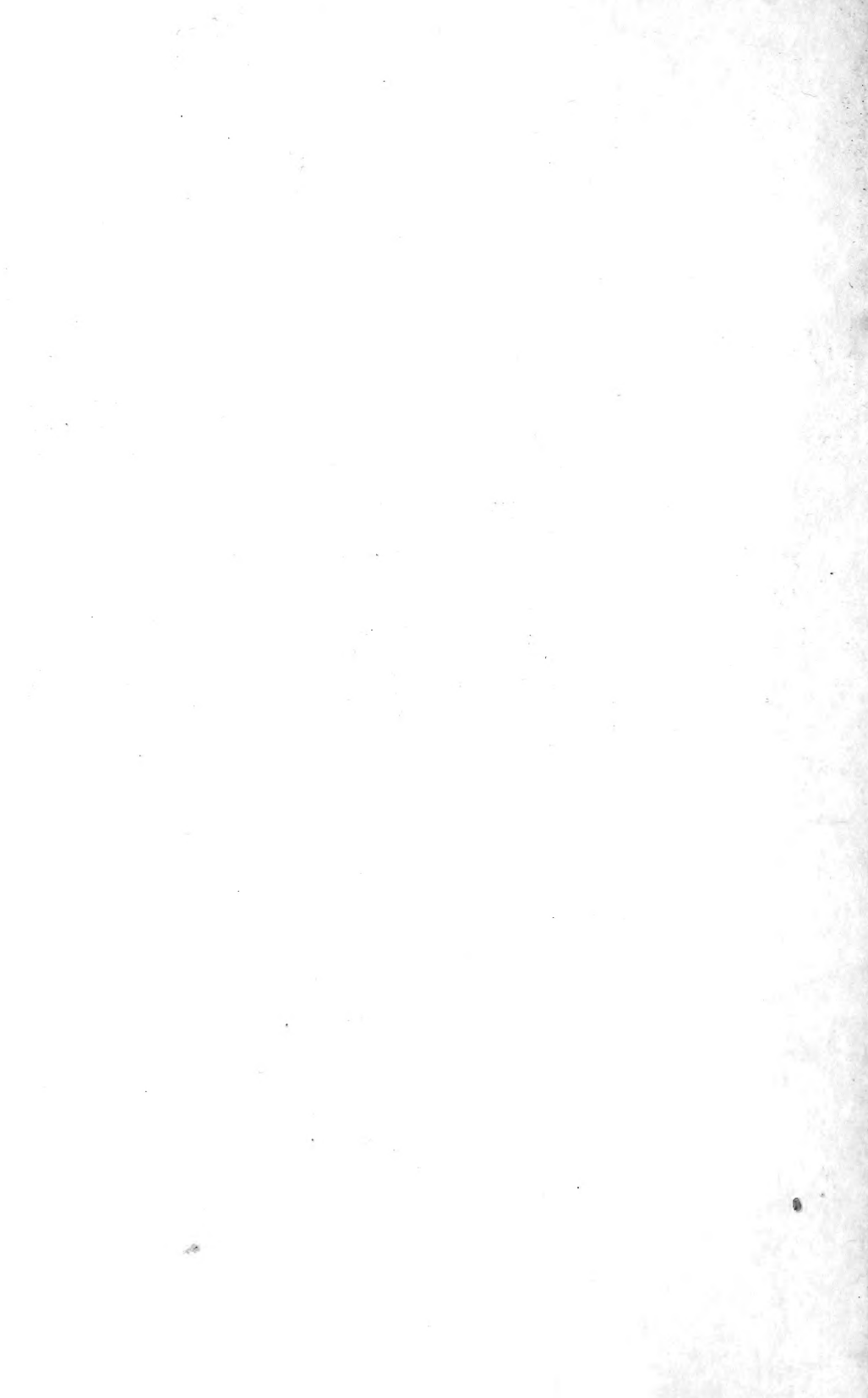


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The

W. W. TRACY, Jr.

# THE J. H. Kellogg

Department of Agriculture  
Washington, D. C.

## SEEDS Bulbs

37<sup>TH</sup>  
ANNUAL  
CATALOGUE

1868-  
1905



COPYRIGHT 1902, BY STECHER LITHO. CO., ROCHESTER, N.Y.  
REG. IN U.S. PATENT OFFICE.

*Hardware, Implements,  
Drain Tile - Tin Shop - etc.*

# SYRACUSE N. Y.

STECHER LITH. CO. ROCHESTER, N.Y.

# PRICE LIST

## RAFFIA, REED AND SWEET GRASS.

### REED.

No. 00	Reed.....	per lb,	\$1.50	per oz.	15c
1	"	"	1.00	"	10c
2	"	"	1.00	"	10c
3	"	"	1.00	"	10c
4	"	"	1.00	"	10c
5	"	"	.75	"	10c

### RAFFIA.

White.....	per lb.	30c	per oz.	5c
Natural.....	"	25c	"	5c
Colored—in 8 shades,	"	75c	"	10c
SWEET GRASS.....	"	\$2.50	"	20c

Books of instruction on Raffia work and Basketry Illustrated mailed on receipt of 40c.

**Mail and Express Orders given Prompt Attention**

## BOOKS==IT PAYS TO READ==BOOKS.

We will send any of these books, postpaid, to any address upon receipt of prices annexed.

<p>Asparagus Culture—50 cents          Beet Sugar Culture—50 cents          Gregory on Cabbages—40 cents          Cauliflowers and How to Grow Them—By Francis Brill. 30 cents.          Celery Culture—By J. C. Vaughan. 50 cents          Dairy for Profit—Illustrated. 40 cents.          Concerning Lawn Planting—35 cents.          Feathered Pets—Complete Book on Birds. 40 cents.          The Practical Fruit Grower—Cloth, 50 cents          Maple Sugar and Sugar Bush—By Prof. A. J. Cook. Profusely illustrated. 40 cents.          Mushroom Culture—By W. Robinson. 50c.          Can furnish promptly any book needed for</p>	<p>Gregory on Onion Raising—What kind to raise and how to raise them. 30 cents.          A B C Potato Culture—35 cents.          Five Hundred Questions and Answers in Poultry Raising—35 cents.          Strawberry Culture—35 cents,          Silos, Ensilage and Silage—Cloth, 50 cents          Tomato Culture—135 pp, illustrated. 40 cts.          Our Farm of Four Acres, and the Money we made by It—Paper cover, 12 mo. 40 cts.          How to Plant and What to Do With the Crops—60 cents.          Vegetables Under Glass—By A. Dreer. 35c.          Raffia and Basketry work Illustrated 40c.          the Farm, Garden, Lawn, Greenhouse, etc</p>
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## USEFUL TABLES.

Of Plants per Acre at the following distances apart

1	ft. by 1	ft.....	43,560	6 ft. by 6	ft.....	1,210
1½	"	1½	19,360	8	"	680
2	"	1	21,780	9	"	537
2	"	2	10,898	10	"	435
2½	"	2½	6,969	12	"	302
3	"	1	14,520	15	"	193
3	"	2	7,260	18	"	131
3	"	3	4,840	20	"	103
4	"	4	2,722	25	"	70
5	"	5	1,742	30	"	48

Number of Plants Produced from 1 oz. of Seed.

	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

## SEED SOWN PER ACRE.

Seed Sown per Acre. Wt. per bu

Timothy, ¼ to ½ bu.....	44 lbs
Lucerne, or Alfalfa, 30 lbs	60 lbs
Clover, Red, 10 to 15 lbs.....	60 lbs
Clover, Alsike, 5 to 10 lbs.....	60 lbs
Clover, Crimson, 15 lbs.....	60 lbs
Sainfoin, 20 lbs.....	60 lbs
Red Top, 2 to 2½ bu.....	14 lbs
Blue Grass, 2 bu.....	4 lbs
Orchard Grass, 2 bu.....	14 lbs
Yellow Sand Clover, 15 lbs	60 lbs
White Clover, 6 to 10 lbs.....	60 lbs
Sweet Vernal, 1 to 1½ bu.....	10 lbs

Seed Sown per Acre. Wt. per bu

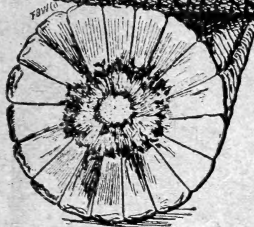
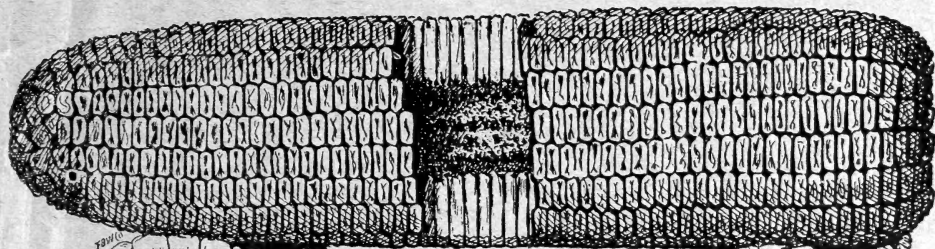
Millet, ½ to ¾ bu.....	50 lbs
Hungarian ¾ to ¾ bu.....	48 lbs
Wheat, 2 bu.....	60 lbs
Buckwheat, ¾ to 1 bu	48 to 50 lbs
Rye, 1 to 2 bu.....	56 lbs
Oats, 2 to 3 bu.....	32 lbs
Oats, Winter, 1¾ bu.....	32 lbs
Barley, 2 bu.....	48 lbs
Flax Seed, 6 qt.....	56 lbs
Corn, ¼ bu.....	56 to 60 lbs
Potatoes, 6 bu.....	62 lbs
Sweet Corn, ¼ bu.....	about 45 lbs

Seed Sown per Acre. Wt. per bu

Peas, 2½ bu.....	60 lbs
Beans, 1 to 1½ bu.....	62 lbs
Pumpkin Seed, 2 qt.....	27 lbs
Turnip, 1 lb.....	
Spinach, 8 lbs.....	42 lbs
Beet, 4 to 6 lbs.....	
Squash, 2½ lbs per acre.....	
Parsnips, 4 to 5 lbs.....	
Cabbage, ¼ lb.....	
Cucumber, 1 lb.....	
Carrot, 2½ to 3 lb.....	20 lbs
Onion, 5 to 6 lbs.....	56 lbs

NON-WARRANTY.—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

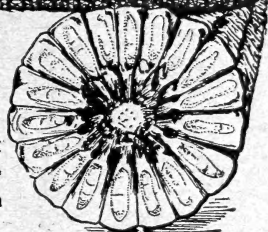




## IOWA GOLD MINE



The Deepest Grained, Purest Yellow Corn in Existence. 3



**BEST VARIETY** of yellow corn in the world. We sold large quantities of this magnificent variety last season, and our farmers without exception were greatly pleased with its strong germinating qualities, and especially the large yield. It grows 12 ft. or more in height, according to the season and climatic conditions. Last season was very unfavorable for corn, but the Iowa Gold Mine held its own, and much of it grew about 13 ft. high, sample of which was shown at the State Fair.

We are again looking for a large demand this season, and would advise placing orders early. Last season we were unable to fill all of our orders on account of not being able to secure the corn.

It is well adapted to this locality, and we consider it superior to the Leaming or Pride of the North.

We have a fine stock to offer this spring. Price \$1.50 per bu.

**SEED CORN.** We will be prepared to supply our trade with White, Yellow, Smut Nose and Dent Field Corn. Prices will be reasonable this season. We would suggest placing orders early in order to secure the best stock. Can also furnish all the different sorts of Sweet Corn.

**BEARDLESS BARLEY.** This is a fine yielder, with a strong growth of straw. A barley without the objectionable beards, which gives it a superior feeding value. These features combine to make it the best and most profitable barley known. Beardless Barley was introduced by us several years ago, and has proved to be very popular. Price \$1.00 per bu.

**HARDWARE.** Would call special attention to our Hardware Department. We have a well selected stock suited to our trade at reasonable prices. Also would call your attention to our Tin Shop, connected with our store. Work of all kinds done on short notice.

**FARMING IMPLEMENTS.** Would call particular attention to this department of our business. Can supply everything in this line at reasonable prices. If you need a Corn Binder, Reaper, Mower, Grain Binder, Roller, Harrow, Riding Cultivator, 5 or 7-tooth Cultivator, Potato Planter, Horse-Corn Planter, including a Check-Rower attachment, Spraying Tools, Plows, or any of the things necessary to work a farm with, call and see us. Can furnish Catalogue with full particulars. If you wish will send special agent to see you. We represent the leading manufacturers in this line.

Our Implements and Machinery are made outside of the trust.

**NEW SWEET PEA GLADYS UNWIN.** The finest Pink Sweet Pea yet introduced, a striking and sterling novelty, quite fixed and distinct, and a great acquisition.



**BEARDLESS BARLEY.**

Gladys Unwin has a very large and bold flower, not hooded, but with a very striking upright crinkled or wavy standard and broad wings. Colour, a pale rosy pink. A striking feature is that about 75 per cent. of the long flower stems are with four blooms, which is a most unusual thing in Sweet Peas. It was first raised four years ago, viz., in 1901, and has kept perfectly true and fixed in character each year since. Price 25c per pkt.

**SAN JOSE SCALE.** Formula—50 lbs. of lime, 50 lbs. of sulphur and 50 lbs. of salt to 150 gallons of water boiled together for an hour has been found to give the best results. The mixture should be strained through a fine screen to remove the grit and sediment and prevent clogging of the pump.

**IF** in doubt what to sow on your land sow clover seed. You can't have too much of it and feed it out on the farm.

**TO PREVENT SMUT IN OATS.** Formula—1 pt. of formalin to 20 gal. of water, wet 20 bu. (or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc. for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.

**THE MAN** who makes two weeds grow where but one grew before by sowing the seed on his well prepared soil is a fool. Buy Clean Seed.

**WEED SEED** is a dear purchase at any price. The home supply is more than enough.

# Nearly Forty Years in Business.

In presenting our ANNUAL SEED BOOK, we feel that a brief reference to our business will be of interest to our patrons. For nearly forty years this house has been located in this same block, having been established by Mr. A. D. Perry, the pioneer seedsman. This is the only strictly Seed House in Central New York. Being importers of the choicest flower and garden seeds, bulbs, etc., and dealing as well in the more common sorts of field and garden seeds, implements, drain tile, hardware, etc., we are abundantly qualified and equipped to care for our constantly increasing trade. We wish to thank all who have contributed to our welfare, and greatly appreciate their loyalty and generous patronage.

We supply everything for the **Farm, Garden, Lawn, Greenhouse, Dairy and Poultry Yard**, and again take this opportunity of thanking our many loyal friends and patrons for past favors and generous patronage. Respectfully Yours,

JANUARY 1st, 1905.

F. H. EBELING, SEEDSMAN.

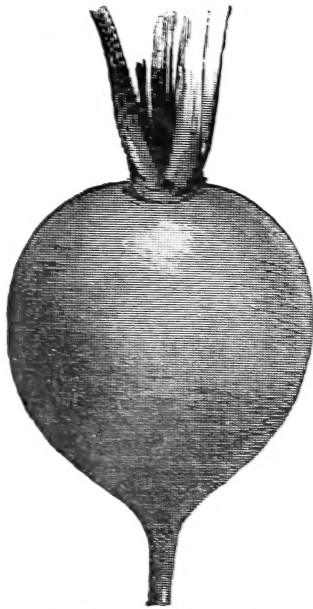
## SPECIAL ANNOUNCEMENT.

