. 5c; 1 oz. 15c.

MADAME GUNTER'S HYBRIDS. A new race from France, having a richness of color and a variety of brilliant shades and markings hitherto unknown. Pkt. 5c; 1 oz. 15c.

DWARF VARIETIES.

COMMON VARIETIES. Fine Mixed. Pkt. 5c; 1 oz. 10c.

SCARLET, DARK CRIMSON, GOLDEN KING, WHITE PEARL. Separate colors; each, Pkt. 5c; 1 oz. 15c.

EMPRESS OF INDIA. Dark leaves. Crimson flowers. Pkt. 5c.

DWARF, FINE MIXED. Pkt. 5c; 1 oz. 15c.

Pansy.

Pansies are the most popular of all flowers grown from seed. They furnish a profusion of bright showy flowers of a great variety of rich colors, shades and markings, throughout the entire season, the flowers remaining perfect a long time. They should have the richest soil, abundant moisture, in free, open ground. To get the largest flowers the seed should be sown in the fall. Then the plants will bloom early next spring. The seed that we offer of these favorites is from fine strains, and will well repay growing.

Our fancy strains of Pansy Seed produce Flowers of unsurpassed size and beauty. We import direct from best growers in France and Germany.



Giant Trimardeau.

Giant Trimardeau. The flowers are of immense size and exquisitely marked.

WHITE. Pkt. 15c.

YELLOW. Pkt. 15c.

VIOLET BLU B. Pkt. 15c.

KING OF THE BLACKS. Pkt. 15c.

STRIPED. Pkt. 15c.

MIXED. Pkt. 15c.

BUGNOTS. SUPERB BLOTCHED. Pkt. 25c.

COQUETTE DE POISSY. New, Mauve. Pkt. 10c.

ALBA PURA. Lady in White, pure white. Pkt. 15c.

Cassier's. Fine blotched. Flowers of grand size and most beautifully marked. Pkt. 20c.

VICTORIA. Claret Red. Pkt. 15c.

AUREA PURA. Yellow Gem, pure yellow. Pkt. 15c.

Odier, or Blotched. Superb, large flowers beautifully blotched with rich and varied colors. Extra mixed. Pkt. 20c.

PARISIAN LARGEST SPOTTED. New, very large flowering. Pkt. 15c.

EMPEROR WILLIAM. Indigo, dark center. Pkt. 5c.

PRESIDENT CARNOT. A fine new variety of the Odier type. Pkt. 15c.



King of the Blacks.

FAUST, OR KING OF THE BLACKS. This is an exceptionally fine strain of this handsome variety and we recommend it highly. Pkt. 10c.

FANCY STRIPED. Large flowered. Pkt. 10c.

LARGE, Pure White. Pkt. 5c.

LIGHT BLUE. Pkt. 5c.

MAMMOTH MIXED. Pkt. 15c.

EXTRA MIXED. Pkt. 10c.

FINE MIXED. Pkt. 5c.

Pampas Grass. (*Gynerium argenteum*.) A noble, perennial, ornamental grass, easily grown from seed, producing majestic plumes. Pkt. 5c.

Perilla Nankinensis. Attractive ornamental-leaved plants. Pkt. 5c.

Portulaca.

(Rose Moss.) Unrivalled for the brilliancy and delicacy of their colors. Great favorites everywhere. Single Mixed, 5c. Double Mixed, 10c.



Portulaca.

Pentstemon. Beautiful herbaceous perennial, very hardy and free-flowering. MIXED. Pkt. 5c.



ABLANC

Petunia.

Use **JADOO FIBER** for a potting earth. It will invigorate and put new life into your plants.

Petunia. Most valuable plants, succeeding well everywhere. They are particularly showy in beds or masses, and are universal favorites on account of their richness of color, fragrance and continuous blooming. Hardy perennial, blooming the first year.

FINE SINGLE MIXED. Pkt. 5c.

LARGE FLOWERED WHITE. Pkt. 10c.

DOUBLE MIXED. Choice Hybrids. Pkt. 25c.

INIMITABLE. Striped and blotched. Fine Mixed. Pkt. 10c.

Pyrethrum. (*Parthenium Aureum*.) (Golden Feather.) Golden foliage invaluable for bedding purposes. Pkt. 10c.

SELAGENOIDES. Fine, fern-leaved. Pkt. 10c.

Phlox Drummondii.

These flowers are of extreme beauty and are greatly admired by all. Their long duration in bloom, combined with their almost unequalled richness of color, renders them of invaluable service in the general flower garden.

Half-hardy annuals.



Phlox Drummondii.

GRANDIFLORA. Fine Mixed. Scarlet, White, each. Pkt. 5c.

Phlox Decussata. Perennial. Fine Mixed. Pkt. 10c.

Pink. (*Dianthus*.) For beauty, fragrance and general utility, can not be excelled.

CHINENSIS FL. PL. (China or India Pink.) Double mixed. Pkt. 5c.

HEDDEWIGII FL. PL. Color varies from richest velvety crimson to delicate rose. Pkt. 10c.

LACINIATUS FL. PL. Fine double fringed, finest assorted colors. Pkt. 5c.

PLUMARIUS. Fine Mixed. Pkt. 5c.



Pinks.

Poppy. (*Papaver*.) A genus of showy, free-flowering plants, producing a rich effective display in large mixed borders.

DOUBLE CARNATION. Handsome and well-known species with double flowers of various colors. Mixed. Pkt. 5c.

SHIRLEY, white, through delicate shades of pink to crimson. Best mixed. Pkt. 10c.



Poppies.

NUDICAULE. (Iceland Poppy.) Large and showy; splendid alpine. Pkt. 10c.

DANEBROG. (Danish Flag.) Scarlet, with a white spot at the base of each petal; brilliant. Pkt. 5c.

DOUBLE SCARLET. WHITE. DOUBLE AMERICAN FLAG. Each, Pkt. 5c.

BRACTEATUM. Hardy Perennial. Very showy. Red. Pkt. 5c.



SWEET PEAS.

The seed should be sown as early as practical, in drills six inches deep. At time of sowing cover only with one inch of soil and fill in the drill as the young plants grow, taking care not to cover the top of the plants. A deep rich soil in a sunny situation is the best. Our stock is from the largest Sweet Pea growers in the United States, and is equal in quality to that offered by any Eastern firm. We offer them at the following prices, except as otherwise noted:

Pkt. 5c; 1 oz. 10c; 2 oz. 15c; 1-4 lb. 25c; 1 lb. 60c.

WHITE.

Blanche Burpee. Eckford's large pure white.

Sadie Burpee. Large pure white.

Emily Henderson. Large; blooms early and profusely.

YELLOW.

Mrs. Eckford. Beautifully shaded primrose yellow.

Golden Gleam. Beautiful Primrose; the finest yellow.

Queen Victoria. Pale yellow or light primrose.

PINK.

Blushing Beauty. Very fine, delicate pink.

Katherine Tracy. Soft, but brilliant pink.

Lovely. Soft shell-pink; most beautiful.

Modesty. White, with tint of pink.

Oriental. Standard, bright orange pink.

Prima Donna. A most lovely shade of soft pink.

Pink Friar. Light pink, large size.

ROSE.

Chancellor. Orange pink, deep rose veins.

Fashion. Rose magenta, self-colored.

Her Majesty. Bold flowers of a most beautiful rose color.

Lady Penzance. Standard orange pink; wings pure pink.

Mrs. Dugdale. Crimson rose, self-colored.

Ovid. Rose-pink, margined with deeper rose.

CUPID VARIETIES.

White Cupid. The first genuine dwarf sweet pea. Pure white. Pkt. 5c; 1 oz. 20c.

Pink Cupid. Like the White Cupid except in color. Pkt. 5c; 1 oz. 20c.

Primrose Cupid. Light yellow. Pkt. 5c.

Countess of Radnor Cupid. Lavender. Pkt. 5c.

Firefly Cupid. Scarlet. Pkt. 5c.

Boreatton Cupid. Maroon. Pkt. 5c.

SCARLET.

- Brilliant.** Newest and brightest scarlet.
- Firefly.** A deep brilliant scarlet; truly a fiery shade.
- Mars.** Brilliant scarlet, fine form, but blackens under strong sun.
- Prince Edward of York.** Standard scarlet, wings crimson.
- Salopian.** Bright crimson scarlet. A constant bloomer.

BLUISH.

Captain of the Blues. Purplish-mauve and pale blue.

Dolly Varden. Purple and lilac.

LAVENDER.

Countess of Radnor. Pale mauve, or lavender.

Lady Grisel Hamilton. Standard mauve, wings lavender; largest and best.

New Countess. The best new lavender.

Celestial. Delicate lavender, bordering on light blue.

Lady Nina Balfour. Extra fine.

MAUVE.

Dorothy Tennant. Standard rosy-mauve; wings bluish-mauve.

Emily Eckford. Standard light reddish-mauve; wings a true blue.

MAHOON.

Black Knight. Deep maroon, almost black.

Duke of Sutherland. Dark violet and purple.

Navy Blue. Standard indigo and violet.

Othello. Very dark maroon showing veins almost black.

Shahzada. A rich, dark, velvety maroon.

Stanley. Rich, dark maroon.

MAGENTA.

Captivation. Beautiful, light magenta or claret color.

BLENDINGS AND VARIEGATED.

Aurora. Flaked orange-salmon.

America. The brightest blood red striped.

Blanche Ferry. The popular pink and white.

Blanche Ferry, Extra Early. Same as above, except about ten days earlier.

Coquette. Primrose yellow, shaded with pale lavender.

Countess of Aberdeen. Soft pink, turning lighter.

Countess of Powis. Standard bright orange-salmon; wings pink veined.

Crown Jewel. Primrose ground, veined with violet rose; charming.

Emily Lynch. Deep rose-pink, shaded buff; softer in wings.

Gray Friar. Beautiful watered purple on white ground.

Gorgeous. Scarlet, tinged with orange.

Lottie Eckford. White suffused with lavender-blue.

Lottie Hutchins. Primrose, striped with pink.

Mrs. Joseph Chamberlain. Rose, striped on white.

Royal Rose. The standard deep rosy-pink; the wings are a most charming, light rosy-pink.

Sensation. Light pink and buff.

Stella Morse. Buff with tint of pink.

Triumph. Rosy-pink standard, white wings.

Venus. Lovely salmon-buff, shaded rosy-pink.

Wawona. Lilac striped on white.

Named Varieties, Mixed. A mixture of the above fine varieties. Pkt. 5c; 1 oz. 10c; ¼ lb. 25c; 1 lb. 60c.

Extra Mixed. Large flowered. 1 oz. 10c; ¼ lb. 20c; 1 lb. 50c.

Pea, Everlasting. (*Lathyrus latifolius*.) Hardy perennial climber. Flower similar to Sweet Peas, but not fragrant. WHITE. Pkt. 10c; MIXED. Pkt. 5c.



Primrose.

Primula. (Primrose.) The first three varieties named below are hardy, early blooming garden plants, and the others beautiful winter-blooming house plants.

POLYANTHUS. Early blooming, dwarf growing plants, valuable for beds. Mixed. Pkt. 10c.

VULGARIS. Yellow, common English Primrose. Pkt. 10c.

JAPONICA. (Japanese.) Mixed, all colors. Pkt. 10c.

SINENSIS FIMBRIATA. Choice fringed varieties. Mixed. Pkt. 25c.

ALBA MAGNIFICA. Large White. Pkt. 25c.

RUBRA. Large Red. Pkt. 25c.

DOUBLE FINEST MIXED. Pkt. 50c.

Stocks. (German Ten Weeks.) Unsurpassed for beauty and fragrance. Fine for pots, bedding, edgings, etc., blooming all summer.

DWARF, LARGE FLOWERING. White, Crimson, Rose, Light Blue, Mixed. Each, Pkt. 10c.

EMPEROR, OR PERPETUAL. Large flowering. White. Pkt. 10c. Mixed. Pkt. 10c.

WINTER OR BROMPTON. Large flowering. White. Pkt. 10c. Mixed. Pkt. 10c.

Salpiglossis. An annual having very showy, funnel shaped flowers of large size. Fine for bedding purposes in rich soil.

TALL MIXED. Pkt. 5c.

FINE DWARF MIXED. Pkt. 5c.

Sweet Rocket. (*Hesperis*.) Free-blooming and very fragrant. White. Pkt. 5c.



Stocks.



Salvia.

Sweet William. (*Dianthus barbatus*.) The colors are very brilliant, ranging from snow-white to darkest crimson and purple. Hardy perennial. SINGLE MIXED. Pkt. 5c. DOUBLE MIXED. Pkt. 5c.

Dumett's. Crimson, Single. Pkt. 10c.

Sweet Sultan. (*Centaurea*.) Pretty border annual, with long stems. Do not transplant. Fine for cutting. Pkt. 5c.

Schizanthus. Attractive looking, free blooming annual, bearing beautiful flowers of many shades of color. Pkt. 5c.

Scabiosa. (*Mourning Bride*.) Showy border plant, with fine variegated flowers. DWARF DOUBLE MIXED. Pkt. 5c.

Stipa Pennata. Fine ornamental grass. Pkt. 5c.

Sunflower. (*Helianthus*.) Large, showy plants, especially suitable for backgrounds and shrubby borders.

NANUS FOLIUS VARIEGATIS. Dwarf with variegated foliage. Pkt. 5c.

CALIFORNICUS. Orange, extra large and double. Pkt. 5c.

GLOBULUS FISTULOSUS, FL. PL. Saffron, very double. Pkt. 5c.

MULTIFLORA, FL. PL. Beautiful, double, yellow flowers. Pkt. 5c.

LARGE RUSSIAN SINGLE. Pkt. 5c.



Smilax.

Stalice. Very free-flowering; the flowers are valuable for winter bouquets.

ANNUAL VARIETIES. Mixed. Pkt. 5c.

PERENNIAL VARIETIES. Mixed. Pkt. 5c.

Smilax. (*Myrsiphyllum Asparagoides*.) A graceful climbing plant, beautiful when cut, for house and table decorations. Pkt. 10c.

Salvia. (Sage.) Salvias make fine bedding plants, being easily grown, free flowering and very showy. Splenuens, Scarlet. Pkt. 10c.

ARGENTEA. Silver. Pkt. 10c.

Saponaria. Charming little plants, flowering all the season. Fine Mixed. Pkt. 5c.



Scabiosa.

Snapdragon. (*Antirrhinum*.) One of the finest free-blooming perennials, especially good for beds and borders.

TALL FINEST MIXED. Pkt. 5c.

DWARF FINEST MIXED. Pkt. 5c.

Thunbergia. An interesting class of plants of easy culture and attractive bloom. Fine Mixed. Pkt. 5c.

Violet. (*Viola Odorata*.) Early-blooming plants. Useful for borders, rock work and bedding. Exceedingly fragrant, a few flowers being sufficient to fill a room with their delicious fragrance. Thrives best in a cool, shady place. Hardy perennial of easy cultivation. BLUE. Pkt. 10c. WHITE. Pkt. 10c.

Verbena. A well-known and universally popular bedding plant, blooming all summer. Plants grown from seed are more healthy and make larger and hardier plants than those from cuttings; if sown in spring will flower quite early. Half-hardy perennial. Hybrid Mixed. Pkt. 10c.

MAMMOTH. Extra fine Mixed. Pkt. 10c.

CANDIDISSIMA. White. Pkt. 10c.

HYBRIDA DEFIANCE. Fiery scarlet. Pkt. 10c.

STRIPED, BLUE. Each, per pkt. 10c.

Vinca. Fine for conservatory, parlor, borders or beds. Mixed. Pkt. 10c.

Viscaria. (*Rose of Heaven*.) Adapted either for beds, edgings or clumps, their profuseness of bloom will always rank them among general favorites. Hardy annuals. Fine Mixed. Pkt. 5c.

Wall Flower. (*Cheiranthus cheri*.) A well known, half hardy perennial, producing spikes of beautiful, exceedingly fragrant flowers. The petals are velvety; the color deep orange shading to brown; rich and handsome. If taken in or protected they will bloom all winter. Mixed. Pkt. 5c.

DARK BROWN, YELLOW. Each, pkt. 5c.

FINEST DOUBLE MIXED. Pkt. 10c.



Snapdragon.



Mammoth Verbena.



Single Wall Flower.

Valeriana. Fine border plants, with sweet-scented flowers. Fine Mixed. Pkt. 5c.

