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6261
A. D. Perry & Co's
TWENTYSECOND ANNUAL SEED CATALOGUE

FOR
1892



SEEDS,
HARDWARE,
IMPLEMENTS,
DRAIN TILE, & C.

A. D. PERRY.
F. HEBELING.

217 WARREN STREET,
OPPOSITE
NEW POST OFFICE

SYRACUSE, N. Y.



WE call your attention to our Premium List on pages 14 & 15. They are offered for small amounts in order that every customer may secure one or more of them.

The "WESTERN GARDEN" is an excellent paper worth double the subscription price.

The Picture we offer "OUR FAVORITE FLOWER" is fine enough to adorn any parlor.

Our collection of Seeds are among the best produced this season.

Please read our Catalogue carefully and you will find many items of value.



SEEDS BY MAIL.

To any part of the United States, 1 cent for every two ounces or fractional part of an ounce. We Guarantee the safe arrival of seeds at your postoffice if money is enclosed with order.

USEFUL TABLES.

Number of Plants Produced from One Ounce of Seed as Follows:

	Plants.		Plants.
Asparagus.....	about 500	Kale.....	about 2,000
Broccoli.....	" 2,000	Leek.....	" 1,000
Cabbage.....	" 3,000	Lettuce.....	" 3,000
Cauliflower.....	" 4,000	Pepper.....	" 2,000
Celery.....	" 4,000	Sage.....	" 1,000
Egg Plant.....	" 1,000	Tomato.....	" 3,000
Endive.....	" 3,000	Thyme.....	" 5,000

Number of Plants to the Acre at the following distances apart.

Distances apart.	No. of Plants to Acre.	Distances apart.	No. of Plants to Acre.
1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.....	1,210
1½ " 1½ ".....	19,360	8 " 8 ".....	680
2 " 1 ".....	21,780	9 " 9 ".....	537
2 " 2 ".....	10,898	10 " 10 ".....	435
2½ " 2½ ".....	6,969	12 " 12 ".....	302
3 " 1 ".....	14,520	15 " 15 ".....	193
3 " 2 ".....	7,260	18 " 18 ".....	134
3 " 3 ".....	4,840	20 " 20 ".....	103
4 " 4 ".....	2,722	25 " 25 ".....	70
5 " 5 ".....	1,742	30 " 30 ".....	48

Quantity of Seeds required for a given number of Plants, or number of Hills, or length of Drills.

Asparagus.....	1 oz. to 60 ft. drill	Parsnip.....	1 oz. to 100 ft. drill
Beets.....	1 oz. to 50 ft. drill	Peas.....	1 qt. to 100 ft. drill
Beans, dwarf.....	1 qt. to 150 hills	Pumpkin.....	2 qts. per acre
Beans, Pole.....	1 qt. to 100 hills	Radish.....	1 oz. to 100 ft. drill
Carrot.....	1 oz. to 150 ft. drill	Sage.....	1 oz. to 100 ft. drill
Cucumber.....	1 lb. per acre	Salsify or V. Oyster.....	1 oz. to 70 ft. drill
Corn.....	1 qt. to 400 hills	Spinach.....	1 oz. to 100 ft. drill
Watermelon.....	1 oz. to 30 hills	Squash, early.....	1 oz. to 60 hills
Muskmelon.....	1 oz. to 60 hills	Squash, Marrow.....	1 oz. to 16 hills
Onion.....	1 oz. to 100 ft. drill	Turnip.....	1 oz. to 150 ft. drill

TABLE

Showing Quantity of Seed Usually Sown to the Acre.

Herd's Grass or Timothy.....	¾ to 1 bush
Red Top.....	2 to 2½ bush
Red Clover.....	10 to 15 lbs
White Clover.....	6 to 10 lbs
Lucerne or Alfalfa.....	15 to 20 lbs
Yellow Sand Clover.....	10 to 15 lbs
Aistke Clover.....	5 to 10 lbs
Orchard Grass.....	2 bush
Blue Grass.....	2 bush
Sweet Vernal.....	1 to 1½ bush
Wheat.....	2 bush
Buckwheat.....	¾ to 1 bush
Carrot.....	2½ to 3 lbs
Beet.....	4 to 6 lbs
Parsnip.....	3 to 5 lbs
Onion.....	5 to 6 lbs
Turnip.....	1 lb
Beans.....	1 to 1½ bush
Peas.....	2½ to 3 bush
Oats.....	2 to 3 bush
Rye.....	1 to 2 bush
Millet.....	¾ to 1 bush

Showing Average Weight of Seed Per Bushel.

Timothy.....	42 to 44 lbs
Red Top.....	14 lbs
Clover.....	60 lbs
Orchard Grass.....	14 lbs
Blue Grass.....	14 lbs
Pumpkin Seed.....	27 lbs
Beans.....	62 lbs
Peas.....	60 lbs
Flax Seed.....	56 lbs
Barley.....	48 lbs
Corn.....	56 to 60 lbs
Buckwheat.....	48 to 50 lbs
Rye.....	56 lbs
Millet.....	50 lbs
Hungarian.....	48 lbs
Sweet Corn.....	50 lbs
Wheat.....	60 lbs
Onion.....	56 lbs
Sweet Vernal.....	10 lbs
Carrot Seed.....	20 lbs
Radish Seed.....	48 lbs
Potatoes.....	62 lbs

Average Vitality of Seed, Based on Perfect Stock.

GOOD FOR ONE YEAR.—Leek, Onion, Parsnip.
 GOOD FOR TWO YEARS.—Beans, Carrots, Egg-Plant, Okra, Peas, Pepper, Rhubarb, Sage, Salsify, Thyme.
 GOOD FOR THREE YEARS.—Asparagus, Endive,

Lettuce, Parsley, Radish, Spinach.
 GOOD FOR FOUR YEARS.—Broccoli, Cabbage, Cauliflower, Celery, Turnip.
 GOOD FOR FIVE YEARS.—Beet, Cucumber, Melon, Pumpkin, Squash, Tomato.



ASPARAGUS.



DEWING'S BLOOD TURNIP BEET.



ECLIPSE BEET.

ASPARAGUS, Spargel.

Add Nine Cts. per pound for postage. On Vegetable

Seed per Package 5 Cents.	Per oz.	Per lb.
Barr's Mammoth.....	10	\$0 75
Palmetto, "new" true stock.....	10	75
Conover's Colossal.....	10	40
Moore's Cross Bred, Roots per 100	\$1.00	
Roots of other varieties, per 100...	1 00	

BEET, Runkel Rube.

	Per oz.	Per lb.
Edmand's Ex. Early Turnip.....	10	\$0 60
Black Queen, "new".....	10	1 00
Arlington, "new".....	10	1 00
Faust Early Crimson.....	10	60
Early Bastian or Lentz.....	10	60
Eclipse Beet.....	10	60
Egyptian Turnip, extra early.....	10	60
Bassano, early.....	10	50
Dewing's Ex. early blood Turnip Beet	10	50
Improved Long Blood.....	10	50
Mammoth Long Red Mangel.....		30
White Sugar, Fred Knauer's variety		30
Yellow Mammoth or Intermediate..	10	40
Yellow Oval, Glant.....	10	30
Yellow Globe Mangel.....		30
Golden Tankard.....	10	30
Taber's Gate Post, new Mangel....	10	40
Swiss Chard, for greens.....	10	60

BIRD SEED, Etc., Vogelsaamen.

Add 9 cents per pound by mail.

Cuttle Bone.....	per oz.	05
Canary, best grades only.....	per lb.	10
Hemp, recleaned.....	"	10
Rape.....	"	10
Millet.....	"	10
Maw.....	"	25
Silver Washed Gravel.....	per package	10
Mocking Bird Food.....	per bottle	30
Bird Song Restorer.....	"	25

BEANS, (Bush), Garten Bohne.

Add 18 cents per quart for Beans by mail.

	Per Quart.	Per Bush.
Perry's Detroit Wax.....	\$0 30	\$6 00
Flageolet Wax.....	30	6 00
Wardwell's Kindey Wax.....	30	6 00
White Wax.....	30	5 00
Black Wax, Yellow pod.....	30	5 00
Golden Wax.....	30	6 00
Golden Eyed Wax.....	30	6 00
Early Refugee Wax.....	40	6 00
Early Stanton.....	30	4 00
Early Long Yellow, six weeks...	20	4 00
Henderson's Bush Lima.....	50	10 00
Dwarf Horticultural.....	20	5 00
Improved Valentine.....	20	4 00
Mohawk, one of the earliest.....	20	4 00
China Red Eye.....	20	4 00
Improved Refugee, pickling bean	20	4 00
Best of All.....	20	4 00
White Kidney.....	20	3 00
White Marrow.....	20	3 00
Boston Favorite.....	20	3 00

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JERSEY WAKEFIELD.

BEANS, (Pole or Runners), Bohne.

	Per Qt.	Per Bu.
Dreer's Golden Cluster Wax.....	\$0 40	\$8 00
Black Wax, yellow pod.....	30	6 00
Giant Wax.....	40	8 00
Lazy Wife, Pole.....	25	6 00
Early Jersey Lima, "new".....	40	8 00
Washington Market Lima.....	40	8 00
Ford's Mammoth Pod Lima.....	40	8 00
Large White Lima.....	40	7 00
Sjeva Lima, small.....	40	7 00
Platt's King of the Garden Lima....	40	8 00
Cranberry, Speckled or Goose Egg		
Case Knife, white, flat, string or		
dry bean.....	30	6 00
Scarlet Runner.....	40	8 00
White Runner, fine shell beans....	30	6 00
Brown Windsor.....	60	

BORECOLE or Kale.

	Per oz.	Per lb.
Green Curled Scotch or Sea Kale....	\$0 10	\$1 00
Cabbage, brown or green.....	10	1 00

BROCCOLI, Spargel-Kohl.

Early, large (French).....	per oz.	30
South Hampton.....	"	30

BRUSSELS SPROUTS,

	Per oz.	Per lb.
Dwarf, fine, French.....	\$0 20	\$2 00

BROOM CORN.

Evergreen.....	per bush	\$4 00
Dwarf.....	"	4 00

CAULIFLOWER, Blumen-Kohl.

	Per oz.
Long Island Beauty.....	\$2 00
Snowball, extra, small leaf, fine.....	2 00
Benary, best Erfurt.....	4 00
Dwarf Erfurt, first quality.....	2 00
Denmark, for trial.....	2 00
Half Early Paris, large and fine heads.....	80
Lenormand's, extra large.....	80
Favorite.....	2 00



THE ERFURT CAULIFLOWER.

CABBAGE, Kopf-Kohl.

Our stock of Cabbage is selected from the best growers known to the trade.

	Per oz.	Per lb.
Henderson, early summer.....	\$0 25	\$2 50
Winningsstad, heads hard and early	20	2 00
Filderkraut.....	20	2 00
Sure Head Cabbage.....	20	2 00
Gregory, all season Cabbage.....	20	2 00
Early Jersey, Wakefield, first quality	30	3 00
Succession.....	25	2 50
Early Ox Heart, French.....	20	2 00
Perry's Premium Brunswick.....	30	3 00
Fotler's Brunswick, American stock.	30	2 00
Extra Flat Dutch.....	15	1 50
Perry's Premium Flat Dutch.....	30	3 00
Drumhead, (American Improved)....	20	2 00
Early, Dark Red, Pointed.....	20	2 00
Red Dutch, "Erfurt".....	20	3 00
Large Red Drumhead.....	20	3 00
Large Auber Savoy, "new".....	30	3 00
Globe Savoy.....	20	2 50
Victoria Savoy.....	30	3 00
Dwarf Savoy.....	20	2 00
Stonemason Drumhead, winter.....	25	2 50
Marblehead, Mammoth.....	20	1 50
Bergen, large, very fine.....	30	3 00



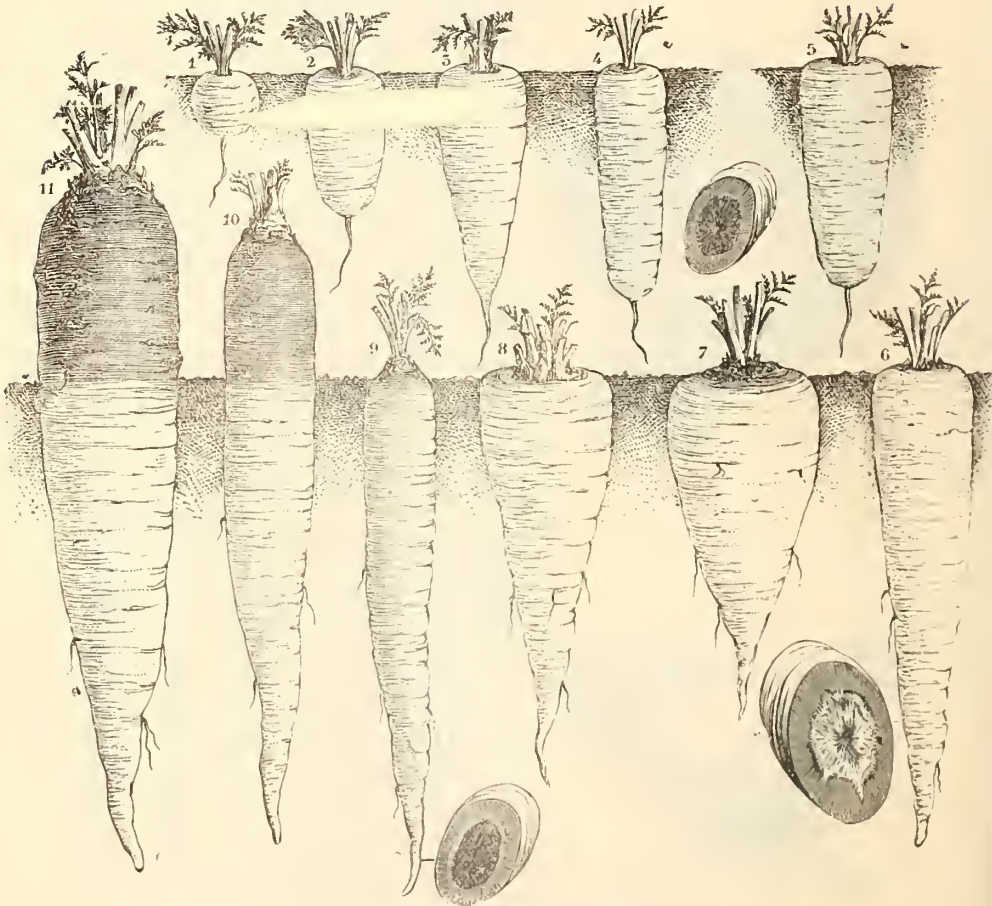
PREMIUM BRUNSWICK, SHORT STEM.

Bei uns wird Deutsch gesprochen.

CARROTS, Gelbe Rüben.

All Carrots 10c. an ounce or $\frac{1}{4}$ lb. 20c.

	PER OZ.	PER LB.
No. 1. Early forcing, nearly round.....	\$0 10	\$0 80
" 2. Early Horn.....	10	80
" 3. Half Long Scarlet, pointed.....	10	80
" 4. Half Long Nantes.....	10	80
" 5. Half Long Danvers.....	10	80
" 6. Long Orange, improved, below ground.....	10	80
" 7. Large White Vosges, for cattle.....	10	80
" 8. Half Long Pointed, James' new.....	10	80
" 9. Altringham, red for butter.....	10	80
" 10. Long Orange, green top.....	10	80
" 11. Large White Belgian, extra large.....	10	50
" 12. Chantenay, Half Long.....	10	80
" 13. Wates Giant White Green Top, new.....	10	70
" 14. Red Long Meaux, fine.....	10	80



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LEEK, *Lauch.*

	PER OZ.	PER LB.
London, broad flag...	\$0 20	\$2 00
Large Rouen.....	20	2 00

LETTUCE, *Salat.*

Oak Leaf, new.....	per package 10 cents.	
Hamilton Market Head.....	20	1 50
Lacinatus Beauregard, new, fine.	20	1 50
Chartier's New.....	20	2 00
Onondaga Market Garden, very best in use, see novelties....	20	2 00
Green Fringed, or Red Fringed.....	20	1 50
Boston Market.....	20	1 50
Boston Curled, fine for hot-bed.....	20	1 50
Early Curled Simpson.....	20	1 50
Early Curled Silesian.....	20	1 50
Our Forcing, new, white head.....	20	1 50
Golden Stone.....	20	2 00
Ice Drumhead.....	20	1 50
Hanson Head, excellent out-door sort.....	20	1 50
Batavia Brown Head.....	20	1 50
India or Prize Head.....	20	1 50
Tennis Ball, small, for family use, white and black seeded.	20	1 50
White Cos.....	paper 5 cents.	
Deacon Head, new, very fine family lettuce.....	20	2 00
Satisfaction.....	20	2 00

MUSK MELON, *Melone.*

Surprise, round, yellow fleshed, medium size.....	10	75
Miller's Cream, very fine.....	10	75
Emerald Green.....	10	75
Orange Christiana, "fine netted," yellow flesh.....	10	75
Osage, large western.....	10	75
Pineapple.....	10	75
Nutmeg, fine netted, extra early green, rich and sweet.....	10	75
White Japan.....	10	75
Cassaba, pointed, thick fleshed....	10	75
Bay View, large, green fleshed, fine for a large melon.....	10	75
Large Nutmeg or Improved Cante- lope, very fine, for marketmen..	10	75
Pomegranate.....	25	
Montreal Market Musk.....	10	75
Hackensack, very fine.....	10	75

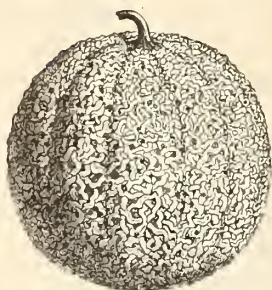


NEW SURPRISE MUSK MELON.