**INCUBATORS** Never before in the history of Poultry Raising has  
**BROODERS** such a large capital been invested, such high prices for  
**POULTRY** eggs and poultry or such a demand; and never such *Low*  
**SUPPLIES** *Prices* for Incubators and Brooders. They are now within  
the reach of every one. The celebrated Cyphers Incubators and Brooders  
are now offered by us at a largely reduced price. The quality and high  
grade of these machines, however, are maintained. Those keeping fowls,  
or contemplating going into the raising of poultry, will find it profitable  
to consult us before purchasing their supplies. We can furnish everything  
from a Nest Egg to an Incubator. All supplies such as Incubators,  
Brooders, fixtures and necessary foods, etc., are always kept in stock.  
We are sole agents for the CYPHERS CELEBRATED INCUBATORS,  
BROODERS and all supplies manufactured by them. See pages 61, 62,  
63, 64 and 65 for full particulars.

**AMERICAN** Prices never so low for this "Famous Fencing." We will  
**STEEL** make Special Prices to induce liberal buying. Have taken in  
**FENCING** 4 car loads of this fencing and can supply all of the leading  
sizes at low prices. To those who buy early, a special price will be made.  
"A word to the wise is sufficient." This is now the official fencing of the  
railroads.

**BOWKERS'** Those contemplating the use of Fertilizers will find it  
**CELEBRATED** to their interest to place their orders early. We have sold  
**FERTILIZERS** these fertilizers for many years, and they are equal, or  
superior to the best on the market. We will give a handsome illustrated  
calendar of the home of George Washington's ancestors to any one who  
will make application for same.

**WAVERLY** These Oats are new, originating in Scotland and imported  
**OATS** by us. Have grown 80 bushels to the acre in this county.  
For full particulars, see page 13.



DETROIT DARK RED.

Half Long Blood. An excellent half long, second early; good also for winter use . . .	10	65
Lentz Blood Turnip. Small top, round, dark red and grows large, but is always sweet and tender; a good winter sort. . . . .	10	65
Long Blood. Long, smooth and very dark red; a late variety. Our strain of this variety cannot be excelled. . . . .	10	50
Mammoth Long Red Mangel. . . . .	10	20
Yellow Mammoth or Intermediate. . . . .	10	20
Yellow Ovid Giant. . . . .	10	20
Yellow Globe Mangel. . . . .	10	20
Vilmorin's Improved Imperial Sugar. . . . .	10	20
Golden Tankard Sugar. . . . .	10	25
Taber's Gate Post, new mangel. . . . .	10	30
Swiss Chard, for greens. . . . .	10	60
New Ideal Mangel. See page 15. . . . .	10	50

<b>ASPARAGUS.</b> Spargel. . . . .	Per oz.	Per lb
Barr's Mammoth, very large, early. . . . .	\$ 10	\$ 75
Palmetto, large, tender, light green. . . . .	10	75
Conover's Colossal, very large. . . . .	10	75
Asparagus Roots of the above varieties, per 100. . . . .	1 00	

<b>SPECIAL PRICES FOR QUANTITIES.</b>		
<b>BEEF.</b> Runkel Rube.		
Bassano, Early Flat. An early, tender variety; color, light red. . . . .	10	65
Bastian Early Blood Turnip or Lentz. Very early red variety; not quite so flat as Bassano. . . . .	10	65
Crimson Globe. Globe-shaped; flesh deep purple. . . . .	10	65
Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian, is thicker and less inclined to push up a woody neck as it advances in growth . . . . .	10	65
Detroit Dark Red. Round, skin dark red; flesh light red; very sweet. . . . .	10	65
Dewing's Blood Turnip. Improved variety of deep blood-red; fine form and flavor . . . . .	10	65
Eclipse Blood Turnip. Very early, round, smooth and dark red; very small top, and is one of the best for market. . . . .	10	65
Edmand's Turnip. One of the very best strains for market gardeners; small top, round, handsome and very dark red. Our stock is very fine. . . . .	10	65
Extra Early Egyptian Blood Turnip. One of the earliest table beets; small tops, color very dark red; flat and smooth. . . . .	10	65

<b>BEANS.</b> (Bush) Garten Bohne.	Per qt.	Per bu
Golden Wax, Improved. . . . .	\$ 30	\$ 7 00
Black Wax, yellow goods. . . . .	30	7 00
Davis' Kidney Wax. . . . .	30	7 00
Wardwell's Kidney Wax. . . . .	30	7 00
Golden Eyed Wax. . . . .	30	7 00
Valentine Wax. . . . .	30	7 00
Early Long Yellow, six weeks, green pod. . . . .	25	4 50
Dwarf Horticultural. . . . .	30	6 00
Improved Valentine. . . . .	25	5 00
Mohawk, one of the earliest. . . . .	30	5 00
China Red Eye. . . . .	20	4 50
Boston Yellow Eye. . . . .	20	5 00
Refugee Pickling Bean. . . . .	25	5 00
White Kidney. . . . .	20	3 50
White Marrow. . . . .	20	3 50

<b>BEANS.</b> (Pole or runners).	Per qt.	Per bu
Dreer's Golden Cluster Wax . . . . .	\$ 30	\$
Black Wax. . . . .	30	
Lazy Wife, pole. . . . .	30	7 00
Burpee's Bush Lima, large. . . . .	30	6 00
Dreer's Bush Lima. . . . .	30	6 00
Early Jersey Lima, new. . . . .	30	6 00
King of the Garden Lima. . . . .	30	6 00
Siebert's Early Lima. . . . .	30	7 00
Cranberry, Speckled or Wren's Egg. . . . .	30	6 00
Case Knife, white flat. . . . .	30	6 00
Scarlet Runner. . . . .	40	8 00
White Dutch Runner. . . . .	40	8 00
Onondaga Pole. . . . .	30	6 00
Broad Windsor. . . . .	40	

<b>Broccoli,</b> Spargel-Kohl.		
Early, large (French), per oz. . . . .	35	
South Hampton, per oz. . . . .	35	
<b>Brussels Sprouts,</b> Rosen Kohl.		
Dwarf, Fine French. . . . .	20	1 75

<b>Borecole.</b> or Kale. See Kale or Blatterkohl.		Per lb.
Green Curled or Kale. . . . .	20	75
Purple or Brown Kale. . . . .	15	75

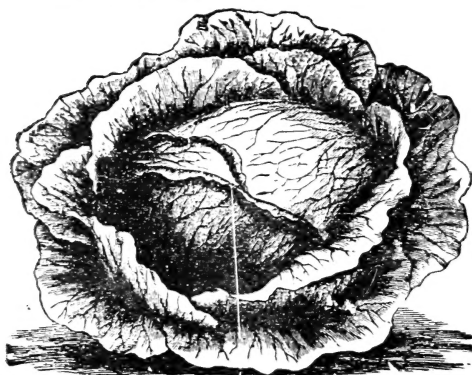
ADDITIONAL FLOWER SEED LIST ON PAGE 21.

TIN WORK MADE AND REPAIRED PROMPTLY.

Hier wird Deutsch gesprochen.



EARLY JERSEY WAKEFIELD.



PERRY'S PREMIUM BRUNSWICK, SHORT STEM

<b>CABBAGE</b> Kopf-Kohl.	Per oz.	Per lb.
ALL HEAD, the only extra early, round flat headed cabbage, very solid, can be planted 21 inches apart	\$30	\$3 00
Volga Cabbage, new. See page 12.	30	4 00
Allen's Early Flat Dutch . . . . .	25	2 00
Henderson's Early Summer . . . . .	25	2 00
Winningsstadt, early . . . . .	25	2 00
Early Ox Heart, or Etampes . . . . .	25	2 00
Early Jersey, Wakefield . . . . .	25	2 50
Succession, L. I. grown . . . . .	25	2 00
Sure Head Cabbage . . . . .	25	2 00
Exceelsior White Dutch . . . . .	25	2 50
Fotler's Brunswick . . . . .	25	2 00
Danish Ball Head, Imp . . . . .	30	3 00
Hollander . . . . .	30	2 00
Gregory's All Season . . . . .	25	2 00
Premium Flat Dutch . . . . .	25	1 75
Large and Lute Drumhead . . . . .	25	1 75
Marblehead Mammoth . . . . .	25	1 50
Warren Stonemason . . . . .	30	2 50
Red Dutch, "Erfurt," early . . . . .	25	2 50
Red Rock, late, . . . . .	25	2 00
Large Dark Red Drum'd . . . . .	25	2 00
Globe Savoy . . . . .	25	2 00
Victoria Savoy . . . . .	30	2 50

**GENUINE DENMARK  
GROWN CAULIFLOWER  
SEED.**

Imported annually from our Denmark growers for many years. The best Gardeners in this section have used our strains for years. A sure header, a fine yielder and a money maker.

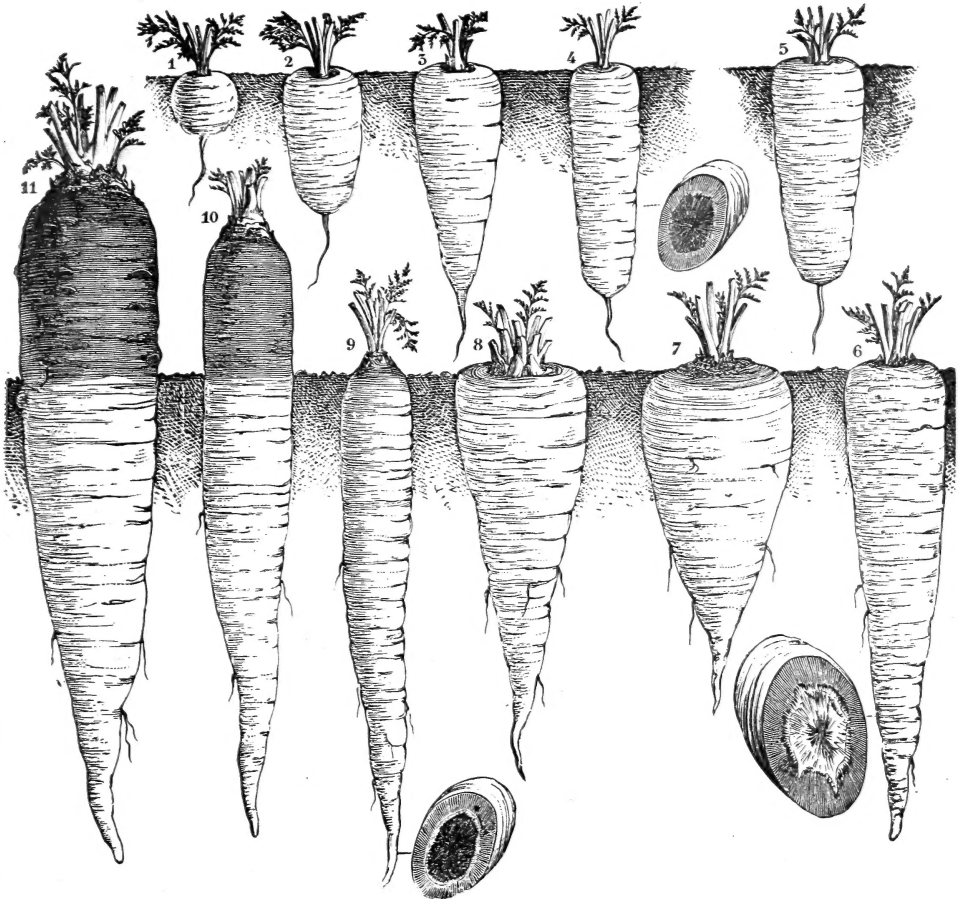
<b>CAULIFLOWER</b> -BlumenKohl	Per oz.
Ebeling's Snowball, extra small leaf, fine large head . . . . .	\$ 3 00
Ebeling's Dwarf, Erfurt, fine quality, true . . . . .	3 00
Half Early Paris, large heads.	75



TRUE SNOWBALL CAULIFLOWER

**FORMULA FOR MAGGOTS ON CABBAGE PLANTS.**

Mr. Jacob Sneller, of Cicero, N. Y., has given us the following formula for Maggots on Cabbage plants. Shake the plants out thoroughly to free from dirt and dip the roots in a weak solution of salt and water. It is important that the roots should be free from the dirt. Sowing the salt on the bed is also very beneficial. If slug-shot is sown on the bed just before the plants come through the ground it will prevent their being destroyed by bugs.



THIS CUT SHOWS TRUE SHAPE OF CARROTS.

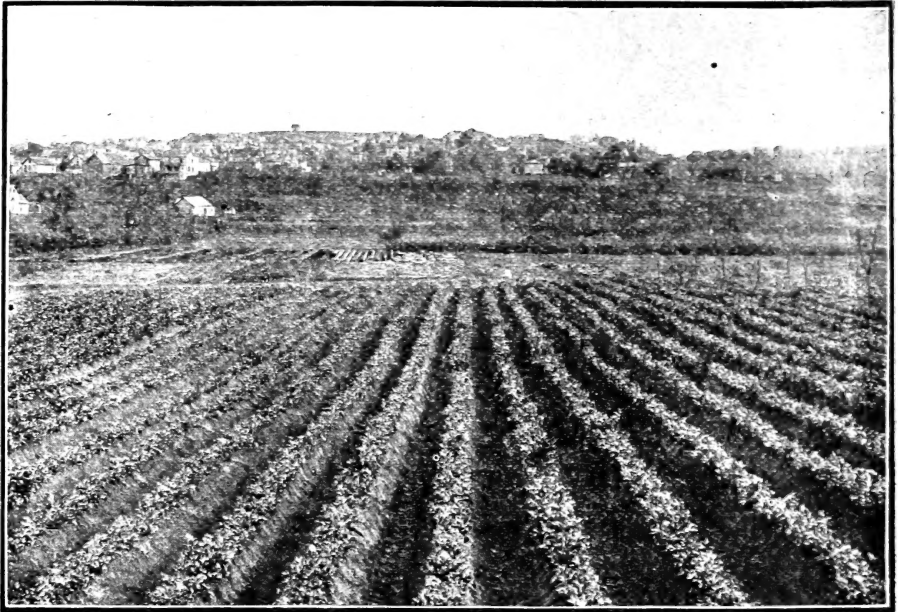
**CARROTS, Gelbe Ruben.**

	Per oz.	Per lb
1. Early French Forcing, nearly round, small, very early, . . . . .	\$ 10	\$1 00
2. Early Horn, early scarlet, very early, . . . . .	10	1 00
3. Danver, medium size, tapering root, orange yellow, . . . . .	10	90
4. Chantenay, finest quality for table, . . . . .	10	90
5. Half Long Danvers, rich, dark orange, . . . . .	10	90
6. Saint Vallery or Point Rooted Danver, . . . . .	10	75
7. Large White Vosgas, for cattle, large yielder, . . . . .	10	60
8. Half Long Pointed, St. James' new, . . . . .	10	65
9. Altringham, red for butter, . . . . .	10	60
10. Long, Orange Green Top, yellow, very productive, . . . . .	10	75
11. Large White Belgium, very productive, . . . . .	10	60
Meaux Large, red, stump rooted, smooth, fine for table, . . . . .	10	1 00
Oxheart (or Guerande), thick stump rooted, . . . . .	10	75

USE OUR GROUND BONE, SHEEP FERTILIZERS AND LAWN SEED. GLASS, PUTTY, HARDWARE AND TIN SHOP.