Virginian Stock. A fine early flowering plant. Mixed. Pkt. 5c.

Xeranthemum. One of the oldest Everlastings; the flowers retain their color and form longest of all. Double Mixed. Pkt. 5c.

Our Fertilizers and Fancy Lawn Grass Seed will make the finest of Lawns.



Zinnia.

Zea. Japonica Varietata. (Ornamental Maize.) Prized for its beautiful, variegated foliage. Finest Mixed, all varieties. Pkt. 5c.

GRACILLIMA. Pkt. 5c.

Zinnia Elegans. Fine bedding and border plants of easiest cultivation, and should be in every collection.

TALL DOUBLE. Mixed. Pkt. 5c.

DWARF DOUBLE. Mixed. Pkt. 5c.

FLOWER SEEDS IN BULK.

We give below a few of the many varieties of Flower Seed that we can furnish in bulk.

	Per Oz.
Alyssum, Sweet	\$0.25
Aster, Tall and Branching.....	.45
Aster, Dwarf Chrysanthemum	1.15
Aster, German Quilled .....	.50
Balsam, Dwarf Mixed .....	.40
Balsam, Tall Mixed .....	.35
Cosmos, Mammoth varieties .....	.75
Candytuft Odorata .....	.15
Castor Beans .....	.10
Four O'clock .....	.15
Gourds, Eggshaped .....	.30
Gourds, Bottle or Dipper.....	.25
Hollyhock, Double White	1.25
Hollyhock, Double Mixed .....	.60
Mignonette, Machet varieties.....	.60
Mignonette, Reseda Odorata .....	.15
Morning Glory, Tall .....	.10
Morning Glory, Dwarf.....	.20

	Per Oz.
Morning Glory, Imperial Japanese.....	\$0.25
Nasturtium, Dwarf Mixed .....	.15
Nasturtium, Lobbianum Tall.....	.15
Peas, Everlasting, White .....	.65
Peas, Everlasting, Mixed .....	.40
Portulaca, Fine Mixed .....	.35
Pansy, Giant Trimardeau	1.50
Pansy, Trimardeau, White	1.50
Pansy, Superior quality Mixed.....	1.00
Pansy, Odier	3.50
Poppy, Shirley .....	.75
Poppy, Carnation Flowered .....	.25
Phlox Drummondii .....	.55
Smilax .....	.30
Sunflower, Choicest varieties .....	.25
Sunflower, Common varieties.....	.10
Verbena, Finest Mixed .....	.75

FLOWERING BULBS.

We are constantly increasing the variety and quantity of flowering bulbs which we handle. Our list of Hyacinths, Tulips, Narcissus, Japanese Lilies, etc., is worthy of special attention. It is the most complete assortment ever offered in the Northwest, and we are sure cannot fail to please the lover of handsome flowers. Try a bed of them this year. Send for bulb catalogue issued in the fall.

Bleeding Heart. Produces freely large racemes of pink and white heart-shaped flowers. Graceful foliage. Each, by mail, 30c.

Caladium Esculentum, or Elephant's Ear. Large size, 40c; per doz. \$4.00, postpaid. Medium size, 30c; per dozen, \$3.00, postpaid.

Dahlia Double. When ordering state color wished. Medium size, each 15c; per doz. \$1.50, postpaid; large size, each 20c; per doz. \$2.00, postpaid.

Cactus Dahlia. Medium size, each 15c; per doz. \$1.50, postpaid. Large size, each, 20c; per doz. \$2.00, postpaid.

Send for Bulb Catalogue. It will be worth your while.

Gladiolus. A magnificent class of summer flowering bulbs. Mixed Colors, large size, each, 10c; per doz. 65c; medium size, each, 5c; per doz. 50c. All postpaid.

LEMOINE VARIETIES, MIXED. Each, 15c; per doz. \$1.50, postpaid.

Lily of the Valley. FORCING PIPS. Each 5c; per doz. 30c; per doz. by mail, 40c.



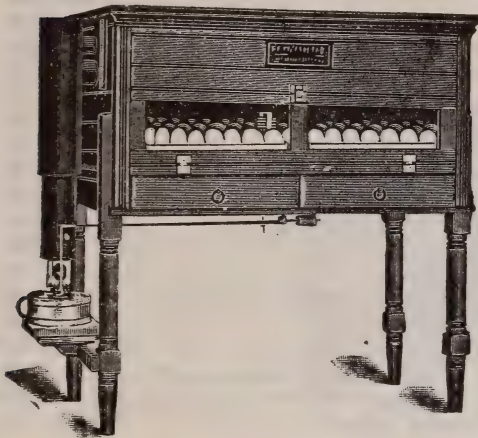
Lemoine Gladiolus.

POULTRY SUPPLY DEPARTMENT.

We are giving careful attention to this department of our business in all its details, and aim to have everything the modern poultryman could desire. A greater portion of the essentials are listed herewith, though a more exhaustive list and description may be had by applying for our poultry supply and other catalogues. We do not wish to be boastful, but must say the volume of our last year's business in this department was very gratifying to us, and as we are better equipped now than ever before in this line we look forward to our coming year's business with confidence, knowing that we can supply our customers in a most satisfactory manner.

INCUBATORS, BROODERS, ETC.

Petaluma Incubators have been producing big hatches among us for upward of twenty years. No others have so enviable a record. Among their many excellent points we would have you note these few: Their walls and casing are Redwood throughout, which is universally acknowledged to be the best for this purpose. The flues are made of 12 oz. cold rolled copper. Infinitely superior to galvanized iron or tin. The regulator is indestructible and absolutely reliable under all atmospheric conditions; its connection with the lamp burner minimises oil consumption by only using such heat or oil as is necessary to maintain 103 degrees of heat in egg chamber. The nursery below the hatching chamber, and working independently of it is unique. The ventilation system is scientifically correct, so are the corrugated metal wire egg trays with their turning system. Buy one. Don't experiment with uncertainties.



Model 60, Capacity 126-Egg.

The flues are made of 12 oz. cold rolled copper. Infinitely superior to galvanized iron or tin. The regulator is indestructible and absolutely reliable under all atmospheric conditions; its connection with the lamp burner minimises oil consumption by only using such heat or oil as is necessary to maintain 103 degrees of heat in egg chamber. The nursery below the hatching chamber, and working independently of it is unique. The ventilation system is scientifically correct, so are the corrugated metal wire egg trays with their turning system. Buy one. Don't experiment with uncertainties.

- Petaluma Incubators, Model 59— 54-egg... \$10.00
- Petaluma Incubators, Model 60—126-egg... 20.00
- Petaluma Incubators, Model 61—216-egg... 27.00
- Petaluma Incubators, Model 62—324-egg... 35.00

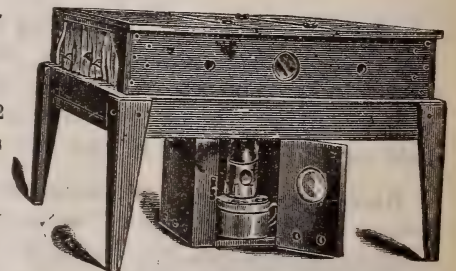
We pay the Freight.

Petaluma Brooders, like the incubators, are the product of long years of experience and are an indisputable success. They are well built of redwood and galvanized iron sheeting;

furnish top and mild bottom heat, can be separated and cleaned instantly. Has no cracks or unclean corners to breed vermin and disease germs, and costs an exceedingly low figure.

- Petaluma Brooder, Model 15, Hot Air.\$ 5.00
- Petaluma Brooder, Model 16, Hot Air..... 12.00
- Petaluma Brooder, Model 17, Hot Water..... 15.00

We pay the Freight.



Petaluma Indoor Brooder.

Egg Testers, used as a lamp chimney and will fit any No. 2 burner. Hold egg against opening, large end up, and if it is fertile embryo can be readily seen on fifth day.



Egg Tester.

Price, 35c. One always accompanies Petaluma Incubators
Leather Egg Tester, 50c.

Thermometers for Incubators. All glass, tested, by mail \$1.00. Concave, white metal back, tested, by mail, 60c. Bevel edge, Japanned, tested, 60c. Brooder thermometer, tin, 7-inch, 15c. General cabinet thermometer, wood back, 30c.

- | | | |
|----------------------------|---------------------------------------|-----|
| Drinking Fountains. | Belgian Hare Feeders..... | 10c |
| Earthen, 2 quarts | Belgian Hare Drinking Foun- | |
| Earthen, 4 quarts | tains | 10c |
| Galvanized, 2 quarts | China Nest Eggs, per doz..... | 30c |
| Galvanized, 4 quarts | Medicated Nest Eggs, each..... | 10c |

MANN BONE CUTTERS.

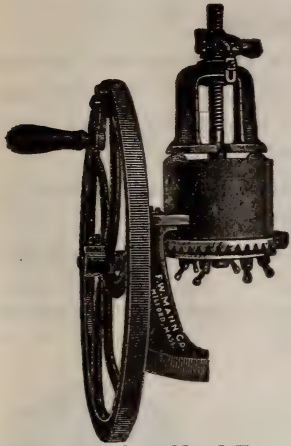
WE ARE NORTHWEST AGENTS FOR THESE MACHINES AND CARRY A COMPLETE LINE OF THEM.

Our space here is insufficient to describe the many excellent features peculiar to the Mann machine. Especially since the advent of the 1902 models with their large open hopper, affording easy access to all working parts and knives, which can be easily set to suit operator for fine or coarse bone. The automatic force feed with ingenious governing device which controls the pressure and can be instantly set to suit the strength of operator, whether strong man or young boy or girl. The position of knives which are firmly

set in a strong circulating disc, and all of which are constantly working, cutting the bone at right angles, thus granulating it in best possible shape for use. Beware of slivered bone as produced by some so-called easy running mills.

Price List of Mann Cutters.

New styles	Price.
No. 5 C, (with crank handle).....	\$ 7.75
No. 5 B, (with balance wheel).....	10.00
No. 5 B M, (B. W. and iron stand)....	13.00
No. 7 (B. W. and iron stand)..	14.50
No. 9 (B. W. and iron stand).....	21.00
No. 11 Power Machine	30.00
No. 12 Power Machine	34.00
Old styles.	
No. 1 C, (with crank handle).....	\$ 7.50
No. 1 B, (with balance wheel).....	8.75
No. 1 B M, (B. W. and iron stand)....	12.50
No. 4 B, (with balance wheel).....	15.00
No. 4 B M, (B. W. and iron stand)....	18.00
No. 2, (Standard Bone Cutter).....	20.00



Mann's New No. 5 B.

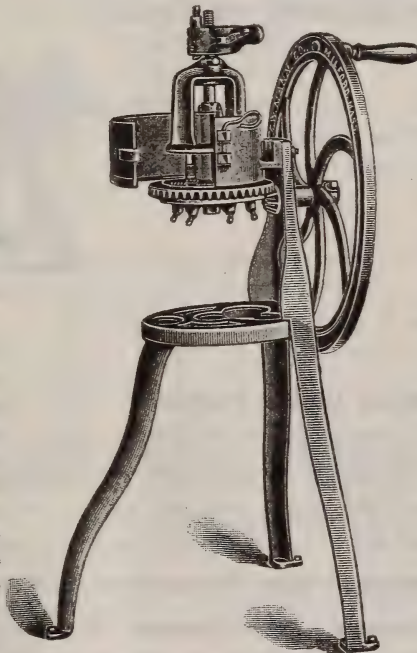
The New No. 5 displaces old No. 1 in that it has more knives, larger cylinder and new automatic feed governor. A very effective machine for small flocks. Weight, with stand, 80 lbs., without, 55 lbs. Capacity, 15 to 25 lbs. per hour.

The New No. 7 supplants the old No. 4 with its larger and open cylinder and other improvements as described in No. 5. This is a very strong, simple and serviceable machine, suited to people who have moderately large flocks. Weight, 105 lbs. Capacity, 1/2 to 1 lb. per minute.

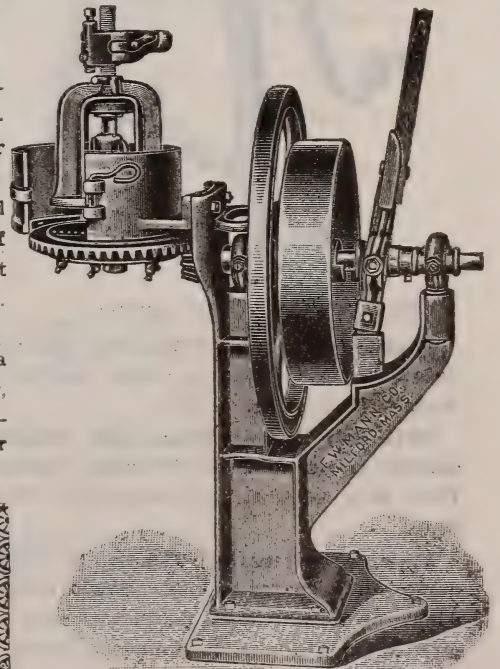
The No. 9 is similar to No. 7, with larger cylinder and grinding capacity, larger stand of different shape. Readily convertible into a power machine (No. 11) by simply adding power parts. Weight 163 lbs.

The No. 11 is intended for large flocks, semi-power and semi-hand—the No. 9 with power parts added. The economy of this machine is very apparent. In case power should give out it can be worked very effectively by hand. Weight 215 lbs. Capacity 100 lbs. per hour.

The No. 12 is designed to run by power only, and is a strong, powerful machine with large, open cylinder, anti-clog, grab clutch, and all the late improvements. Intended for market grinding and continuous heavy work. 1/2 to 1 1/2 horse power required. Weight 260 lbs. Capacity 125 to 150 lbs. per hour.



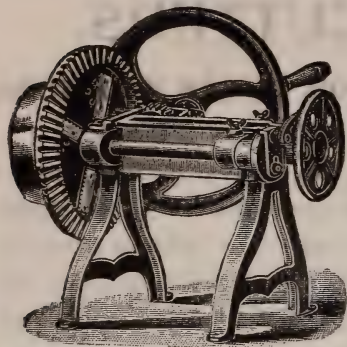
Mann's New No. 7.



Mann's New Power No. 12.

Nos. 1 to 9 (5, 7, 9 and 1, 4, 6, 2,) are guaranteed for one year. If any part breaks while in actual use it will be furnished free, except transportation. This guarantee is lived up to by the factory and insures you a Hand Bone Cutter that will stand up to the business.

DANDY BONE CUTTERS.



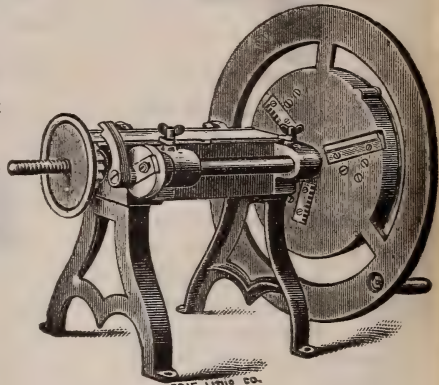
No. 9 Dandy Geared.

No. 9 is a great cutter, about the same size as No. 1. This is a favorite from which we get good report. Weight 100 lbs. Price, \$13.00.

No. 10, same as No. 9, except that it has the latest improved split nut feed. Weight 100 lbs. Price, \$15.00.

No. 11, same as No. 9, except that it is much larger. Inside dimensions of feed box, 4x3x13. Weight 130 lbs. Price, \$16.00.

No. 12, same as No. 11, except that it has improved split nut feed. Weight 135 lbs. Price, \$18.00.



No. 1 Dandy.

Mann Clover Cutters are valuable machines for poultry men. Cut green clover is the best of good food for poultry, and no machine will cut it up better, faster and easier than the Mann machine. See it and you will buy it. Price, \$9.50. Mounted on iron stand, \$12.00. None other so good for twice the money.

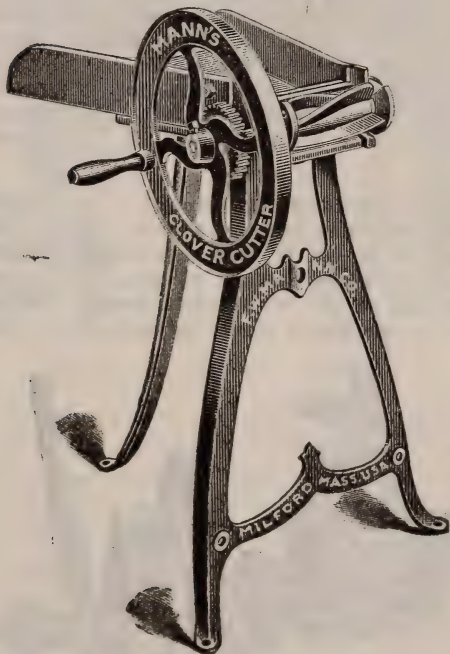
Wilson's Gem Clover Cutter. Price, \$11.00.