WATERMELON, *Wassermelone.*

The Gregg.....	10	50
Green and Gold, new, fine.....	10	50
Seminole.....	10	50
Cuban Queen Extra.....	10	50
Phinney's Early, red flesh and solid, very prolific.....	10	50
Haskell's Excelsior, large and solid to centre, extra quality...	10	50
Mountain Sweet, old favorite.....	10	50
Mountain Sprout.....	10	50
Black Spanish, round, dark green, with red flesh.....	10	50
Icings or Ice Cream, white seeded.....	10	50
Green Citron, for preserves.....	10	50
Scaly Bark, new, highly recommended.....	10	50
Kolb's Gem.....	10	50
Iron-clad.....	10	50
Georgia Rattlesnake.....	10	50

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SKILMAN'S NETTED.



WHITE GLOBE ONION.



BELL OR OX HEART.

MUSHROOM SPAWN.

Per Box.....\$1 00

MUSTARD, Senf.

	Oz.	Lb.
White.....	\$0 05	\$0 20
Brown.....		20

MARTYNIA.

	Oz.
Martynia Pickles.....	40c

NASTURTIUM, Kapusinerblume.

Tall. (see Flower seed).....	10
Dwarf.....	15

OKRA or GUMBO, Essbarer.

Dwarf, white..... 10

ONION, Zwiebel.

Yellow Danvers, best stock..	\$0 15	\$1 75
Globe Danvers, best stock..	15	2 00
Early Red, extra early.....	15	1 50
Southport Red Globe.....	15	2 00
Large Red Wethersfield....	15	1 50
White Silverskin.....	20	2 50
Southport White Globe.....	20	2 50
White Tripoli, novelty.....	20	2 50
Giant Rocca.....	20	2 00
Mammoth Silver King "nov- elty".....	20	....
New Queen, "novelty".....	20	....
Top Onion Sets, Bolton, Yellow, White, Potato,		} Market Price.

PARSLEY, Petersilie.

Champion Moss Curled.....	10	75
Fern Leaved.....	10	75

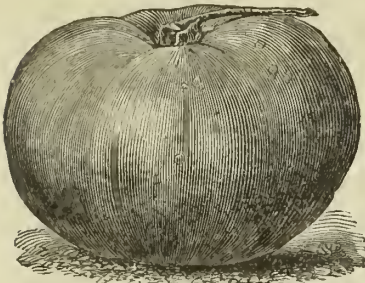
PARSNIP, Pastinake.

Long White.....	10	50
Hollow Crown, best for gen- eral use.....	10	50
Sutton's Student.....	10	50

PEPPER, Pfeffer.

Chili, very small, for Pepper Sauce.....	25	2 00
Bell or Ox Heart, rind thick, extra large.....	25	2 00
Ruby King, extra large.....	25	2 00
Cayenne.....	25	2 00
Mountain Sweet, used for stuffed pickles.....	25	2 00
Golden Dawn, yellow.....	25	3 00
Golden Queen.....	25	3 00
Celestial, new, novelty.....	30	3 00
Red Cluster.....	25	3 00

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SCOVILLE'S HYBRID.

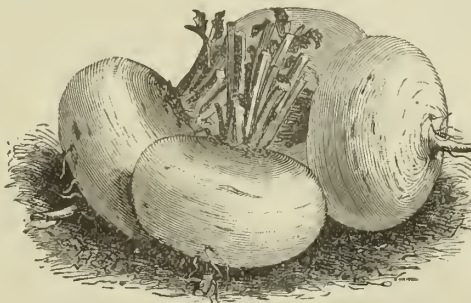
TOMATO, *Liebesapfel*.

Per oz. Per lb.

Plentiful, new, 25 cts. packet.		
Ignotum, new.	\$0 25	\$2 50
Prelude Extra Early.....	25	2 00
Canada Victor.....	20	2 00
Dwarf Champion.....	25	2 50
Scoville's Hybrid.....	25	2 00
Livingston's Beauty, 5c paper	25	2 00
Livingston's Favorite, early..	20	1 75
Climax, extra quality.....	20	2 00
Acme, true, extra stock.....	20	2 00
Lotrillard.....	25	2 00
Cardinal.....	20	2 00
Golden Trophy.....	20	2 00
Low's Essex Hybrid.....	20	2 00
Trophy, large and solid, true.....	20	2 00
Hathaway's Excelsior.....	20	2 00
Paragon.....	20	2 00
Perfection.....	20	2 00
Strawberry or Ground Cherry.....	5c. paper.	
Yellow Plum.....	5c. paper.	
Purple Husks.....	5c. paper.	
Currant Tomato.....	5c. paper.	

TURNIP, *Steckrübe*.

Purple Top, flat strap leaf.....	10	40
Mammoth Purple Top Globe.....	10	40
Golden Ball, or Orange Jelly.....	10	40
White Norfolk, large, fine summer, globe shape.....	10	40
Early Stone.....	10	40
White Dutch.....	10	40
Yellow Aberdeen.....	10	40
White Sweet Waldo, one of the finest Rutabagas.....	10	60
Skirving's Rutabaga, Purple Top.....	10	40
Carter's Improved Swede Yellow.....	10	40
Lang's Improved Swede.....	10	40



EARLY STONE TURNIP.

SWEET HERBS.

Sage, English, \$2.00 lb.....	5c paper.	Thyme.....	5c paper.
Rue.....	5c "	Sweet Fennel.....	5c "
Balm.....	5c "	Saffron.....	5c "
Sweet Marjoram.....	5c "	Caraway.....	5c "
Summer Savory.....	5c "	Dill.....	5c "
Rosemary.....	5c "	Borage.....	5c "
Lavender.....	5c "	Rhubarb Victoria.....	5c "

Bei uns wird Deutsch gesprochen.



Painted from Nature by John Miller. One-half Natural Size. Engraved in 15 Colors by the Stecher Litho. Co., Rochester, N. Y.

OUR FAVORITE FLOWERS.—This splendid picture represents a vase of 25 varieties of the most beautiful flowers, executed in the highest style, and should not be classed among the common flower chromos made a few years ago. It is a picture worthy of the choicest place in any house or among the finest collections. Painted by one of our best artists on flowers. Each flower stands out in bold contrast with its neighbors, and is true and lifelike. Size of picture 21 x 28 inches. We will mail free, one of these beautiful pictures to any person sending us a cash order for **Dollars** worth of flower or garden seeds at Catalogue prices.



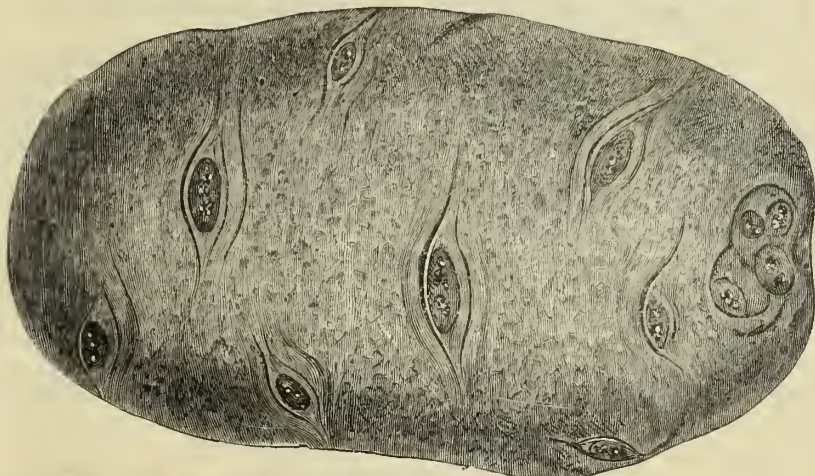
YOUR ATTENTION

Is specially directed to that deservedly popular gardening paper, the **WESTERN GARDEN**, published at Des Moines, Iowa. It is a twenty-page monthly, filled with practical, seasonable information, for everyone who has a Vegetable or Flower Garden, or who grows **Small Fruit**, either for market or home use. An **Inquiry Department**, a **Home Department** and a **Poultry Department**, are of special interest, while in the **Exchange Column**, subscribers have free advertising of exchanges desired. Well illustrated; contains reports from the most successful cultivators and best writers; keeps readers posted on all new varieties, devices and experiments, and is a **Complete Journal of Horticulture** at the low price of fifty cents per year. Sample copy free by addressing the publishers.

The *Western Garden* will be mailed free to any person who sends us \$2.00 for flower or garden seeds at Catalogue price and say they want the paper.

On the back cover of this Catalogue will be found a fine collection of vegetables, the seeds of this collection, twenty-five varieties, we offer for \$1.00 post paid. We also give you the privilege to substitute any other varieties of same value, or Flower seeds at same reasonable rate. This collection comprises nearly all the small seeds used in the average garden, and enables our far away customers to get fresh seeds at a less price than you buy box seeds at home.

OHIO JUNIOR.



The Earliest and Most Desirable Potato for Market Gardeners.

Ohio Junior, although a chance seedling, is without doubt in some way related to that good old sort, the "Early Ohio," as it is almost identical with the variety in form and marking of tubers, habit of growth, etc.; probably the first and only instance where the "Ohio" has been re-produced from seed. The tubers are oval-oblong, round at the seed end, with full eyes that are almost even with the surface. It is an excellent keeper, of fine quality, a large yielder, for an extra early variety, this is the earliest of fifty kinds grown last season. We will book orders for a limited stock at \$3.50 per barrel.

WE WILL MEET ANY PRICES GIVEN TO GRANGERS
ON SAME CLASS OF GOODS.

Flower Seeds.

KEY TO CULTURE.

A. Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf-mould or well rotted manure, making the surface fine and smooth.

B. Sow in gentle heat, in a well-drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May but will not flower so early. Transplant or thin out before the plants get too large.

C. Sow from April to June or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

D. Sow in Spring in a well drained pot or well prepared hot-bed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground after May 10 for late flowers.

E. Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

F. Sow any time, in a pot prepared as follows: Let the pot be one-third full of drainage or broken charcoal; over that rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand; water with fine sprinkler; scatter the seed thickly over the surface, covering very lightly; keep from direct rays of the sun. As soon as the plants show the third leaf transplant into seed pans. three-fourth of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool airy part of the greenhouse near the glass. Re-pot them when necessary.

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

KEY TO COLUMNS.

The 1st col.	contains the name of the flower.	The 5th column	contains culture.
The 2d "	" hardness and duration.	The 6th "	" price per packet.
The 3d "	" height in feet.	The 7th "	" general observations.
The 4th "	" color of flower.		

KEY TO ABBREVIATIONS.

b., blue.	dk., dark.	mve., mauve.	spot., spotted.
bid., blood.	dp., deep.	mx'd., mixed.	stri., striped.
blk., black.	gr., green.	or., orange.	sul., sulphur.
br., brown.	lav., lavender.	pur., purple.	vr., variegated.
buff., buff.	lf., leaf.	rose, rose.	ver., vermillion.
car., carmine.	lt., light.	rd., red.	wh't., white.
cr., crimson.	mar., maroon.	scar., scarlet.	yel., yellow.

HARDINESS AND DURATION.

A.—Annual, lasting one year.
B.—Biennial, lasting two years.
P.—Perennial, lasting three or more years.
ev., evergreen.