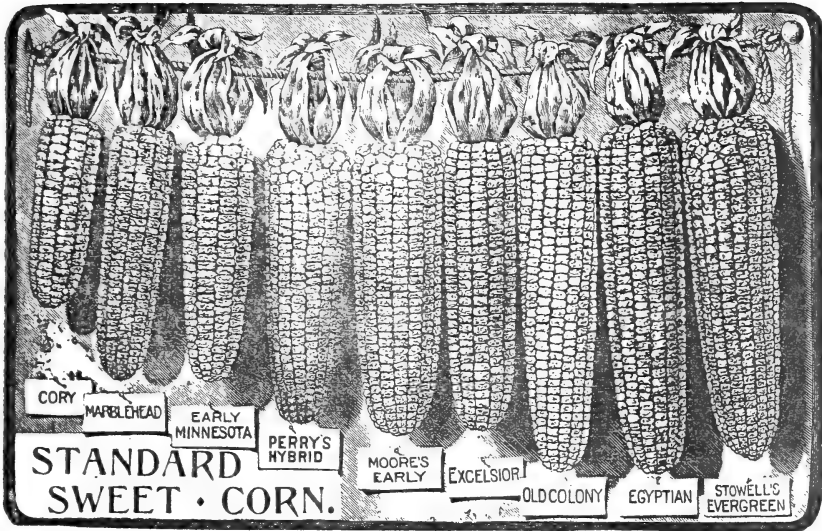
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A FIELD OF OUR WHITE PLUME AND PARIS GOLDEN CELERY.  
Grown by Emanuel Smith on Grand Avenue, This City.

<b>CELERY</b> , Sellerie.	Per oz.	Per lb
<b>BOSTON MARKET.</b> Popular in the markets of Boston; a strong grower, remarkably tender and crisp, . . . . .	\$ 20	\$1 50
<b>CRAWFORD'S HALF DWARF.</b> Very solid, creamy white when blanched; fine flavored, . . . . .	20	2 00
<b>DWARF GOLDEN HEART.</b> Resembles the Half Dwarf White in habit of growth; very solid and the heart is of a golden yellow when blanched; excellent keeper, . . . . .	20	2 00
<b>PARIS GOLDEN SELF BLANCHING.</b> Our strain of this variety is unexcelled and absolutely reliable; this sort is without doubt the finest early Celery in cultivation. It is perfectly solid, of a fine, nutty flavor, attains a good size, and when blanched is of a handsome golden yellow, . . . . .	40	3 50
<b>EVANS' TRIUMPH.</b> Fine green variety, large and solid, . . . . .	30	2 00
<b>GIANT PASCAL.</b> The largest variety grown, is also the best keeper; of fine, nutty flavor, very easily blanched; deservedly popular for fall and winter use	20	1 75
<b>GIANT WHITE SOLID.</b> Attains large size, is a quick grower, solid, crisp and a good keeper, . . . . .	20	1 75
<b>WHITE PLUME.</b> A well known and perhaps the most popular variety of Celery; very early, ornamental, and for quality surpassed by none, . . . . .	20	2 00
<b>KALAMAZOO WHITE SOLID DWARF.</b> Grown extensively by Celery growers at Kalamazoo, Michigan; a dwarf white variety, easily blanched; a good keeper and popular as a shipper, . . . . .	30	2 00
<b>NEW ROSE.</b> The best of all the red or pink varieties, combining hardness, solidity and keeping qualities; for crispness, and fine, nutty flavor, it has no superior, . . . . .	30	3 00
<b>PERFECTION HEARTWELL.</b> A large, solid, fine flavored, sort of creamy white color; a fine winter sort, . . . . .	20	2 00
<b>PINK PLUME.</b> Practically identical with Improved White Plume, but with the added merit of the stalks being richly suffused with pink, . . . . .	30	3 00
<b>SOUP CELERY.</b> Seeds for flavoring soups, pickles, etc., . . . . .	05	75
<b>CHICORY</b> , Chichorie.		
Improved Large Leaves for Greens, . . . . .	15	75
Large Rooted for Coffee, . . . . .	15	75



**SWEET CORN.**

Per qt. Per bu.

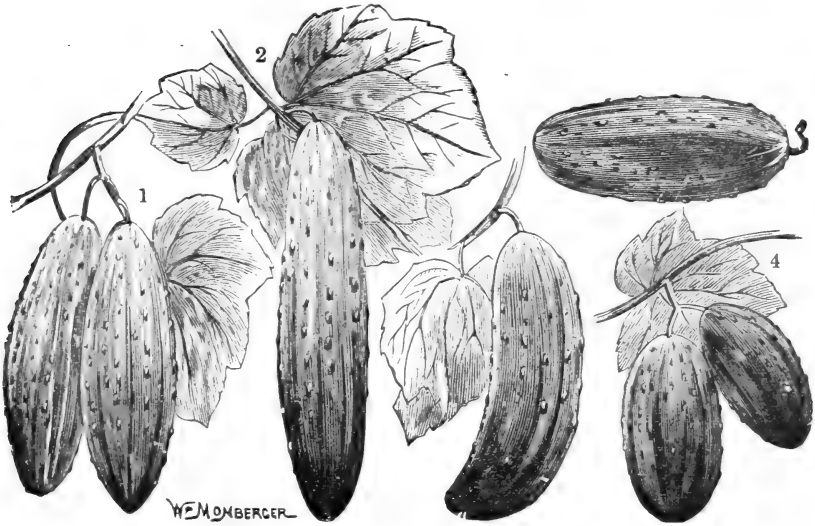
<b>EARLY MONARCH</b> —Very white, 12 14-row, large, early as Ballard, frequently 2 ears on a stalk, very sweet, most desirable, second early in the market, . . . . .	30	\$ 5 00
<b>PEEP OF DAY</b> —Extremely early, pure white, small cob, very sweet, . . . . .	30	5 00
<b>EARLY EVERGREEN</b> —12 rows, 10 days earlier than Stowells, . . . . .	25	4 00
<b>CORY RED</b> —Earliest 8-row, red cob 6 inches long, . . . . .	25	4 00
<b>CORY WHITE</b> —Similar to Cory Red, . . . . .	25	4 00
<b>MARBELHEAD</b> —Extra early, Red Cob, very fine, . . . . .	25	4 00
<b>PERRY'S HYBRID</b> —Early 12-rowed, large ears, stalks of strong growth, 2 ears to the stalk, . . . . .	25	4 00
<b>EARLY MINNESOTA</b> —8 rowed, large sweet kernals fine standard sort, . . . . .	25	4 00
<b>CROSBY EARLY</b> —12-row, second early, 10 to 12 row, medium size, . . . . .	25	4 00
<b>BALLARD'S RED COB</b> —Similar to Perry's Hybrid, . . . . .	25	4 00
<b>MOORE'S EARLY CONCORD</b> —Large, handsome 14-rowed, fine quality, . . . . .	25	4 00
<b>ASYLUM</b> —Large, fine late, . . . . .	25	4 00
<b>SHAKER'S</b> —Early, large ears, fine quality, . . . . .	25	4 00
<b>EGYPTIAN</b> —Large, very late, tall growing, very sweet tender, fine for canning, . . . . .	25	4 00
<b>STOWELL'S EVERGREEN</b> —Extra fine quality, stalks of strong growth, 2 ears to the stalk, very sweet, large kernals and slender cob, . . . . .	20	3 00
<b>COUNTRY GENTLEMAN</b> —A cross of the Stowell's Evergreen and No Plus Ultra, slender and deep kernals, very productive and sweet, . . . . .	25	4 00
<b>BLACK MEXICAN</b> —Medium early, 8-row, very sweet, . . . . .	25	4 00
<b>HICOX'S IMPROVED SUGAR</b> —Very fine late, large ears, popular canning variety, . . . . .	25	4 00
<b>ANGEL-OF-MIDNIGHT</b> , . . . . .		2 00
<b>EIGHT-ROWED YELLOW</b> , . . . . .		2 00
<b>EIGHT ROWED WHITE</b> , . . . . .		1 50
<b>PRIDE OF THE NORTH</b> , . . . . .		1 50
<b>LEAMING</b> —Early fodder corn, . . . . .		1 50
<b>"SOU"</b> —Fodder corn, . . . . .		1 00
<b>EVERGREEN</b> —Sweet corn for fodder, . . . . .		2 00
<b>IOWA GOLD MINE</b> , . . . . .		1 50
<b>HURON DENT</b> , . . . . .		1 50

Per oz. Per lb.

<b>CORN SALAD</b> , Ackersalat. Large round leaved or small seeded, . . . . .	\$ 15	\$1 00
<b>CHERVIL</b> , Gartenkerbel. Curled, . . . . .	20	2 00
<b>CRESS OR PEPPERGRASS</b> , Kresse, . . . . .		
<b>CRESS</b> —Garden curled, . . . . .	10	75
<b>WATER CRESS</b> —DWARF—Fine curled, . . . . .	25	2 50

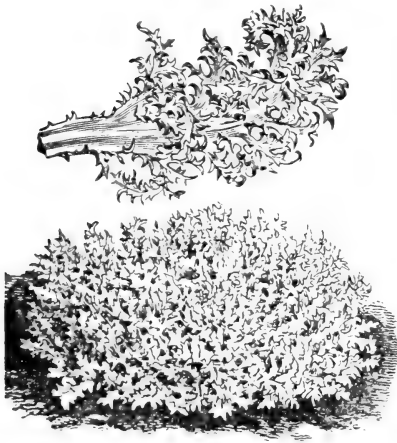
**SPECIAL PRICE ON SEED FOR CASH. BARGAINS IN PLOWS.**

Bei uns wird Deutsch gesprochen.



THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White spine.



ENDIVE.



KOHL RABI.

**CUCUMBER, Gurke.**

Per oz. Per lb

Arlington. A selection from the White Spine, which is more pointed at each end. The young fruits are unusually crisp and tender and are of very dark green color; fine for small pickles. . . . . Pkt. 5c;	\$ 10	\$1 00
Hill's Forcing Early White Spine, . . . . .	10	1 00
Fordhook White Spine, . . . . .	10	1 00
Green Prolific, extra early, . . . . .	10	1 00
Early Russian, . . . . .	10	1 00
Early Frame, . . . . .	10	1 00
Early Cluster, . . . . .	10	1 00
White Spine, Improved ext. stock, . . . . .	10	1 00
Long Green, . . . . .	10	1 00
Giant Pera, . . . . .	per pkt.,	20
Telegraph, per doz., seed, . . . . .	"	25
West India Gherkin, . . . . .	"	25

**EGG PLANT, Eierpflanze.**

Per oz. Per lb

New York Improved, . . . . .	35	3 00
Black Pekin, . . . . .	30	3 00

**ENDIVE, Endivien.**

Yellow Early (not curled), . . . . .	20	1 50
Green Curled Winter, . . . . .	20	1 25
Fine Curled Summer, . . . . .	20	1 50
Broad Leaf or Escarola, . . . . .	20	1 50

**GARLIC, Knoblauch. . . . . Sets**

**HERBS, See page 11.**

**KALE, or Borecole. See Borecole.**

Green Curled, . . . . .	15	85
Siberian Curled, German Greens, . . . . .	15	75

**KOHL RABI.**

White, above ground, . . . . .	25	2 00
Purple, above ground, . . . . .	25	2 50

**LEEK, Lauch. London, broad flag, . . . . .**

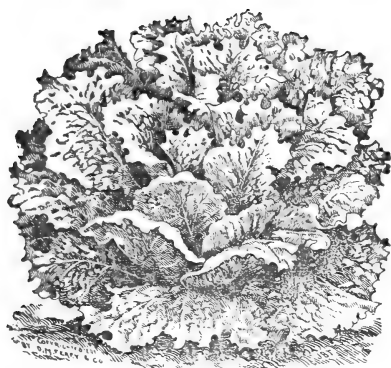
35 1 00



**LETTUCE** Salat.

Per oz. Per lb

Grand Rapids, newforcing very fine for greenhouse . . . . .	\$ 15	\$ 1-25
Wonderful . . . . .	15	1 25
Denver Market, early head . . . . .	15	1 25
Onondaga, for Green House . . . . .	15	1 25
Brown Dutch . . . . .	15	1 25
Green or Red Fringed . . . . .	15	1 25
Boston Market . . . . .	15	1 25
Satisfaction . . . . .	15	1 25
Early Curled Simpson . . . . .	15	1 25
Early Curled Silesian . . . . .	15	1 25
Golden Stone . . . . .	15	1 25
Iceberg . . . . .	15	1 25
Hanson Head . . . . .	15	1 25
New York Head . . . . .	15	1 25
India or Prize Head . . . . .	15	1 25
Tennis Ball . . . . .	15	1 25
White Cos . . . . .	15	1 25



GRAND RAPIDS LETTUCE.

**YELLOW SEEDED BUTTER**—Cabbage Butter head, medium large, medium green, leaves crumpled and rather thick. Is similar or same as silver ball.

**WONDERFUL**—Curled or crisp, heading, dark green, heads somewhat conical.

**GIANT WHITE COS**—Large size, medium light green, is quite tall, forms a good head.

**DEACON HEAD**—Cabbage butter head, medium size, medium green, leaves thick. Does not form a decided head but a well folded one, which is very oily and golden yellow inside.

**DENVER MARKET**—Cabbage, butter head, medium small size, medium green. One of the old standard varieties, and in our experience have found it identical with White Seed Tennisball.

**BIG BOSTON**—A fine large-heading forcing sort, and succeeds well in cold frames during the winter. The plants are very hardy and vigorous. When well grown, the heads are beautifully blanched and quite tender.

**NEW YORK HEAD**—Curled or Crisp as Icehead, dark green heads somewhat conical.

**BLACK SEED TENNISBALL**—For hot bed culture but not for green-house culture.



PAUL ROSE MUSK MELON.

**MUSKMELON.** Melone.

Per oz. Per lb

Onondaga Musk Melon—new, see description below, . . . . .	\$ 20	\$ 1 50
Paul Rose or Petosky—fine salmon fleshed . . . . .	10	1 00
Rocky Ford--new, green flesh, . . . . .	10	1 00
Delmonico Round, deep orange, very productive, early . . . . .	10	1 50
Miller's Cream or Osage, very fine, deep Salmon flesh . . . . .	10	1 00
Nutmeg, fine netted, extra early green . . . . .	10	1 00
Large Nutmeg or Improved Cantelope, green flesh . . . . .	10	1 00
Montreal Market Musk, green flesh, . . . . .	10	1 00
Hackensack, very fine, green . . . . .	10	1 00

Surprise--round yellow flesh medium size . . . . .	\$ 10	\$ 1 00
Tip Top---a very fine yellow fleshed market melon . . . . .	10	1 00
Emeral Gem . . . . .	10	1 00
Orange Christiana, the fine netted yellow flesh . . . . .	10	1 00

**ONONDAGA MUSK MELON.**

This new early, large, fine oblong, netted, green fleshed melon was originated in this city by Nathan Rose and has become a great favorite with the dealers, and much sought for as a table melon. A great yielder, very hardy, firm fleshed, attractive in appearance a ready seller—one of the best introductions of recent years. Price, ounce 20 cents; pound \$1.50.