Stearns' Clover Cutter. \$3.00.

Webster & Hannum Bone Cutters, good machines for light work. No. 2, \$13.00; No. 4, \$9.00.

Humphrey's Bone Cutters.

No. 1, hand power.....	\$14.00	No. 2, hand and power.....	\$18.00
No. 2, semi-power	16.50	No. 3, direct power.....	37.00

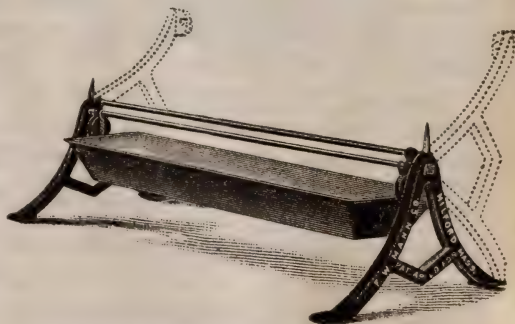


Mann's Clover Cutter Mounted.

Mann's Mortar. Perforated corrugated cast iron. For breaking glass, crockery, oyster shells, etc., for poultry. Weight 33 lbs. Price, \$3.50.

Wilson's Crown Bone and Vegetable Cutter, good general service machine. Weight, without stand, 50 lbs. Price, \$9.50. Mounted on iron stand. Weight, 80 lbs. Price, \$11.00.

Mann's Swinging Trays for water or feed. A unique device to keep food clean. Fowls cannot perch on it anywhere or how. Clean food and water are absolutely necessary to good health in poultry. Price, 18 in., \$1.00; 27 in., \$1.25; 36 in., \$1.50.



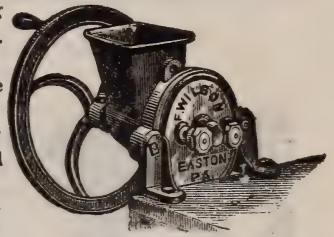
Mann's Swinging Feed Trays.

The Wilson Dry Bone Mill, No. 1, is just what you want for grinding all kinds of shell, crockery, grit, burnt or dry bone, feed etc. Weight 33 lbs. Diameter of Hand-Wheel 20 inches. Price, \$5.50.

A party writes that he ground \$105.00 worth of oyster shells, which he sold, on the No. 1 Mill, and the mill is as good as new.

No. 0, Wilson's, is a Family Grist mill in itself, especially made for grinding graham, flour or corn-meal, for table use. It can also be adjusted for cracking grain if desired.

This mill is not to be compared to those made on the old style coffee-mill principle. Diameter of Hand-Wheel 20 inches, weight 30 pounds. Price, \$5.50.

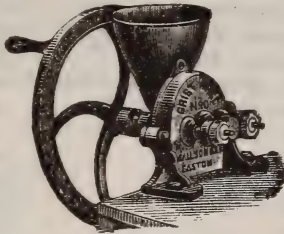


Wilson's Mill No. 1.

Spring Lever Punch, 25c.

Poultry Marker. Pilling's steel-spring punch, made for perforating the membrane between toes of the fowl, and makes an indestructible mark. By mail, 25c.

The Reliable Spring Lever Poultry Punch for marking the web between the toes. Strong and durable. By mail, 35c.



Wilson Feed Mill No. 0.

Pilling's Caponizing Sets, complete with instructions, by mail, \$2.50. In velvet lined case, \$2.75. Capons take less food, make larger fowl and bring higher price than others.

French Poultry Killing Knife. By mail, 50 cents. Almost indispensable when preparing birds for the market.

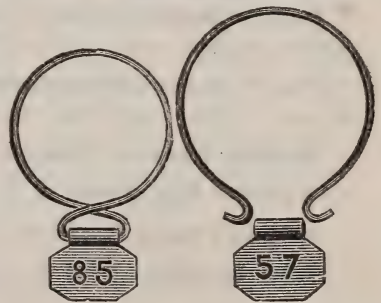


Reliable Poultry Punch.

Climax Leg Bands. No. 1, 1/2 inch; No. 2, 5/8 inch; No. 3, 3/4 inch; No. 4, 7/8 inch; No. 5, 1 inch; No. 6, 1 1/8 inch. Per doz. 25c; per 25, 40c; per 50, 75c; per 100, \$1.35.

Copper Leg Bands. Adjustable, per doz. 20 cents, postpaid.

Bricknel's Rubber Leg Bands, 7/8 inch and 1 inch, 60c doz. 5/8 inch, 55c doz. Postpaid.



Climax Leg Bands.

GROESBECK'S PREPARATIONS.

We are Pacific Coast Agents.

Groesbeck's Egg Producer and Health Food is an excellent egg producer and conditioner. It hastens the moult and so improves the hen's condition that to lay, is a natural consequence. It will cure and prevent most all ailments common to fowl. You should never be without it. Large Pkg. 50c; medium, 25c; 50 lb. box, \$3.75.

Groesbeck's Lice Killer. Apply to roosts, nest boxes and about the house. A very effective louse killer. Price, qt. cans, 35c; 1/2 gal. cans, 60c; 1 gal. cans, \$1.00.

Groesbeck's Heave Powder. A most effective remedy for heaves, as many can attest. Price per Pkg., 50c.

Groesbeck's Horse and Cattle Powder. An excellent stock conditioner. Price per pkg., 25c; large pkg., 50c.

Harding's Six Hour Lice Killer. One of the very best Insect Powders. Just what you want for lice on little chicks, setting fowls, etc. Sold under a positive guarantee. 18 oz. pkg. 25c; large pkg. 50c. Give this a trial.



Lambert's Death to Lice, An insect powder for lice and poultry, horses, cattle or plants, ticks on sheep fleas on dogs, moths in carpets or furs, etc. 5 oz. 10c; by mail 17c; 15 oz. 25c; by mail 43c; 48 oz. 50c; by mail \$1.05; 100 oz. \$1.00.

Lambert's Death to Lice Special, Dissolve in kerosene. 4 oz. 10c; 16 oz. 25c; 1c per oz. extra for postage.

Lambert's Death to Lice Ointment. For lice or chicks, scaly shanks on fowls of any kind. 1 oz. 10c postpaid; 4 oz. 25c postpaid.

Thanolice. Powdered form, it is death to fleas on animals, lice on poultry, etc. Trial size 10c, postpaid 15c; small size 25c, postpaid 40c; large size 50c, postpaid 80c.

LEES LICE KILLER.



Is unexcelled if equaled as a vermin and disease germ exterminator. Paint or spray on roosts and about hen-house, the fumes will purify the air, penetrate the feathers and destroy all vermin. Apply on rubbing posts and bedding for hog lice. Qt. ½ gal. 60c; gal. \$1.00; 5 gal. \$4.00.

- Lee's Insect Powder, 1 lb. Pkg....25c
- Lee's Tonic Powder, 1 lb. Pkg....25c
- Lee's Germozene Liquid, 12 oz.....50c
- Lee's Germozene Tablets.....50c
- Lee's Peerless Bug Killer, bottle.25c
- Lee's Peerless Gopher Killer, Creosozone, a good liquid lice killer. Per qt. 50c.
- Lee's Carbolic Sheep Dip, qt. can.40c
- Lee's Hickory Smoke Extract, 12 oz. 35c; 32 oz. 75c
- Lee's Egg Maker, superfine we assure you. Large Pkg.....25c
- quarts 75c

Carbolenium, 1 qt. 50c.

Pratt's Poultry Food, a popular egg producer. well known and well tried. 26 oz. 25c; 5 lb. pkg. 60c.

Pratt's Animal Regulator, a splendid animal conditioner. Largely used. pkg. 25c; large pkg. 50c.

Morris' Poultry Cure, ½ lb. 25c; 1 lb. pkg. 50c.

Imperial Egg Food. 1 lb. 45c; 2½ lbs. 90c; 6 lb. box, \$2.50

Conkey's Roup Cure, for roup and canker, 50c and \$1.00.

Roup Syringe, Price 10c; by mail, postpaid, 15c.



OUR FOOD SPECIALTIES.

Diamond Egg Manna, an unexcelled egg producing ration. Feed warm (not hot) every morning. Result will be more eggs and healthier poultry. Best food properties correctly proportioned. Cheaper than grain and O so much better. A trial will convince. 100 lb. sk. \$1.75; 50 lb. sk. 90c.

Diamond Chick Food, a complete and properly proportioned food for chicks. Vegetable, animal, mineral. Needs no accessories. Save your chicks. 25 lb. sk. \$1.00; 50 lb. sk. \$1.85; 100 lb. sk. \$3.50.

Diamond Hen Food, a complete dry ration. 100 lbs. \$2.00; 50 lb. sk. \$1.15.

Granulated Bone, an excellent egg maker, you know that. Next best thing to green cut bone. 1 lb. 2c; 100 lbs. \$1.75.

Meat Meal, an indispensable egg making ration. Rich in protean. Wholesome, nutritious. 1 lb. 3c; 100 lbs. \$2.00.

Darling's Beef Scrap. A valuable article of food to make hens grow and lay. 10 lbs. 40c; 100 lbs. \$3.50.

Clover Meal. Well cured green clover, ground. Invaluable winter food property. 5 lbs. 25c; 25 lbs. \$1.00.

Oyster Shell, Eastern. 1 lb. 2c; 100 lbs. \$1.50. Fine for chicks and birds. 1 lb. 2c; 100 lbs. \$1.50.

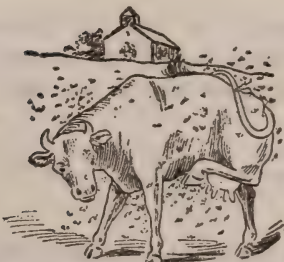
Clam Shell. 1 lb. 2c; 100 lbs. market price.

Diamond Granite Grit. Hardest broken granite, the best quality. 1 lb. 2c; 100 lbs. \$1.50.

Standard Poultry Grit, decomposed granite. 1 lb. 1½c; 100 lbs. \$1.00.

FLYO-CURO.

The true "God send" to cows and horses and "Furry" to the flies. It means one-third less feed to horses and cows and one-third more milk in the bucket. It means comfortable milking to cow and man, in hottest fly days. It means comfortable



Before Using.

working to faithful toiling beasts in field and undisturbed rest in stall. Of indescribable value and insignificant cost. Quarts 50c; gallons, \$1.25.



After Using.

WIRE POULTRY NETTING

Just what you want for fixing up your Poultry Yard, Chicken Runs, Trellises etc.

Rolls 150 ft in length.		No. 20.	19 wire
12 inch	2-in. Mesh	\$0.70	\$0.75
18 inch	2-in. Mesh	1.05	1.15
24 inch	2-in. Mesh	1.35	1.50
30 inch	2-in. Mesh	1.70	1.85
36 inch	2-in. Mesh	2.10	2.25
42 inch	2-in. Mesh	2.40	2.60
48 inch	2-in. Mesh	2.70	3.00
60 inch	2-in. Mesh	3.40	3.75
72 inch	2-in. Mesh	4.15	4.50

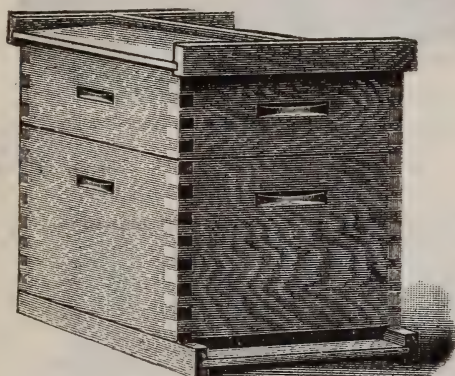
Short lengths 1c per square foot. Write for prices on different sizes and large quantities.

Prices subject to change without notice.

BEE SUPPLIES.

We carry a very large stock of Bee Supplies, which includes a full assortment of the articles necessary for handling bees in an up-to-date manner. We give herewith a list which includes most of the principal articles that are used by bee keepers. We would request anyone who is specially interested in this line to write us for our complete Catalogue of Bee Supplies, the new edition of which will come out in the Spring.

The Dovetailed Hive is taking the lead over all hives, as it contains many of the most desirable features for the rapid handling of the bees, and is one of the cheapest hives manufactured.



Dovetailed Hive.

No. 1 Dovetailed Hive (complete with 1 super) consists of one bottom board, 1 body, 1 super, cover, 8 Hoffman brood frames, 1 division board, 2 tightening springs) for super, 6 section holders, slotted separators, 24 sections and foundation starters for frames and sections, and nails.

No. 2 Dovetailed Hive is the same as No. 1, less sections and foundation starters.

No. 3 Dovetailed Hive is the same as No. 1, except that it has two supers instead of one.

No. 4 Dovetailed Hive is the same as No. 3, less sections and foundation starters.

No. 10 Dovetailed Hive (complete two-story for extracting) consists of 1 bottom board, 2 bodies, cover, 16 Hoffman brood frames, 2 division boards and nails.

List of prices of Falcon Dovetailed Hives.

Order by No.	Nailed or K. D. Packed		in Flat	Weight of 10
	1	5		
.....	\$2.20	\$9.25	\$16.00	280
-B	2.20	9.25	18.00	230
.....	1.90	7.85	15.25	260
-B	1.90	7.85	15.25	260
.....	2.80	12.25	23.75	350
-B	2.80	12.25	23.75	350
.....	2.40	10.00	19.25	320
-B	2.40	10.00	19.25	320
10	2.30	9.75	19.00	320

"B" designates Supers with Fence Separators and 4 1/4 x 1 1/2 inch Sections.

For larger quantities write for prices.

Portland Seed Co's Eastern Pine Hives.

Order by No.	Nailed or K. D. Packed		in Flat	Weight of 10
	1	10		
1. Complete	\$1.85		\$16.00	280
2. Empty	1.65		14.00	260
3. Complete	2.40		20.00	350
4. Empty	1.90		17.00	320
10. Empty	2.00		18.00	320

Five Hives at same rate as ten.

Portland Seed Co's Cedar Hives.

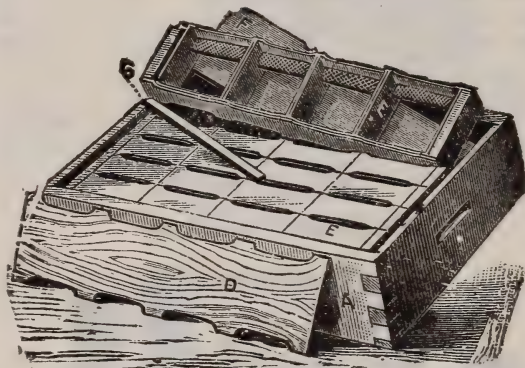
Order by No.	Nailed or K. D. Packed		in Flat	Weight of 10
	1	5		
1	\$1.85	\$7.75	\$15.00	275
2	1.50	6.25	12.00	250
10	1.95	8.25	16.00	300

Oregon Dovetailed Pine Hives.

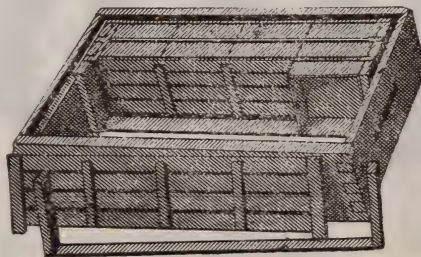
These Hives are made of superior Oregon pine and are first class in every respect.

Write for special prices.

Dovetailed Supers.



Super with Slotted Separators.