g., greenhouse.
h., hardy.
h. h., half-hardy.
sh., shrub.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
“ Dwarf Chrysanthemum.....	“	1	mixed.	“	15	
“ Large Rose-flowered.....	“	2½	“	“	15	
“ Cocardeau or Crown (w. centre).....	“	2	various.	“	15	
“ New Washington, white.....	“	2	white.	“	20	
“ Perennial, fine mixed.....	“	“	mixed.	“	5	
Avena sterilis.....	hA	2	.....	C	5	Avena.—Animated Oats.
Balloon Vine.....	hhA	5	white.	B	5	Balloon Vine.—Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra.....	hA	1½	mixed.	B	10	Balsams.—Our balsams have been selected with great care and we feel certain that they will please our customers.
“ Double Rose flowered.....	“	2	“	“	10	The Double Rose-flowered White Balsam is of unequalled purity and in great demand among florists.
“ Double Rose flowered, white.....	“	2	white.	“	10	
“ Double Camellia flowered.....	hA	2	mixed.	“	10	
“ New Carnation-striped.....	“	2	“	“	10	
“ Double Solferino.....	“	2	w., spt., str.	“	10	
“ “ Victor.....	“	2	w., sc. sp.	“	10	The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite.
Bartonia aurea.....	hA	1	yellow.	E	5	Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers.
Bean, Scarlet Runner.....	“	15	scarlet.	A	5	
“ White.....	“	15	white.	“	5	
Bellis Perennis, fl. pl.....	hP	¼	mixed.	C	5	Bellis.—Double Daisy.—Very handsome spring flowering plant.
Brachycome iberidifolia.....	hhA	1	mixed.	D	5	Brachycome.—Swan River Daisy.
Briza compacta.....	hA	1	“	A	5	Briza.—Quaking Grass.
“ maxima.....	“	1	“	“	5	
Bromus briza formis.....	hP	1	“	C	5	Bromus.—Ornamental Grass for winter bouquets.
Browallia elata.....	hhA	1½	mixed.	D	5	Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red	D	10	Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white.
Cacalia coccinea.....	hA	1½	scarlet.	E	5	Cacalia.—Tassel Flower.
Calampelis scabra.....	hhA	8	orange.	D	5	Calampelis.—A good climber, flower tube shaped.
Calandrina discolor.....	hA	1	rose.	E	5	Calandrina.—Very desirable for pot plant; also for rockeries.
“ grandiflora.....	“	1	rosy pink.	“	5	
“ umbellata.....	“	¼	crim. violet	“	5	
Calceolaria hybrida, large flowered.....	gP	2	mixed.	F	25	Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
“ James' Prize splendid.....	“	1	“	“	25	
Calendula pluvialis.....	hA	1	w. b. und' th	A	5	Calendula.—Cape Marigold.
Calendula Officinalis “Meteor”.....	“	“	lt. orange.	“	10	Calendula Off. Meteor.
California Poppy.....	“	“	“	E	5	California Poppy.—See Eschscholtzia.
Calliopsis Drummondii.....	hA	1½	pur. & yel.	“	5	Calliopsis.—Very showy and continues to bloom a long time.
“ bicolor nana.....	“	1½	mixed.	“	5	C. Drummondii is admirably adapted for borders.
Callirrhoe pedata nana.....	“	2	mixed.	“	5	Callirrhoe.—Profuse bloomer, continuing throughout the season.
Campanula medium, single.....	hP	2	.....	C	5	Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum,
“ “ speculum.....	hA	2	mixed.	“	5	Venus Looking Glass.
Canary Bird Vine.....	hhA	10	yellow.	D	10	Canary Bird Vine.—See Tropæolum canariense.
Candytuft.....	“	“	“	E	5	Candytuft.—See Iberis.
Canna, Finest mixed.....	hhP	“	mixed.	D	5	Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
“ Nigricans.....	“	“	red.	“	10	
“ Zebrina.....	“	“	scarlet.	“	10	
Canterbury Bell.....	“	“	“	C	5	Canterbury Bell.—See Campanula.
Cardinal Flower.....	“	“	“	B	5	Cardinal Flower.—See Lobelia.
Cardiospermum Halicacabum.....	hhA	5	white.	“	5	Cardiospermum.—See Baloon Vine.
Carnation.....	“	“	“	A	5	Carnation.—See Dianthus.
Castor Oil Bean.....	“	“	“	D	5	Castor Oil Bean.—See Ricinus.
Catchfly.....	“	“	“	E	5	Catchfly.—See Silene.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Celosia, cristata nana.....	hhA	1	crimson.	B	5	Celosia. —Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
“ feathered.....	“	1	mixed.	B	5	
“ japonica.....	“	2	scarlet.	B	10	
Centaurea candidissima.....	hhP	1	silver fol.	E	15	Centaurea. —Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. C. moschata. —Sweet Sultan. C. cyanus. —Batchelor's Button.
“ gymnocarpa.....	“	1½	“	E	15	
“ moschata.....	hA	2	blue.	E	5	
“ cyanus.....	“	2	mixed.	E	5	
Centranthus macrosiphon.....	“	1½	red	E	5	
Chamæpuce casabonæ.....	hhP	1	orn. fol.	D	10	Chamæpuce casabonæ. — Handsome thistle-like foliage plants with dark green leaves, veined with white.
Chrysanthemum, carinatum album.....	hA	..	white.	F	5	Chrysanthemum. —Free blooming flowers lasting late in the season, long after many other flowers are faded.
“ idicum pompone, d'l fl'd.....	hhP	2	dbl. white.	F	10	
Cineraria hybrida choice mixed....	gP	2	various.	“	25	Cineraria. —Beautiful compact flowering plants of crimson, magenta and purple colors.
Clarkia, best mixed.....	hA	1½	mixed.	E	5	Clarkia. —Fine climbing vines. “ “
Clematis, fine mixed.....	hP	10	“	C	10	
Clianthus Dampieri.....	A	2	sc. & blk.	A	25	
Cobæa scandens.....	hhA	20	purple.	B	10	Cobæa. —To attain full growth should be started in pots. Very rapid climber.
Coccinia Indica.....	hhP	6	red.	C	10	Coccinia. —Gourd family. Fruit scarlet.
Cockscomb.....	“	“	“	B	“	Cockscomb. —See Celosia.
Coix lacryma.....	hA	1½	“	A	5	Coix. —Job's Tears.
Collinsia.....	“	1½	mixed.	E	5	Collinsia. —Purple, blue and white flowers; very pretty.
Columbine.....	“	“	“	E	“	Columbine. —See <i>Aquilegia</i> .
Convolvulus major.....	hhA	10	finestmix'd	C	5	Convolvulus Major. —Morning Glory, tall; C. Minor, Morning Glory, dwarf. C. Mauritanicus for hanging baskets.
“ tricolor minor.....	“	1	“	D	5	
“ Mauritanicus.....	hP	“	blue.	C	10	
Coreopsis.....	“	“	“	E	“	Coreopsis. —See <i>Calliopsis</i> .
Cosmanthus fimbriatus.....	hA	1	lilac & w.	“	“	Cosmanthus. —Flowers fringed and pretty, plant spreading.
Cosmidium Burridgeanum.....	“	2	cr., br. & yel	“	5	Cosmidium. —Flowers large and showy, similar to <i>Coreopsis</i> .
Cucumis.....	hhA	6	fine mixed.	B	5	Cucumis. —Ornamental Cucumber. C. flexuosus. —Snake Cucumber, bearing fruit three feet long. C. dipsaceus. —Teasel-formed.
“ flexuosus.....	“	“	“	B	“	
“ dipsaceus, teasel-formed.....	“	“	“	B	“	
Cucurbita.....	hhA	6	fine mixed.	E	10	Cucurbita. —Ornamental Gourd. C. leucantha depressa. —Green Fruit. C. longissima. —Curious fruit five feet long.
“ leucantha depressa.....	“	“	“	E	10	
“ longissima.....	“	“	“	E	10	
Cyclamen persicum.....	hhP	½	fine mixed.	B	50	Cyclamen. —Green house plants, very handsome bloomers.
Cypress Vine.....	“	“	“	“	“	Cypress Vine. —See <i>Ipomæa Quamoclit</i> .
Dahlia, double.....	hhP	“	finestmix'd	E	5	Dahlia. —Saved from the largest flowering and most double sorts.
“ single.....	hA	“	“	E	10	
Daisy, double.....	“	“	“	C	5	Daisy. —See <i>Bellis</i> .
Datura fastuosa, finest double.....	hA	3	mixed.	E	10	
Delphinium (Larkspur).....	“	“	“	C	“	Delphinium cashmerianum. D. Giant Hyacinth fl'd. D. nudicaule. —The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers. Delphinium. —The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
“ double, dwarf rocket.....	hA	1½	“	D	5	
“ double branching.....	“	2	“	E	5	
“ Perennial sorts.....	hP	3-4	“	E	5	
“ nudicaule.....	“	1½	scarlet.	E	5	
“ elatum.....	“	5	mixed.	E	5	
“ formosum.....	“	2	blue&wh.	C	5	
“	“	“	“	“	“	
Devil-in-a-bush.....	“	“	“	A	5	Devil-in-a-bush. —See <i>Nigella hispanica</i> .
Diamond Plant.....	“	“	“	B	5	Diamond Plant. —See <i>Mesembryanthemum</i> .
Dianthus, Pink.....	“	“	“	C	“	Dianthus barbatus. —Sweet William, will bloom the first year if sown early. D. Chinensis, Chinese Pink. D. carnation grenadin. —“ For Florists' purposes and sale plant this fine and floriferous carnation is invaluable.” “ It blooms three weeks earlier than any other variety, and furnishes a profusion
“ barbatus, single.....	hP	1½	mixed.	E	10	
“ double.....	“	1½	white.	E	5	
“ Caryophyllus (Carnation).....	hhP	2	finestmix'd	F	25	
“ Clove Pink.....	“	2	mixed.	F	10	
“ picotee.....	“	2	finestmix'd	F	25	
“ perpetual tree.....	“	2	“	F	25	
“ grenadin.....	“	2	lrl. scar.	F	15	

NAME.	Hardiness and Duration	Height, Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Dianthus, chinensis fl. pl.	hA	1	mixed.	D	5	of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses.
“ Imperial	“	1	“	D	10	
“ Heddeewigi, double	“	1	finestmix'd	D	10	
“ “ laciniatus	“	1	“	D	10	
Digitalis, Foxglove, lutea	hP	3	mixed.	C	5	Digitalis, Foxglove. —Stately and ornamental growing plants; succeeding well in half shady places.
Dolichos Lablab	..	..	mixed.	A	..	Dolichos. —Rapid climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
“ Hyacinth Bean	hA	10	..	A	5	
Elichrysum monstrosum	hhA	2	mixed.	B	5	Elichrysum. —Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
Eragrostis elegans	“	2	..	B	5	Eragrostis. —Love Grass, for dried bouquets.
Erysimum Arkansanum	hA	1	yellow.	A	5	Erysimum. —Showy annuals for borders or masses.
“ Peroffskianm	“	1½	orange.	A	5	
Erianthus Ravennæ	hP	10	..	C	10	Erianthus. —A superb grass, resembling Pampas grass.
Eschscholtzia californica	hA	1	yellow.	E	5	Eschscholtzia. —California Poppy.
Eucharidium grandiflorum	“	1	mixed.	“	5	Eucharidium. —Pretty flowering annuals similar to Clarkia.
“ “	“	2	white.	“	5	
Euphorbia variegata	“	2	“	E	5	Euphorbia. —Variegated foliage.
Fenzlia dianthiflora	“	¼	rosy lilac.	“	10	Fenzlia. —Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
Feverfew	..	..	..	E	5	Feverfew. —See Matricaria.
Forget-me-not	..	..	..	D	5	Forget-me-not. —See Myosotis.
Four o'clock	..	..	..	A	5	Four o'clock. —See Mirabilis.
Foxglove	..	..	..	C	5	Foxglove. —See Digitalis.
Gaillardia picta	hhA	1½	yellow.	A	5	Gaillardia. —Very showy flowering plants, adapted for bedding, also charming for pot plants.
“ “	..	1½	mixed.	A	5	
Gilia	hA	1	finestmix'd	A	5	Gilly Flower. —See Ten Weeks Stock.
Gilly Flower	..	..	..	B	5	
Globe Amaranthus	..	..	..	“	5	Globe Amaranthus. —See Gomphrena.
Gloxinia French hybrida, saved from choicest flowers.	..	1	mixed.	F	50	Gloxinia. —Stove house plants of great beauty.
Godetia rubicunda	hA	1½	rose.	A	5	Godetia. —Excellent free blooming plants, very desirable for beds, borders and ribbons.
“ finest mixed	“	1½	mixed.	A	5	
Golden Eternal Flower	..	..	..	A	..	Golden Eternal Flower. —See Elichrysum.
Gomphrena globosa	..	..	..	D	..	Gomphrena. —Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths.
“ “ mixed	hhA	2	mixed.	D	5	
Golden Feather	..	..	..	A	..	Golden Feather. —See Pyrethrum.
Gourds	hhA	15	mixed.	E	5	Gourds. —Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
Gynerium argenteum	hhP	12	silver.	F	5	Gynerium. —Pampas Grass.
Gypsophila elegans	hA	1½	white.	E	5	Gypsophila. —Fine airy flowers, suitable for bouquets; very nice for growing in masses.
Heartsease	..	..	..	B	..	Heartsease. —See Viola tricolor maxima.
Helianthus macrophyllus giganteus	hA	10	yellow.	E	5	Helianthus. —Sunflower. Tall growing plants with immense yellow flowers.
“ californicus double	“	6	orange.	E	5	
“ globosus fistulosus, fl. pl.	“	4	saf. color.	E	5	
“ nanus plena	“	2	dbl. yellow.	E	5	Helianthus globosus fistulosus fl. pl. —Flowers very large and double.
Heliotropium, dark varieties	hhP	2	mixed.	F	10	Heliotropium. —Heliotrope.
Hibiscus africanus	hA	1½	sal.&black.	E	5	Hibiscus. —Commonly named African Rose.
Hollyhock, best double	hP	6	mixed.	D	10	Hollyhock. —Saved from the best double sorts of the finest strains.
“ Chate's d'ble extra fine	“	6	“	D	10	
Honesty	..	..	..	..	..	Honesty. —See Lunaria.
Hyacinth Bean	..	..	..	..	..	Hyacinth Bean. —See Dolichos.
Iberis (Candytuft)	hA	1	mixed.	E	5	Iberis. —One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work.
“ coronaria white rocket	“	1	white.	E	5	
“ umbellata	“	1	“	E	5	
“ purpurea (Dunnett's)	“	1	dark crim.	E	5	

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Iberis lilacina</i>	hA	1	deep pur.	5	is perfectly hardy, flowering very early in the spring.
" <i>sempervirens</i>	hP	1	white.	5	
" <i>pectinata odorata</i>	hA	1	"	5	
Ice Plant.....	..	..	..	..	Ice Plant.—See Mesembryanthemum.
Indian Shot.....	..	..	..	..	Indian Shot.—See Canna.
<i>Ipomæa bona nox</i>	hhA	10	white.	5	<i>Ipomæa bona nox</i> .—Evening Glory.
" <i>coccinea</i>	"	10	scarlet.	5	
" <i>marmorata grandiflora</i>	"	10	variegated	5	
" <i>quamoclit (Cypress Vine)</i>	"	10	mixed.	5	
<i>Jacobæa</i>.....	..	..	..	..	<i>Jacobæa</i> .—See Senecio.
Job's Tears.....	..	..	..	..	Job's Tears.—See <i>Coix lacryma</i> .
Lady's Slipper.....	..	..	..	..	Lady's Slipper.—See <i>Calceolaria</i> and Balsam.
<i>Lantana, hybrida finest</i>	hhP	2	mixed.	10	<i>Larkspur</i> .—See Delphinium.
Larkspur.....	..	..	..	..
<i>Lathyrus odoratus (Sweet Pea)</i>	hA	5	mixed.	5	
" <i>Painted Lady</i>	5	5	rose & wh.	5	
" <i>Everlasting Pea</i>	hP	5	..	5	
" <i>white</i>	5	5	..	5	
Lavender.....	..	..	..	..	Lavender.—See <i>Delphinium</i> .
Lavendula.....	hP	2	violet.	5	Lavendula.—Well-known old-fashioned flower, highly prized for its peculiar odor.
<i>Leptosiphon hybridus, French</i>	hA	¼	various.	10	<i>Leptosiphon</i> .—Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<i>Linaria cymbalaria</i>	hP	..	lavender.	10	<i>Linaria</i> .—Kenilworth or Coliseum Ivy.
" <i>Finest mixed</i>	hA	1	mixed.	5	<i>Linum</i> .—Scarlet Flax.
<i>Linum grandiflorum rubrum</i>	hP	1	splen. scar.	5	
<i>Loasa hispida</i>	hA	..	golden yel.	5	<i>Loasa</i> .—Climbers, with curious flowers.
" <i>tricolor</i>.....	..	..	yel. shaded	5	
<i>Lobelia cardinalis Queen Victoria</i>	hA	2	scarlet.	10	<i>Lobelia cardinalis</i> .—Cardinal Flower. With darkest leaves, very beautiful.
" <i>erinus gracilis</i>	hP	½	dark blue.	10	
" <i>speciosa Crystal Palace</i>	"	½	"	10	
" <i>erecta</i>	"	½	..	10	
<i>Lophospermum scandens</i>	hhA	10	mixed.	15	<i>Lophospermum</i> .—Beautiful climbing plant, with very large trumpet-shaped flowers.
Love-in-a-mist.....	..	..	..	..	Love-in-a-mist.—See <i>Nigella hispanica</i> .
Love-in-a-puff.....	..	..	..	..	Love-in-a-puff.—See Balloon Vine.
Love-lies-bleeding.....	..	..	..	..	Love-lies-bleeding.—See <i>Amaranthus caudatus</i> .
<i>Lunaria annua</i>	hB	2	purple.	5	<i>Lunaria</i> .—Honesty.
<i>Lupinus finest annual sorts mixed</i>	hA	2	mixed.	5	<i>Lupinus</i> .—Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
<i>Lychnis Haageana Fine Hybrid</i>	hP	1	scarlet.	5	<i>Lychnis</i> .—Ragged Robin.
Maize Japanese.....	hA	4	striped leaf	5	Maize.—Striped Japanese Corn. Very ornamental.
<i>Malope grandiflora</i>	"	1½	mixed.	5	
Marigolds.....	..	..	..	..	Marigolds.—See <i>Tagetes</i> .
<i>Martynia fragrans</i>	hhA	1½	crimson.	5	Marvel of Peru.—See <i>Mirabilis</i> .
Marvel of Peru.....	hhP	1	white.	5	
<i>Matricaria capensis fl. pl.</i>	hhP	1	white.	5	<i>Matricaria</i> .—Feverfew; dwarf and very double. M. par.—See <i>pyrethrum</i> .
<i>Maurandia Barclayana</i>	hhP	10	..	10	<i>Mesembryanthemum</i> .—Ice Plant. Diamond Plant.
" <i>finest colors</i>	hhP	10	mixed.	10	
<i>Mesembryanthemum crystallinum</i>	hA	¼	white.	5	<i>Mesembryanthemum</i> .—See <i>Reseda</i> .
Mignonette.....	..	..	..	..	Mignonette.—Sensitive Plant.
<i>Mimosa pudica</i>	hhA	2	pink. wht.	5	<i>Mimulus cardinalis</i> .—Monkey Flower; will bloom the first season from seed.
<i>Mimulus cardinalis</i>	hhP	1	scarlet.	5	
" <i>tigrinus</i>	"	1	spotted.	10	