<b>WATERMELON, Wassermelone.</b>		Per oz.	Per lb
Sweet Heart, early, large, handsome,		\$ 10	\$1 00
Phinney's Early, red flesh,		10	1 00
Cole's Early, early,		10	1 00
Mountain Sweet, old favorite,		10	1 00
Black Spanish, round, dark green with red flesh,		10	1 00
Iceings or Ice Cream,		10	1 00
Green Citron, for preserves,		10	1 00
Kolb's Gem,		11	1 00
<b>MARTYNA, for pickles,</b>		40	3 25
<b>NASTURTIUM, Kapusinerblume.</b>			
Tall (See Flower Seed),		10	75
Dwarf,		15	85
<b>OKRA or GUMBO, Essbarer.</b>			
Dwarf, white,		10	75
<b>MUSHROOM SPAWN.</b>			
English,			25
<b>MUSTARD, Senf.</b>			
White,		05	35
Brown,		05	35

<b>ONION, Zwiebel.</b>		Per oz.	Per lb
Southport Yellow Globe,		\$ 20	\$1 50
Michigan Yellow Globe,		20	90
Onio Yellow Globe,		20	90
Yellow Danvers, Improved,		20	85
Prize Taker,		20	1 15
Extra Early Red, early, flat,		20	90
Southport, Red Globe,		20	1 50
Large Red Wetherfield,		20	90
California Early Red,		20	1 00
Bolton Seed produces the Bolton Sets,		25	2 50
White Silverskin or Portugal for bunching,		25	2 00
Southport White Globe,		25	2 00
Mammoth Silver King,		25	2 00
Barletta,		25	3 00
Top Onion Sets			
Bolton	}		Market Price
Yellow			
White			
Potato			



BELL OR BULL NOSE.

<b>PARSLEY, Petersilie.</b>		Per oz.	Per lb
Champion Moss Curled,		\$ 10	\$ 75
Fern Leaved,		10	75
Extra Double Curled,		10	75
<b>PARSNIPS, Pastinake.</b>			
Long White,		10	50
Hollow Crown, thick shoulder,		10	50
<b>PEPPER, Pfeffer.</b>			
Rose Mammoth, extra Bull Nose,		25	2 50
Bell or Bull Nose, extra large,		25	2 50
Ruby King, extra long,		25	2 50
Long Red Cayenne,		25	2 25
Mountain Sweet, for stuffed pickles,		25	2 25
Celestial, new,		25	2 50
Red Cluster or Red Cherry,		25	2 50
Chili, small, for pepper sauce,		25	2 50

Names of a few gardeners who have dealt with this house continuously from 21 to 36 years

Charles B. Day, Waterloo,	21 years	James McClure,	21 years
J. N. Rose, Syracuse,	36 "	John Butler, Onondaga Valley,	33 "
S. B. Babcock, Fulton,	28 "	A. H. Ballard, East Onondaga,	23 "
Albert Wright, Syracuse,	36 "	George Craddock, Onondaga,	36 "
The late Henry Burt, Syracuse,	32 "	Henry Wright, Syracuse,	36 "
William Lambert, Salina,	23 "		

Also hundreds of others who have dealt with us 5 to 15 years.

MR. F. H. EBELING, WATERLOO, Y. Y., Jan. 19, 1905.  
 Dear Sir:—We desire to inform you that, although we experienced during the past season the most severe weather extremes we can remember, the seed purchased of you proved very satisfactory, but few failures, and those were largely caused by soil conditions.  
 In due time we shall send you our annual order, having full confidence it will receive every consideration on your part, and we heartily congratulate you on your past success in being able to keep together such a large number of careful buyers all these years, which proves that your way of doing business is appreciated.  
 Yours Respectfully,  
 DAY & BEARD.

<b>PEAS Erbsen</b>	<b>EXTRA EARLY SORTS.</b>	Per qt.	Per bu.
*Gradus or Prosperity, pods big as Telephone, early as Alaska, 3 feet . . . . .		\$ 40	\$ 12 00
Cleveland's Alaska, one of the earliest blue peas, about 2 1-2 feet . . . . .		25	4 00
Perry's Forty-two day, the best extra early, about 2 feet . . . . .		25	4 00
Philadelphia Extra Early, resembling First and Best, about 2 feet, . . . . .		25	4 00
Improved Daniel O'Rourke, 2 1-2 feet, a favorite among gardeners, . . . . .		25	4 00
*New Surprise, very early, 2 feet. See below on this page . . . . .		30	7 00

<b>DWARF VARIETIES.</b>			
*Dwarf Telephone or Carters Daisy, . . . . .		30	6 00
*Dwarf Champion 2 feet, equal to Champion of England. See below, this page . . . . .		30	6 00
*Nott's Excelsior, early, large pods and very prolific, very early, . . . . .		30	7 00
*American Wonder, green, 1 foot, extra early and productive, . . . . .		30	6 00
*Premium Gems, very early, fine dwarf, 15 inches, . . . . .		30	6 00
*McLean's Little Gem, very fine, popular, 1 foot, early, . . . . .		30	6 00

<b>SECOND EARLY and LATE VARIETIES.</b>			
*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best, . . . . .		25	5 50
*Bliss, Abundance, 2 1-2 feet, round pods, fine yielder, . . . . .		25	5 00
*Bliss, everbearing, 2 1-2 to 3 feet, pods 3 inches, fine quality, . . . . .		25	5 00
*McLean's Advancer's, True, long pods, fine quality, 2 1-2 feet, . . . . .		25	5 00
*Champions, very fine, old favorite, 4 feet . . . . .		25	3 50
*Horsford's Market Garden, good cropper, similar to "Advancer" very prolific pods packed with peas, 2 1-4 feet, . . . . .		25	5 00
*Ebeling's Telephone, the finest large second early pea in the market, 3 ft. . . . .		25	6 00
*Yorkshire Hero, large, late, very productive, 2 1-2 feet, . . . . .		25	4 50
Melting Sugar, edible pods, 4 to 5 feet, use same as Snap or String Beans, . . . . .		25	5 00
Gray Sugar, edible pods, 2 feet, . . . . .		25	5 00
White Dwarf Marrowfat, 2 feet . . . . .		15	2 50
Black Eyes, very early and prolific, 3 feet, . . . . .		10	2 50
Canada Field . . . . .			Market Price

Wrinkled varieties marked thus\*

**THE ADMIRAL.** Vines vigorous, about four feet high, comparatively slender, little branched. Pods usually borne in pairs in great abundance; two and one-half inches long, thick, curved, bright green, crowded with six to nine peas of the very best quality and color. Ripens with Telephone or a little later. 30 5 00

**NEW DWARF CHAMPION PEA.**

In offering this new pea, we are filling a long wanted demand.

A pea with all the merits of the well-known and reliable Champion of England, being hardy and excellent quality, but less vine, larger pods and more of them.

In this pea we have a hardy robust and vigorous grower, productive of handsome dark green pods of good size and in great abundance, and the quality is unsurpassed.

Height of vine about 26 inches.

Season coming in after the Little Gem.

For a reliable stable market variety we believe it fills a long felt want. Price per qt. 30 cents; per bushel \$6.00.

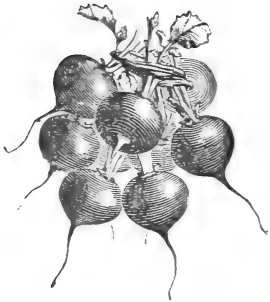
**NEW SURPRISE PEA.**

This remarkable new sort is a cross of Earliest of all and American Wonder, possessing the quality of the American Wonder and is so early as the Earliest of the Hard Peas. The vine grows 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 peas. The peas are not as large as those of the American Wonder but SURPRISE is a far better cropper and ready for market some days earlier. It was tested in the grounds of the "Rural New Yorker", and E. S. Carman wrote of it. "It is the earliest Pea we have ever tried." The editor of the New England Farmer writes, "Of 33 varieties on trial it was the first to pick and the first to dry down," SURPRISE has the hardness of Earliest of All, it is a far better pea and cannot be recommended to highlv. Another very important feature of SURPRISE pea is the fact that it is ordinarily not subject to mildew, and can therefore be planted again in August for a late crop. A point which market gardeners and private planters will appreciate. Price 30cts per quart; \$7.00 per bushel.

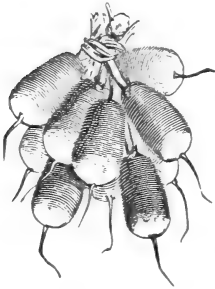


<b>POTATOES.</b> Kartoffel.	
Ohio, Jr.	} Prices on Application
Early Bovee	
Early Ohio	
Freeman	
Early Rose	
Beauty of Hebron	

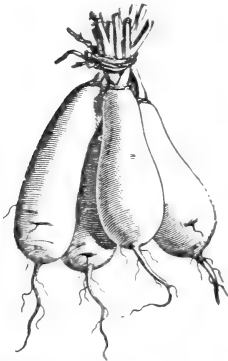
<b>PUMPKIN SEEDS.</b> Kurbiss.	Per lb.	Per bu.
Connecticut Field . . . . .	15	\$ 3 00
Cheese Pumpkin . . . . .	60	
Cashaw Pumpkin, fine table	75	
Mammoth Prize Pie, per pkt 10 cts.		



DEEP SCARLET TURNIP  
RADISH.  
SMALL TOP. NEW.



FRENCH BREAKFAST  
RADISH.



CHINESE ROSE WINTER  
RADISH.

**RADISH, Radischen.** Our Seed is the very best imported.

FRENCH STOCK.		Per oz.	Per lb
Early Scarlet Globe,		\$ 10	\$ 75
No Plus Ultra Deep Scarlet Turnip,		10	90
Early Scarlet Turnip, white Tipped (rosy gem)		10	75
Early Deep Scarlet Turnip, forcing,		10	75
Early White Box or Turnip,		10	75
Early Deep Scarlet, olive shape, small top,		10	75
White Olive Shaped or Newcombe,		10	75
Yellow Turnip, white flesh, summer,		10	75
French Breakfast, white tipped,		10	65
White Giant Stuttgart, summer, very large,		10	75
Early Long Scarlet, short top,		10	75
Long White Vienna or Lady Finger, excellent,		10	75
Chartier Long, white tipped,		10	75
Scarlet Chinese Rose Winter, fall variety,		10	75
Round Black Spanish Winter, German favorite,		10	60
Long Black Spanish, winter, black skin, white flesh,		10	60
White Giant Spanish, winter,		10	60
White Stasburg, fine, solid, large, summer,		10	60
White Russian, very large, winter,		10	75
California Mammoth White, winter,		10	75

Special prices in quantities.

**SAGE,** . . . . . 20 2 00

**SALSIFY,** or Vegetable Oyster, Bocksbart.

Large White,	10	1 00
Mammoth Sandwich Island, new,	10	1 25

**SORREL,** Large Leaved French, . . . . . 10 1 00

**SPINACH,** Spinat. 25 lb. lots special prices.

New Zealand. This is not a Spinach of the ordinary type, but a plant of branching growth. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in the spring, the plants will resist heat and make a strong growth during the summer. The young branches and leaves can be gathered at any time and prepared like Spinach, . . . . . Pkt, 5c; 1-4 lb. 30c

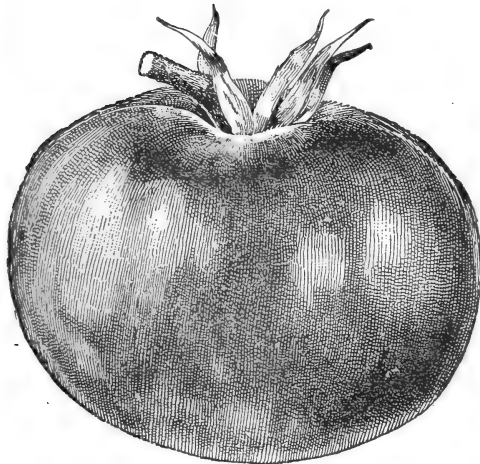
Early Giant Thick Leaved. An early maturing sort. with large leaves of fine, deep color,	5	25
Round Summer Broad Leaved. Preferred in the north for early spring sowing, and is the most popular with our market gardeners. The leaves are large, thick and fleshy. Though not quite as hardy as the Prickly Winter, stands exposure well.	5	25
Round-Viroflay. (Thick leaved.) Has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing,	5	25
Norfolk Leaved Savoy, or Bloomsdale. Large curled and wrinkled leaves; tender, of finest flavor,	5	25
Long-Standing. (Round, Thick-leaved.) Dark green; leaves large and thick; very long-standing before running to seed; the best for spring growing,	5	25
Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality; remains in prime condition from two to three weeks after all other varieties have run to seed; a fine variety for spring sowing,	5	25
Prickly or Winter. Vigorous and hardy, and recommended for fall sowing,	5	25

**SQUASH.** Kurbis.

	Per oz.	Per lb		Per oz.	Per lb
The Delicious, new,	\$ 10	\$ 1 00	Hubbard, winter, fine stock,	\$ 10	\$ 85
Golden Hubbard,	10	1 00	Boston Marrow, old variety, fall,	10	75
Golden Bush Scallop,	10	85	Butman, nearly like Hubbard,	10	75
Early Scallop, white,	10	85	Marble-head, like Butman,	10	85
Giant Summer, Crook-neck,	10	85	Vegetable Marrow,	10	85
The Faxon, very early,	10	85	Fordhook,	10	1 00

**TOBACCO SEED.** Tobak Samen.

Wilson's Hybrid,	per oz. 50.	Haynes, sealed,	per oz. 50
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DWARF CHAMPION.

**TOMATO, Liebesapfel.**

	Peroz.	Per lb
Sparks Earliana, largest early scarlet on the market, . . .	\$ 40	\$3 50
Chalk's Early Jewel, see pp. 12	50	5 50
New Scarlet Stone, . . . . .	25	2 50
Early Ruby, bright scarlet, . .	25	2 50
Atlantic Prize, bright red, . .	25	2 50
Ignotum, new, deep red, . . . .	25	3 00
Dwarf Champion, pink, . . . . .	25	2 50
Seovill's Hybrid, . . . . .	25	2 00
Livingston's Beauty, pink, . . .	25	2 25
Livingston's Magnus, new, . . .	30	2 50
Livingston's Favorite, pink, . .	25	2 25
Livingston's Perfection, scarlet, . . . . .	25	2 50
Aeme, purple, . . . . .	20	2 00
Lorillard, early bright red, . . .	25	2 50
Paragon, bright red, . . . . .	25	2 50
Ponderosa, very large, red, . . .	25	3 00
Trophy, large and solid, red . .	25	2 25
Dwarf Aristocrat, scarlet, . . . .	25	3 00
Yellow Husk, . . . . .	5c	paper
Golden Queen, . . . . .	5c	"
Yellow Plum, . . . . .	5c	"
Purple Husk, . . . . .	5c	"

**TURNIP, Steekrube.**

Per oz. Per lb

**LONG ISLAND IMPROVED RUTA BAGA TURNIP.**

This very desirable variety is nearly globe shaped with absolutely no neck, which distinguishes it from all others. The flesh is firm and exceedingly tender; color on outside is white with purple top, while the inside is pale yellow, closely resembling the Yellow Aberdeen of the English gardens, but has the same flavor and richness of ordinary Ruta Baga without the strong flavor which is objectionable. In fact, it bears the same relation to the Turnip as the Cauliflower to the Cabbage, . . . . .

Extra Early White Milan, . . . . .	\$ 10	\$ 50
Purple Top, strap leaf, flat . . . .	10	75
Mammoth Purple Top White Globe, . . .	10	50
Golden Ball or Orange Jelly, . . . . .	10	50
White Norfolk, large, fine summer, globe shape	10	50
Early White Stone, very fine, . . . . .	10	50
White Dutch, flat, . . . . .	10	50
Yellow Aberdeen, . . . . .	10	50
White Sweet Waldo or German, one of the finest		
Ruta Bagas, . . . . .	10	50
Skirving's Ruta Baga, purple top, . . . . .	10	50
Laing's Improved Swede, white, . . . . .	10	50
Carter's Improved Swede, yellow, . . . . .	10	50



RUTA BAGA AMERICAN PURPLE TOP TURNIP.