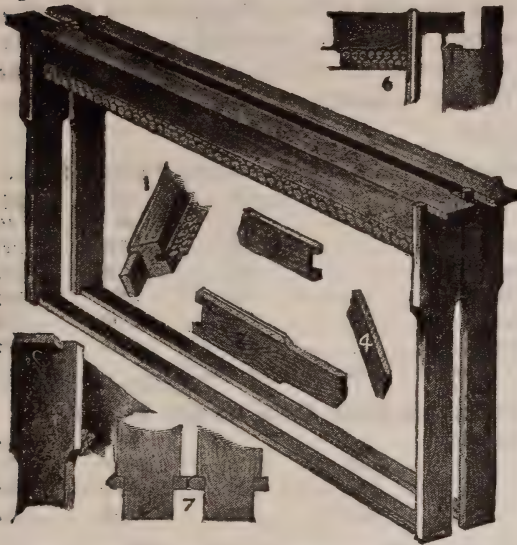


Super with Fence Separators.

Order by No.	Nailed or K. D. Packed		in Flat	Weight of 10
	1	5		
1	\$0.70	\$3.15	\$6.00	75
1-B .....	.70	3.15	6.00	75
2 .....	.60	2.40	4.50	65
2-B .....	.60	2.40	4.50	65
O-Empty .....	.35	1.50	2.75	40

For description of super, see corresponding number describing hives.

Brood Frames.



Hoffman Improved Foundation Fastening.
Price.....10, 30c; 100, \$2.50

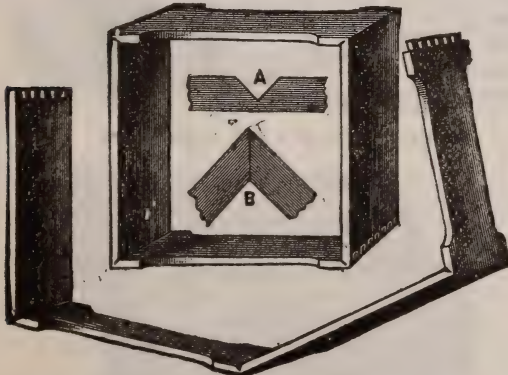
Separators.

	100
Slotted wood separators, 4½x18.....	\$1.00
Slotted wood sliced separators.....	.75
Plain separators.....	.55
Fence separators.....	2.00

Section Holders.

1½ Slotted.....	per 100	\$1.75
1½ Plain.....	per 100	\$1.75
Section-holder bottoms or pattern slats, 100, \$1.00.		

Polished Sections.

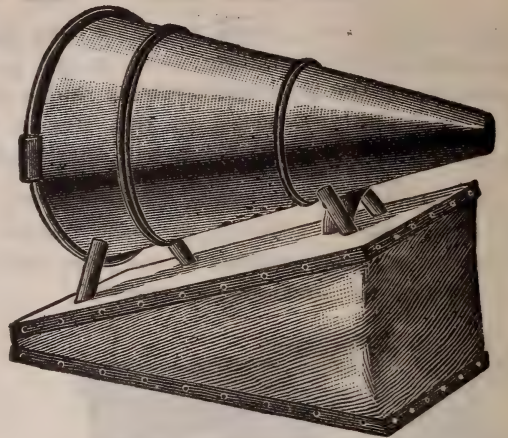


Per 100	500	1000
\$0.60	\$2.50	\$4.75
No. 1.	4¼ x 4¼ x 17½.	
No. 1.	4¼ x 4¼ x 1 15-16.	
No. 1.	4¼ x 4¼ x 1¾.	
No. 1.	4¼ x 4¼ x 7 to the foot.	
No. 1.	4¼ x 4¼ x 1½. No bee way, 25c M. less.	

Cheap Sections.

We offer a fair quality of sections as follows:
100, 50c; 500, \$2.00; 1000, \$3.75.
For large quantities, other sizes, etc., write for special prices. If ordered by mail, allow 1c each for postage. Sample section by mail, free.

Smokers.



Clark's Cold-Blast Smoker.

	Each.	By mail.
Clark's Cold Blast.....	\$0.60	\$0.75
Bingham, Conqueror.....	1.00	1.25
Bingham, Little Wonder.....	.60	.75
Bingham, Doctor.....	1.25	1.55
Bingham, Large.....	.90	1.10
Cornell.....	1.00	1.20

Dadant's Comb Foundation.

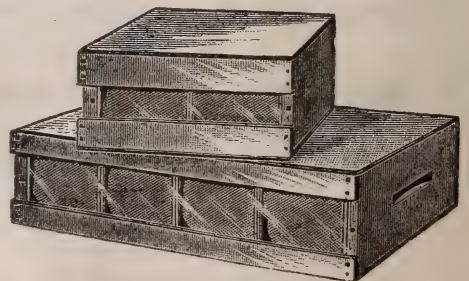


Our foundation is made from Pure Beeswax.

	Square ft.		
—Grade.—	per lb.	lb.	10 lbs.
Light Standard Brood.....	6 to 7	.55	.50
Ex. Light Standard Brood.....	8 to 9	.60	.55
Light Section.....	11 to 12	.65	.60
Extra Light Section.....	12 to 13	.70	.65

If foundation is wanted by mail, add 25c per lb. up to 2 lbs.; and 20c; per lb. over 2 lbs.

Honey Shipping Cases.



These have a glass front and are designed for marketing honey in.

Price List of Shipping Cases.

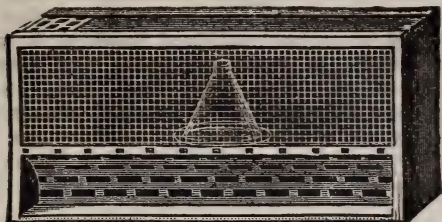
	Nailed	Flat
	Each	10
24-lb. Non Drip Shipping Cases.....	\$0.30	\$2.25
12-lb. Shipping Cases.....	.15	1.10
24-lb. for 3½x5 Sections.....	.30	2.25
Prices include nails, glass, etc.		

BEE ENTRANCE GUARDS.



Price, 10c; by mail, 15c; 10 for 90c.

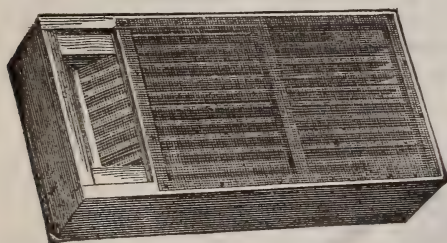
DRONE TRAPS.



Alley's Combined Drone and Queen Trap.

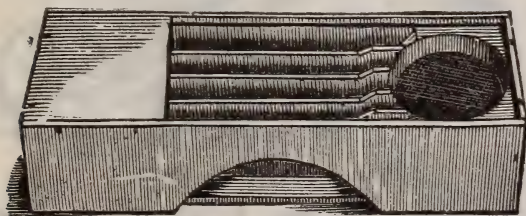
A perfect non-swarmer arrangement. Each, 50c; by mail, each, 15c extra.

FEEDERS, ETC.



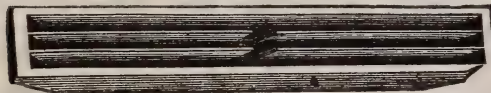
Page Feeder.

Each, complete, 30c; in lots of 10, each, 25c; by mail, extra, each, 25c.



Gray's Covered Simplicity Feeder.

Price, 20c; by mail, 15c extra.



Simplicity Feeder.

Price, 10c; by mail 15c; 10 feeders, 65c.

Miller's Feeder. Each, nailed up, complete, 35c; in flat, 30c.

Boardman's Feeder. Without jar, 20c.

HONEY KNIVES.

Novice. 85c; by mail 90c.

Quimby. \$1.00; by mail \$1.05.

Abbott. 80c; by mail 90c.

15-Cent. 15c; by mail 20c.

SPECIAL NOTICE.

We pay the Highest Price for Bees Wax.

FOUNDATION FASTENERS.

Daisy. Without lamp, \$1.00.

Parker's. 30c; by mail 45c.

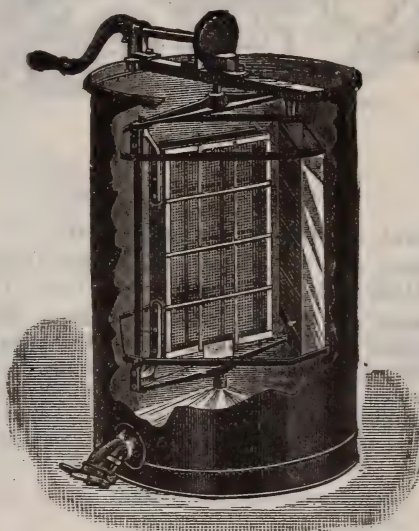
Hubbard Section Press. \$2.75.



Porter Bee Escape.

This is one of the best escapes known, and is far superior to almost all others. Price, 20c. Mounted, each, 40c.

HONEY EXTRACTORS.



Cowan Extractor.

Cowan, No. 15, two frames.....\$13.50
Novice, No. 5 10.00

WAX EXTRACTORS.

Doolittle Solar, weight 30 lbs., \$4.50.

Swiss, \$3.00; with steam generator, \$4.00.

**BOOKS FOR
BEE KEEPERS
and
Agriculturists.**



See Page 66.

BEE VEILS

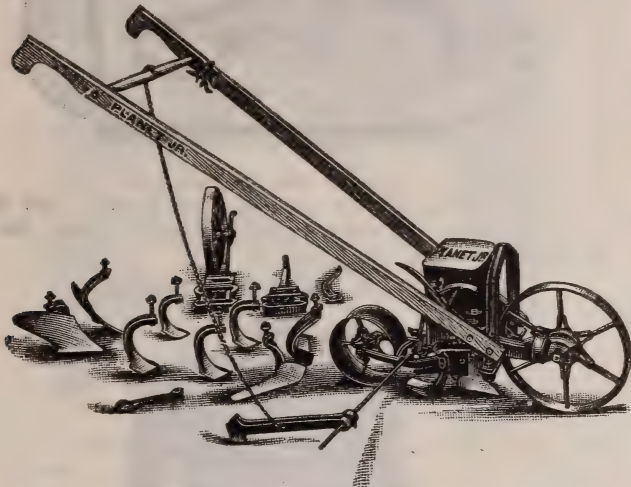
No. 1. Veil, made entirely of silk tulle.....\$0.80
No. 2. Veil, cotton tulle, silk tulle face..... .55
No. 3. Veil, cotton tulle, throughout..... .40
Five Bar or Globe..... 1.10

Write for Bee Supply Catalogue. Mailed Free. Should be in the hands of every Bee Keeper.

"Planet Junior" Garden Tools.

Improved 1902 Models.

These goods are too well known to need an introduction. We list the most popular of the "Planet Jr." tools. For full description see "Planet Jr." Catalogue, which will be mailed on application.



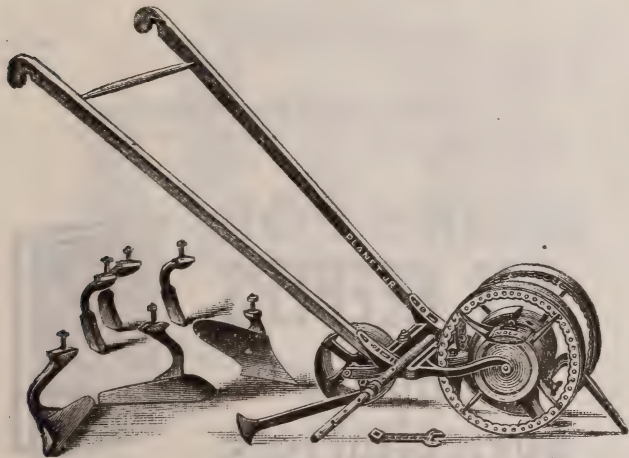
Planet Jr. No. 25. \$13.50.

Planet Jr. No. 2, Garden Drill. \$7.50.

Planet Jr. No. 3, Single-Wheel, Hill-Dropping Drill. Weight, 49 lbs. Price, \$10.50.

Planet Jr. No. 4, Single-Wheel, Hill-Dropping Drill, Hoe and Cultivator, Combined, is a capital hill-dropping and a continuous row seeder, with the most perfect and complete single-wheel hoe, cultivator and plow that the most particular can desire. Holds 2 quarts. Weight 45 lbs. Price, \$10.50.

The same machine, with drill only, weight 37 lbs., \$8.50.



Planet Jr. No. 1. Price \$9.50.

Planet Jr. No. 5, Seeder and Hill Dropper. Holds 4 quarts. Price, \$13.50.

Planet Jr. No. 11, Double-Wheel Hoe, Cultivator, Rake and Plow. Perfectly adjustable. It has seven pairs of tools, being similar in every respect to No. 12 except that it has an extra pair of hoes and two pairs of rakes. See cut of No. 12 for illustration. Price, \$9.00.

Planet Jr. No. 25, Combined Hill and Drill Seeder and Double-Wheel Hoe. This new and improved combined machine is intended for large or small gardeners who require a Double-Wheel Hoe, Hill and Drill Seeder. These are all combined in one and changed in a moment. It is large enough for field use, for it holds $2\frac{1}{2}$ quarts (or about 5 lbs.) of onion seed, and has $11\frac{1}{4}$ -inch wheels.

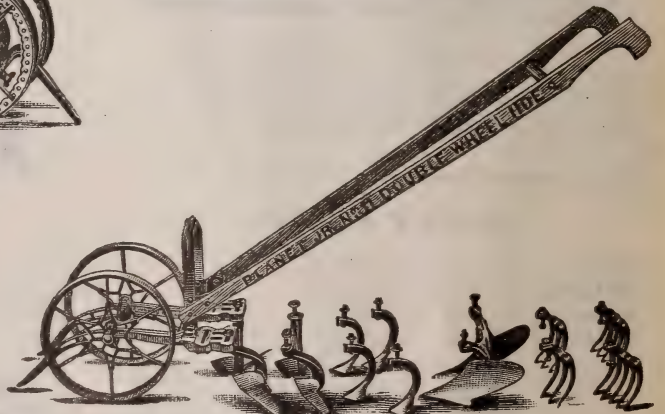
As a drill it is almost identical with the Planet Jr. No. 4 Drill; will sow in drills or hills 4, 6, 8, 12 or 24 inches apart. Thrown out of gear automatic; combined cut-off, seed index with perfect adjustment.

As a Wheel Hoe it is identical with No. 12. The entire combination is one we can heartily recommend and guarantee satisfactory. Price, \$13.50.

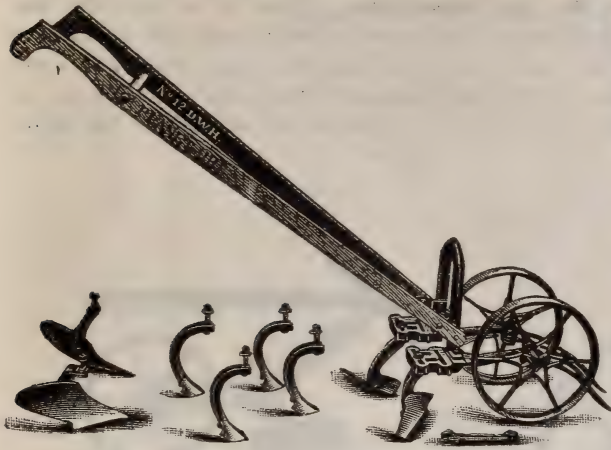


Planet Jr. No. 4. \$10.50.

Planet Jr. No. 1, Combined Drill Wheel Hoe, Cultivator and Plow. This tool is popular as a Combined Garden Tool. As a Drill it does good work. The hopper holds one quart. As a Wheel Hoe, Wheel Cultivator or Wheel Plow it is nearly equal to the tools described below. Weight 47 lbs. Price, \$9.50.



Planet Jr. No. 11. Price, \$9.00.



Planet Jr. No. 12. \$7.00.

Planet Jr. No. 12, Double Wheel Hoe, Cultivator and Plow. This tool is identical with No. 11, except that it has fewer attachments, and is sold at a correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted. Price, \$7.00.

Planet Jr. No. 13, Double Wheel Hoe. This is the No. 11, with a pair of 6-inch hoes only. The other tools may be added as wanted to either No. 12 or No. 13. Price, \$5.00.

Planet Jr. No. 15, Single Wheel Hoe, Cultivator, Rake and Plow. The latest and best Single Wheel Hoe in every particular. Price, \$7.00.

Planet Jr. No. 16, Single Wheel Hoe, Cultivator, Rake and Plow. This latest and best single wheel hoe has a very full set of tools, several being of new design. The tools are a well shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all-steel patent cultivator teeth; also a set of two rakes, leaf guard; 11-inch wheel, etc. Price, \$6.00.



Planet Jr. No. 16. \$6.00.