NAME	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Portulaca.....	..	..	.....	..	seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis.....	hhP	¾	mixed.	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
“ “ fimbriata.....	“	¾	“	50	
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	10	Pyrethrum.—Golden Feather, or Feverfew. P. fol. lac.—Splendid acquisition with elegant lacinated foliage.
“ “ Golden Feather.....	hP	1	foliage yel.	20	
Quaking Grass.....	..	..	..	5	Quaking Grass.—See Briza.
Ragged Robin.....	..	..	..	5	Ragged Robin.—See Lychnis.
Reseda odorata.....	hA	1	buff.	5	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly. Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
“ “ ameliorata.....	“	1	red.	5	
“ “ Golden Queen.....	“	1	yellow.	10	
“ “ Miles' New Spiral.....	hA	1½	buff.	10	
“ “ gigantea pyramidalis.....	“	2	“	10	
“ “ Parson's New White.....	“	1½	white.	10	
Rhodanthe maculata.....	hhA	1	crimson.	10	Rhodanthe maculata.....
“ “ alba.....	“	1	white.	10	
Ricinus borboniensis arboreus.....	“	15	orn. fol.	5	Ricinus.—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a subtropical effect is desired.
“ “ giganteus glaucus.....	“	10	“	5	
“ “ Gibsoni.....	“	8	“	5	
“ “ sanguineus (Obermanni).....	“	10	“	5	
“ “ species from the Philippines.....	“	10	“	5	
“ “ dwarf rose.....	“	4	“	5	
Rose Campion.....	..	..	..	5	Rose Campion.—See Agrostemma.
Rose of Heaven.....	..	..	..	5	Rose of Heaven.—See Viscaria.
Rose of Sharon.....	..	..	..	5	Rose of Sharon.—See Hibiscus.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	5	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
Salvia coccinea splendens.....	hhA	2	scarlet.	10	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
“ “ splendens.....	hhP	3	“	25	
“ “ patens.....	“	2½	blue.	25	
“ “ argentea.....	hhA	..	silver.	25	
Sanvitalia procumbens, fl. pl.....	hA	½	yellow.	5	Sanvitalia.—Flowers bright yellow and very double.
Saponaria.....	“	½	mixed.	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Scabiosa atropurpurea major.....	hA	2	fine mixed.	5	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets.
“ “ atro. candidissima.....	“	1	pure white.	10	
“ “ minor, fl. pl.....	“	..	fine mixed.	10	
Schizanthus, finest.....	hA	1	mixed.	5	
Sedum coeruleum.....	“	1	blue.	5	
Senecio double.....	“	1	finest mix'd	5	
“ “ dwarf.....	“	1	“	10	
Sensitive Plant.....	..	..	..	5	Sensitive Plant.—See Mimosa.
Silene armeria.....	hA	2	fine mixed.	5	Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
Smilax.....	..	..	..	..	Smilax.—See Myrsiphyllum.
Snapdragon.....	..	..	..	..	Snapdragon.—See Antirrhinum.
Solanum capsicastium.....	hhP	..	sc. fruit.	10	Solanum capsicastium.—Jerusalem Cherry.
“ “ Lobell.....	..	..	..	10	
Statice sinuata hybrida.....	hP	1	mixed.	5	Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
Stipa pennata.....	hP	2	..	5	Stipa.—Feather Grass.
Stocks, ten weeks (Mathiola).....	..	..	..	..	Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration. Double Dwarf; have very compact spikes of flowers and throw out many side shoots. The Large-Flowered are very similar, only the flowers are larger.
“ “ double dwarf German.....	hhA	1½	mixed.	5	
“ “ “ large flowering.....	“	1	“	10	
“ “ “ “.....	“	1	pure white.	10	
“ “ “ “.....	“	1	purple.	10	
“ “ “ “.....	“	1	dark crim.	10	
“ “ “ “.....	“	1	scarlet.	10	
“ “ “ “.....	“	1	canary yel.	10	
“ “ “ “.....	“	1	mixed.	10	
“ “ large flow'ing pyramidal dwarf.....	hB	2	“	10	
“ “ Winter, or Brompton.....	hhP	1½	“	10	
“ “ Emperor, or Perpetual.....	hhP	1½	“	10	

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	.....	.....	.....	..	Sunflower.—See Helianthus.
Swan River Daisy.....	.....	.....	.....	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum.....	.....	.....	.....	..	Sweet Alyssum.—See Alyssum.
Sweet Pea.....	.....	.....	.....	..	Sweet Pea.—See Lathyrus.
Sweet Rocket.....	.....	.....	.....	..	Sweet Rocket.—See Hesperis.
Sweet Sultan.....	.....	.....	.....	..	Sweet Sultan.—See Centaurea.
Sweet William.....	.....	.....	.....	..	Sweet William.—See Dianthus.
Tagetes double African.....	hhA	2	mixed.	5	Tagetes.—Mangold; good old-fashioned flowers, very popular.
“ “ French.....	“	1½	“	5	
“ “ signita pumila.....	“	1	br. & yel.	5	
Tassel Flower.....	.....	.....	.....	..	Tassel Flower.—See Cacia.
Thunbergia, finest.....	hA	6	mixed.	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.....	“	2	“	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.....	hhA	4	mixed.	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly.
“ Lobianum Brilliant.....	“	6	dark scar.	10	
“ “ Crown Prince of Prussia.....	“	6	blood red.	10	
“ “ Giant des Batailles.....	“	6	carmine.	10	
“ “ Lilli Smith.....	“	6	crimson.	10	
“ “ Napoleon III.....	“	6	ver. striped	10	
“ “ Lucifer (very rare).....	“	6	cri. dk. fol.	10	
“ “ Roi des Noirs.....	“	6	almost blk.	10	
“ “ Spitfire.....	“	6	brightscar.	10	
“ “ finest varieties.....	“	6	mix. colors.	5	
“ majus atropurpureum.....	“	6	black bro'n	10	
“ “ coccineum.....	“	6	scarlet.	10	
“ “ luteum.....	“	6	yellow.	5	
“ “ regelianum.....	“	6	pur. violet.	20	
“ cœruleo roseum.....	“	6	d. rose.	10	
“ majus, finest varieties.....	hhA	6	mixed.	5	
“ Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	10	
“ “ Crystal Palace Gem.....	“	1	sul.col.spt.	10	
“ “ King of Tom Thumbs.....	“	1	dp. scarlet.	10	
“ “ King Theodore.....	“	1	very dark	10	
“ “ Pearl.....	“	1	nearly wht.	10	
“ “ Ruby King (new).....	“	1	carmine.	10	
“ “ luteum.....	“	1	bright yel.	10	
“ “ cœruleo roseum.....	“	1	mar. tint.	10	
Venus' Looking Glass.....	.....	.....	.....	..	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's.....	hhP	..	mixed.	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.....	hhA	½	blue&wht.	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
“ “ fl. albo.....	“	½	white.	5	
Vinca rosea.....	g sh.	2	rose.	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
“ “ alba.....	g sh.	2	white.	10	
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed.	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
“ “ “ very large flow'g.....	“	½	“	5	
“ “ “ candidissima }.....	“	“	“	“	
“ “ “ Snow Queen }.....	“	“	white.	20	
“ Emperor William.....	“	½	deep blue.	10	
“ Faust, or King of the Blacks.....	“	½	coal black.	10	
“ Odier, or five blotched.....	“	½	various.	10	
“ Gold-margined.....	“	½	mer.with y	10	
“ Violet color margined.....	“	½	mar.with w	15	
“ White Treasure.....	“	½	pure white.	15	
“ Yellow.....	“	½	pure yel.	15	
“ good quality.....	“	½	mixed.	5	
“ odorata. The Czar (Violet).....	“	½	blue.	25	
Viscaria hybrida splendens.....	hA	1-2	mixed.	5	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.....	hA	1	yellow.	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1½	mixed.	10	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba.....	hA	1½	white.	5	
“ “ “.....	“	1½	purple.	5	
Wigandia caracasana.....	hhS	8	or. leaf.	10	Wigandia.—Elegant, stately, ornamental plants.
“ “ vigieri.....	“	8	“	10	

NAME,	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Xeranthemum.....	hA	2	mixed.	10	Xeranthemum — Everlasting flowers, useful for summer or winter bouquets.
Zea Japonica.....	"	6	strip'd leaf.	5	Zea Japonica—See Maize.
Zinnia elegans fl. pl.....	Ahh	2	mixed.	5	Double Zinnia — Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

ORNAMENTAL GRASSES.

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

NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa.....	hA	1	.....	5	Avena—Animated Oats.
Avena sterilis.....	"	2	.....	5	Briza—Quaking Grass.
Briza compacta.....	"	1	.....	5	Coix lacrymus—Job's Tears.
" maxima.....	"	1	.....	5	Eragrostis—Love Grass.
Bromus briza-formis.....	"	1	.....	5	Erianthus—Beautiful and very showy.
Coix lachryma.....	"	1½	.....	5	Gynerium—Pampas Grass.
Eragrostis elegans.....	"	1	.....	5	Stipa—Feather Grass.
Erianthus Ravennæ.....	hP	10	.....	10	Zea—Japanese Maize (striped leaves).
Gymnothrix latifolia.....	hhP	8	.....	5	
Gynerium argenteum.....	"	8	.....	5	
Stipa pennata.....	hA	1½	.....	5	
Zea Japonica.....	"	6	.....	5	

[CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	5	Abobra — Ornamental Gourd, with elegant foliage and scarlet fruit.
Adlumia cirrhosa.....	hE	15	pink.	10	Adlumia—Mountain Fringe.
Aristolochia siph.....	"	20	yel. & bro.	10	Aristolochia—Dutchman's Pipe.
Beans.....	hA	15	various.	5	Beans—Scarlet and White Runners.
Bryonopsis erythrocarpa.....	hhA	5	red.	10	Bryonopsis — Ornamental Gourd, striped, beautiful.
Balloon Vine.....	"	8	orange.	5	Balloon Vine.
Calampelis scabra.....	"	10	yellow.	10	Calampelis—Excellent for trellises.
Canary-bird-flower.....	"	10	white.	5	Canary-bird-flower — See Tropæolum canariense.
Cardiospermum halicacabum.....	hP	10	mixed.	10	Cardiospermum—Balloon Vine.
Clematis.....	hA	20	purple.	10	Coccinea—Ornamental Gourd with scarlet fruit.
Cobæa scandens.....	hhP	6	red.	5	Convolvulus—Morning Glory.
Coccinea indica.....	hhA	10	mixed.	5	Cucumis—Ornamental Cucumber.
Convolvulus major.....	hhA	10	blue.	15	Cucurbita — Ornamental Gourds, very desirable for screens.
mauritanicus.....	hP	trail	blue.	15	
Cucumis.....	hhA	10	mixed.	5	
Cucurbita.....	"	"	"	5	
" Hercules' Club.....	hhA	16	yellow.	5	
" Mock Orange.....	"	16	"	5	
" Powder Horn.....	"	16	"	5	
" Smallest Lemon.....	"	6	"	5	
" Gooseberry.....	"	6	"	5	
" Pear-shaped.....	"	6	"	5	
Cypress Vine.....	"	10	.....	5	Cypress Vine—Ipomea quamoclit.
Dolichos lablab, Hyacinth Bean.....	hA	10	purple.	5	
".....	"	10	white.	5	
Ipomæa bona nox.....	hhA	10	.....	5	Ipomea bona nox—Evening Glory. I.
" coccinea.....	"	10	scarlet.	5	coccinea—Sta Ipomea. I. marmo.
" marmorata grandiflora.....	"	10	variegated.	5	grand—Variegated Morning Glory.
" quamoclit Cypress Vine.....	"	10	mixed.	5	I. quamoclit—Cypress Vine.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Ipomæa quamoclit.....	hhA	10	scarlet.	5	
“ “	“	10	white.	5	
“ “	“	10	rose.	5	
Maurandia barclayana.....	hhP	10	blue & wht.	10	
“ finest colors.....	“	10	mixed.	10	
Momordica balsamina.....	hhA	10	yellow.	5	
Nasturtium Tall, finest colors.....	“	6	mixed.	5	Nasturtium—Tropæolum majus.
“	“	6	scarlet.	10	
“	“	6	rose tinted.	10	
“	“	6	violet.	10	
“	“	6	yellow.	10	
Peas, Sweet, finest colors.....	hA	9	mixed.	5	Peas, Sweet—See Lathyrus odoratus.
“ Capt. Clarke.....	“	9	tricolor.	5	
“ Crown Princess of Prussia.....	“	9	blush.	5	
“ Invincible.....	“	9	scarlet.	5	
“ Red.....	“	9	dark.	5	
“ White Striped.....	“	9	purple.	5	
“ “	“	9	red.	5	
“ Light Blue.....	“	9	purple.	5	
“ Pure White.....	“	9	.....	5	
Thunbergia.....	hA	6	mixed.	5	

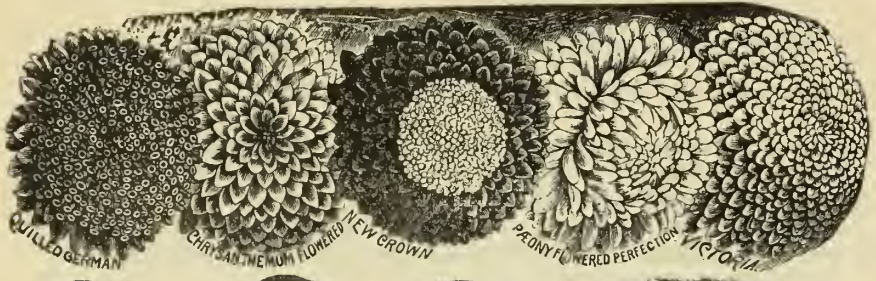
EVERLASTING FLOWERS.

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

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Acrolinium roseum.....	hhA	1	rose.	5	
“ album.....	“	1	white.	5	
Ammobium alatum.....	hA	2	“	5	
Gomphrena globosa.....	hhA	2	red.	5	Gomphrena—Globe Amaranthus.
“ “	“	2	white.	5	
“ “	“	2	striped.	5	
“ “	“	2	mixed.	5	
Helichrysum monstrosum.....	hA	2	white.	5	Helichrysum—Elichrysum, or Eternal Flower.
“ “	“	2	yellow.	5	
“ “	“	2	rose.	5	
Rodanthe maculata.....	hhA	1	“	10	
“ “ alba.....	“	1/2	white.	10	
Xeranthemum.....	hA	2	mixed.	5	

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

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



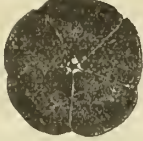
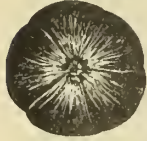
QUILLED GERMAN

CHRYSANTHEMUM FLORETTED

NEW CROWN

PEONY FLOWERED PERFECTION

VICTORIA

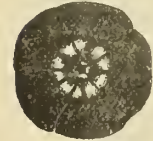


NEW PEARL ASTER.

Nasturtium, 'New Tom' Thumb.



CLOTH OF GOLD.

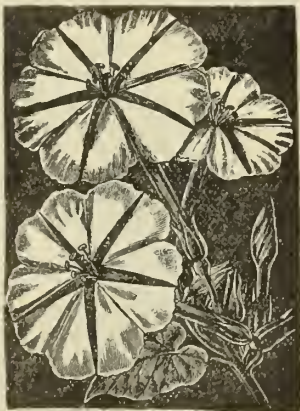


PANSIES.

PHLOX, DRUMMONDI.

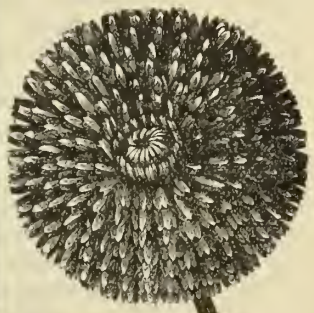


Balsam



IPOMEA NOCTIFLORUM.

Moonflower



CALENDULA.

CALENDULA.

New and Desirable Flower Seeds, &c.,

NOT IN OUR REGULAR LIST.

Aquilegia Stuarti, "Extra." Flowers very large, four inches in diameter. 20 cts. per package.

Ageratum. Dwarf, new. 10 cts. per package.

Aster Comet. Colors various with long wavy petals full flower. 10 cts.

Aster, "Snowball." Pure white pompon shape flower, about 15 inches high. 20 cts. per package.

Harlequin Aster. Spotted and striped double, mixed. 25 cts. per package.

Mignon Aster. Pure white, small pompon flowers. 10 cts. per package.

New Victoria Aster. Mixed colors, tall, full flower, pyramidal shape. 10 cts.

Ball or Jewel Aster. Symmetrically incurved, the bloom a perfect ball. 25 cts. per package.

Calceolaria Hybrida Grandiflora. Extra fine greenhouse variety. 25 cts.

Ipomœa Noctiflora, **Moon Flower**, or **Evening Glory** should be sown as early as March and transplanted as soon as season will admit.

Ipomœa Noctiflora Hybrida. Black and white seeded, new. Said to open nearly one hour earlier in the evening, grows more rapidly than the above and flowers fully one inch larger in diameter, and handsomer in appearance every way.

Ipomopsis. A very beautiful plant, long spikes with scarlet and orange flowers, fine foliage, quite hardy, perennial, and suitable for dry situations.

Sweet Peas. Are very short crop this season; the European crop almost an entire failure, the price will be necessarily higher.

Lathyrus Odoratus, "Sweet Peas." Imported by us annually.

" **Adonis**. Beautiful deep rose with wings almost carmine. 10 cts.

" **Apple Blossom**. Resembles the flower of apple blossoms very closely.

" **Boreatton**. Its flowers are a rich dark chestnut color. 10 cts.

" **Bronze Prince**. Rich chestnut color bronze Maroon. 10 cts.

" **Cardinal**. New, very beautiful. 10 cts. per package.