**SWEET HERBS.**

**SWEET HERBS.**

Anise, seeds aromatic, . . . . .	5c
Balm, has medicinal qualities, . . . .	5c
Basil, sweet, . . . . .	5c
Borage, leaves used for salad, . . . .	5c
Caraway, seeds aromatic, . . . . .	5c
Chives, . . . . .	5c
Coriander, seeds aromatic, . . . . .	5c
Dill, seeds aromatic and medicinal, . .	5c
Fennel Sweet, seeds aromatic, . . . .	5c
Horehound, . . . . .	5c
Lavender, leaves aromatic, . . . . .	5c

Marjoram, leaves used in seasoning, . .	5c
Mint (peppermint), . . . . .	5c
Rosemary, aromatic, . . . . .	5c
Rue, medicinal qualities, . . . . .	5c
Saffron, medicinal qualities; also dyeing, .	5c
Sorrel, . . . . .	5c
Sage, culinary herb, . . . . .	30c per oz., \$2.00 lb
Savory Summer, culinary herb, . . . .	5c
Tarragon or Estragon (roots), . . . . .	5c
Thyme, culinary herb, . . . . .	5c
Wormwood, medicinal qualities, . . . .	5c

WE CARRY A FINE STOCK OF HARDWARE, GLASS AND PUTTY.  
 FOR SMALL TOOLS ETC., SEE PAGES 18 AND 19  
 USE OUR SPECIAL LAWN DRESSING AND AVOID FOUL WEEDS.

Bei uns wird Deutsch gesprochen.

**VOLGA CABBAGE.**

This new variety of cabbage originated as its name would indicate in Russia, and was introduced here ten years ago from a trial package selected from some thirty varieties. The Volga was the only one among them all that stood the test and held to its original true type. After these years of careful selection, this cabbage was first introduced in 1892 by one of the foremost and best known reliable cabbage growers in the United States.

**IN SHAPE** it is midway between the Danish Ball Head and the ordinary Flat Dutch but partaking more of the character of the former.

**UNIFORMITY and SOLIDITY of HEAD,** In this respect it is a vegetable wonder, as the heads are of about equal size and shape, weighing from 12 to 15 pounds each.

**QUALITY.** Unlike most types the heads are perfectly solid, and the stem does not run up into the head nearly as far as in all other types and the flesh is exceedingly firm, tender and white, making it a most desirable form for kraut, as well as for all other purposes for which cabbage is used.

**HARDINESS.** In this respect we have never seen any cabbage that was so impervious to frost as this. Where other varieties have all failed, not a head of this has been injured by the most severe weather, making it a most valuable variety for burying.

This type is remarkable for its quick growing habit, as are all vegetables that come from cold countries. We have noticed particularly this type, and find that it will mature its heads fully two weeks earlier than any of our late growing kinds. Let us be fully understood in this matter. If we sow the seeds of any of our winter Cabbages on the first of July, and the Volga on the 15th, the latter will perfect its heads first.



VOLGA CABBAGE.

**PASTURE MIXTURES FOR ONE ACRE.**

No. 1. On Good Land, Neither Too Dry nor Too Wet.

- 3 lbs Tall Meadow Oat Grass
- 4 " Red Top.
- 1-2 " Perennial Sweet Vernal
- 5 " Orchard Grass.
- 3 " Sheep's Fescue.
- 1 " Hard Fescue.
- 1 " Meadow Soft Grass.
- 6 " Perennial Rye Grass.
- 1 " Meadow Fox Tail.
- 7 " Kentucky Blue Grass.
- 6 " Timothy.
- 1-2 " Yellow Trefoil.
- 1 " Red Clover.
- 1 " White Clover.

Price, \$3 per bushel of 20 lbs. Sow 2 bushels to the acre.

No. 2. On Dry Land.

- 4 1-2 lbs Tall Meadow Oat Grass
- 3 " Creeping Bent Grass.
- 2 " Meadow Brome Grass.
- 4 " Orchard Grass.
- 1 " Hard Fescue.
- 6 " Sheep's Fescue.
- 1-2 " Perennial Sweet Vernal
- 6 " Timothy.
- 5 " Perennial Rye Grass.
- 3 " Field Burnet.
- 4 " Sainfoin.
- 1 " Red Clover.
- 1 " White Clover.

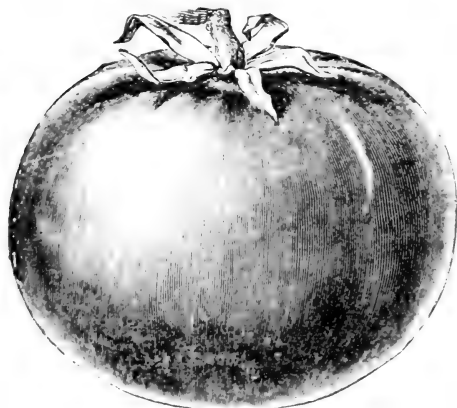
Price, \$3.25 per bushel of 20 lbs Sow 2 bushels to the acre.

No. 3. On Wet Land.

- 4 lbs Red Top.
- 5 " Orchard Grass.
- 2 " Meadow Fescue.
- 1 " Tall Fescue.
- 2 " Meadow Soft Grass.
- 6 " Perennial Rye Grass.
- 1 " Meadow Foxtail.
- 8 " Timothy.
- 1 " Rough-Stalk Meadow Grass.
- 8 " Kentucky Blue Grass.
- 1 " Alsike Clover.
- 1 " White Clover.

Price, \$3.00 per bushel of 20 lbs Sow 2 bushels to the acre.

**CHALK'S EARLY JEWEL TOMATO.**



CHALK'S EARLY JEWEL.

This tomato was first introduced in 1898 and has proved to be a very profitable tomato, especially to the market gardener. So much has been said regarding this that we merely give a brief outline of it. It is a handsome, large red, second early, ripening very evenly to the stem with very few seeds. Its productiveness is simply enormous having produced as many as 1 1-2 bushels to the plant. It is a comparatively early variety and will bear ripe fruit until frost, keeping its size up well until the last picking; uniformly adapted to all sections of the country. It commands a ready sale wherever shown. Have only a limited quantity to offer.

Price per oz. 50c.

Price per lb. \$5.50.

# FAMOUS WAVERLY WHITE OATS

WHICH WERE

## IMPORTED FROM SCOTLAND

Continue to Give Great Results.

We again take pleasure in offering these famous oats with greater confidence than ever before. The wonderful results obtained in this county by our farmers leads us to repeat all that was said before regarding them as to yield, weight, quality, stiffness of straw, etc., and we urge our farmers to give it a good place on their farms during the coming season. It is the **BIGGEST** and **MOST VALUABLE OAT PROPOSITION EVER OFFERED** in this county.

Probably more new varieties of Oats have been placed before the public than any other kind of seed grain. Many heavy croppers have been introduced of late, but on first trial they are rejected on account of thick, coarse hulls or poor, weak straw, if for nothing else. When, therefore, we state that in addition to the **WAVERLY YIELDING IMMENSE CROPS**, it is also **THIN** in the **HULL** and has a clear, **BRIGHT, AMBER COLORED STRAW**, which **STANDS UPRIGHT** in almost all kinds of weather, we are sure we have said enough to enlist the attention of farmers everywhere. It is wonderfully **ADAPTED** to **BOTH** the **SOIL** and **CLIMATE OF THIS SECTION**, and is ready to harvest about the same time as other sorts and is the **HEAVIEST WEIGHT OAT** we have ever seen, while the hull is quite fine and light. The kernels are so unusually **SWEET, LARGE** and **MEATY** as to appear like mammoth Rye grains. The most **DISTINCT FEATURE** of the **NEW WAVERLY** is its producing **THREE GRAINS IN A SPIKELET**, whereas most all other varieties produce but two. Of immense stooing qualities. **WAVERLY** gives great promise of becoming the leading Oat for this State and we predict an enormous sale as soon as its merits become known.

On the farm of Col. A. C. Chase at South Onondaga, N. Y., over 800 bushels were grown on 10 acres. The State Farm at Camillus, Mr. Bristow, Supt., reported that he had also produced 80 bushels per acre.

PRICE, \$1.25 per Bushel. Special price for large lots.

New Waverly Oats

### NEW ZEALAND OATS.

This is another fine variety recently introduced in Central New York. Mr. William Everingham, of East Onondaga, N. Y., sowed one acre and nine rods with two and one-half bushels of New Zealand Oats, and produced 94 12-34 bushels. This on a basis of 32 pounds to the bushel would make nearly 100 bushels. This bears out somewhat what has been said about them regarding the yield. We will know more about them another season. The Oats are a beautiful silvery white, with a wonderfully stiff straw, able to withstand severe winds, which is an important feature in our section. These Oats have been reported as yielding 150 bushels to the acre, which we are inclined to think is too large an estimate. Mr. Everingham, who is a well known farmer, can verify anything we say in regard to them. Only a small quantity to offer this season.

### SMUT FORMULA FOR OATS.

One pint Formalin to 40 quarts water. Wet 12 bushels with this solution, mix thoroughly by shoveling, then pile in a heap, cover up well with blankets for 12 hours. It will then form a gas and destroy the smut germs, after which spread and dry.

Bei uns wird Deutsch gesprochen.

**ALFALFA**

This valuable forage plant should have a place on every farm where the soil conditions do not prohibit its growth. It can be grown on any fairly well-drained ground, a limestone soil being most desirable, and will send its tap root down through permeable soil until it strikes water, depths of 60 feet having been reached. It flourishes on strong lime soils even when the rotten limestone rock comes within a few inches of the surface.

In New York State it is grown largely in Onondaga County. It is counted the most valuable forage crop at the State Experiment Station at Geneva, where the soil is a heavy clay loam, and throughout the western part of the State there are many well established fields in situations varying from river bottom lands to hill tops.

The FIRST essential in growing Alfalfa is clean soil; the seedling is slender and easily smothered by the weeds.

SECOND, sow fresh grown seed 30 lbs. to the acre. The seed may be sown broadcast. Three cuttings may be made during the season in this latitude after the plant becomes established. Cut whenever bloom appears, no matter how small the growth.

Experiment Stations place the feeding value of Alfalfa hay at \$20 per ton, as against Timothy at \$12.



Alfalfa or Lucerne Clover.

**ALSIKE**

This hybrid clover does well on strong clay soil, and thrives especially well on moist or low land. It is the proper companion for timothy, the stout stems of the latter sustaining the slender Alsike and the mixture making the best of hay, ranking as No. 1 timothy in market. Alsike has high value, also, as a renovator of marshy land, as it drives out the sedges and other wild growths. It has no tap root but a mass of fine laterals, hence it does not winter kill by heaving. As both hay and pasture, it is greatly relished by all stock. The seed is a profitable crop, and the hay left after threshing has considerable feeding value.

**FALL SEEDING**

At this season the ground is warmer than the atmosphere; the gradual reduction of temperature checks leaf growth, while the warmer soil invites a vigorous root formation which continues until the ground is frozen, and is resumed at every thaw.

Grass revels in cool moist soil, and its roots make ready through winter for the summer growth above ground. In spring the soil, especially if it has been long under tillage, dries all too quickly, being poor in humus, and the air being warmer than the ground stimulates top growth of new seedling before the root formation is able to sustain it, the young grass, therefore, has a struggle for life.

If grain has been sown with grass its more vigorous seedling robs the grass plant of moisture to such an extent that it is often killed outright, and the farmer bewails the "uncertain season" that caused him to lose his seeding. This failure to secure a stand is the most persistent and costly feature in grass culture of late years in the middle and eastern states.

**WE OFFER CLOVER, GRASS AND FIELD SEED.**

Clover, Red	Dwarf Essex Rape,
" White,	Peas, Canada,
" Crimson,	" Black Eye,
" Alfalfa	" Cow,
" Alsike,	" Early and Late,
" Bokhara,	Rye, Spring,
" Sainfoin,	" Winter,
Timothy, R-cleaned,	Corn Leaning
" Choice,	" Pride of the North,
" Prime,	" Sweet,
Red Top,	" Pop,
Blue Grass,	" Field,
Orchard Grass,	Wheat, Spring,
Millet, German,	" Winter,
" Hungarian.	Oats, Seed
" Common,	" Winter,
Barley,	Flax Seed,
Buckwheat,	Broom Corn,
Amber Cane,	Quack Seed,

**SPECIAL GRASSES.**

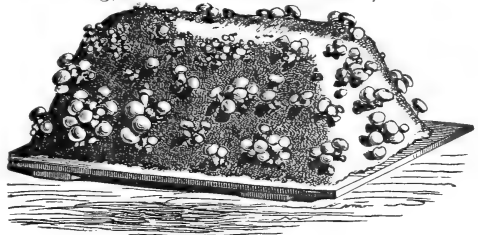
	Wt. per bu.	Per lb.	100 lbs
Bromus Inermis Grass	12	20c	\$15 00
Creeping Bent	24	25c	20 00
Meadow Foxtail	9	35c	30 00
Sweet Vernal	11	20c	15 00
Tall Oat Grass	13	25c	20 00
Crested Dogtail	30	55c	45 00
Sheep's Fescue	16	20c	16 00
Hard Fescue	20	25c	15 00
Meadow Fescue	27	20c	15 00
Tall Meadow Fescue	22	35c	30 00
Red Fescue	24	25c	20 00
Rough Stalked Meadow	26	45c	40 00
Pae-y's English Rye Grass	28	15c	10 00
Italian Rye Grass	22	12c	10 00
Wood Meadow Grass	19	50c	45 00

Special prices given for quantities on any of the above varieties.



**MUSHROOM SPAWN.**

Mushrooms may be grown in cellars, under benches of green houses or in sheds, wherever the temperature of 50 degrees can be kept up through out the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse dung, free from straw and litter, and mix with it an equal bulk of loam from an old pasture. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees. **Price 25 cents per lb.**



MUSHROOM BED

We offer Choice, Well-Cleaned, True to Name, Varieties of Following Seeds at Reasonable Prices.

- |   |   |
|---|---|
| SPRING RYE—\$1.40 per bushel.             | GOLDEN MILLET—\$1.50 per bushel.              |
| SPRING WHEAT—\$2.00 per bushel.           | HUNGARIAN—\$1.25 per bushel.                  |
| COW PEAS—\$2.50 per bushel.               | KAFFIR CORN—\$1.25 per bushel.                |
| DWARF ESSEX RAPE—\$6.50 per 100 lbs.      | WHITE SEED OATS—We offer choice well          |
| FIELD CORN—White or Yellow, Market price. | cleaned, true to name, varieties of Seed Oats |
| HURON DENT CORN—\$1.25 per bushel.        | at reasonable prices.                         |
| IOWA GOLD MINE—\$1.25 per bushel.         | SPELTZ—\$1.00 per bushel.                     |
| LEAMING CORN—\$1.00 per bushel.           | SOY BEANS—\$2.75 per bushel.                  |
| PRIDE OF THE NORTH—\$1.00 per bushel.     | AMBER CANE or SORGHUM—\$2.75 per bushel.      |
| JAPANESE MILLET—\$1.50 per bushel.        | BUCKWHEAT—\$1.00 per bushel.                  |

**SOJA OR SOY BEAN.**

This bean as yet so little known in the eastern states is of great value as a forage plant, a soil renovator and food producer. It will grow wherever white beans flourish and will yield within 90 days from planting 8 to 12 tons of green forage more nutritious than clover. Will store in the soil a considerable amount of nitrogen and if allowed to mature will produce from 30 to 60 bushels of beans, richer in protein and having a higher feeding value than any other food grown, for cattle, sheep or swine. The beans should be ground before feeding. Seed should be planted after the ground is thoroughly warm. Drill 28 to 30 inches between rows. 10 to 15 quarts per acre, leaving plants 4 to 6 inches apart in the rows. There is a large and increasing demand for northern grown seed at good prices. Why not have some. Price, \$2.75 per bushel.