Planet Jr. No. 17, Single Wheel Hoe, Cultivator and Plow. This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth,—an outfit sufficient for most garden work. The other attachments can be added at any time.

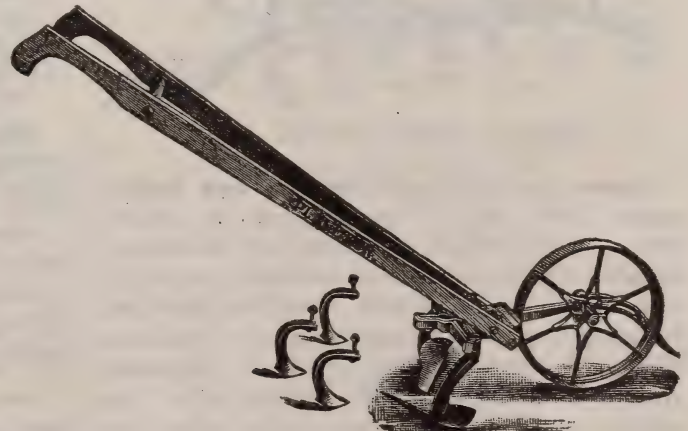
This low-priced tool has met with immense sales. Price, \$5.00.



Planet Jr. No. 17. \$5.00.

Planet Jr. No. 17½, Single Wheel Hoe and Cultivator. This new style machine is similar to No. 17 except it has no plow, but it has a leaf lifter. Thousands of them have been sold for cultivating sugar beets and onions. Price, \$4.50.

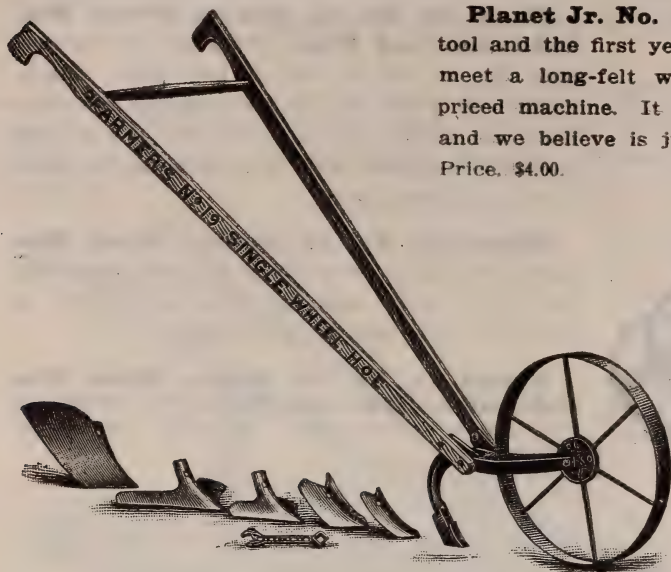
Planet Jr. No. 18, Single Wheel Hoe. This tool is fitted with but one pair of 6 inch hoes, other tools may be added as wanted. Price, \$3.75.



Planet Jr. No. 17½. \$4.50.

Send for Planet Jr. Catalogue.

Planet Jr. No. 19, Wheel Hoe. This is an entirely new tool and the first year on the market. Was made and designed to meet a long-felt want for some uses of a high wheel and a low priced machine. It is fitted complete with tools as shown in cut and we believe is just such a machine as is required by many. Price, \$4.00.



Planet Jr. No. 19. Price, \$4.00.

No. 7, same as No. 8, without depth regulator. Price, \$8.00.

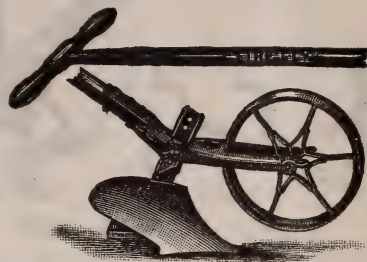
Planet Jr. No. 8, Horse Hoe and Cultivator. In use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It has the new lever wheel and new depth regulator. The expander is of new pattern, and the reversible side hoes may act as plows or hillers or as hoes. Price, \$8.50.

Planet Jr. No. 9, Horse Hoe and Cultivator. Similar to No. 8, but without lever. Price, \$7.50; without wheel, \$6.75.



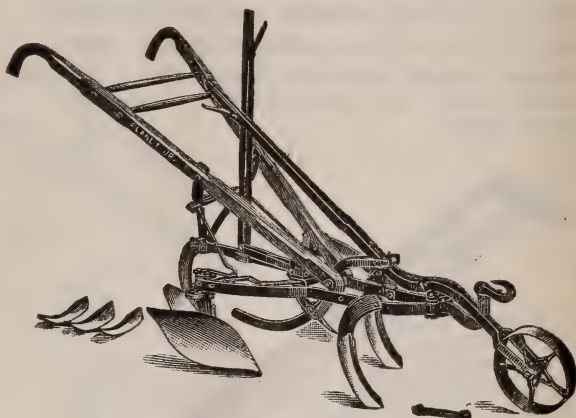
Planet Jr. 12-Tooth Harrow. \$8.50.

Planet Jr. 12-Tooth Harrow and Cultivator. This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth cut an inch wide each. The foot lever pulverizer is a capital addition. Hand lever regulates both width and depth while in motion. Adjustable from 10 to 32 inches. Price, complete, \$8.50. The same tool without pulverizer. Price, \$7.00. The same without pulverizer or wheel. Price, \$6.00.



Firefly Hand Plow. Invaluable for small gardens. Price, \$2.50.

Firefly Single Wheel Hoe. Price, \$4.75.



Planet Jr. No. 8. \$8.50.

Planet Jr. No. 4, Horse Hoe and Cultivator, \$6.50; without wheel, \$5.75.

Planet Jr. No. 4, Cultivator, \$5.25; without wheel, \$4.50.

The Planet Jr. Pivot Wheel Cultivator, Plow, Furrower and Ridger. 2-horse, one row. Price, \$45.00.

Planet Jr. Orchard Cultivator. A 2-horse machine of great merit. (For description see Planet Jr. Catalogue.) Price, \$40.00.

The Planet Jr. Grass Edger will do either straight or curved edging and should be the constant companion of the lawn mower. Price, \$6.50.

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated Catalogue, free for the asking, to any who desire it, and we can supply promptly nearly any tool or extras ordered.

"Planet Jr." goods are standard machines, the best on the market. In sending orders to us, you can rely on getting bottom prices.

FERTILIZERS.

We carry large and complete stocks of the most economical, first-class Commercial Fertilizers, analysis highest per cent, and our prices are right.

PURE BONE MEAL.

Animal bone finely ground is one of the very best and most economical fertilizers, especially at present low prices. A most valuable enricher of the soil, and crop producer. Our stocks are absolutely pure. 100 lbs. \$1.75; ton, \$30.00.

BONE FLOUR.

Acts quick and one of the very best for floral culture. 100 lbs \$2.75.

LAND PLASTER; OR GYPSUM.

Made from pure Gypsum, absolutely free from clay, sand or other foreign matter, 99 per cent pure. For a first class fertilizer at a low cost, the "Oregon Land Plaster" is not equaled. Especially valuable and will have a marvelous effect on potatoes, clover and all grass crops. 80 lb. sack 60 cents; ton \$12.00.

FISH GUANO.

This is the very best quality of Guanos, containing high percentage of nitrogen, phosphoric acid, and other fertilizing qualities. 100 lbs. \$1.75. Write for ton price.

LAWN FERTILIZER.

For grass lands, lawns and flowers. This article has been specially prepared to meet the requirements of grass lands, and has been used on a great many lawns in and about this city with highly-satisfactory results. Do not use barnyard manure on a lawn, for it will fill it full of weeds. This fertilizer will feed the roots better and bring in no weeds. 25-lb. sack, \$1.00; 50-lb. sack, \$1.50; 100-lb. sack, 2.25.

VEGETABLE FERTILIZER.

This compound is prepared specially for potatoes, vegetables and garden truck, and is unsurpassed for bringing these crops to early maturity. 100-lb. sack, \$2.25.

COMPLETE FERTILIZER.

An all-around fertilizer for ordinary farm and garden products. Contains high percentages of fertilizing properties and is highly satisfactory to all who use it. 100 lbs., \$2.00.

FRUIT FERTILIZER.

This excellent fertilizer is made expressly for fruits. Its use for fruit trees, vines and shrubs of all kinds will be followed by a great improvement in the quality and increase in quantity. 100-lb. sack, \$2.25; ton, \$40.00.

HOP FERTILIZER.

This is an excellent manure, and is just the thing needed for the successful growth of hops. A trial will convince hop men of its value. 100 lbs., \$2.25.

SUPER-PHOSPHATE.

This is a first-class article of pure bone phosphate, and acts in a remarkably short time. 100 lbs., \$2.50.

NITRATE OF SODA.

For immediate results Nitrate of Soda is the very best for stimulating and forcing the growth of plants or any other crop. 100 lbs., \$3.00. Write for ton price.

THOMAS SLAG PHOSPHATE.

A very effective fertilizer, rich in phosphoric acid, possessing a high degree of solubility. 100 lbs., \$1.50.

SULPHATE OF AMMONIA.

Is one of the most concentrated forms in which Ammonia can be applied to crops. 8c per lb. Write for price on large quantity.

BOWKER'S PLANT FOOD.

Best fertilizer for house plants. ½-lb. package, 25c; 1-lb. package, 50c. postpaid.

JADOO FIBRE.

This is a potting material rather than a fertilizer, and is manufactured by boiling into peat moss certain chemicals which contain the elements necessary to support plant life. Very fine for house plants. 1 lb. 10c; 5 lbs. 40c; 10 lbs. 70c.

Potash

Is one of the most important fertilizing elements. Every farmer should find out by practical experiment what his soil needs and avail himself of the large profit to be derived from the use of potash and other commercial fertilizers. We have a large stock of Potash Salts, direct from the mines at Stassfurt, Germany, and are in position to furnish them at reasonable prices.

MURIATE OF POTASH.

1 lb. 3½ cents; sack 224 lbs. \$6.50.

SULPHATE OF POTASH.

1 lb. 3¼ cents; sack 224 lbs. \$7.25.

KANIT.

1 lb. 1½ cents; sack 224 lbs. \$2.25.

Can furnish Pamphlets on Potash, Nitrate of Soda and general gardening, etc., free.

A light top dressing of these fertilizers, applied at any time, will be found to aid the growth of crops very materially.

For larger quantities of any of these Fertilizers, write for Special Quotations.

SPRAY PUMPS.

The great value and benefit to be derived from spraying is well known by orchardists. The amount of loss in crops from injury by insects and fungi in the United States alone is estimated by the highest scientific authorities at \$500,000,000.00; 75 per cent of the amount (or \$350,000,000.00) can be saved by spraying.

The Improved DEMING PUMPS

are not surpassed

in

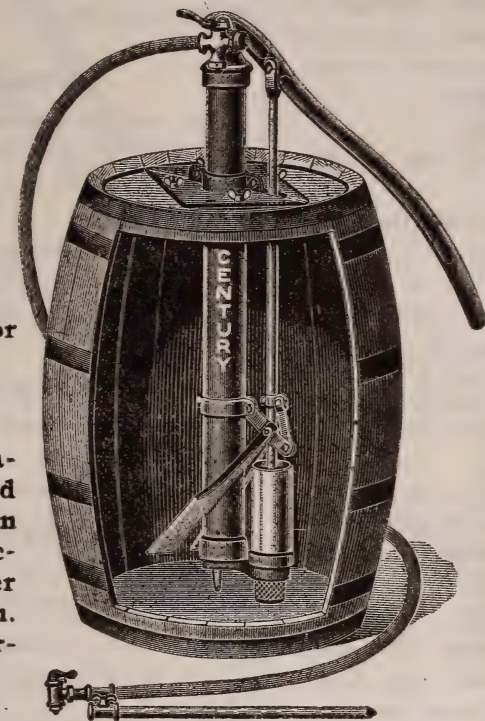
Handiness, Durability or
Workmanship.

The Deming New Agitator agitates and would more than please you in the way it keeps the suction hose and strainer open. They are perfection. Try it and decide for yourself.

The Simplex Barrel Spray Pump. Our popular Orchard Sprayer. With Mechanical Agitator and Brass Working Parts. This is a first-class orchard sprayer. The working parts are made of brass. The discharge is provided with Double Y connection, so that one or two sections of hose may be used at will.



Fig. 550. Simplex.



Deming Century. Fig. 645.

THE "CENTURY" Pump

Fig. 645.

The Century Pump. Very latest improved with brass working parts, submerged brass cylinder, brass ball valves, "Everlasting" plunger, packing and mechanical agitator. The pump that has come to stay. Has many Special Points of Excellence.

CENTURY--Pump only, \$14.

OUTFIT C. Fig. 645. Pump with 10 feet 4-ply hose and nozzle. No barrel. \$16.00.

OUTFIT C. C. The same as Outfit C., but with 25 feet 4-ply hose and 8 feet pipe extension. No barrel. \$19.00.

The Improved Deming "Peerless" Spray Pump. With Brass Working Parts, Double Discharge Cock and Mechanical Agitator. This pump has stood years of hard usage and tests, possessing the many features necessary for a first-class orchard sprayer, such as large air chamber, Al agitator, non-corrosive material, etc.

OUTFIT C. Pump with 10 feet ½ inch 4-ply hose and nozzle. No barrel. \$12.50.

OUTFIT C. C. The same as Outfit C. but with 25 feet instead of 10 feet of hose; and 8 feet pipe extension. No barrel. \$15.00.

OUTFIT C. C. Pump with 25 feet ½ inch 4-ply hose, nozzle, pole connection, 8-foot pipe extension with Globe valve. No barrel. \$15.00.



Fig. 549. Peerless.

For Spraying Materials, Insecticides, Etc., see page 63.

The Planet Pump. A powerful pump for spraying large orchards and buildings. Arranged for one, two, three or four lines of hose. The cylinder is lined with heavy brass, and the pump is supplied with four feet of wire-lined suction hose and brass globe : ainer. Price, pumps only, \$18.00

Brass Bucket Spray Pump. A first-class pump for spraying small trees and light work in general. The best cheap tool on the market. Price \$3.50.



Smith's Patent Force Pump. Just the thing for white-washing your hen house, washing windows and other light work. Tin; four nozzles, \$1.00.

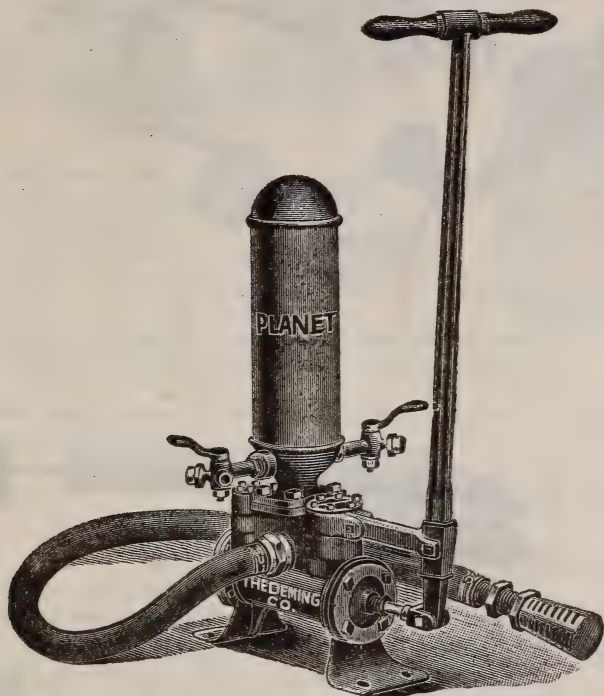
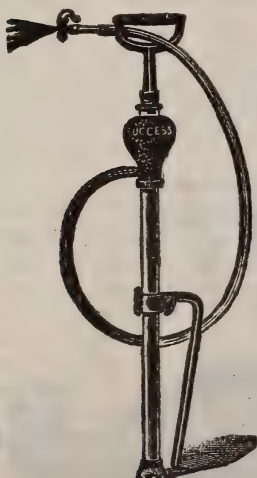


Fig. 610. Planet Pump.