" **Crown Princess of Prussia**. Bright blush. 10 cts. per pkge.

" **Dutchess of Edinburg**. Autumn tints, variegated light scarlet, crimson tints, margined light. 10 cts. per package.

" **Imperial Blue**. Invincible blue, very fine. 10 cts. per package.

" **Imperial Black**. 10 cts. per package.

" **Indigo King**. "Purple Prince," very dark. 10 cts. per package.

" **Isa Eckford**. New, charming variety, flowers rosy pink shaded with carmine, creamy white. 10 cts. per package.

" **Orange Prince**. New, distinct and fine, rose colored wings and orange red standards.

" **Princess of Wales**. White with blue stripes. 10 cts. per pkge.

" **Queen of the Isles**. Mottled with white and purple. 10 cts.

" **Splendor**. Dark rose color shaded with crimson. 5 cts. per pkge.

" **Invincible Scarlet**. Striped fine. 5 cts. per package.

" " **Carmine**. New. 5 cts. per package.

" **Splendid Hybrid**. Mixed. 10 cts. per package.

Mirabilis Longiflora or Jockey Club. Flower, very fragrant, similar to the perfume whose name it bears, pure white, blooms from seed the first season until frost. Roots may be taken up and stored like Dahlias for the next season. 10 cts. per package.

Nicotiana Affinis. Pure white and very fragrant, *annual*. 10 cts. per pkge.

Primulas. "Carters Holborn Prize," put up by the Carters in England, and sold by us in the original packages at 25 cts. each. Every package contains 12 different colors and shades.

Pyrethrum Roseum. Insect powder. 10 cts. per package.

Reseda Machel. Thick spikes with reddish flowers. 5 cts. per package.

Our mixture of Nasturtium Seed is the Finest in this country. Tall 10 cts. per oz. Dwarf 15 cts.

Tropæolum, "Nasturtium." Choice desirable named varieties.

" **Cloth of Gold.** Light foliage, dwarf. 5 cts. per package.

" **Empress of India.** Dwarf, dark leaved foliage. 5 cts.

" **Tricolor (Jaratti) Grandiflora.** Dwarf. 5 cts. per pkge.

" **Asa Gray.** New, yellowish white, very, very fine. 5 cts.

" **Cardinal.** Dark scarlet, fine. 5 cts. per package.

" **Chaixianum.** Yellow, spotted with red, very fine. 5 cts.

" **Flammulun Grandiflorum.** Tall, scarlet and yellow extra fine. 5 cts.

Zinnia, New Striped or Zebra Zinnias. Variegated pompon shaped flower. 10 cts. per package.

Zinnia Golden Yellow Striped Scarlet. 10 cts. per package.

Zinnia, Tom Thumb. New, dwarf, mixed, very double. 10 cts. per pkge.

GIANT PANSIES.



GIANT PANSY.

PRICES.

Giant Pansies.....	per pkge	25c.
" " Five Spotted.....	"	25c.
" " Ex. choice show..	"	25c.
" " Splendid mixed, large "	"	10c.

CHOICE POPPIES.

Papaver Glaucum or Tulp Poppy, pkge.	25c.
Shirly Poppy.....	per pkge., 25c.
Cardinal Poppy.....	" 25c.
Fairy Blush.....	" 10c.

BULBS IN THEIR SEASON.

TULIPS HYACINTHS



NARCISSUS.
CHINESE SACRED BULB.

NEW AND DESIRABLE VARIETIES.



BEGONIAS are in the ascendency, especially the **Tuberous Rooted** varieties. Our stock of seed is from the *best grower in Europe*. Each packet contains all colors. The seeds are selected from the largest and most perfect flowers, single or double as you wish. The seeds are all from crop of 1891, some of the flowers three inches in diameter. Sow the seed early in the house or greenhouse and trans-

plant out as you do other plants; take up the tubers in the fall, they will keep as easily as potatoes for transplanting again in the spring. Seeds per packet 25c.

Roots, mixed Colors, 25 cts., or \$2.00 per dozen, or Market Price.

CANNA STAR OF '91.

AMERICAN SEEDLING.

Is one of the finest Dwarf varieties. Large flowers, glowing orange scarlet.

Type entirely distinct from Madame Crozy.
Price of bulbs this season \$1.00 each.



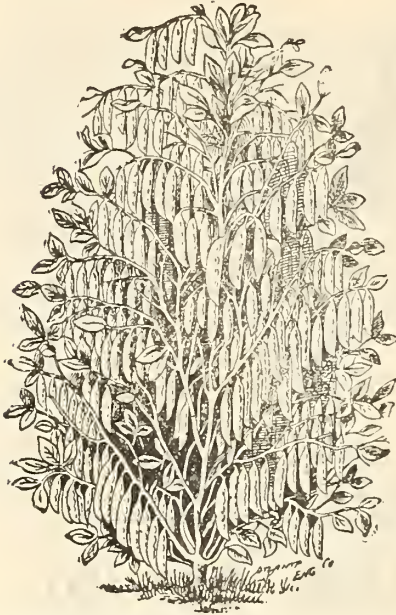
CAN BE GROWN IN THE HOUSE.

MADAME CROZY, CANNA.

One of the finest Imported Dwarf varieties. The flowers are as large as Gladiolus, beautiful scarlet. These two varieties cannot be recommended too highly for pot culture. *The bulbs will be sold at market price.*

Orders taken in advance to be filled at the proper time of setting.

JACKSON WONDER BEAN.



This new Bean grows from two to three feet high, and might be termed a combination Bean, as the pods, when young, are excellent, used as snap-beans. After the pods become filled, they are then used as a shell bean, by cooking them and serving in the same manner as the well-known Lima Bean.

This plant is a beautiful sight to look upon as it stands densely loaded with foliage and its broad, flat pods, containing three to four beautifully colored flat beans, similar to the Lima in shape. They are rich, marrowy and fine flavored, nutritious and healthful. The flavor is superior to the Lima.

IMMENSELY PRODUCTIVE,

And being early, is adapted to all localities where any other bean will grow. It continues to bloom and bear until killed by frost.

This new Bean is sold only by packet this season. Per packet, 25 cents.

WE OFFER A NEW WAX BEAN

This season, grown and sent out by W. H. GRINNELL, of Pierrepont Manor, N. Y., one of the most reliable seed growers in Northern New York. Of this new Wax Bean he says: "I consider this bean the earliest, most productive and decidedly more free from rust than any other variety of Wax Beans." We would recommend a trial of this Bean in every market garden.

DISCLAIMER ON SEEDS.

We exercise the greatest care to have all Seeds pure and reliable. We do not give any warranty express or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.



THE ERFURT CAULIFLOWER.

Choice Cauliflower Seed.

Of all the varieties that have been tried in this market, our strain of Erfurt has given the best satisfaction. We have our usual stock of Perry's Erfurt, also Long Island Beauty, Snowball, Denmark and $\frac{1}{2}$ Early Paris. For price see our list, page 5.

CABBAGE FOR PROFIT.

If you are growing for profit do not fool with novelties of the day, as half of them are not worth your trouble; when you find a variety you can grow at a profit that is the one to continue. For early and fall trade Perry's Premium Brunswick is the standard in this locality. If you want any other varieties I refer you to our cabbage list. We keep the best stock of all the leading varieties grown.



EARLY BRUNSWICK.

CELERY.

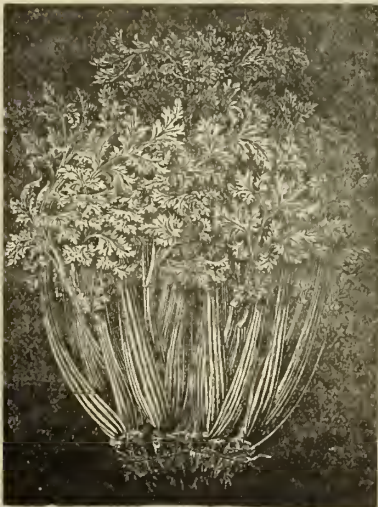
Improved White Plume,

Paris Golden, Self Blanching,

Giant Paschal,

Kalamazoo,

and all the best varieties grown. Pure stock. See our list for prices.



PERRY'S HYBRID SUGAR CORN



Is acknowledged by all seedsmen as the best and largest second early corn in use.

The **Cory** as the first early, has a rival in the **Early Maine**, a new variety sent out last season for the first time and proves to be very early white cob variety. In addition to the above we have a full stock of all the leading varieties as shown in our list, please look it over.

GOLD COIN

is an excellent table sort but not desirable for market; the kernels are yellow.



TELEPHONE PEA.

Garden Peas.

Please look over our list of garden peas, we have the finest stock ever in Syracuse, grown especially for our retail trade. You will notice our price is very low for choice stock.

NOVELTY IN BEETS.

BLACK QUEEN. We have imported this new black foliage variety for trial. It comes highly recommended where a very dark color is desired. This Beet is shaped like the Strasburg, slightly oval, crisp and tender, an excellent table variety.



YELLOW OVOID.

We import TONS of Sugar Beet for making Sugar, and Mangles for feeding, annually. Our prices will be found right. We quote special on large quantities. See page 4.

Novelties in Cucumbers.

Sharpe's Achievement. A magnificent White Spined Seedling variety, of dark green color, rich bloom, short neck, growing 18 to 20 inches long.

Sold in packets only at 25 cts. each.

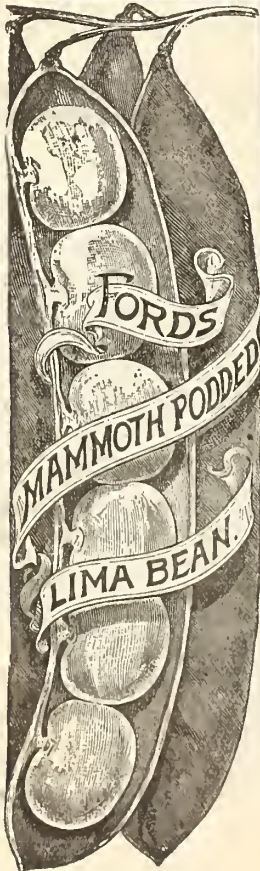
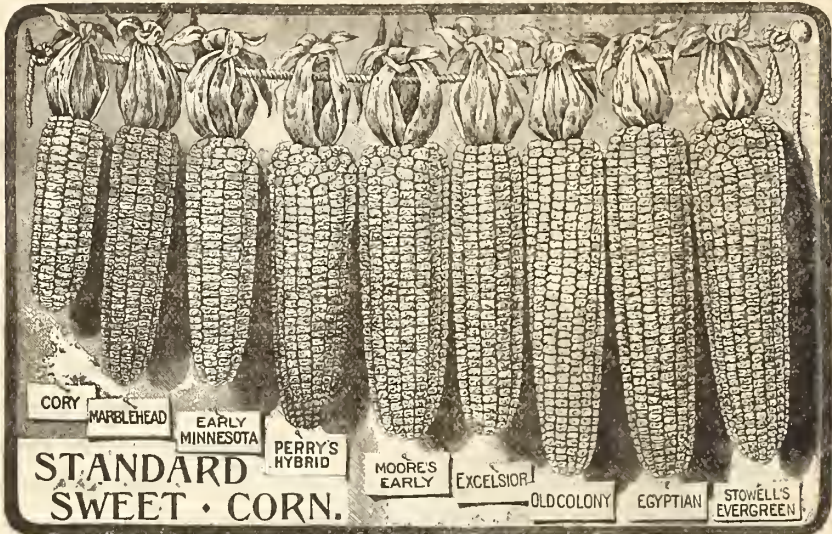
Grant Pera or Mammoth Cucumber.

Extra long, fine for table. Sold by some seedsmen as a novelty. Also **Duke of Edinburgh** and **Telegraph**, **Lord Kenyon's Favorite** and **Marquis of Lorne**, and **Parisian Long White Ridge**.

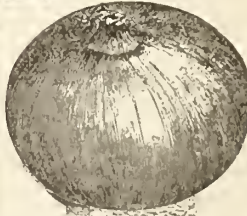
Price, per packet 25 cents.

STANTON BUSH BEAN.

This is the earliest pure white snap-bean grown. We have been unable to supply the demand during the past three years, but this season our crop is fine and we hope to fill all orders. This bean is valuable as an early snap-bean. It is also excellent shelled for succotash, and for cooking dry they are equal to **Marrowfats**, hence we consider it the all-season Bean. **Per bushel, \$4.00.**



Seed Field Corn.



YELLOW GLOBE DANVERS

CHOICE SELECTED



HENDERSON'S NEW BUSH LIMA BEAN.





"Sou" FODDER.

Corn for Fodder, Ensilage, &c.

Our stock of fodder corn is complete. Our "Sou" Fodder corn is from our agent, who picks up our stock early from the best crops grown. Our price will be as low as the lowest.

LEAMING CORN.

This popular and distinct variety of yellow dent corn certainly has, beyond question, reached the grandest success of any yellow dent corn that has ever been brought before the American public. This corn is too well known to enter into a detailed description of its merits here, suffice to say: That it is a very uniform, medium-sized, very early, (maturing in 90 to 115 days), very heavy, long eared corn, with stalk growing medium-tall, and very thick and strong. Our farmers were very successful last season. The sale will be much increased in the future for Ensilage.

Bushnell's Red Cob Ensilage Corn

has gained a world wide reputation. It grows similar to other western and southern corn, very tall heavy stalks, and is grown extensively in Illinois and Missouri. It is too late to ripen in this state but being a rapid grower will produce many tons per acre.

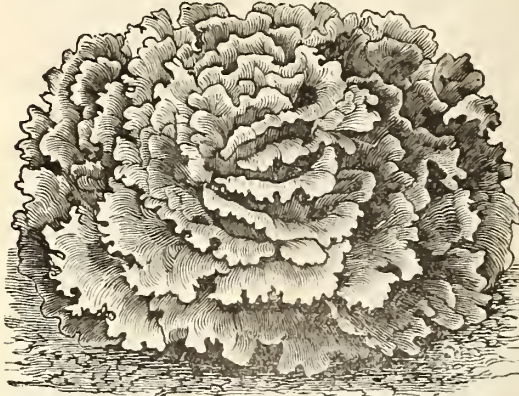


The Pride of the North, By selecting and being grown for many years in Northern Wisconsin, has become quite distinct and is now about ten days earlier than the Leaming and grows two feet less stalk. We carry stock of the PRIDE CORN, and although not prepared to name price now, we will always supply you at low market price.

ONONDAGA LETTUCE.

The Finest Greenhouse Lettuce in Use.

This variety has become famous on account of its superior shipping qualities, etc. It stands being packed closely without the leaves breaking, and when taken out will open tender, crisp and beautiful in shape. This lettuce will stand more heat or cold and sudden changes than any other variety known, hence its value for greenhouse or out-of-door culture. The quality is excellent.



The Onondaga lettuce is no novelty. It is a necessity as every gardner in this county will tell you. It has been grown here for years, and is popular on account of its many good qualities, and in seasons when the seed has been scarce, our gardeners have tried all named varieties in Catalogues in hopes of getting the same, but never found the same sort. This is the reason we call it Onondaga. Our stock this season

is fine. We are in shape to supply the trade both *wholesale* and *retail* at a very much reduced price. We should add that the color when grown in a greenhouse is light green. If exposed to the sun it will be slightly tinged, and when grown out of doors it becomes quite brown. It does not run to seed easily and will grow to immense size if transplanted thinly. **Retail price, 20 cts. oz., \$2.00 lb.**

Mushroom Spawn.

Champignon Brot, *German.*

Champignon, *French.*

CULTURE—Any one in possession of an outhouse or cellar, and who can command a temperature of from 50 to 60 degrees may at any time secure a good supply of mushrooms. The best method is to procure (fresh from the stable) as much short manure as is necessary to make a bed from 14 to 18 inches deep, and any size the house can conveniently hold, throw the manure into a heap for a few days until it becomes heated, and the greater part of the moisture is thrown off; then spread it out for a day or two until dry and quite cool; after which put it again in a heap, and allow it to remain five or six days; it will then be fit to make a bed, which must not be made deeper than stated above. As soon as the heat is about 74 degrees, the bed is ready to receive the spawn. It requires to be broken in pieces about the size of a large walnut, and placed in the manure about two inches below the surface and six inches apart. The bed should then be covered about two inches deep with light soil, and pressed down evenly. If the temperature is right, the mushrooms will make their appearance in from four to six weeks, according to the season. After the bed has been spawned do not water unless quite dry, and, when necessary, use luke-warm water only.



MUSHROOM BED.

French Spawn, in 3 lb. boxes, \$1.00. **English**, per lb. in bricks, 25 cents.