NEW IDEAL MANGEL.

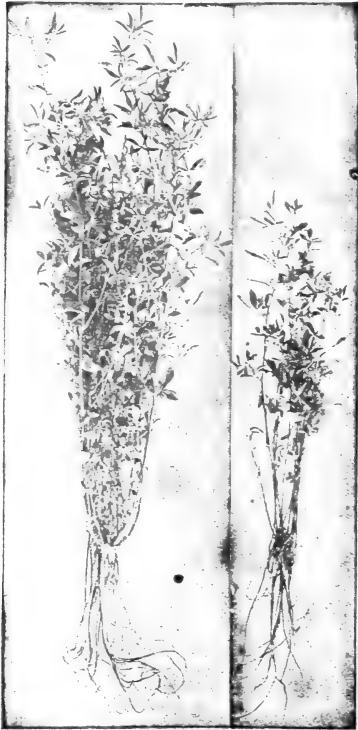
**THE IDEAL.** A new and original mangel, a perfect chunk of a beet, as shown by the cut, indicating easy harvesting on hard soils. The quality of this new mangel, as shown and fully demonstrated on the trial grounds and by laboratory tests, proves it, as compared with thirty other varieties:

- First—The greatest yielder to the acre.
- Second—To contain the highest amount of dried substance.
- Third—Contains the greatest amount of sugar.
- Fourth—Grows well above ground; therefore making the most valuable feeding beet known. Size, quality and yield, THESE THREE POINTS are very important and should not be overlooked.

We have only a limited quantity to offer this season. Price, 50¢ per pound while it lasts. We have decided to offer three prizes in gold, one of \$5.00, one of \$3.00 and one of \$2.00 for the three largest beets of this variety, same to be decided upon actual dimensions and weight.

**DWARF ESSEX RAPE.** The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep and hogs. It is particularly adapted as a "catch crop," for it grows best late in autumn. In the Northern States it can be sown at any time from May until the end of August. Its fattening properties are said to be twice as good as clover. Sow 10 or 12 pounds per acre in drills fifteen inches apart. When sheep are feeding on Rape they should at all times have access to salt. Per pound 8 cents; 100 pounds \$6.50

## IMMENSE CROPS WITHOUT FERTILIZERS.



Inoculated.

Uninoculated.

This cut shows specimen plants characteristic of inoculated and uninoculated field of Alfalfa, on farm near Bynum, Harford County, Maryland. The uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation with Nitro-Culture nearly 500 per cent. by weight.

A New, Sure and Easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer, cheaper—it is to let nitrogen-gathering germs feed the plants.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants. That's the secret of the new way that is making many farmers rich. The germs do the work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow Alfalfa and other crops where they never would grow before.

The new way saves the cost of fertilizers and is very easy to use. The germs come ready for use, in a form called Nitro-Culture. Nitro-Culture is put up in small dry packages you can put in your vest pocket. Simply add it to water, and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—increase about it—feed the roots when they start and keep on feeding them. They also enrich the soil by storing nitrogen in it, so that the second year's crop, whatever it may be, is increased from two to ten times.

### PRICE LIST.

Nitro-Culture, sufficient to inoculate the following seeds per acre, mailed to any address in the United States or Canada at the following prices:

Alfalfa, per acre,	\$2.00	Wax Beans, per acre,	\$2.00
Red Clover, "	2.00	Soy Beans, "	2.00
Crimson Clover "	2.00	String Beans "	2.00
Garden Peas, 1-2 acre	1.00	Vetch "	2.00
Sweet Peas, 1-2 acre	1.00	Lima Beans, "	2.00

Guaranteed to keep six months from date of shipment and can be used within that time.

### THE UNITED STATES DEPARTMENT OF AGRICULTURE SAYS:

"It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and unless some artificial means of inoculating the germs be resorted to the crop will be a failure."

October 1, 1904.

THE NATIONAL NITRO-CULTURE Co.,

Dear Sirs:—

The Nitro-Culture you sent me was used as per directions.

Six weeks from the time the beans were planted the plants were filled with bloom and more than three times as large as untreated plants.

The treated plants are fully two weeks ahead of the untreated ones. The roots are filled with nodules, while the untreated plants have very few nodules on them.

The ground is rich and I did not expect such a wonderful difference in growth and beans. I am convinced that a gardener cannot do without Nitro-Culture for the growing of peas and beans. I will be a large user of Nitro-Culture next year.

One of my neighbors has a nice field of alfalfa that was treated with Nitro-Culture. We have had universal failure in our section with alfalfa, but this marks a new era in alfalfa growing here.

Yours Very Truly,

C. E. ANDERSON (Signed),

Manager of Beebe Farm,  
Falmouth, Mass.

(Copy)



Bei uns wird Deutsch gesprochen.

**KEY TO TOOLS ON FOLLOWING PAGES.**

No.	Price	No	Price
1 Solid Shank Hoe.....	\$ 30	51 Steel and Malleable Garden Rakes.....	25 to 60
2 Notched Scuffle Hoe.....	1 00	52 English Lawn and Grass Scythe.....	1 50
3 Narrow Hoe and Rake.....	50	53 English and American Spades.....	50 to 1 50
4 Socket Common Hoe.....	30	54 Latest Pattern Steel Garden Rakes.....	25 to 60
5 Trowel Shape Weeding Hoe	75	55 All styles of Shovels; large and small.....	50 to 60
6 Onion Hoe, "double end,"..	50	56 Asparagus, Dock and Weed Digger.....	50
7 Hoe and Rake, several sizes	25	57 Weeders.....	50
8 Potato Hook, several sizes..	40	58 Waters' Tree Pruner.....	1 00 to 1 50
9 Secor Weeding Hook.....	10	59 Steel Trowels.....	10 to 50
10 Large Plantation Hoe.....	50	60 Cleves' Angle Trowel.....	15 to 35
11 Thistle Spud.....	50	61 Watering Pot.....	25 to 75
12 Thistle Spud for Lawns.....	50 to 75	62 Watering Pot.....	1 00
13 Pruning Shears, all kinds..	50 to 1 50	63-64-65-66 Weeders.....	15 to 30
14 Hedge Shears, several sizes	1 00 to 1 75	67-68-69-70-71-72 Thermometers.....	20 to 1 50
15 Sheep and Grass Shears.....	50 to 1 50	73 Pruning Saws.....	75
16 Border Shears with roller, or without.....	2 50 to 4 00	75-76-77-78-79 Brass Syringes...	2 00 to 4 50
17 Spud for Pulling Vegetables	1 00	80 Double Leaf Rake.....	65
18 Dutch Hoe.....	1 00	81 Gardner's Mittens.....	10
19 Patent English Scuffle Hoe	35 to 50	82 Small Ax.....	75
20 Onion and Celery Plow.....	2 50	83 Fumigator.....	1 25
21 Tack Claw.....	15 to 25	84 Powder Gun.....	25
22 Pruning and Wood Saws...	90 to 1 00	85 Breen's Finger Spade.....	10
23 Mattock, several sizes.....	50 to 75	86 Lang's Weeder.....	25
24 Transplanting Forks.....	10 to 1 00	87 Glaziers Points, per box.....	50
25 Wire Leaf Rake.....	60	88 Glaziers Pincers.....	40
26 Narrow Mattock.....	75	89 Rubber Plant Sprinkler.....	60 to 90
27 Tree Pruners, several styles	1 00 to 3 50	90 Putty Bulb.....	90
28 Steel Trowels, all grades...	10 to 60	Pedestal.....	2 50
29 Flower Gatherer.....	50 to 100	Lily Pot.....	40
30 Lang's Patent Weeder.....	25	Hanging Log.....	25 to 75
31 Trellis, all sizes.....	15 to 200	Oblong Lily Pot.....	60
32 Double End Pruning Saw...	90	Begonia Pot.....	25
33 Bill Hook.....	1 00 to 1 50	Rustic Pot.....	50
34 Garden Line and Reel.....	1 00 to 1 50	Standard Flower Pot.....	All prices
35 Grape and other Scissors....	25 to 100	Flower Pot Brackets.....	20 to 40
36 English Lawn Rake.....	75 to 1 25	Hyacinth Glass.....	15
37 Whittling and Pruning..... Knives.....	50 to 1 25	Wire Plant Stand.....	2 00 to 3 50
38-39-40 English Pruning..... Knives.....	50 to 1 00	Flower Pot and Cage Hooks.....	10 to 25
41-42- Budding and Grafting Knives.....	50 to 1 25	Saucers, price according to size.	
43 Grafting Chisel.....	75	Wooden Tubs.....	1 50 to 3 50
44 English Pruning Hook..... Knife.....	1 00		
45 Dibber for transplanting...	25		
46 Border Knives.....	60 to 1 25		
47 Floral Sets of four pieces...	50 to 75		
49 Warren Hoe very practical	75		
50 English and American..... Grass Hooks.....	25 to 55		



**SEED AND GRAIN TRYERS.**

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

**A LIBERAL DISCOUNT TO THE TRADE.**

Note Our List of Poultry Supplies on Last Page.

Buy Your Whips, Cutlery and Hardware of Us.

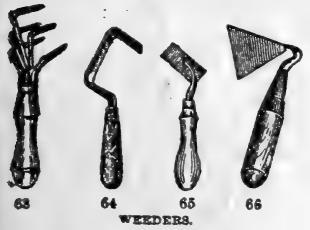


PRUNING SAWS.

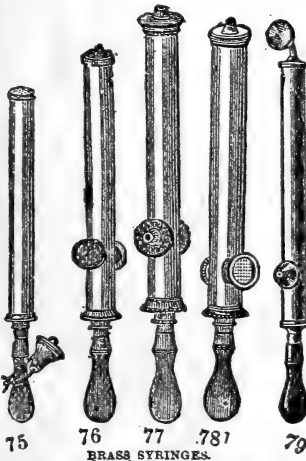


TROWEL.

WATERING POT.



WEEDERS.



BRASS SYRINGES.



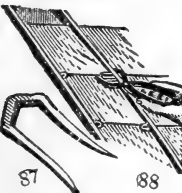
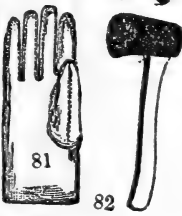
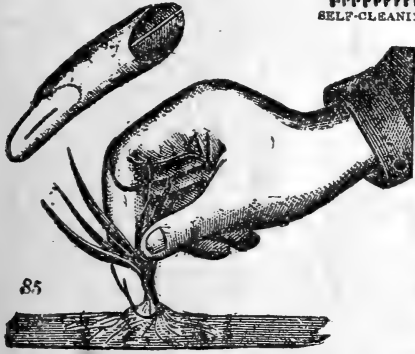
SELF-CLEANING LAWN RAKE.



EUREKA FUMIGATOR.



POWDER GUM.



GLAZING POINTS AND TINNERS'.



PLANT SPRINKLER.



PUTTY BULB.



LANGS Weeder



Lobelia Erinus—Dwarf Double



Sweet Alyssum



Cox Comb



Larkspur



Marigold, French



Verbena

---

OUR FLOWER SEEDS ARE THE BEST THAT WE CAN IMPORT.  
 WE HAVE HARDWARE OF ALL KINDS--BUY OF US.



# SELECT FLOWER SEEDS.

- Abronia** (Sand Verbena) Trailing, annual, sweet-scented clusters like verbena, lasting in bloom a long time; for rock-work or hanging-baskets. Height 12 inches. 5c pkt.
- Arenaria** Beautiful yellow variety. 5c pkt.
- Abutilon** (Chinese bell-flower or flowering maple) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. 10c pkt.
- Acacia** Half hardy shrub having ornamental foliage, beautiful shades of yellow, globular flowers. Soak seed in warm water before sowing. Height 6 to 10 ft. Mixed 10c pkt.
- Adlumia** Hardy white perennial, 2ft. high, pure white double flowers, bloom from spring until frost, fine for cemetery decoration. Flowers first season if sown early.
- Adlumia** (Mountain fringe or Allegheny Vine) A hardy biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. 10c pkt.
- Aconitum** (Monk's hood or Wolfs bane) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. 5c pkt.
- Acroclium** Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, fine for border. Sgl. or dbl. 5c pkt.
- Adonis** (Pheasant's eye) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. 5c pkt.
- Ageratum** (Floss Flower) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable; valuable for winter flowering for conservatory. 5c pkt.
- Blue Perfection** Dark blue, largest flowering, fine bedder. 10c pkt.
- Cope's Pet** Azure blue, fine light blue sort for edging, 10c pkt.
- Dwarf Princess Pauline** Beautiful, compact, sky blue, white center, very exquisite. 10c pkt.
- Mexicanum** Lavender blue, 1.1-2 ft. 5c pkt.
- Imperial Dwarf White** Height 8 inches. 5c pkt.
- Agrostemma** (Rose of Heaven) Free blooming, hardy, perennial, blooming first season, height 1 to 2 ft. Mixed 5c pkt.
- Alyssum** (Mad-wort) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.
- Little Gem** (or Carpet of Snow) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. 5c pkt.
- Sweet Alyssum** Trailing flowers, white. 5c pkt.
- Tom Thumb** Compact, dwarf, fine for edging, white. 5c pkt. 30c oz.
- Saxatile Compactum** (Basket of Gold,) handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. 5c pkt. 30c oz.
- Amaranthus** Brilliant foliated annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.
- Brilliant** Foliage bright red, ends of branches carmine-rose, red and yellow. 10c pkt.
- Caudatus** (Love lies Bleeding) Blood red, drooping foliage, 3 ft. 5c pkt.
- Salicifolius** (Fountain Plant) Pyramidal, drooping habit. 5c pkt.
- Sunrise** Bronzy Crimson to brilliant scarlet. Fine for parks and large beds, 3ft. 10c pkt.
- Sulphurine** Leaves dark green, bright sulphur yellow. 10c pkt.
- Tricolor** (Joseph's Coat) Leaves red, yellow and green, 3 ft. 5c pkt. 30c oz.
- Ammobium** (Winged Everlasting) Grandiflorum, Pretty Border, annual ever-lasting, flower white with yellow disc. 5c pkt.
- Ampelopsis** (Boston or Japanese Ivy) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.
- Anemone** (Windflower) Hardy, perennial, large flowers, fine for bouquets. Mixed colors. 10c pkt.
- Antirrhinum** (Snap Dragon) White, yellow, scarlet, each 10c pkt. mixed colors. 10c pkt.
- Aquilegia** (Columbine) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 5c pkt. Dbl. mixed 5c pkt.
- Arabis** (Rock Cress) Alpina very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.
- Arctotis** Grandis, Beautiful new annual, 2 to 3 ft. high, large strong pure white flower embellished with yellow center, of the easiest culture. 10c pkt.
- Armeria** (Sea pink or cushion pink) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. 10c pkt.
- Asparagus** Plumosus Nanus Graceful climber, finer than most delicate ferns. Will last for weeks after being cut. easily cultivated. 25c pkt.
- Sprengeri** One of the best for hanging baskets or general purposes, fronds 4 ft. long, 10c pkt.
- Verticillatus** Graceful, hardy perennial climber, scarlet berries. 10c pkt.
- Asperula Odorata** (Sweet Woodruff) Fragrant leaves and stems, grown in shaded places, white flowers. 5c pkt.
- Asters** are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