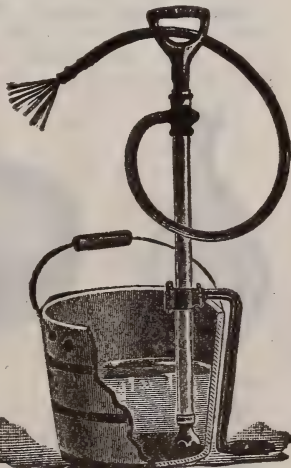
Planet Pump, with 50 feet 4-ply hose, two 8-foot pipe extensions with Globe valves, two nozzles, suction hose, complete, \$30.00.



Success.

Prize Bucket Spray Pump. All working parts are brass, bronze ball valves and malleable iron foot rest. A splendid pump at a low price. \$3.50.

Success Bucket Spray Pump. This pump has brass working parts, air chamber, indestructible Bronze valve. Complete with Bordeaux nozzle, directions, etc. Price \$4.50.



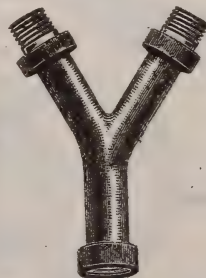
Prize.



Prize Knapsack Pump.

The Prize Knapsack Pump. A Knapsack and Bucket Sprayer combined, 5 Gallon Galvanized Iron Tank. Brass Pump with Bronze Ball Valves. Very convenient and serviceable. Price, \$7.50.

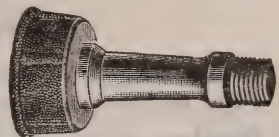
We carry a full line of Spraying materials. See page 63.



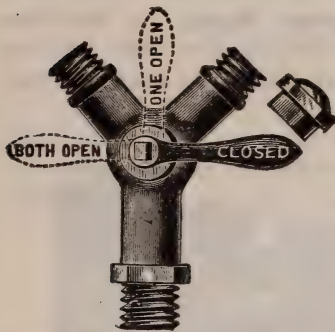
Double Spraying Attachment. Fig. 980. Price 50c.



Nozzle Coupling and Hose Stock. Fig. 749. Price, 25c.



Nozzle and Hose coupling. Fig. 966. Price 30c.



Three Way Cock, Fig. 336. Price \$1.75.



Fig. 971/25c. Extension Pole Holder.



Hose Couplings.
 1/2 in. 15c, by mail, 20c.
 3/4 in. 20c, by mail, 25c.
 1 in. 25c, by mail, 35c.

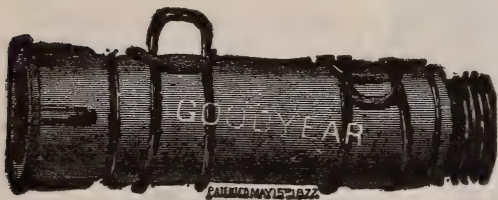


Yerdon's Bands.

5c; doz. 50c.



Hose menders, 1/2 in. 5c;
 3/4 in. 5c; 1 in. 10c.



Caldwell Bands, 25c per doz.

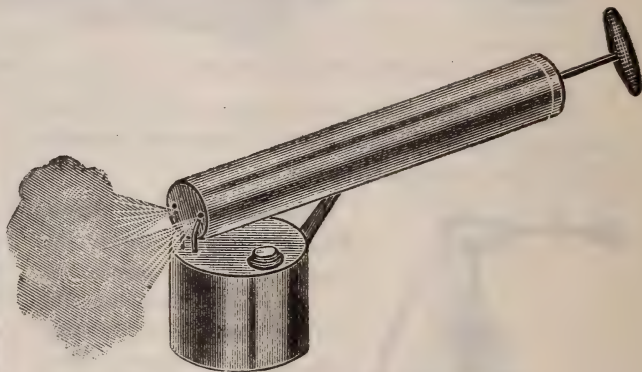
NOZZLES.



Vermorel, Fig. 552.



Bordeaux Nozzle, Fig. 965.



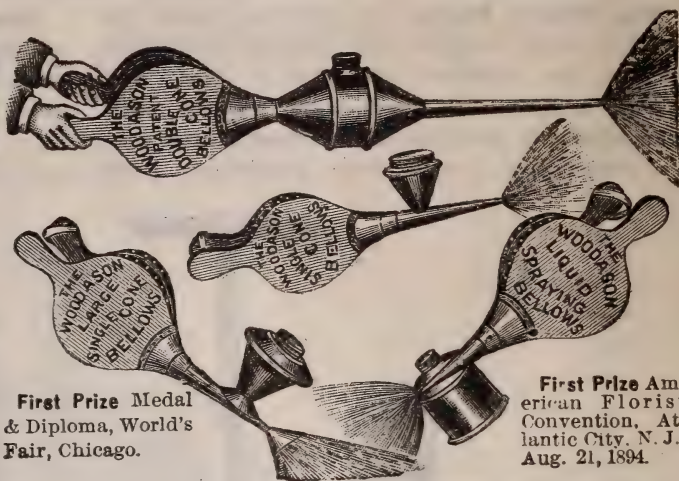
Lightning Insect Exterminator.

Lightning Insect Exterminator. Just the thing for spraying Rose Bushes and small shrubbery. Also first class for use in chicken houses. Prices, Brass, \$1.00. Galvanized Iron, 75c.

Bordeaux	\$1.00
Vermorel	1.00
Vermorel, Double	2.00
Cyclone .....	.50
Bean Cyclone	1.00
Bean Duck Bill	1.00
Hop, Fig. 553	1.50

Miscellaneous.

Globe Valve	\$0.75
Pipe Extension, 8 foot.....	.60
Bamboo, with Globe Valve, 8 ft	1.75
Bamboo, with Globe Valve, 10 ft	2.00



First Prize Medal & Diploma, World's Fair, Chicago.

First Prize American Florist Convention, Atlantic City, N. J., Aug. 21, 1894.

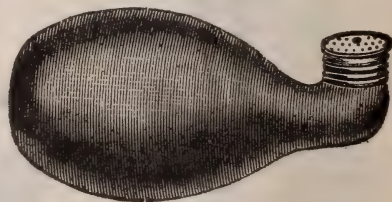
Sprayers, Woodason's Liquid, like cut, \$1.50 and \$2.00.
 Powder Bellows, Woodason's Single Cone, \$1.25.
 Powder Bellows, Woodason's Large Single Cone, \$2.00.
 Powder Bellows, Woodason's Double Cone, \$3.00.



Aspinwall Sprayer. One of the most convenient and economical for using liquid Lice Killers, Sprays, etc. Nothing cheap but the price. 75c.

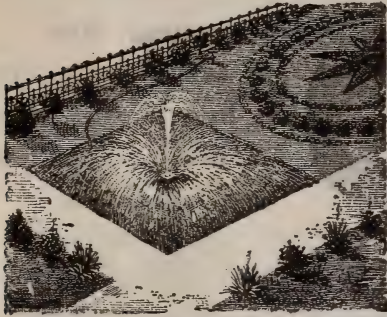


Scollay Sprayer.



Perfection Sprayer.

Perfection. No. 1, Angle Neck, 60c; by mail, 65c. No. 3, Angle Neck, 90c; by mail, \$1.00.
Scollay. Four sizes—50c; 75c; \$1.00 and \$1.25; by mail, 55c; 85c; \$1.10 and \$1.35.



HOSE.

We carry and can furnish the very best brands of Garden and Spray Pump Hose.

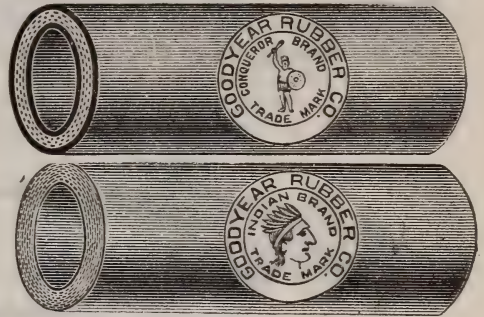
Different sizes and from 3 to 8-ply. Hose that will stand hard usage.

Write for prices.

LAWN SPRINKLERS.

Lowell. This is the most convenient all-around spray hose pipe and lawn sprinkler 40c, by mail 75c.

Golden Gate Sprinkler	\$1.00
Propeller .....	.45
Rainmaker .....	.50



**Washes and Insecticides,
For Destroying Insects, Scale, Etc.**

We give below a list of washes recommended by the State Board of Horticulture for destroying Insect Pests on trees, etc.; also other washes and ingredients for same use.

No. 1. Winter Spray for San Jose Scale and Peach Curl Leaf. Ingredients: Salt, lime, sulphur, etc. For winter use, 1 lb. to 3 gals. of water; for summer, 1 lb. to 8 gals. of water. Price, 1 lb. 10c; 25 lbs. to 50 lbs. 5 cts. per lb.; 100 lbs. or more, at 4 cents per lb.

No. 2. For San Jose Scale and Wooly Aphis. Ingredients—sulphur, lime, blue vitrol. For winter use, 1 lb. to 3 gals. For a preventive, 1 lb. to 5 or 6 gals. For summer, 1 lb. to 8 or 10 gallons. For Godlin moth add to 8 or 10 gallons of solution a full ½ oz. of Paris Green or London Purple. Price, 1 lb. 10c; 25 lbs. to 50 lbs. 5c per lb., case of 100 lbs. or more, 4¼c per lb.

No. 5. Whale Oil Soap. Summer Spray for Hop Louse and Green Aphis. Use 1 lb. to 7 gallons of water. Price, 1 lb. 10c; 25 to 50 lbs. 5¼c per lb.; case of 100 lbs. or more, 4¼c per lb.

No. 7. Bordeaux Mixture for Fungi. Ingredients—Sulphate of copper and lime. For winter use 1 lb. to 2 gals. of water; for summer, 1 lb. to 4 gallons of water. Price, 1 lb. 10c; case of 25 lbs. to 50 lbs., 7c per lb.; care of 100 lbs. or more, 6c per lb.

Paris Green. ½ lb. can 20c; 1 lb. can 35c; 5 lb. can \$1.50.

London Purple. 1 lb. 35c; 5 lbs. \$1.40.

Rosin. 1 lb. 10c; 100 lbs. \$5.00.

Sulphur. 1 lb. 5c; 10 lbs. 30c.

Babbitt's Lye. 10c per can; 1 doz. cans 90c.

Sulphate of Copper. 1 lb. 10c; 10 lbs. 30c; 100 lbs market price.

Quassia Chips. 1 lb. 10c; 10 lbs. or more 7c per lb.; 100 lbs. market price.

Tobacco Dust. 1 lb. 10c; 10 lbs. 60c; 100 lbs. \$4.50

Fir Tree Oil Soap. The best thing we know of for killing Green Aphis on shrubbery and garden plants. ½ lb. can 25c; by mail 35c; 2 lbs. 75c.

Buhach. A Pyrethrum preparation of good strength. 1 oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Apis Punk. Is a special preparation of nicotine for the extermination of green and black fly, thrip, etc., in greenhouses and conservatories. Is especially recommended for roses, carnations, chrysanthemums, heliotrope, smilax and ferns. Full direction with each package. Per roll 5c; box of 12 rolls 60c; case of 12 boxes \$6.50.

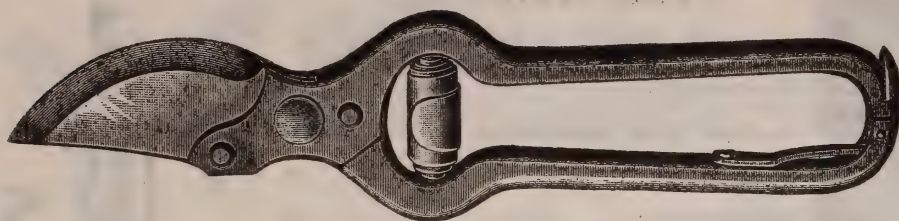
Nikoteen. Pure extract. Pt. bottle \$1.50.



Hammond's Slug Shot. Excellent for destroying cabbage, turnip and beet fly, potato bugs, currant worms, green aphid, etc., 1 lb. 15c; 5 lb. pkg. 50c.

Hammond's Grape Dust. For the prevention and cure of mildew on roses, grapes, gooseberries, etc.

Apply with bellows. 1 lb. 15c; 5 lb. pkg. 50c.



Grafting Wax.

- ¼ lb. Bars10c
- ½ lb. Bars20c
- 1 lb. Bars25c

Very Best Quality.

No. 4665, very best shear for the price. Will stand hard usage for years. Price 75c, by mail 95c.

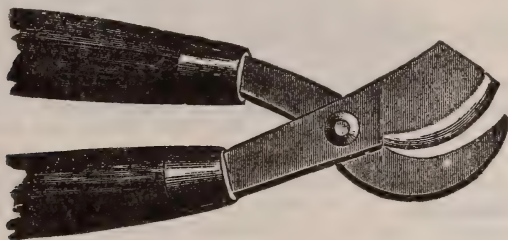
No. 5. "Sheep Toe" Clipper. Fine for light pruning, as roses, etc. 40c; by mail, 55c.

"No. 14." Spiral spring, 50c; by mail, 65c.

"No. 21." Straight springs, 55c; by mail, 70c.



The Levin Pruner. Very strong and an easy cutter. No. 23, cuts ½ inch dry, hard oak. Post-paid, 75c. No. 24, cuts ¾ inch dry, hard oak. Post-paid, \$1.00.



Rockdale.

Two-Hand Branch Shear, Rockdale. 26-inch, \$1.00; 41-inch, \$1.25.



Water's Pole Shears, (New Standard.)

- 6 feet\$0.75
- 8 feet 1.00
- 10 feet 1.10
- 12 feet 1.25

Cannot go by mail. Purchaser will have to pay freight or express charges.

Pruning Saws.

- Crescent, 12-inch70c
- Crescent, 14-inch75c
- Wonder, 20-inch85c

- Knives, M. & G. Budding\$0.25
- " I X L Budding Ivory opener..... 1.00
- " Budding, Gutia Per. opener..... .60
- " M. & G. Grafting.....25 and .30

Pruning and miscellaneous knives, all sizes and prices.

- Trowels,** Vaughan's Solid Steel.....\$0.60
- " 6-inch Cheap Garden10
- " Solid Shank50
- " 6-inch Transplanting15

- Tree Labels,** painted.....\$0.70 per M
- " " painted, wired90 per M
- " " unpainted60 per M
- " " unpainted, wired75 per M
- " " printed85 per M
- " " copper, wired 1.25 per M
- " " brass, wired 1.25 per M

- Pot Labels,** painted85 per M
- " " unpainted65 per M

Raffia. For tying buds, plants, etc., 1 lb. 25c.

Chenile. Purple, Light Blue, Red, White, Yellow. Per skein, 35c.

Florist Letters. Block, 2c; Script, 4c.

Wire Hanging Baskets. 12-in., 25c; 16-in., 60c.

Tin Foil Florist. 1 lb. 15c; 10 lbs., \$1.25.

" " Pure, 1 lb. 65c.

Plant Stakes. Write for price.

FLOWER POTS. SAUCERS.

	Each	Doz.	Each	Doz.
2 in.	\$0.03	\$0.20		
3 in.	.04	.35		
4 in.	.05	.45	\$0.03	\$0.30
5 in.	.06	.55	.04	.35
6 in.	.08	.85	.05	.45
7 in.	.12	1.10	.06	.75
8 in.	.14	1.45	.10	.95
9 in.	.18	1.80	.12	1.10
10 in.	.30	3.00	.15	1.25
12 in.	.50	5.00	.20	1.80



LANG'S HAND WEEDER
HANDIEST TOOL ON EARTH.



By Mail PREPAID 25c.



Hazeltine.



Excelsior.

- Excelsior Weeders20c
- Noyes Hand30c
- Hazeltine's30c
- Combination30c

MASTICA.

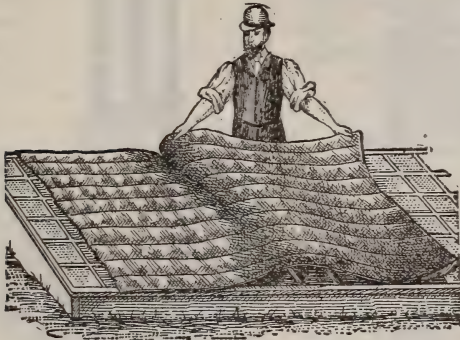
Mastica. For glazing hot-house windows. Put up in one-gallon cans, ready for use. Price, \$1.50 per gallon.

Mastica Machine. For applying Mastica. Saves time, labor and expense in glazing hot-house windows. Price, \$1.35.

PLANT-PROTECTING CLOTH.