Four Rowed Spring Rye.

Who ever saw Four Rowed Spring Rye? A few years ago we sold one of our customers some SPRING RYE and while it was heading out he discovered something peculiar in the shape of some of the heads, while nearly all were flat or two rowed, there was occasionally one **square, long, very handsome and four rowed.** He selected carefully these square heads and has been growing them separately. The type seems to be well fixed. The grain has the appearance of common Spring Rye only differing in shape of head with double the kernels in each. We consider it a great acquisition. We have shown heads of this Four Rowed Rye to some of the best growers in the State and they pronounce it a

NEW VARIETY.

The culture of Spring Rye has been limited for the past ten years, partly owing to scarcity, or the low price of grain, but now the straw is in great demand and the sale of straw and grain together brings the crop as profitable as anything the farmer can grow.

Spring Rye is profitable to sow with Oats, you can get the average crop of Oats per acre, and the Rye growing so much taller does not obstruct its growth, hence you get the Rye extra. Every farmer

SHOULD TRY THE NEW VARIETY.

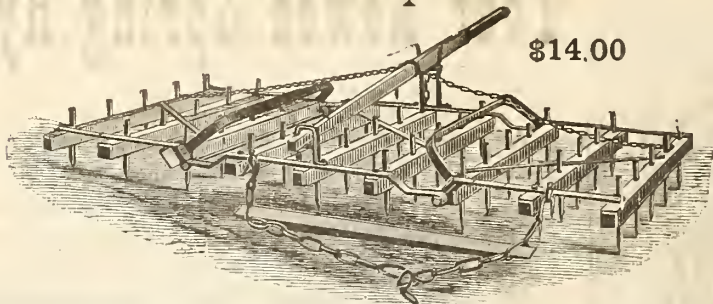
We offer it this year in limited quantities. 1 lb. package by mail, post paid, 40 cts. 3 lbs., post paid, \$1.00. If sent by express with other seeds the cost of postage will be deducted.

We expect a fine crop of common Two Rowed Spring Rye at a nominal price.



Four Rowed Spring
Rye.

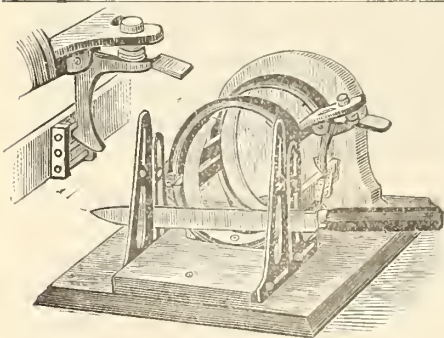
The Evans Triple Harrow.



\$14.00

Evans Two-Section Harrows, \$10.00 One-Horse Gardeners' Harrows, \$6.00
60 Tooth Adjustable Smoothing or Rigid Harrows, \$16.00

Also Several Styles of Wheel Harrows, Special Price.



ACME

Asparagus Buncher.

Price, \$2.50

THE ELLIOTT WHEEL SCUFFLE HOE.

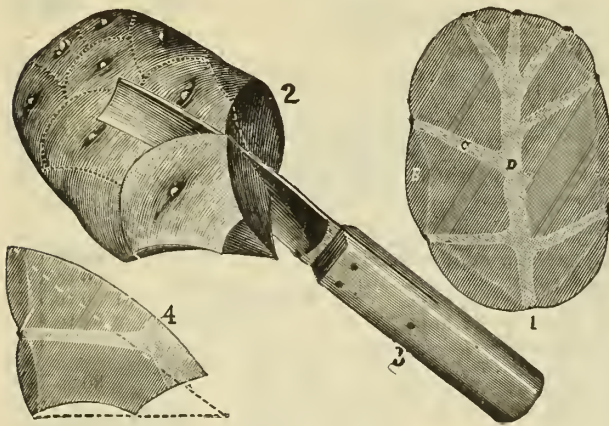
Is comparatively a New Tool in this section. The parts are interchangeable, so it is useful in Onions and other vegetables, also to free walks from weeds, or to use as a Scuffle Hoe among Vines, Small Fruits, &c.

Price, \$5.00



100,000 Berry Baskets for sale and Crates to match. We keep in stock the largest supply of Quart Berry Boxes and Thirty-two Quart Crates of any firm in Syracuse, and job them at bottom prices; don't forget us in the busy season when you need them in a hurry.

THE CONCAVE AND CURVED Seed Potato Knife.



It may be worth hundreds of dollars to you if you will carefully read this and examine the cut.

In making experiments, as per cut No. 1, use a thin, sharp, straight knife, and make a drawing cut. The feeders will show every time.

The combination of Figs. 2 and 3 shows the position of the knife when cutting to one eye.

Price by mail or otherwise, 30 cents.

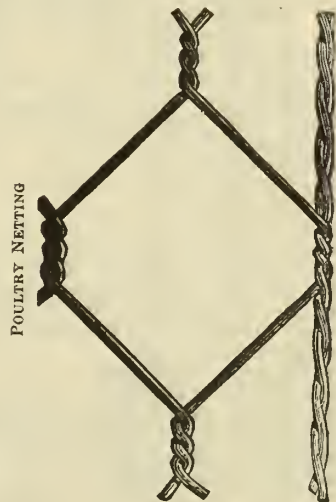
It Has Been Proven Conclusively
that Potatoes Cut to Single Eye give the
Largest and Best Results.

THE LIGHTNING POTATO EYE CUTTER,



does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it and does the work in a scientific manner. No matter how small a crop you intend to plant, you should use this cutter.

Full Directions,
HOW TO PLANT POTATOES CUT TO ONE EYE.
and valuable points in POTATO CULTURE "by a
practical Potato Grower," given with each cutter.
Price 30 CENTS By Mail Post Paid.



We sell POULTRY NETTING and SUPPLIES extensively. If you are expecting to build a hen yard this season, please ask us price stating how many feet you require and we will make you a low estimate.




Horticultural and Gardeners' Small Tools,

KEY TO OPPOSITE PAGE.

No.		Price.
1	Solid Shank Hoe, price.....	\$0 30
2	Notched Scuffle Hoe.....	1 00
3	Narrow Hoe and Rake combined.....	50
4	Socket Common Hoe.....	35
5	Trowel Shape Weeding Hoe.....	75
6	Onion Hoe, "double end".....	50
7	Hoe and Rake, several sizes.....	40 to 80
8	Potato Hook, several sizes.....	25 to 75
9	Secor Weeding Hook, very desirable.....	20
10	Large Plantation Hoe.....	75
11	Thistle Spud.....	50
12	Thistle and Plantation Spud for Lawns.....	50
13	Pruning Shears, we have an endless variety.....	40 to 1 50
14	Hedge Shears, several sizes.....	1 00 to 1 75
15	Sheep and Grass Shears, several sizes.....	1 00 to 1 75
16	Border Shears with Roller or without.....	2 50 to 4 00
17	Spud for pulling vegetables, etc.....	1 00
18	Patent English Weeder.....	25
19	" Scuffle Hoe.....	30 to 50
20	Onion and Celery Plow, Fire Fly.....	2 50
21	Tack Claws.....	15 to 25
22	Pruning and Wood Saws.....	50 to 1 50
23	Mattock, we have several styles.....	50 to 1 00
24	Transplanting Fork of Steel and Malleable.....	25 to 40
25	Wire Leaf Rake.....	60
26	Narrow Mattock.....	75
27	Tree Pruners, several styles.....	1 00 to 3 50
28	Steel Trowels, all grades.....	10 to 60
29	Flower Gatherer, of Malleable and Steel.....	50 to 1 00
30	Lang's Patent Weeder, very fine.....	25
31	Hand Seed Drill.....	2 50
32	Double Edged Pruning Saw.....	75
33	Bill Hook.....	1 00 to 1 50
34	Garden Line Reel.....	50
35	Grape and other Scissors, large assortment.....	25 to 1 00
36	English Lawn Rake, grass and leaves.....	75 to 1 25
37	Straight Edge Whittling and Pruning Knives.....	50 to 1 00
38-39-40	English Pruning Knives.....	50 to 1 00
41-42	Budding and Grafting Knives.....	50 to 1 00
43	Grafting Chisel.....	75 to 1 00
44	English Pruning Hook Knife.....	1 00
45	Dibble, or Dibber for transplanting.....	25
46	Border Knives, English and American make.....	60 to 1 25
47	Floral Sets of four pieces, boxed.....	50 to 75
49	Warren Hoe, quite practical.....	75
50	English and American Grass Hooks.....	25 to 50
51	Steel and Malleable Garden Rakes, all sizes.....	25 to 60
52	English and American Lawn and Grass Scythe.....	50 to 1 50
53	English and American Spades.....	60 to 1 35
54	Latest pattern Steel Garden Rakes.....	40 to 75
55	All styles of Shovels, large and small.....	25 to 1 00
56	Asparagus, Dock, Plantain and Weed Digger.....	30



SEED AND GRAIN TRYERS.

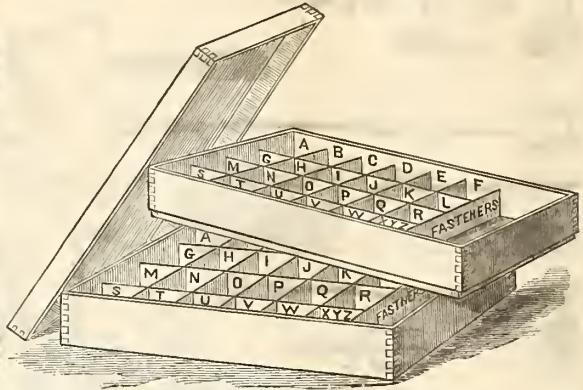
	Large Taper Tryer, Steel Point, Nickled,	Price, \$1.25
	Brass,	1.00
	Small, Straight, " " Brass, .....	.75

A LIBERAL DISCOUNT TO THE TRADE.

BOSTON FLORIST LETTER CO.

Manufacture The Best Letters in the Market.

Sizes 1½ inch and 2 inch, \$2.00 per 100. Patent fasteners with each letter.



With an order for 1000 letters, we furnish a box, such as is represented in the cut.

We carry stock of *Wheat Sheaves*, flat and standing, several sizes, also *Immortelles*, all colors, *White Cape Flowers*, *Florists' Labels* and *Grasses*.

LEWIS'S COMBINATION FORCE PUMP,

PRICE \$4.00.

[Lewis's Improved Potato Bug Exterminator,



PRICE \$1.00.



No. 1 and 2 BRASS SYRINGES, \$2.25, \$3.00 to \$4.50

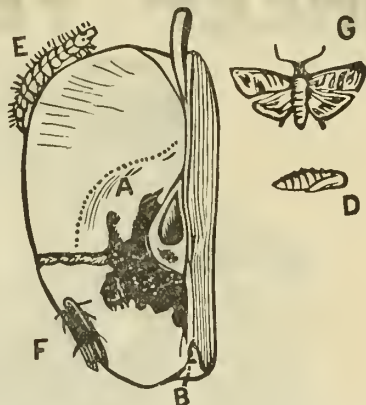


ACCORDING TO THE EXTRAS WISHED.

The Aquaject, or Fire Annihilator.

RUMSEY'S,

\$5.00



We handle a full line of Spraying Pumps, hand size, and those that are used on barrels, price ranging from \$1.00 to \$8.00. It will pay you to spray your fruit trees and berry bushes. If you are not posted write us for Rumsey's Catalogue on Insect Foes. The Aquaject or Fire Extinguisher above is used extensively to wash windows, wagons, or sprinkle flower beds,—it can be operated easily by one person.



THE ECLIPSE Vine and Plant Sprinkler.

(Patented Oct. 26, 1886, and Improved for 1888.)

A New and Valuable Improved Water Sprinkler, and Sifter Attachment.

Especially adapted for applying Paris Green, Water or Paris Green Powder Compounds, Plaster, Ashes, Etc., to Potato Vines and other Plants.

THE ECLIPSE SPRINKLER is now time-tried (over 30,000 in use) and thoroughly recommended as a universal necessity.

Price complete for Water and Plaster, \$1.25
Water only, - - - - - \$1.00

(Three dozen, crated, weigh about 100 pounds.)

THE FARMER'S FAVORITE POTATO BUG EXTERMINATOR,

Is a perfect duster to use Paris Green or Plaster, or any Powder, Slug Shot, Etc.

We furnish full Directions for use with every Exterminator.



Adjustable Corn Husker.

One of the best in use.

By Mail, 15 cents; Two, 25 cents.

SHEEP FERTILIZER



FOR PLANTS AND LAWN DRESSING. QUICK, LASTING AND ECONOMICAL.

This is a Plant Food of great merit, carefully prepared with a view of supplying a Manure which shall contain all the elements necessary for the perfection of plant life. The ingredients have been so arranged that, while accelerating luxuriant growth, permanent benefits are secured by a continuance of nourishment to the plant. It is safe to use, and suitable for every purpose where a fertilizer is required. It is the only Manure we use on Lawns; it is absolutely free from fowl seeds and a natural grass producer. Price per 100 lbs. \$3.50.

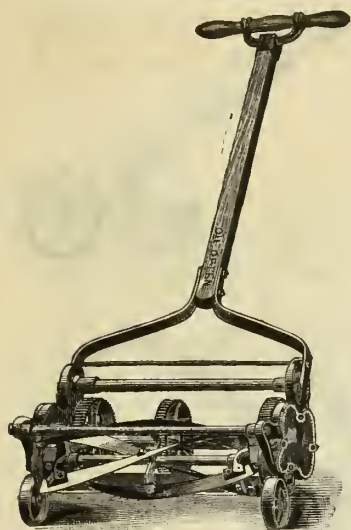
LAWN FERTILIZER.

For a lawn fertilizer that is cheaper than Sheep Fertilizer use **pure raw bone**. It will give the grass a dark green color, acting very quickly and not fill the lawn full of fowl weeds. If there are spots in your lawn where the grass dies out and has the appearance of the work of insects, use our Velvet Lawn dressing which contains tobacco and is a sure cure as well as an excellent fertilizer. The above is all that is necessary for a perfect lawn after the *ground is well prepared* which should be done as long before sowing as possible.

LAWN SEED.

We have only to refer to the *best Lawns of Syracuse* to show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaptation to soils, the time of maturing, height, color, &c., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We have reached the goal in this line and we are sure there is no better mixture for lawns than ours. In the first place we intend to have our *Lawn Seed strictly pure*. We examine every variety under a glass before we mix them, that our lawn seed may be free from fowl weeds. We use all fibrous rooted perennial grasses so that they will stand the drouth and close cutting with the lawn mower without killing. We select grasses that harmonize in size in order to produce a fine velvety appearance and form a thick covering on the ground.

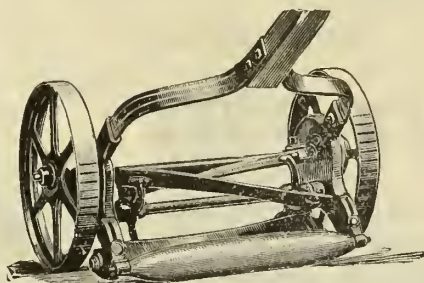
The reputation of our Lawn Seed extends throughout the country, and it is now used in many of the cemeteries, parks, public and private grounds in the State, and is as staple as sugar. We put it up in quart packages with full directions for sowing on each package, or sell it in bulk as desired. If your groceryman does not keep it you can order it direct. Price per quart package 25 cents; per pound loose 30 cents. One quart package will cover twenty feet square of new lawn.



WE SHALL SELL
LAWN MOWERS

—THIS SEASON—

At Prices Regardless of Cost.



FRISBIE'S NEW LION.

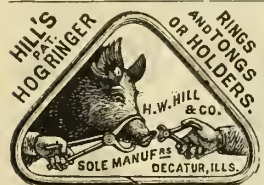
—FOR—

Side Drive Lawn Mowers

—WE SELL THE—

GARDEN CITY, "THE LION," NEW, BAY STATE, GRANITE STATE, PHILADELPHIA & BOSTON.

These are Lawn Mowers that will do any ordinary mowing, are durable and easy running, and can be sold for a less price than the "Easy." We will place one on any lawn in competition with any other named lawn mower, subject to the approval of the operator. *Satisfaction guaranteed or no sale.* **Retail Price as low as any first class Mower.**

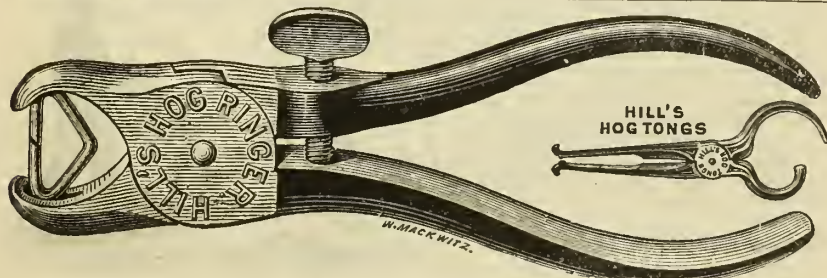
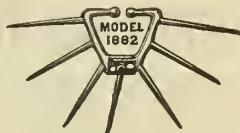


Calf Weaner.