**Asters** (Continued).

- Branching Varieties** 1-2 ft. high., very double, beautifully incurved. Crimson 10c, blue 10c, pink 10c, white 10c, rose 10c, mixed 10c.
- Branching Paony Flowered** In vigor of growth, size or bloom and other qualities this type is unequalled. Height about 18 inches, free branching habit with long stems. Crimson 10c, blue 10c, white 10c, mixed 10c.
- Comet** Beautiful with long curled petals resembling the Japanese Chrysanthemum, height 15 inches. Carmine 10c, pink 10c, blue 10c, mixed 10c.
- Giant Comet** Similar to the above but of stronger growth, 18 to 24 inches high. Pure white 10c, white and rose 10c.
- Giant Branching Comet** Very strong growth, 18 inches high, branching habit, flowers of large size on long stems. 10c pkt.
- Queen of the Market** The earliest flowering Aster, blooms three weeks in advance of the general run, flowers good size on long stems. Fine for cutting. Crimson 10c, pink 10c, purple 10c, white 10c, mixed 10c.
- Victoria** Magnificent bedding or cutting variety, flowers large beautifully imbricated, 1-1.2 ft high. Scarlet 10c, purple 10c, blue 10c, pink 10c, white 10c.
- China Mixed** Very fine, all colors 5c.
- Quilled Aster** Double or quilled petals, fine for bouquets. 2 ft. 5c pkt.
- Crown or Cocardeau** Very showy, double white center, mixed colors, 1-1.2 ft. high 10c pkt.
- Daybreak** Grand variety of symmetrical growth and habit. 18 inches high, globe shaped, double, delicate, pink tint. 15c pkt.
- Dwarf Chrysanthemum** Large flowering, dwarf, double, excellent for plants and pots. Mixed 10c pkt.
- Fire-Ball** Magnificent, double, brilliant, deep scarlet 10c.
- Japanese or Tassel** Entirely distinct, new pyramidal shape, 18 inches high, long stems, flowers five inches across, wavy twisted, needle shaped petals, very graceful. Mixed 10c pkt.
- Ostrich Feather** Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink 15c each.
- Rose flowered** Large double, pyramidal, height 2 ft. Mixed colors 10c.
- Snow Ball** A beautiful distinct sort, short petals, pure white 10c.
- Washington** Splendid, very large, double, diameter 6 inches. White 15c.
- Perennial** Single, hardy. Does well in any garden soil. If sown early will flower in early season. 10c pkt.
- Balloon Vine** (Love-in-a-Puff) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 5c pkt.
- Balsams** (Lady Slipper) Double, camellia flowered type, and old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high.
- Prince Bismark** Salmon, pink, double. 10c pkt. Scarlet, yellow, violet and mixed each 5c. White 10c.
- Baptisia** (False Indigo) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue 2-1.2 ft. 5c pkt.
- Bartonia** Showy yellow flowers, very brilliant, cannot be transplanted. 5c pkt. flowers. 5c pkt.
- Begonias** Fine bedding variety, equal to geraniums, sturdy growth, 1 ft. high, forming dense bushes completely covered with flowers from May until frost. Unequaled as pot-plants for winter flowering and will remain in bloom the entire year. Easily raised from seed. Double mixed 25c, single mixed 15c.
- Tuberous Rooted Begonias** Plants of great value for summer decoration or window gardening, bloom first season from seed if sown in February, transplanted as soon as weather permits, produce flowers the entire summer. Double mixed 25c, single mixed 25c.
- Ornamental Leaved Begonias** Beautiful, variegated foliage. Mixed 25c.
- Brachycome** (or Swan River Daisy) Dwarf, annual, profuse bloomer, pretty blue or white
- Calceolaria** Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory.
- Hybrida Grandiflora**, 20 inches high Mixed, 25c.
- Tigrina** Large tiger spotted brilliant colors 25c.
- Calendula** (Pot Marigold) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.
- Meteor** Large double yellow, striped with orange 5c.
- Orange King** Large double orange red flowers 5c.
- Pure Gold** Fine Golden Yellow 5c.
- Mixed per pkt. 5c.
- Pluvialis** (Cape Marigold) White daisy-like flowers, under side of petals lilac, 5c.
- Calliopsis** Showy, free-flowering annual, blooms all summer, fine for cutting and massing.
- Coronata** Large yellow, fine for bedding 5c.
- Golden Wave** (Drummondii) Large golden yellow with brown center, fine for borders. 5c.
- Tinctoria** Golden with garnet eye 5c.
- Nigra Speciosa** Crimson 5c.
- Campanula** (Bellflower) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.
- Carpatica** Blue and white mixed, bloom the whole season, 6 inches 5c.
- Persicifolia Grandiflora** Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed 10c.

OUR FLOWER SEEDS ARE CHOICE IMPORTED STOCK.

GOOD SEEDS and FERTILIZERS MAKE BEAUTIFUL LAWNS. WE HAVE BOTH  
BUY YOUR TIN AND HARDWARE OF US.



- Canary-Bird Vine** (*Tropæolum Canariense*) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded 5c.
- Candytuft** (*Iberis*) A great favorite, fine for cutting, looks best in beds or masses. Sow in spring, will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft.
- Carmine** 5c.
- White** 5c.
- Crimson** 5c.
- Empress** A complete mass of pure white flowers 10c.
- White Rocket** 5c.
- Lavender** 5c.
- Mixed colors** 5c.
- Perennial mixed** 10c.
- Canna** (*Indian Shot*) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When up the second leaf pot singly and keep under glass until proper season for planting out. Mixed colors 30c.
- Canterbury Bell** (*Campanula Media*) Sgl. mixed 5c. Dbl. mixed 5c.
- Cup and Saucer** (*Calycanthema*) Fine white, blue and rose, resembling cup and saucer. 5c.
- Carnation** (See *Dianthus*) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture. Dbl. mixed 10c.
- Marguerite Carnations** Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant, large double, beautifully fringed, highly-scented flowers.
- Mixed colors** 10c.
- Celosia or Cristata** or Cockscomb Varieties Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots.
- Empress** Combs of Colossal size, known to measure 45 inches from tip to tip; rich crimson 10c
- Glasgow Prize** Dark Crimson 10c.
- Dwarf** 8 inches high, sometimes measure 2 ft. across 10c.
- Mixed Dwarf** 5c.
- Centaurea** Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.
- Sweet Sultans** (*Centaurea Imperialis*) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition of easy culture. Mixed colors 10c. Named colors 10c.
- Giant Sweet Sultans** (*Centaurea Oderata*) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.
- Chameleon** Pale yellow turning to a beautiful rose 10c.
- Oderata** Reddish lavender, very fragrant 10c.
- Margaritæ** White 10c.
- Chrysanthemums** Annual sorts, showy, effective garden favorites. Dbl. mixed 10c pkt. sgl. mixed 10c pkt.
- Cineraria** Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed-pans to thumb-pots. For transplanting, plant in a cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.
- Dwarf Mixed** 25c per pkt.
- Tall Mixed** 25c per pkt.
- Double Flowering** 25c per pkt.
- Stellata** (*Star Cineraria*) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and very useful for cutting. 35c.
- Cineraria** (*White Leaved Sorts*)
- Dusty Miller** Fine for bedding and margins, valued for their beautiful, downy, silvery foliage, half hardy perennial; 2 ft.
- Maritima Candidissima** Silvery foliage 5c pkt.
- Acanthifolia** Silvery foliage 10c pkt.
- Clematis** Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial mixed colors. 10c pkt.
- Clianthus** (*Australian Glory Pea*) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.
- Colbæa** (*Cups and Saucers Vine*) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.
- Purple** 10c pkt. pure white. 10c pkt.
- Coccinea Indica** (*Scarlet-fruited Ivy-leaved Climber*) Handsome, annual, gourd species with beautiful glossy ivy-like leaves, contrasting with the fine snow white bell-shaped flowers and bright carmine fruit. 10c pkt.
- Coleus** (*Flame Nettle*) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 25c pkt.
- Convulvulus** (*Morning glory*) Climbing varieties, very popular and one of the most free-flowering, rapid-growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 15c oz. 5c pkt. Dwarf per oz. 15c. 5c pkt.
- Coreopsis** A very fine hardy plant with large, showy bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 10c pkt.

BEAUTIFY YOUR LAWN BY USING OUR SEEDS AND FERTILIZERS.  
HARDWARE IS NECESSARY IN ALL FAMILIES--BUY OF US.

- Cosmos** Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a ft. high pinch the tops out to induce a bushy growth., 2 1-2 to 4 ft. in height.
- Crimson**, 10c.  
**Pink** 10c.  
**White** 10c.  
**Mixed** 10c pkt.  
**Dwarf** 10c pkt.
- Cyclamen** Charming plant with richly colored foliage, fragrant flowers. Great favorites for winter or spring. Sow in spring or autumn.
- Persicum** Choicest mixed. 15c pkt.  
**Pure white, dark red, rose** each 25c pkt.
- Cyperus** (Umbrella Plant)  
**Aterdifolius** Excellent for growing in water or damp places. Very ornamental house plant. 10c.
- Cypress Vine** (Ipomaea Quamoclit) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.  
**White** 5c pkt.  
**Scarlet** 5c pkt.  
**Rose** 5c pkt.  
**Mixed colors** 5c pkt.
- Dahlia** One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.  
**Double**, finest mixed 10c.  
**Single**, finest mixed 10c.  
**Single Tom Thumb**, dwarf, 1 ft. 10c.
- Datura** (Trumpet Flower) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and sgl 10c pkt.
- Delphinium** (Perennial Larkspur) One of the handsomest hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.
- Zalil** (Hardy Yellow Larkspur) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.
- Formosum** Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 5c pkt.
- Nudicaule** Large scarlet flower; 1 1-2 ft. 10c pkt. Mixed finest single 5c pkt. mixed 10c pkt.
- Dianthus or Pinks** A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks time they are a mass of bloom continuing until frost; 1 ft.
- Double Annuals**  
**Chinensis Fl. Pl.** (China or Indian Pink). Mixed colors 10c.  
**Heddwigi Fl. Pl.** (Japan Pink) Double mixed 10c.  
**Snowball** Double white, fringed, very fine 5c pkt.  
**Imperial Fl. Pl.** (Double Imperial Pink) Mixed 10c.  
**Salmon King** A double flowering variety, finely fringed flowers of a brilliant salmon color 10c. changing as they fade to a salmon-rose; charming for beds or borders. 10c pkt.  
**Single Annuals** All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.  
**Heddwigi Nobilis** (Royal Pink) Beautifully fringed, colors run from white to dark red 10c.  
**Heddwigi** (Japan Pink) 10c.  
**Laciniatus Fl. Pl.** (Double Fringed Pink) Large, double, showy flowers, with fringed edges and beautifully striped; mixed various colors. 5c.
- Hardy Garden Pinks** The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.
- Semperlorens** (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double semi-double and single in great diversity of colors, mixed colors. 25c.
- Dianthus** (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.
- Fine Double Mixed** The best for garden culture 10c pkt.
- Marguerite** These are the most popular of carnations with the amateur, as they begin flowering within a few weeks from the time of sowing. Our strain is of semi-dwarf, robust habit requiring no artificial support, and produces on long strong stems an abundance of large double, beautiful fringed, highly scented flowers. Separate colors 10c. Mixed, all colors, Marguerite Carnation 10c.
- Didiscus** Very pretty annual, blooms profusely from July to November, pale lavender blossoms excellent for cutting. 15c pkt.
- Digitalis** (Foxglove) Handsome ornamental hardy perennial plant, easily grown, fine for shrubberies; 3 ft. Mixed colors. 15c pkt.
- Dolichos** (Hyacinth Bean) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental, mixed colors. 10c pkt.
- Dracena** (Dragon Plant) Fine ornamental leaved plant. Mixed colors. 30c pkt.
- Echinocystis** (Wild Cucumber Vine) Quickest growing vine known, fine for covering trellises, fences, etc. 5c pkt.

- English Daisy** (*Bellis Perennis*) A favorite almost hardy perennial blooms from early spring until late in summer, easily raised from seed, 4 inches high. Dbl. mixed, finest quality 10c. Red, white or pink 10c.
- Erigeron** (*Flea-bane*) An attractive, asterlike flower, 1 inch across, purplish-rose with golden center, hardy perennial, blooms first year from May until frost if sown early. 20c pkt.
- Eryngium** (*Sea Holly*) Handsome ornamental, hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.
- Eschscholtzia** (*California Poppy*) Fine annual for beds, border or masses, bloom until frost; 1 ft. Sgl. mixed 5c pkt. dbl mixed 5c pkt.
- Euphorbia** Strong, tall-growing annual, attractive foliage. 10c pkt.
- Fuchsia** (*Lady's Eardrops*) Well-known sort of easy culture, for house or garden, mixed colors. 25c pkt.
- Gaillardia** (*Blanket Flower*) Splendid showy annual, remarkable for profusion, size and brilliancy of flower, bloom until frost, fine for beds, borders or cutting; 1 1-2 ft. Mixed colors, annuals 10c pkt. Mixed colors, perennials, 15c pkt.
- Geranium** (*Pelargonium*) Double mixed, fine color 30c pkt.
- Globe Amaranth** (*Gomphrena*) Known as Bachelor's Buttons. fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft. mixed colors. 10c pkt.
- Gloxinia** A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.
- Godetia** An attractive, hardy annual, profuse, showy flowers of varied colors; 1 1-2 ft. Mixed colors. 10c pkt.
- Gypsophila** Pretty, free-flowering plant for rock work, edging, etc. Mixed colors. 5c pkt.
- Ornamental Gourds** Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 5c pkt.
- Ornamental Grasses** These serve the double purpose of rendering mixed flower-beds or borders attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.
- Arundo Donax** (*Great Reed*) Hardy perennial. 10c.
- Briza Maxima** Fine for grass bouquets. 10c.
- Bromus Briza Formis** Graceful, drooping perennial. 5c.
- Coix Lachrymæ** (*Job's Tears*) Broad, cornlike leaves, annual. 5c.
- Erianthus Ravenneæ** (*Hardy Pampas*) Beautiful perennial. 5c
- Glycerium Argenteum** (*Pampas Grass*) Perennial, blooms the second season. 10c.
- Stipa Pennata** (*Feather Grass*) Perennial, beautiful white, delicate begins to bloom the second season; 2 ft. 10c. Mixed varieties. 10c.
- Helianthus** (See Sunflower)
- Helichrysum** (*Straw Flower*) Fine, everlasting double flowers, fine for display; hardy annuals 2 ft. Mixed colors. 5c.
- Heliotrope** (*Cherry Pie*) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c.
- Hibiscus** (*Marshmallow*) Showy, perennial plant with large beautiful colored flowers; 1 1-2 ft. Mixed colors. 10c.
- Hollyhocks** One of the most majestic of hardy plants, so well known that it needs no further description. In separate colors. 10c. Choice single mixed colors. 10c. Choice double mixed. 10c.
- Honesty** (*Moonwort Satin Flower*) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.
- Humulus** (*Japanese Hop*) Ornamental, fast-growing climber resembling the common hop. 10c
- Impatiens** (*Sultans or Zanzibar Balsam*) Charming plant for decorating greenhouse or dinner table, producing bright, waxy looking flowers. Mixed colors. 25c.
- Impomoea** Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.
- Coccinea** (*Star Ipomæa*) Small scarlet flowers 5c.
- Bona Nox** (*Evening Glory*) Violet, large fragrant flowers, expanding in the evening. 5c.
- Ruba Cærulea** (*Heavenly Blue*) Bright sky blue. 10c.
- Grandiflora** (*Moon Flower*) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber, 10c.
- Kenilworth Ivy** (See Linaria)
- Lantana** One of the most desirable half-hardy perennials, constantly in bloom, verberna-like heads of orange, white, rose and other colors; 2 to 5 ft. Mixed colors 10c.
- Imperial Japanese** This variety without question the handsomest of all Morning Glories. Sow in good soil as soon as weather permit, a strong vigorous climber, flowers of gigantic size, remain open most of the day. The colorings are beyond description. Choice mixture 10c.
- Larkspurs** One of the best known garden flowers, hardy annuals
- Dwarf Rocket** 1 ft. Mixed colors 10c. Dbl. mixed 10c.
- Double Stock Flowered** Tall branching sort; 2 ft. 5c.
- Lathyrus** (*Everlasting or Hardy Sweet Pea*) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 5c pkt.
- Lavender** (*Lavandula Vera*) Well-known, sweet-scented, hardy perennial; 3 ft. 5c pkt.
- Linaria** (*Kenilworth Ivy*) Charming small, hardy perennial, trailing plant. 10c pkt.
- Linum** (*Scarlet Flax*) A very showy bedding plant, brilliant scarlet, excellent bloomer, hardy perennial; 1 ft. 5c pkt.
- Lobelia** Popular flowering plant for pots, hanging baskets, etc. Bloom profusely from June to November, hardy perennial.
- Crystal Palace** Rich deep blue. 10c pkt.
- Crimson**, white or blue 10c pkt. Mixed colors 5c pkt.
- Hardy Perennial Lobelias** (*Cardinal Flower*) Brilliant scarlet; 3ft. 10c pkt.