Light grade, per yard, 10c; per piece of 68 yards, \$5.50.

Medium grade, per yard, 15c; per piece of 62 yards, \$6.00.



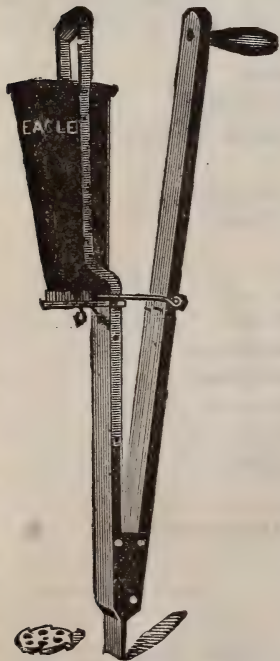
Palmer's Plant-Bed Mats.

No. 1. Burlap Cloth, 40x76 inches, \$1.00.

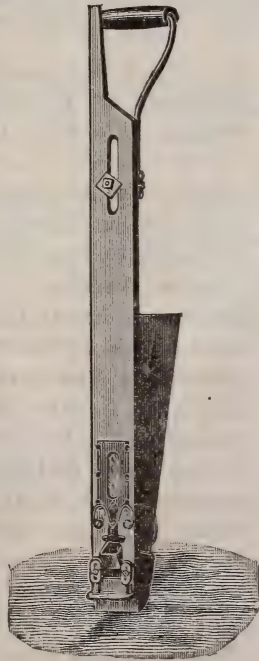
No. 2. Duck Cloth outside, 40x76 inches, \$1.25.

No. 3. Waterproof. Made of oil duck, filled and quilted the same as No. 1. 40x76 inches, \$1.50 each; 76x76 inches, \$1.75 each.

CORN PLANTERS.

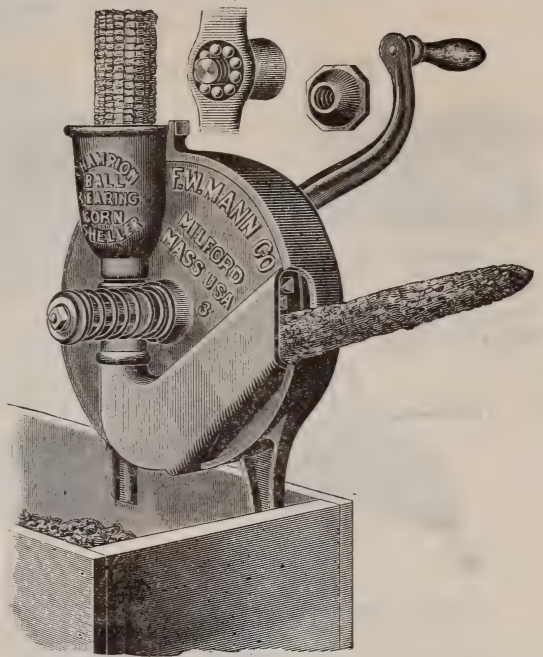


Eagle, \$1.50.

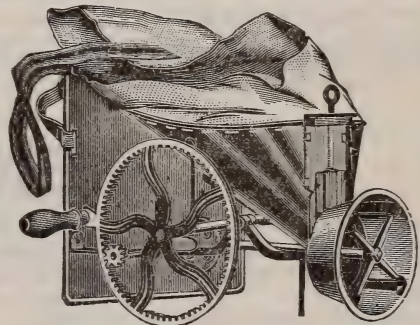


Babcock, \$1.25.

The Eagle Corn Planter gave such good satisfaction and we received so many testimonies last season, that we do not hesitate to recommend and say it is unsurpassed.



Mann's Champion Corn Sheller. Price, \$3.50.



Cahoon Hand Seeder. Price, \$4.00.



Granger Hand Seeder. Price, \$3.75.

Cyclone Hand Seeder. Price, \$2.00.

TRAPS.

"OUT 'O SIGHT"



BEFORE TAKEN.



AFTER TAKEN.

- "Out o' Sight" Mouse Trap, postpaid.....\$0.10
- "Out o' Sight" Rat Trap, postpaid..... .25
- "Out o' Sight" Mole Trap..... 1.00



NEW PRINCIPLE

When properly set The Best Trap Made for
will catch 19 out of 20. **POCKET GOPHERS.**

No Danger and Easy to Set. Sure Catch.

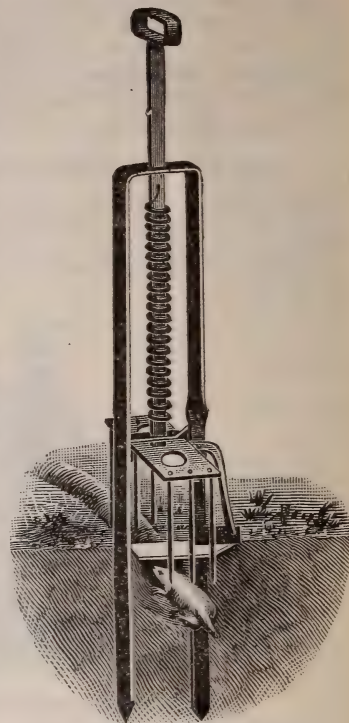
Sample trap, sent postpaid for 25 cts.

Full Directions With Each Trap.

The Reddick Mole Trap is without doubt, all things considered, the best mole trap ever placed on the market. No mole can pass under it and live. It is not only effective, but cheap. Try it and prove its merits. Price, \$1.00.

Barnes Mole or Gopher Trap has been on this market for a few years and sold by thousands. Sure death. Price, \$1.75.

Gopher Gun. Loaded the same and with No. 12 breech loading shot gun shell. Place in hole and bid gopher or mole good-bye. Perfectly safe. Price, \$1.00.



Reddick Mole Trap.

BOOKS.

We offer a list of valuable books for the Gardener, Farmer, Fruit Grower, Bee Keeper, Poultryman, and others in similar lines. Do not fail to inform yourself, by reading some good book on the line you are especially interested in. Any of them will be mailed postpaid at the prices named.

- | | | | |
|--|--------|--|--------|
| A B C of Bee Culture —Root. (cloth)..... | \$1.15 | Low-Cost Poultry House | .25 |
| A B C of Potato Culture —A. I. Root..... | .35 | Manures —F. W. Semper, (paper)..... | .50 |
| Amateur Bee Keeper —Rouse | .25 | Mushrooms, How to Grow Them —William Falconer | \$1.00 |
| American Standard of Perfection —The standard for scoring Poultry | 1.00 | Mushroom Culture —Robinson | .50 |
| Art of Incubation —Von Culin..... | .85 | New Onion Culture —Greiner | .50 |
| Art of Poultry Breeding | .25 | Parsons on the Rose | 1.00 |
| Asparagus Culture —Barnes and Robinson... .. | .50 | Pigeon Queries | .25 |
| Barry's Fruit Garden —A splendid work.... | 1.50 | Practical Fruit Grower —S. T. Maynard.... | .50 |
| Bee Keepers' Guide —Prof. A. J. Cook..... | 1.25 | Principles of Fruit Growing | 1.25 |
| Bommer's Method of Making Manures —A practical and comprehensive guide..... | .25 | Quimby's New Bee Keeping | 1.50 |
| Belgian Hare Breeding | .25 | Reliable Poultry Remedies | .25 |
| Capons for Profit —Greiner | .30 | Small Fruit Culturist —Fuller | 1.00 |
| Celery for Profit —T. Greiner..... | .30 | Strawberry Culturist —Fuller | .25 |
| Dairying for Profit | .25 | Success with Poultry | 1.00 |
| Ducks and Geese | .50 | Silos, Ensilage and Silage —Miles..... | .50 |
| Eggs and Egg Farm | .50 | Spraying for Profit | .15 |
| Farm-Gardening and Seed-Growing —Brill | 1.00 | The Onion Book | .20 |
| Gardening for Profit —Henderson..... | 1.50 | The Rose —Ellwanger | 1.25 |
| Gregory on Fertilizers | .40 | Turkeys, and How to Grow Them | 1.00 |
| Garden and Farm Topics —Henderson | 1.00 | Vegetables Under Glass —Dreer | .25 |
| How to Manage Bees —Vandruff..... | .35 | 500 Questions and Answers | .25 |
| Langstroth on the Hive and Honey Bee. | 1.25 | | |

Remember, we issue Catalogues of Bee Keepers' Supplies, Poultry Keepers' Supplies, Flowering Bulbs, Trees and Shrubbery, all of which are Free. Write for whichever one you want.

PLANT DEPARTMENT.

CHOICEST ROSES

AND OTHER

Beautiful Flowering Plants.

We wish to call the attention of our customers to our select list of Roses and other plants. Our stock is all grown in 2½ and 3-inch pots, is strong and healthy and cannot fail to give satisfaction. We send all plants by mail postpaid, unless ordered otherwise. 5c extra, for postage and packing, must accompany orders for less than 50c worth.



Five cents extra
for Packing and Pos-
tage must accompany
all orders for less than
50 cent's worth of
Plants.

ADMIRAL SET OF

New Ever-Blooming Roses.

Price, 10 cents each. Set of Eight Sorts \$1.25

Admiral Dewey. A fine new hybrid tea rose of largest size and sterling merit. The ground color is a light flesh tint, almost white, suffused with a beautiful blush, deepening to a rosy blush in the center. It is a large, full rose, with broad, heavy petals, beautifully cupped.

Mad. Abel Chatenay. A free bloomer, with flowers of good size and substance. Color, beautiful rosy carmine, with darker shadings.

Lady Dorothy. Color, deep saffron, with very rich shades of orange and chrome yellow in the center, surpassing in coloring the beautiful variety, Sunset.

Virginia R. Coxe. Color, fiery crimson, with a dark velvety sheen, very fragrant. The freest blooming rose in existence.

Liberty. Color, bright flashing crimson-scarlet. Flowers large, broad, shell-like petals of heavy texture, quite double and delightfully fragrant. Blooms in wonderful profusion all the season through.

Clara Barton. Rare shade of amber pink, entirely different from any other rose we know of. An exquisite rose in every way.

Francis E. Willard. A magnificent new white variety, pure in color, full and perfect in form. The buds and flowers are of the very largest size and deliciously fragrant.

Johanna Wessenhoff. This is the finest new yellow bedding rose out. It is a deep golden yellow and grows admirably in the open ground.

Princess Set of Choice New Roses.

Price 15 cents Each; Set of Ten Sorts \$1.00.

General Robert E. Lee. Elegant long, pointed buds of a deep orange yellow. The color is so rich and peculiar as to attract attention wherever seen.

Golden Gate. Creamy white; center and base of petals soft golden yellow, exquisitely bordered with clear rose; buds long and pointed. One of the finest and most beautiful new roses.

Kaiserin Augusta Victoria. Color, pure white. We have no hesitancy in saying that this rose is unequalled by any other variety of its color. A grand garden rose on account of its vigorous growth and hardiness.

Mamam Cochet. This is one of the most beautiful new Tea roses that has been introduced in years. The color is a deep, rosy pink, the inner side of petals silvery rose; makes charming bunches of long-stemmed flowers when cut.

Madame Caroline Testout. A grand new rose of the La France type, but with flowers larger and finer. Color, bright, satiny pink; very fragrant and free in bloom.

Sunset. This grand rose is a favorite wherever known. The color is a rich golden amber, or old gold, elegantly shaded, and buds are extra large, full, finely formed, and deliciously perfumed.

Marquis de Viviers. The color is a beautiful pale yellow, blended with rose, with the edge of each petal bordered with carmine. A fine fancy sort.

Princess Bonnie. Outer petals are a rich, solid crimson, more vivid than "Jack," while the inner side of the center ones at the base is streaked with white.

Souvenir President Carnot. A strong, clean, healthy grower, with handsome, bronze-green foliage, and large, elegantly shaped buds. Color, delicate rosy flesh, shaded a trifle deeper at the center. A very profuse bloomer.

White Mamam Cochet. The name describes this new rose—pure white, grand substance, immense size, exquisitely fragrant and a free bloomer. Buds long and pointed, keeping a long time when cut.

THE QUEEN SET OF EVERBLOOMING ROSES.

Price 10 Cents Each. Set of 14 Sorts, \$1.00.

Belle Siebrecht. A true, solid pink of the richest shade; a rare color. The flowers are sweetly perfumed and large.

Bougere. This is a superb rose; exceedingly sweet tea scent; color, bronze rose, delicately shaded with lilac.

Bon Silene. The buds are very handsome and produced in great profusion. Color, dark, rosy carmine.

Bridesmaid. A fine, clear dark pink, exquisitely formed buds, very large, long and pointed, and borne on stout stems.

Duchess de Brabant. Color, a soft, rosy flesh, changing to deep rose, shaded amber and salmon; delightful tea scent; beautiful buds and flowers.

La France. Both flowers and buds are of grand size. Color, a silvery rose, changing to pink. A general favorite and the sweetest of all Roses.

Madame Francisca Kruger. Color, deeply shaded coppery yellow. One of the finest Roses in existence.

Safrano. Bright apricot yellow, tinged orange and fawn; valued highly for its beautiful buds.

Meteor. Remarkably rich, dark velvety crimson, with no tinge of purple to mar its beauty. Flowers of good size, very double, and slightly recurving.

Perle des Jardins. This magnificent yellow Tea Rose still retains its position as one of the finest and most beautiful Roses of its color ever produced. The color is a clear golden yellow, an indescribably rich and beautiful shade.

Papa Gontier. A magnificent red rose; flowers large and semi-double; a vivid cherry red color, shaded yellow, reverse of petals crimson.

Rainbow. Color, a beautiful shade of deep pink, distinctly striped and mottled with brilliant crimson.

The Bride. The buds are very large and of exquisite form, and the full flower is very double, measuring from $3\frac{1}{2}$ to 4 inches in diameter. Color, pure white.

The Queen. Pure snow white; makes finely formed buds, and is equally beautiful in open flower.

IRONCLAD COLLECTION OF HARDY ROSES.

Price 10 Cents Each. Set of Six Sorts, 50 Cents.

Baron de Bonstetton. Large flowers, color, rich, dark red, passing to deep, velvety maroon.

Conquette des Alpes. A lovely, pure white rose; large, full, finely-formed flowers borne in great profusion.

General Jacqueminot. Bright, shining crimson, very rich and velvety; exceedingly brilliant and handsome.

Mrs. John Laing. Very free flowering, color, a soft, delicate pink with a satiny tinge.

Ulrich Brunner. Extra large, bold flowers full and globular; color, rich, glowing crimson, elegantly flamed with scarlet.

Vick's Caprice. Flowers very large; ground color, soft satiny pink, distinctly striped and dashed with white and carmine. A novelty of great merit. Most desirable for the garden.

MARECHAL NEIL COLLECTION OF CLIMBING ROSES.

Price 10 Cents Each. Set of Six Sorts 50 Cents.

Reine Marie Henriette. Color, glowing crimson, elegantly shaded; very beautiful. One of the best climbers.

Elie Beauvilian. Flowers very large and full; fine silvery rose, tinted coppery yellow.

Empress of China. A true perpetual-blooming, climbing rose. Of rapid growth, bearing handsome, semi-double pink flowers.

Golden Chain, or Climbing Safrano. (Reve d'Or.) Color, orange yellow, or a deep saffron; good size, full and sweet.

Madame Alfred Carriere. Extra large, full flowers, very double and sweet, and a most profuse bloomer; color, rich, creamy white.

Marechal Neil. A magnificent deep, golden yellow variety; so famous as to need no description. Grown the world over.

THE FOUR RAMBLERS.

The Set of Four for 35 Cents.

Crimson Rambler. This is the most decided novelty in roses we have had in years. The flowers grow in great pyramidal panicles, each carrying 30 to 40 blooms. The color is a bright, vivid crimson.

White Rambler. Flowers are pure snow white and sweet scented.

Pink Rambler. Pure, shiny rose; the partially open buds being bright, light carmine, thus producing a strong and pleasing contrast.

Yellow Rambler. A new hardy yellow climbing rose blooming after the same manner as Crimson Rambler, in large clusters.



**JUBILEE SET OF
NEW CARNATIONS.**

Price 15 Cents Each. Set of Ten Sorts, \$1.00.

Minnie Cook. Color, a clear white, delicately and evenly marked bright scarlet; stems long and stiff.

Argyle. A beautiful carmine. It is a vigorous grower, early to come in flower and extremely prolific.