No. 1.....30c.

Cow Weaner.

No. 2.....40c.

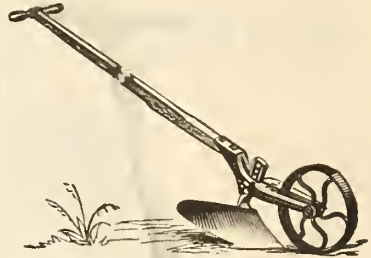
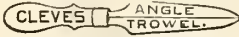


The Prices of HILL'S HOG RINGS, RINGING TOOLS, &c., have been reduced.



One of the very best hand appliances ever introduced for rapid work. We know no better weeder.

Price prepaid by mail, 30 cents, at our store, 25 cents.



FIREFLY WHEEL PLOW, \$2.50

THE JEWEL

Is the Latest Hand Weeder with two wheels, and has all the Teeth Attachments necessary to do any kind of weeding.

Price \$4.50.



THE GEM

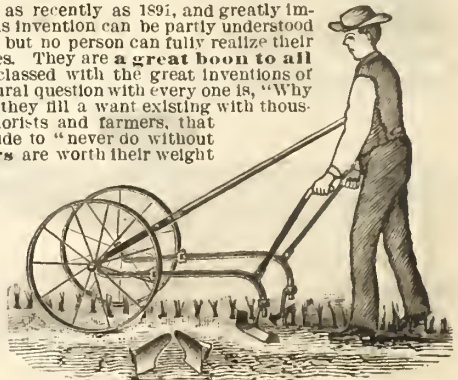
Is the Best One-Wheel Hand Cultivator in use.

Price \$4.00.

Everitt's Man-Weight Cultivator, Plow, Hoe, Drill, Etc.

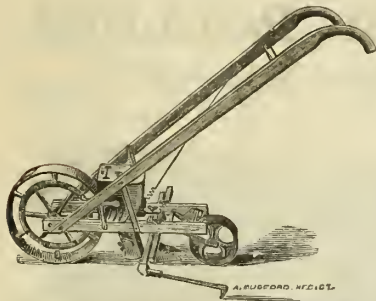
Invented and patented by J. A. Everitt, as recently as 1891, and greatly improved for 1892. The great advantage of this invention can be partly understood by studying the accompanying illustration, but no person can fully realize their grand advantages until he uses the machines. They are a great boon to all cultivators of the soil, and must be classed with the great inventions of the age, yet they are so simple that the natural question with every one is, "Why did I not think of that?" And so nicely do they fill a want existing with thousands of gardeners, nurserymen, seedmen, florists and farmers, that after the first trial they invariably conclude to "never do without them." The Man-Weight Cultivators are worth their weight in silver, if not in gold, to anyone who cultivates the soil. All who have used the machines unanimously indorse them in the strongest language they know how to use.

A trial by any person will demonstrate the wonderful utility of these machines, and the person possessing them will make it impossible for his neighbors to compete with him in raising crops.



Double Wheel Man-Weight Cultivator.

Price \$8.00.



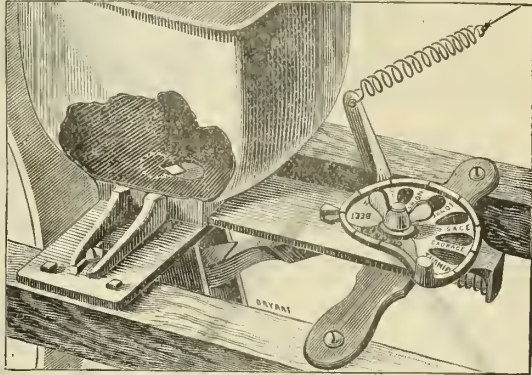
The New Model Seed Drill.

We place the New Model Drill at the head of the list because there is where it properly belongs. This Drill contains all the good points of every old drill in the market, with this point in addition: The slide or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shape, as shown in cut below, which is another advantage for rough or irregular shaped seeds.

Price, \$8.00

INDEX—As shown by enlarged cut the index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and as stated above, can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to consult any table of references.

CUT-OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.

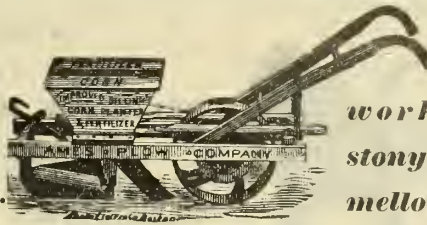


IMPROVED BILLINGS' PLANTER AND FERTILIZER.

Time Saved.

Better Work.

Quicker Results.



Perfect work whether stony sward or mellow land.

Superior to all for Planting Field, Ensilage and Fodder Corn, Broom Corn, Beans and other Seeds of like size.

CAN ALSO BE ARRANGED FOR DROPPING BEET SEED.

This Planter has proved itself perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, and anyone can at once understand and manage it. It performs work with certain and good effect on stony and sward lands, as well as on mellow intervals or other smooth land, thus asserting its superiority over all other planters. One horse is sufficient for draft, and seven to ten acres can be planted by one man in a day. The work can be done at once and when the ground is in best condition to receive the seed, and far better than is possible to plant by hand. The importance in the saving of time will be readily understood, and the superiority of the work done is substantiated by the fact that corn planted by this machine germinates much quicker and comes up much more uniformly than if planted by hand.

By a very simple but certain and unerring device, this machine may be gauged to drop any desired quantity of Seed or Fertilizer at a time, at equal and various distances apart, in hills or drills of uniform depth.

Size 18 in. wheel, plants 7, 14, 28, 56 inches apart, price all complete, \$19.

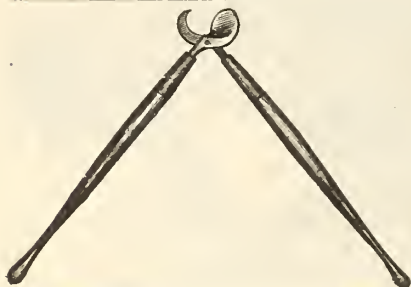
SUPERIOR STEEL ROLLERS.

These Rollers are made of Sheet Steel thick enough to stand a severe blow with a sledge hammer without denting, they are made several sizes, the smallest a fine **Lawn Roller** in one or two sections, large enough in diameter to draw easily and have a weight box that can be filled with stone or other substance to give the required weight for your land and yet light to handle when unloaded.



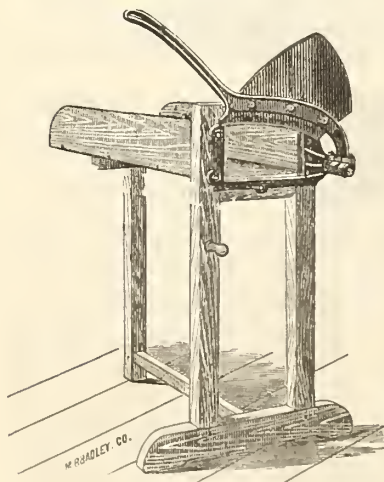
Price \$35.00 With Seeder, \$45.00

We also handle Wooden Land Rollers that we can supply upon short notice. They are too bulky to carry in stock.



Lopping Shears, the Finest in the Market.
Price, \$1.00 to \$3.50.

Examine Our 25 ct. Flexible Back Curry Comb. Just the thing for ALL horses, especially Nervous and Sensitive ones.



“NONESUCH,”
NEW YORK AND
BELL CITY HAND MACHINE.

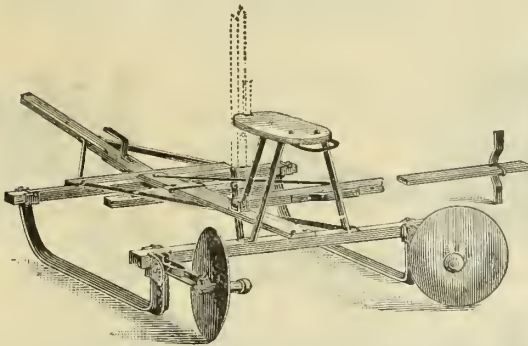
Daniels' New Power Cutter,

with Carrier or without
IS THE FINEST POWER CUTTER
WE HAVE EVER HANDLED.

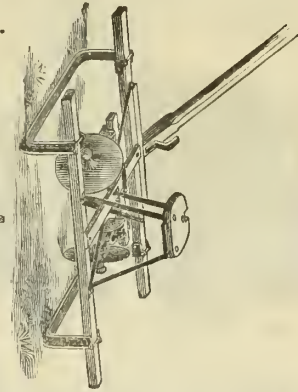
Every Machine Warranted as Represented.

SOLD BY A. D. PERRY & CO.

All Kinds of Feed Cutters, Lowest Market Price.

DARNELL'S PATENT FURROWER AND MARKER.**IMPROVED. Price \$20.00.**

As a Furrower.



Double Furrower and Coverer.

In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus *increasing the work instead of lessening it.*

We have a genial, ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

We ride while he walks.

We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground *and do it better.*

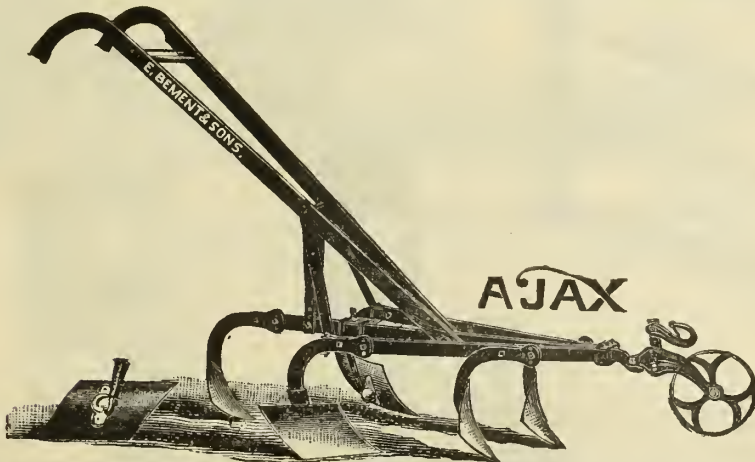
We open four to six furrows while he opens one in filthy ground, he wasting precious time unclogging his plow and "skipping the naughty words" while we glide smoothly on.

We make a ridge or double furrow by once driving across the field, while he must drive all the way back again, or two to one.

We cultivate plants or *plow to and from* by straddling the row and working both sides at once, while he must "coax" first the one side and then the other, or another two to one.

We cover evenly at any depth, while he tries and fails.

We are *done our work* and have almost forgotten it, while our dear "economical" neighbor trudges on.

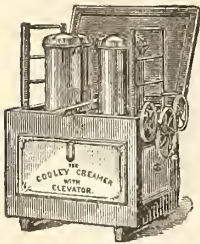


Cultivator all Steel Frame and Teeth. They combine all the desirable points in any cultivator made. This season we have the AJAX Cultivator with the Lightning Adjusting Attachment so arranged that the operator can change from wide to narrow without stopping his horse.

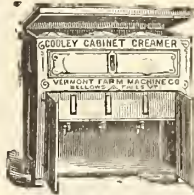
Price of regular old style, complete, \$6.00 Of New Shifting Cultivator, \$7.00

PRICE LIST OF DAIRY IMPLEMENTS

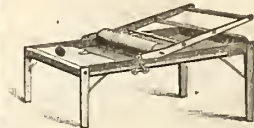
Manufactured by the Vermont Farm Machine Company, Bellows Falls, Vt., can be had of us if you will ask for it. We are agents for their full line of CREAMERS, &c. We show a few styles on this page.



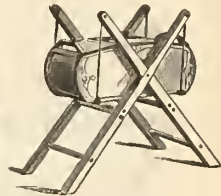
With Elevators.



Cabinet Style.

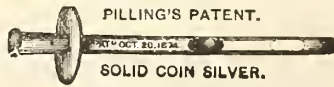


Eureka Butter Worker.



Davis Sizing Churn.

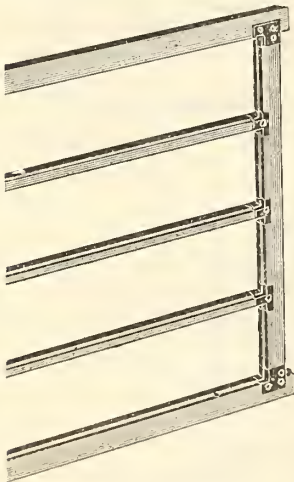
Milking Tubes



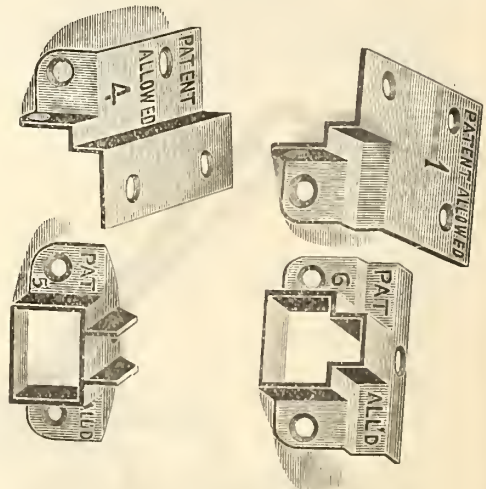
PILLING'S PATENT.
 PAT. OCT. 20, 1894.
 SOLID COIN SILVER.

For Sore and Obstructed
 Teats and Hard Milking
 Cows.

DIRECTIONS.—The long rounded end of the tube is inserted in the orifice of teat, when the milk will flow without the use of the hands. It is best to wet the Tube with a drop of milk or water before using. Remove the Tube when milk ceases to flow. If in some cases, the obstruction is further up the teat than can be passed by the regular length you should have a longer tube, and as it can be made any length, answers for all purposes.



THE GARDENERS' HOT BED SASH.



USED BY THE LEADING HORTICULTURISTS OF THE COUNTRY.

These Sash are made of **Clear Cypress** lumber, and braced with malleable iron or steel plates. They have no mottles or tenons, and consequently no places to hold water and rot. They are stiffer than any other sash, and do not become racked by constant handling. They are practically indestructible and you can not afford to use any other.

Price per dozen, \$18.00 Sample Sash, \$2.00

THE HOOSIER

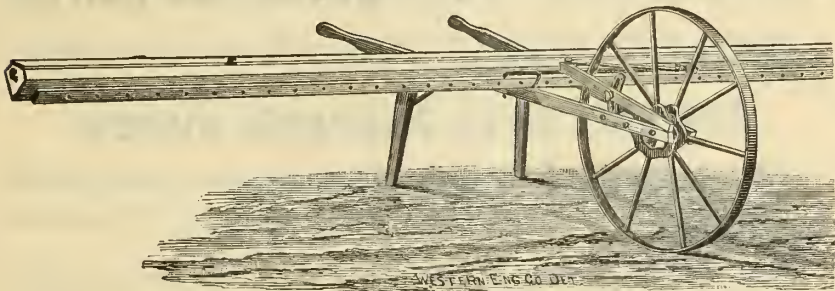
Broadcast Hand Seed Sower.

For Sowing Wheat, Rye,
Buckwheat, Rice, Flax, Oats,
Millet, Grass Seed, &c.

Price, \$2.50

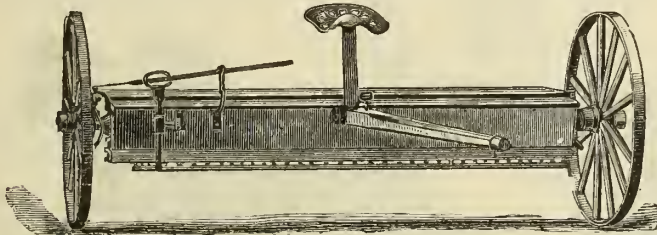


WHEELBARROW SEEDERS.

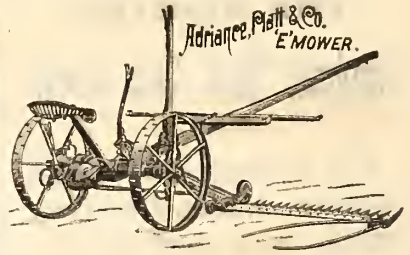


With Rubber, Wire or Twine Distributers. With Wooden or Iron Wheels.
They can be worked by anyone who can run a wheelbarrow.
Price \$6.00 to \$8.00 each. We are Agents for this County.

PLASTER SOWER.



This machine will sow Guano, Bone Dust, Plaster, Ashes, Salt, Lime and all Fertilizers, any quantity per acre desired, at the rate of from 25 to 30 acres per day. It is not designed to sow grain. **Price on Cars, \$40.**



WE HANDLE A FULL LINE OF

ADRIANCE, PLATT & CO.'S MOWERS AND REAPERS,

Extras always on hand for all the old Buckeye Mowers made at Poughkeepsie, N. Y., and their new

ADRIANCE REAR DISCHARGE BINDER.

The only Binder in the market that *two horses* can handle with ease.

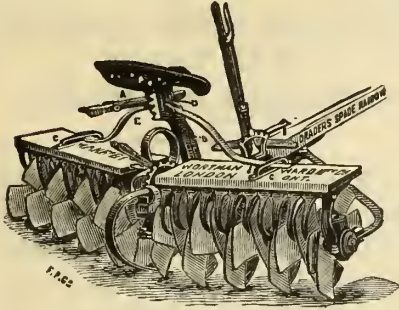
The only Binder that is perfectly safe to run on our *rolling grounds* without tipping over.

Built of the best **Malleable Iron and Steel**, with less than half the machinery of any other binder in use.



CUTAWAY

Spading and Pulverizing Harrow.



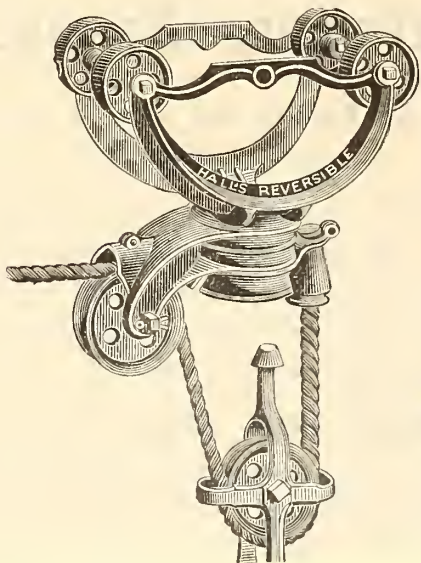
No Farmer can farm it at a profit without one.

They pulverize all lumps, place sods below the surface, bring the finest dirt to the top. Will cover grain nicely and are the best all round Harrow in use.

PRICE REDUCED FOR 1892.

Write for circular and prices if you do not visit us and examine the tools and be convinced.

Hall's Reversible Car



Is made entirely of *Malleable Iron*, light and durable.

IT RUNS BOTH WAYS ON
THE TRACK
WITHOUT CHANGING.

This car runs on a wooden track 4 x 4, or it can be made of two by fours nailed together, suspended by the Iron hooks which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at a small expense. We are having a very large sale on Hall's Carrier to agents. Write us for

KERSHAW'S Hay Elevator & Car

SIMPLER AND BETTER THAN EVER

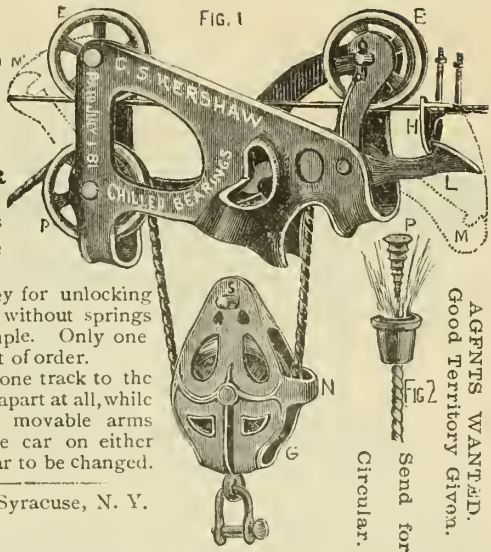
Five inch hoisting wheels with chilled bearings
 Fig. 2 shows Swivel coupling at end of rope
 prevent twisting and kinking as others do.
 A new device at the top of the hoisting pulley for unlocking
 the car and transferring the weight to the car without springs
 or other trouble some devices. Perfectly simple. Only one
 piece. Operates automatically. Can't get out of order.
 Remember this car can be transferred from one track to the
 other in five minutes' time and without taking apart at all, while
 the others must be taken all to pieces. The movable arms
 (see dotted lines in the cut.) securing the car on either
 track only need to be unhooked to allow the car to be changed.

Manufactured by E. C. STEARNS & CO., Syracuse, N. Y.

—FOR—

C. S. KERSHAW, Syracuse, N. Y.

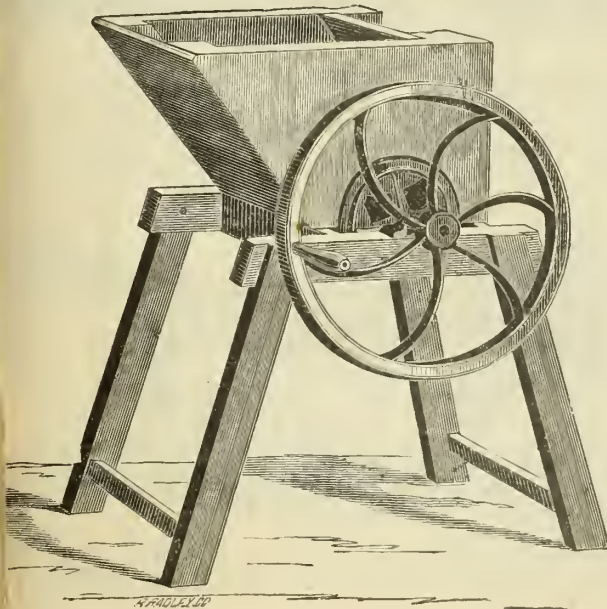
Address all Orders to A. D. PERRY & CO.



AGENTS WANTED.
 Good Territory Given.

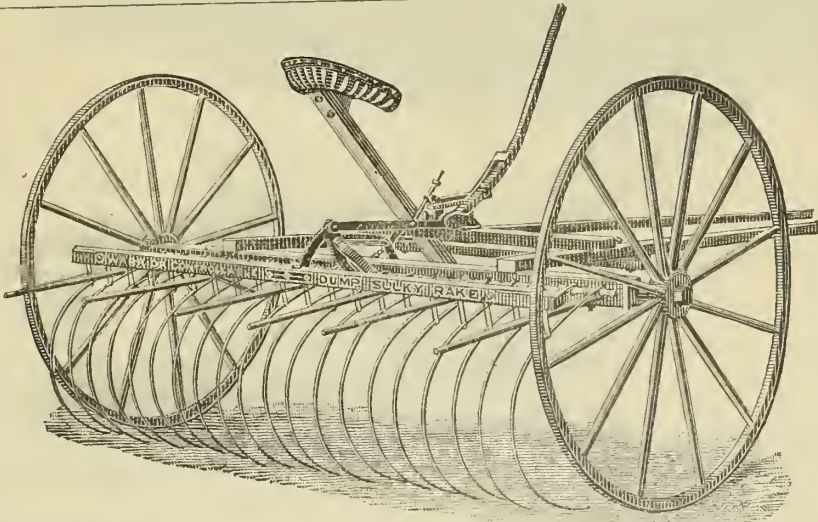
FIG. 2
 Send for
 Circular.

VEGETABLE CUTTERS.



1½ is a new size, made with
 eighteen curved knives, like
 3½, but has lighter frame and
 wheel, works very easy and
 will readily cut one bushel a
 minute. Price, \$12.00.

No. 2½ is made with eighteen
 curved knives cutting off thin,
 narrow strips about three-
 quarters of an inch wide and
 one-half inch thick, cutting
 very fine—a kind of slice very
 much approved of by some
 feeders for calves or fine sheep,
 and is especially desirable
 when the cut roots are to be
 mixed with cut hay, straw or
 stalks. Some farmers prefer
 cutting slices this size for cat-
 tle. Price \$15.00.



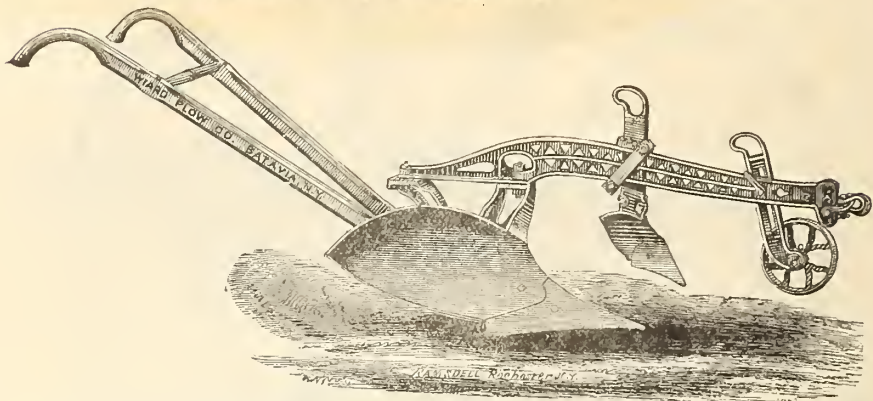
WHEEL RAKES { The "National," twenty-two teeth.....Price, \$25 00
 The "Taylor," No. 4, twenty teeth... .. " 22 00

BULLARD HAY TEDDER.



There is no investment a farmer makes that pays better than a **BULLARD HAY TEDDER**. Over twenty years in use and the first machines made still running. Belcher & Taylor are now making two sizes, *One and Two Horse*, with parts interchangeable. Price very much reduced. Give us your order early.

WIARD'S CELEBRATED PLOWS.

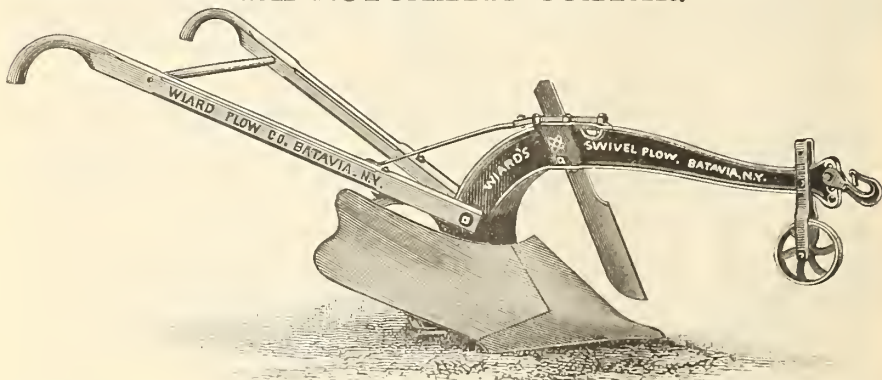


WIARD'S PATENT ADJUSTABLE MALLEABLE IRON BEAM CHILLED PLOW, Centre Draft, Right Hand.

We have sold their make of Plows for years with great success; we carry in stock some ten sizes to suit all kinds of soil. We warrant each plow to do first class work when properly adjusted. After a day's trial in the field, if it fails to give satisfaction, notice must be given us, and a day's time given to make it work as represented, failing in which the Plow can then be returned. If used longer than one full day the Plow will then be considered sold. We warrant the Malleable Iron Beams against bending or breaking for one year. We also warrant other Beams, Mold boards, Landsides, and Wheel and Jointer Standards against breakage from any flaw or defect in their manufacture, during the current year.

Price of Points Reduced for 1892.

THE WIARD SWIVEL PLOW WITH AUTOMATIC COLTER.



The Best Plow in the World for hillside or flat land and for cutting roots, or use in rough or stony ground. *The Colter is made of Steel*, is adjustable in height, is easily kept sharp for cutting grass or other roots; draws easier than any other Plow made and costs no more than if rigged with Jointer. *We speak of this more especially for the reason that, wherever known, this Automatic Colter has given most perfect satisfaction, and our orders for it are much larger than ever before. Whoever has a Wiard Swivel Plow with Automatic Colter and adjustable Clevis, needs no other Plow for any work of the farm.*

PLOWS AND PLOW CASTINGS.

We are now carrying the largest line of Plows and Plow Castings that can be found in Syracuse. We can supply parts for nearly every Plow in use in this county. If you have an old favorite Plow and want parts, call on us. If you wish to change and get the best running Plow you ever saw, call on us, we can suit any kind of soil. If you are not sure of the name or number of your Plow that parts are wanted for, bring along the old part and we can fit you out with Wiard, Munnsville, Phelps, Dutton, Syracuse, Robinson, etc. Prices reasonable. Half dozen lots special price.

BEEF SCRAPS.

Ground\$3.00 per 100 pounds.
In Cakes..... 2.00 " " "

CRUSHED OYSTER SHELLS AND SEA SHELLS.

50 lb sacks..... \$ 75
100 lb. bags..... 1 00
200 lb. bags..... 2 00
350 lb. barrel, per hundred..... 0

BONE MEAL.

30 lbs., sacks included.....\$ 90
60 lbs., bags " 1 80
100 lbs., bags " 2 50
Fine, for Cattle..... 4 50

GRANULATED BONE.

30 lbs., sacks included.....\$ 90
60 lbs., bags " 1 80
100 lbs., bags " 2 50
Fine, for Cattle..... 4 00

IMPERIAL EGG FOOD.

1 pound.....\$ 45
2½ " 85
6 " 1 50
10 " 2 40

EGG AND CATTLE FOOD.

Prolific Egg Food, 1 lb. package.....25 cents.
Marsden's Egg Food, 2 lb. package.....25 "
Boss Egg Food, 1 lb package.....10 "
Medicated Nest Eggs, per dozen.....35 "
China Nest Eggs, per dozen.....30 "
Poultry Netting, all sizes, per sq. ft.. 1 cent.
Marsden's Cattle Food (a superior food of our own manufacture) 10 lb. pkg. \$1 00
Haven's Roup Pills, per box.....25 cents.

BIRD SEED, Etc.

Canary, Rape, Maw Seed, Washed Bird Gravel, Hemp, Millet, Cuttle Bone, Mocking-Bird Food.

Our Bone Meal and Crushed Shells are expressly manufactured for fowls from superior stock, pure and sweet. Our bird seeds, etc., are pure, fresh and of excellent quality. We guarantee satisfaction as to quality of goods.

Bags, Extra......20c. each.
Sacks, Extra10c. each.

Orders promptly filled and all communications cheerfully answered. Samples and prices sent on application. Our illustrated catalogue of seeds, implements and machinery sent free to any address. Terms Cash.

The Space for Hens.

To put it at 6 square feet of room (3 feet by 2 feet) for each one, in which to roost and exercise, is not far from right.

For a Bracing Tonic in Winter,

And one that will in a measure guard against roup, it is only necessary to add to the water a few drops of a solution of sulphate of iron (green vitrol) to give it a slight mineral taste. The water will assume a rusty appearance, but this is quite immaterial.

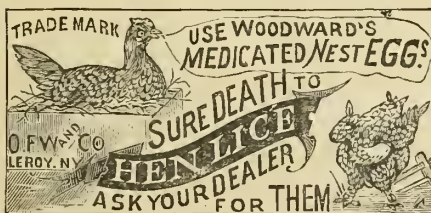
It's a Hen's Natural Business to Lay Eggs,

And a good many of them; if she does not it is because nature is hindered. Now in nature hens get much green food, insect food and some meat, and if we would have them at their best for laying when eggs are high-priced, then we must see to it that this part of the diet is all right.

PROLIFIC POULTRY FOOD

Prevents Roup, Gapes and Cholera. It has no Equal for Moulting Fowls.
Price per Package, 25 Cents.

We
MANUFACTURE
and
WHOLESALE
or
RETAIL
the



MARSDEN'S
POULTRY FOOD.
Put up in
Two Lb. Packages
Retails at
25 Cents Each.

**HAVEN'S
ROUP PILLS**

For ROUP, CATARRH, COLDS and DISTEMPER.
They entirely cured my fowls of Roup.—Abram Wolfe, Lebanon, N. Y.
Haven's Roup Pills are simply wonderful.—C. Truex, harness dealer, Freehold, N. J.
I have found them a perfect success in Roup.—Peter H. Quackenbush, Manalapan, N. J.
Price 25 cents per box; sent by mail, prepaid, upon receipt of price.
A. D. PERRY & CO.



POST PAID BY

MAIL FOR \$ 1.00.

"YOU CAN SUBSTITUTE ANY VARIETIES IN OUR LIST FOR THE ABOVE OF SAME VALUE"

W. D. PERRY & CO'S CATALOGUE OF SEEDS 217 WARREN ST. SYRACUSE, N.Y.