Lily Dean. Flowers are a pure satiny white, and marked and shaded with rosy pink.

Flora Hill. The grandest white and the most prolific bloomer of the Carnation family that has been raised up to this time. The flower is of enormous size, full and double.

General Gomez. Magnificent large flowers of a beautiful, deep, brilliant scarlet-maroon color; pronounced the richest shade of color yet seen in Carnations.

Governor Pingree. A magnificent yellow; strong growth, free blooming from early to late.

MELBA SET OF CHOICE CARNATIONS.

Price 10 Cents Each. 14 for \$1.00.

President Garfield. A fine scarlet variety; very large and bright colored; well-known and popular.

Psyche. A very large, bold, handsome flower, pure white ground, with very delicate margin and penciling of clear pink, making it exceedingly beautiful and attractive.

Puritan. Fine white; large size. very fragrant, and an early and profuse bloomer.

William Scott. The freest blooming of all pink Carnations; every shoot of the strong, bushy plant bears its long, stout stem of fine sweet flowers; color, bright, delicate, rosy pink.

Yellow Jacket. Bright yellow, splashed and edged scarlet. Very fine bedding sort.

Rose Queen. This variety has been greatly admired wherever it has been seen for its desirable color, being a beautiful, delicate shade of pink.

Tidal Wave. A very attractive shade of carmine not heretofore seen in the Carnation family; flowers extremely double, and of the most perfect form.

Meteor. Rich cardinal crimson; remarkably handsome and delightfully scented; a constant and profuse bloomer.

Mrs. Fisher. Flowers large, full and fragrant; very prolific; nice, erect grower; pure white.

Portia. Intense bright scarlet; vigorous constitution; very free flowering; one of the best sorts in cultivation.

Dr. Smart. Ground color, cream white, suffused and margined with bright crimson; deliciously fragrant and very free.

Evaline. One of the finest of all white Carnations, either for open-air culture or winter flowers.

Lizzie McGowan. Flowers very large, pure white, beautifully fringed and very fragrant; pure in color.

Melba. Pink, between Daybreak and William Scott in shade; a strong, healthy grower; an early, free and continuous bloomer.

EARLY LARGE-FLOWERED CHRYSANTHEMUMS.

Price 10 Cents Each. 14 Sorts \$1.00.

George W. Childs. No Chrysanthemum has created such a sensation as this; of immense size and of the richest deep, velvety crimson; winner of four gold medals.

Golden Trophy. Deep, bright, golden yellow, of shining texture; very large, bold flowers, with lovely twisted petals.

Ivory. Snowy white, of perfect in-curved form, very large; this is undoubtedly one of the most useful varieties ever introduced.

J. E. Lager. Very early yellow reflexed Japanese, of good size, color and substance.

John Shrimpton. Velvety crimson; a grand Japanese reflexed variety of magnificent form, much superior to Cullingfordii.

Midge. Snowy white, high built, incurved bloom. A beautiful flower. Best from terminals; grown cool.

Mrs. A. J. Caton. A large, incurved Japanese; color, bright bronze, shaded red on inside of the petal; growth and stem fine; foliage of great beauty.

Rose Owen. A very early and very large, pure pink variety. Fine double flowers on a stiff stem, an excellent keeper and very valuable for early cut flowers.

Source de Or. Golden twisted flowers tipped yellow and shaded with brown. One of the most satisfactory for general planting.

Wm. Simpson. Color, a pleasing shade of lavender pink; very free in growth, with good stem and foliage; the best early pink.

Madame Bergman. Early, white; coming into bloom the first week in October; a fine, incurved flower.

Marion Henderson. A handsome yellow variety of pure tint; splendid in size and form, and a magnificent addition to the very early varieties.

Merry Monarch. A very large, early white variety; one of the finest for open-air culture.

Mrs. J. G. Whilldin. A handsome yellow variety of light tint; fine, large size and splendid form.

FINEST DOUBLE GERANIUMS.

10 Cents Each. Seven Sorts, 50 Cents.

Mary Hill. The finest pure pink variety we know of. The shade is quite even; soft and bright, has a distinct white eye.

Madame Hoste. Flowers of enormous size; color, flesh, lined and shaded salmon. One of the finest varieties in existence.

Bruant. A fine bedding variety; color, bright vermilion red of a most pleasing shade. Trusses very large, often measuring six inches in diameter.

Le Cid. Rosy carmine, shaded to scarlet; very beautiful bedding variety.

La Favorite. Trusses very large. Flowers pure snow white, even when planted in the open ground. Very floriferous.

S. A. Nutt. The best of the rich, dark crimson varieties. Trusses massive and in great numbers.

A. Fleurot. Dark garnet, with orange red marking. Very free.

FINEST SINGLE GERANIUMS.

10 Cents Each. Seven Sorts, 50 Cents.

Mrs. E. G. Hill. Color, clear salmon, with a white center.

Monsieur P. Olombel. Rich vermilion scarlet, shaded orange; an attractive variety; carrying immense spherical trusses of flowers.

Perle. Trusses large and of perfect form; color, pure snowy white.

Protee. Clear, silvery lilac, passing to light pink; extra fine.

Queen Olga. Flowers bright pink, upper petals shaded to white.

Sam Sloane. An extra fine velvety crimson variety, carrying immense trusses.

Soliel Cochant. Large flowers of a yellow, scarlet color; the finest of the yellow.

SUPERB DOUBLE FRINGED PETUNAS.

10 Cents Each. Set of Six Sorts, 50 Cents.

Fantasy. A grand variety, deeply fringed, large, and very double, pure white irregularly splashed with violet.

Sea Foam. For purity of color, form, size and vigor of growth, this variety is unsurpassed in double white Petunias. (See cut.)

Bonnie. Ground color silvery white, with great purple blotches, deeply fringed.

Triumph. A fine variety, fringed, very double, clear white, with a beautiful shade of violet in the center.

Champion. A unique and beautiful variety, light lavender pink with white edges, veined and marbled with brownish crimson.

Edna. Deep violet crimson, mixed with white, clear white on the edges of the petals.

SIX ELEGANT FUCHSIAS.

Price 10 Cents Each. Six Sorts 50 Cents.

Monstrosa. The freest-flowering double white variety; extra fine.

Phenomenal. The largest fuchsia that grows; tube and sepals bright coral red; corolla rich violet purple; a very popular sort.

Storm King. Another general favorite; very graceful habit, and it bears double white flowers in great profusion.

Black Prince. A strong grower and free bloomer; sepals dark red; corolla rose vermilion, tinted violet; an extra fine variety.

General Roberts. Flowers very large, borne in clusters; the corolla is a rich plum color, tube and sepals crimson; one of the finest varieties.

Annie Earl. A beautiful new sort; corolla clear carmine; sepals waxy white.

BEGONIAS.

Price 10 Cents Each. Six Sorts 50 Cents.



Argentea Guttata. Wine-colored leaves, oblong in shape, with silvery spots; white flowers on the tips of the stems.

Duchess of Edinburg. White, tinged with rose; very handsome and a constant bloomer; large flowers.

Bertha de Chateaurocher. The freest flowering begonia we have. Makes a handsome window plant, with its glossy green leaves and bright red flowers.

Metallica. A fine, erect begonia, with dark, rough leaves; the surface is a lustrous bronze green; veins depressed and dark red in color.

President Carnot. Foliage in style of Rubra, but more than twice as large; upper side deep green; under side purple; flowers coral red, in large panicles.

Vernon. The flowers are of an intense deep red color, the foliage is very abundant, stiff and glossy, of a fine green color; very beautiful.

FRENCH CANNAS.

Where brightest and most imposing effects are desired in bedding, the Canna is unequalled. Recent years have wrought wonderful improvement in the Dwarf French race, increasing its beauty a hundred-fold. Price, 15 cents each; set of 4 fine sorts, 50 cents.

Columbia. Richest shade of bright red.

Eldorado. The grandest yellow variety.

Flamings. Intense, glowing crimson.

Madam Crozy. Vermilion bordered golden yellow.

PELARGONIUMS.

Price 15 Cents Each. 4 for 50 Cents.

These are commonly known as the Lady Washington Geraniums. When in bloom, during the summer months, they are very beautiful and ornamental, either as pot plants or in the garden.

Countess. Very large flowers of a distinct shade of creise salmon; upper petals splashed with maroon.

Carnival. A lovely shade of brightest pink, grandly feathered with dark velvety crimson.

Dr. Masters. Rich crimson, with very large black blotches on both the upper and lower petals.

Rock's Seedling. Flowers very large bright scarlet; upper petals blotched velvety black.

HELIOTROPES.

These plants are universal favorites on account of their delightful fragrance. Flowering equally well as bedding plants in the summer, or as pot plants in the house during the winter. Price, 10 cents. Set of 4 sorts, 35c.

Albert Deleau. Bright golden yellow foliage, marked with delicate green; deep lavender-colored flowers.

Le Glain. Light blue, white eye; trusses enormous.

Queen of Violets. Very large and fragrant; color, deep violet purple, with white eye.

White Lady. Flowers large, of the purest white.

COLEUS.

The best ornamental foliage plants for summer bedding. Their varied tints of crimson, gold, bronze and green, richly blotched, veined or margined, produce a brilliancy of color unequalled. Our collection embraces more than 25 beautiful ones, and customers can rely on getting only the best selection. 10 cents each. Seven fine sorts. 50c.

MAMMOTH VERBENAS.

The Verbena is, next to the Geranium, the most popular of all bedding plants. They commence to flower and spread the first day the plants are set out, and continue growing more beautiful until late in the fall. The new mammoth strain are noted for their robust growth and immense flowers. The colors range through the different shades of blue, pink, scarlet, white, purple, crimson and some variegated. Price, 8 cents each. Eight beautiful sorts, 50c.

SWEET SCENTED VIOLETS.

Of all the delightful perfumes that of the sweet violet is the most delicate and pleasing, and places this modest flower among our greatest favorites. They commence to bloom as soon as cool weather comes in the fall and if protected by a frame will continue flowering all winter and spring. All are perfectly hardy without protection and if so treated produce thousands of fragrant flowers after spring opens up and until warm weather sets in.

Admiral Avelan. Single, bright red, very distinct.

New California. Very large, single, bright blue variety.

Alaska. Deep violet purple; double.

Marie Louise. Lovely violet blue; double.

Princess of Wales. Single purple of largest size.

Swanley White. Beautiful double white flowers.

NEW WEEPING LANTANA.

A beautiful new ever-blooming plant for baskets, vases, pots, or for culture outdoors. Produces its clear, lilac-pink flowers in clusters by the hundreds from early summer until severe frosts. Deliciously fragrant. Has a most graceful, drooping habit of growth. A superb new plant. 15 cents each.

MISCELLANEOUS PLANTS.

Sprengeri (Emerald Feather).—A most desirable new species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently four feet long, are of a rich shade of green and most useful for cutting, retaining their freshness after being cut for weeks. 15 cents each.

Alyssum Double Giant. A fine summer-blooming plant, bearing fragrant double white flowers in clusters. Dwarf habit and very symmetrical. 10 cents each.

Ipomea Grandiflora. The true large flowering moonflower. 10 cents each.

Marguerites (Paris Daisies.) Excellent bedding plants, blooming profusely all summer. Two sorts, yellow and white. 10 cents each.

Mexican Primrose. Flowers about two inches in diameter, of a clear pink color, veined with scarlet, and with a white center. Almost constantly in bloom; very desirable. 10 cents.

Manettia Bi-Color. A beautiful free-growing vine, with small, tubular shaped flowers of a rich fiery scarlet, shading off into a bright yellow at the tip of the flower. 10 cents each

Calla Lily. An old and well known house plant; white trumpet-shaped flowers. 10 and 25 cents each.

Obconica. A lovely new perpetual blooming Primrose; flowering nearly every month in the year. The flowers are borne in loose trusses; delicate rosy lilac, shaded to white. 15 cents each.

Chinese Primrose. One of the best of all the plants we cultivate for winter flowers, and most worthy of recommendation for window gardening. White, pink and scarlet. 15 cents each.

Smilax. A very graceful climber, having delicate and dense foliage and growing freely in any situation. Used largely in cut flower decorations. 10 cents each.

Saxafrage Tormentosa. The beefsteak or strawberry geranium; fine for baskets, etc. 10 cents each.

Salvia Splendens. Among the finest summer and fall blooming plants, long spikes of scarlet flowers. 10 cents each.

Tuberoses. Sweet scented white flowers in large spikes. 10 cents each.

Umbrella Plant. Rush-like stems, with long, narrow leaves radiating from the summit at right angles, drooping in an umbrella form. 10 cents each.

Wandering Jew, or Joseph's Coat. Excellent basket or vase plants, with beautifully marked foliage. 10 cents each.

HARDY PLANTS.

	Each.
Japanese Anemones .....	.15c
English Primrose .....	.15c
Daisy. Snow Crest .....	.10c
Gailardia Grandiflora .....	.15c
Helianthus Multiflorus .....	.10c

	Each.
Double Hollyhocks .....	.15c
Forget-Me-Not .....	.10c
Paeonies .....	.30c
Perennial Phlox .....	.15c
Rudbeckia Golden Glow .....	.15c

HARDY SHRUBS.

	Each.
Clematis Jackmanii .....	.75c
Clematis Paniculata .....	.35c
Calycanthus .....	.35c
Dutzia .....	.35c
Honeysuckle .....	.35c
Hydrangea Paniculata .....	.35c

	Each.
Lilac .....	.35c
Purple Wisteria .....	.40c
Spiraea .....	.35c
Snowball .....	.35c
Virginia Creeper .....	.35c
Wiegelia .....	.35c

NURSERY DEPARTMENT.

Our complete Nursery Catalogue, which contains a list with short description of fruit, shade and ornamental trees, shrubs, climbers, etc., is issued in the fall, and we should be pleased to mail it to any one who is thinking of purchasing a stock of trees. We simply give below a condensed price list.

APPLES.

2 yr. old, 5 ft. and up, per 10, \$2.00; per 100, \$15.00
1 yr. old, 4 ft. and up, per 10, 1.50; per 100, 12.50
1 yr. old, 3 ft. and up, per 10, 1.25; per 100, 10.00

APRICOTS.

1 year, 3 to 4 feet, per 10, \$1.50; per 100, \$12.50
1 year, 4 to 6 feet, per 10, 2.00; per 100, 17.50

CHERRIES.

1 year, 3 to 4 feet, per 10, \$1.50; per 100, \$12.00
2 year, 4 to 6 feet, per 10, 2.00; per 100, 15.00

PEARS.

1 year, 3 to 4 feet, per 10, \$1.50; per 100, \$12.50
2 year, 4 to 6 feet, per 10, 2.50; per 100, 20.00

PEACHES.

1 year, 3 to 5 feet, per 10, \$2.00; per 100, \$15.00

PRUNES AND PLUMS.

1 year, 4 to 6 feet, per 10, \$1.50; per 100, \$12.50
2 year, 5 to 7 feet, per 10, 2.00; per 100, 15.00

GRAPES.

1 year, per 10, \$1.00; 2 years, 15c each.
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CURRANTS.

Per doz. 50c to 75c; Per 100, write for price.
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RASPBERRIES AND BLACKBERRIES

Per doz. 50c to 75c; Per 100, write for price.
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GOOSEBERRIES.

Per doz. 75c; Per 100, \$5.00.

STRAWBERRIES.

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Papa Gontier. Brilliant carmine, changing to pale rose; reverse of petals purplish red; large, beautifully formed buds.

William Allan Richardson. Color, rich coppery yellow, flushed with carmine, a very beautiful variety, having few equals.

Ulrich Brunner. This is a magnificent rose; extra large, bold flowers, full and globular; color, rich, glowing crimson, elegantly flamed with scarlet.

Gloire de Dijon. Mammoth size flowers; delicate tea scent, blending, amber, carmine and cream. A magnificent climber, and one of the finest varieties in existence.

Madame Alfred Cassier. Rich creamy white, faintly tinged pale yellow. Very double and sweet, and a most profuse bloomer.

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Madame Caroline Testout. Bright, satiny pink; very fragrant and free in bloom. One of the handsomest of the La France type.

Marie Van Houtte. Creamy white, with the outer petals washed and outlined with bright rose.

Perl des Jardenes. Rich shade of yellow; very perfect and beautiful in form.

Niphetos. No other rose bears such large, graceful snow-white buds; remains in perfect form for many days.

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