- Lophospermum** Beautiful climbing plant, trumpet shaped flower, 10 ft. 10c pkt.
- Lupinus** Ornamental free-flowering annual, various colored, pea-shaped flowers; 2 ft. 5c pkt.
- Lychnis** Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors 10c.
- Marigold** (French Varieties) An old favorite, free-flowering. See also *Calendula* and *Tagetes*.
- Double Yellow** 10c pkt.
- Single Yellow** 10c pkt.
- Mixed colors** 5c pkt.
- African varieties**
- Double yellow** 10c pkt.
- Large African Tall**, double yellow; 2 ft. 5c pkt.
- Signata Pumila** A dwarf, compact, bushy annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.
- Matricaria** Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl white. 10c pkt.
- Maurandia** Beautiful, slender-growing climber, half-hardy perennial; 10 ft. Mxd colors 10c.
- Mesembryanthemum** (Ice Plant) Dwarf trailing plant of great beauty, blooming the whole summer, half-hardy annual; 6 inches. 5c pkt.
- Mignonette** (*Reseda*) A popular favorite, sown in April and again in July, will keep up a succession of bloom until frost; also suitable for pots, very fragrant, (orange) 15c pkt.
- Golden Machel** 10c.
- Miles** Spiral spike; 8 to 10 inches long, very fragrant. 5c.
- Improved red** 5c.
- White** Very fragrant, 5c.
- Sweet scented** Old popular variety, small spikes, very fragrant. 5c.
- Mimosa** (Sensitive Plant) A curious, interesting annual with pinkish-white flowers, leaves close and droop when touched or shaken. 5c pkt.
- Mimulus** Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft.
- Tigrinus** (Monkey Flower) Spotted variety. 5c.
- Moschatus** (Musk Plant) Fine for hanging baskets, small yellow flowers, fragrant foliage. 5c.
- Palustris** The true for get-me-not, beautiful blue flower; 6 inches. 10c.
- Momordica** Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. 5c.
- Musa Ensete** (Abyssinian Banana) A splendid plant for open ground, producing a most striking effect when planted singly or in groups, thrives best in hot seasons, growing very large, 10 to 20 ft, especially when freely supplied with liquid manure. Seeds germinate easily if started in hot bed; tender perennial. 25c.
- Myosotis** (For get-me-not) A pretty, small, double, aster-like flower, half-hardy perennial, blooms first year if sown early, bright blue; 6 inches. 5c.
- Nasturtiums** For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position, quick growing and bloom profusely until hard frosts comes. Tall Climbing Sorts. Crimson 5c, lilac 5c, yellow 5c, white 5c, purple 5c, rose 5c, mixed 5c.
- Lobb's Climbing Nasturtiums** Scarlet, white, red. 5c each.
- Tom Thumb** No collection of flowers should be without *Nasturtiums*, they grow so freely and afford such a variety of rich bright colors. As a cut flower there is nothing more effective, sweet-scented and pleasing in every way.
- Tall** Varieties mixed. 10c oz. 5c pkt.
- Dwarf** Varieties mixed. 15c oz. 5c pkt
- Our mixture of *Nasturtiums* is the finest in the country.
- Nasturtium Dwarf** Aurora, very fine 5c pkt,
- " " Beauty, yellow and scarlet, 5c pkt.
- " " Bronze, 5c pkt.
- " " Cardinal (Dark scarlet) 5c pkt.
- " " Cloth of Gold (Light foliage) 5c pkt.
- " " Crystal Palace dwarf, 5c pkt.
- " " Empress of India (Dark leaves) 5c pkt,
- " " King of Tom Thumb, 5c pkt.
- " " King Theodore, very dark, 5c. pkt.
- " " Ruby King, 5c. pkt.
- " " Flammulum, Grandiflorum, tall. Scarlet and yellow, extra fine, 5c pkt.
- Nicotiana** (*Tobacco Plant*) Delightful, sweet-scented, pure white tubular flower, blooming continuously; annual; 2 to 3 ft. 5c pkt.
- Nigella** (Love in a Mist, or Devil in the Bush) A compact, free-flowering plant with curious looking flowers and seed-pods; of easy culture; hardy annual; blue and white mixed; 1 ft. 5c pkt
- Pansies** Are so well known that no description is necessary. Sow early and transplant. Our pansies are imported direct from the grower and are equal to the best that are offered. Fine mixture of leading shades and colors 10c.  
Extra choice mixture of best large flowering varieties, 25c.
- Giant Trimardeau Pansies**
- Fine mixed 10c.
- Cardinal, fine scarlet, very showy 10c.
- King of the Blacks 10c.
- Golden Yellow 10c
- Light Blue 10c.
- Snow Queen 10c
- Pure Yellow 10c.
- Violas or Tufted Pansies** While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which blooms until frost. Splendid mixed colors, fine varieties. 10c.

- Passiflora** (Passion Flower) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.
- Pentstemon** (Beard-Tongue) One of the most beautiful attractive herbaceous plants; bearing long graceful spikes of rich colored flowers: if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. mixed colors 10c
- Perilla** Foliage a dark purple, annual; 2 ft. 5c pkt.
- Petunia** For outdoor decoration or house culture few plants equal the Petunia. Commence flowering early and continue a mixture of bloom until killed by frost, easily cultivated, requiring a good soil and sunny position.  
**Superb** double fringed. 50c.  
**Double Large Flowering** fine mixture. 25c.  
**Single Varieties**  
**Ruffled Giant** Very large, in great variety of colors 25c.  
**Fringed Giant**, Very fine. 35c.  
**Snowball** Pure white. 10c.  
**Striped and Bloched** Small flowering. 10c.  
 Fine mixel, all colors. 10c.
- Phlox Drummondii** Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.  
**Phlox Drummondii** Mixed colors. 5c pkt.  
 White 10c, pink 10c, rose 10c, scarlet 10c, red 10c.
- Dwarf Phlox** This strain of dwarf, compact habit, makes a desirable pot plant, also for ribbon lines and massing; 6 inches high.  
 Scarlet, white, pink, mixed colors 10c.
- Double Phlox** Especially fine for cut flowers, lasting better than the single sorts. Sow in light soils. Mixed colors 10c.
- Star Phlox** (Star of Quedlinburg) Dwarf, pretty star-shaped flower. Mixed colors 10c.
- Hardy Perennial Phlox** All colors, mixed 10c.
- Poppies** An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.
- Single Annual Poppies** Shirley's selected Strain 10c, scarlet 5c, white 5c.
- Tulip Poppy** 14 inches high, producing many large tulip-shaped scarlet flowers. 10c. Single mixed 5c.
- Double Annual Poppies** Mixed colors 5c.
- Paeony Flowered** Large showy, double mixed colors 5c.
- Portulaca** (Sun Plant) Fine hardy annual, of easy culture, thrives best in rather rich light sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed 5c. Dbl. mixed 10c.
- Primula** Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants, sow from March to May. White 50c pkt. scarlet 50c pkt. pink 50c pkt. crimson yellow eye 25c pkt. mixed colors 25c pkt. Double white 50c pkt. Double mixed 50c pkt.
- Pyrethrum** Handsome herbaceous plants of easy culture so much used for bedding edging etc.
- Aureum** (Golden Feather) Bright yellow foliage, 10c.  
 Double mixed 25c, single mixed 10c.
- Rhodanthe** (Swan River Everlasting) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. 5c.
- Ricinus** (Caster Oil Bean) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed all colors. 5c.
- Borboniensis** 15 ft. 5c.  
**Gibsoni** 5 ft. 5c.  
**Phillippiensis** 10 ft. 5c.
- Salpiglossis** (Painted Tongue) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts 5c pkt.
- Salvia** (Flowering Sage) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.
- Splendens** (Scarlet Sage) Beautiful bright scarlet. 5c pkt.
- Patens** (Blue Sage) 5c.
- Scabiosa** (Mourning bride or Sweet Scabious) A very handsome and autumn border plant with great profusion of very double flowers. Splendid for table bouquet; hardy annual; 2 ft. Double mixed. 10c pkt.
- Scarlet Runner Beans** Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. 5c pkt.
- Schizanthus** (Butterfly or fringe flower) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed. 5c pkt
- Smilax** (Myrsiphyllum Asparagoides) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Soak seed in warm water for 12 hours and plant in pots. A tender perennial; white; 10 ft. 10c pkt.
- Solanum** (Jerusalem Cherry) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries 1 ft. 10c pkt.

SEE OUR PAGES OF SMALL TOOLS, 18 AND 19.

USE OUR PLANT FOOD for FLOWERS and SHEEP FERTILIZER FOR LAWNS  
 SHEARS, SCISSORS AND FINE CUTLERY.

**Stocks** (Gilliflower) The stock is one of the most popular annuals, either for bedding or pot culture, for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

**Large Flowering 10-Weeks Stocks** Red 10c, blue 10c, pink 10c, purple 10c white 10c, yellow 10c, mixed colors 10c.

**Cut-and-come-again 10-weeks stock** Splendid perpetual blooming class. Sow March or April. They begin flowering in June, continuing until frost, and are especially valuable from September to October when other flowers are scarce. They throw out numerous side branches, all bearing fine double flowers. Excellent for cutting. White 10c, rose 15c, red 15c, blue 15c. Fine mixed colors. 10c pkt.

**Brompton Stock** Half-hardy Biennial, double flowers; 2 ft. Mixed colors. 10c pkt.

**Sunflower** Remarkable for their stately growth, size and brilliancy, making a very showy effect among shrubbery and for screens. Single sunflowers are indispensable for cutting. Sow in a sunny spot in April or May. They come into bloom early in summer and keep up a constant supply of flowers until cut down by frost. 5c pkt. Single dwarf or miniature sunflower 10c pkt. Giant Sunflower, 8 ft. 5c pkt.

**SWEET PEAS** Ebeling's cream of the named Sweet Peas. This is a select list of giant-flowering varieties. We have discarded all small-flowering sorts and duplicates under different names.

**SWEET PEAS** These are so well known that any description would seem useless. There are now over 175 varieties of Sweet Peas with new sorts being added every year. Many of these, however, are of small and weakly growth, or lack in some of the characteristics which a first-class variety should have. Our list contains only the best of this large list of Sweet Peas and contains all the separate varieties. We buy all of the named varieties separately and these are mixed under our personal care and supervision and are the best money can buy, and not to be compared with the ordinary cheap mixtures so often found.

**Cupid Dwarf Peas** Mixed colors 5c.

**America** Striped blood scarlet on white, large and striking.

**Apple blossom** Deep rose pink, wings bluish pink.

**Captivation** Claret Magenta, wings heliotrope, a distinct shade.

**Countess of Radnor** Rosy lavender, wings pure lavender.

**Dorothy Tenant** Deep rosy heliotrope, large and distinct.

**Eliza Eckford** White shaded with pink. Wings white, lightly tinged with pink, turning darker with age, medium size, hooded form.

**Emily Eckford** Heliotrope blue, wings lavender blue.

**Emily Henderson** Large pure white, profuse, early and continuous bloomer.

**Firefly** Bright crimson scarlet, very profuse and intensely brilliant.

**Gorgeous** Brilliant orange salmon, wings orange madder.

**Grey Friar** Flaked and speckled blue and mauve on white.

**Katherine Tracy** Lovely bright pink, large and profuse.

**Lovely** Warm rose pink, large and extra fine.

**Modesty** White with tint of pink on the edges, usually described as white with suggestion of pink.

**Princess of Wales** Striped blue and purple on white.

**Salopian** Rich deep crimson red, very large and of fine form.

**Shahzada** Dark maroon shaded purple. Darkest of all Sweet Pea.

**Prices** for any of the above named Sweet Peas. 5c pkt. Enough for a single row 6 ft. long 10c per ounce. Enough for a single row 25 feet long. 20c per 1-4 pound. Enough for 100 ft. of row. 60c per pound. Mixed colors 5c pkt. 15c oz.

**Bride of Niagara** Double. The standard, bright carmine rose, wings white, usually tinged with pink, is practically a double "Blanche Ferry", though the standard is brighter.

**Boreatton** Double, dark maroon, self-colored medium sized, open form.

**Sweet Rocket** (Hesperis) Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high, with spikes of showy white, lilac and purple fragrant flowers; fine for shrubbery and permanent border; mixed colors. 5c pkt.

**Sweet Sultan** See Centauria.

**Sweet William** (London Tufts) A well-known attractive free-flowering hardy perennial, fine for beds and shrubbery; 1 1-2 ft. Sgl. mixed 5c. Double mixed 5c pkt.

**Tagetes** (See Marigolds and Calendula)

**Signata Pumila** A dwarf, compact, bushy, annual marigold with beautiful delicate fern-like leaves, densely covered with flowers of bright yellow striped brown; fine border plant. 5c pkt.

**Thunbergia** (Black eyed Susan) Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white orange, etc., with dark eyes; mixed colors 5c pkt.

**Torenia** Fine annual; splendid plant for vases, hanging baskets, borders etc., blooming the entire season. Blue, white, and yellow. 10c pkt.

**Tritoma** (Red Hot Poker Plant) Readily grown from seed. Will bloom first year if sown early. Tritomas are becoming very popular for bedding plants and cut flowers; hardy perennial; 4 ft. Vary in color from light and deep orange, salmon and carmine. 25c pkt.

**Verbenas** One of the most popular and free-blooming varieties and so well known that a description of this variety is unnecessary. Half-hardy perennial; easy of culture; sow, early and transplant when weather permits. Fine for beds, baskets, rockeries, etc. Scarlet 10c, variegated 10c, white 10c, mixed colors 10c.

**Vinca** (Madagascar Periwinkle or old Maid) Ornamental free-blooming plant, fine for bedding flower from seed the first season continuing until frost, or they may be potted and kept in bloom through the winter; 2 ft. Rose 10c, white 10c, mixed 5c.

**Wild Cucumber** See Echinocystis.

**Zinnias** (Youth and Old Age) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Dwarf double white, orange scarlet, rose, etc. 5c. Tall double mixed 5c. Dwarf single mixed 5c.

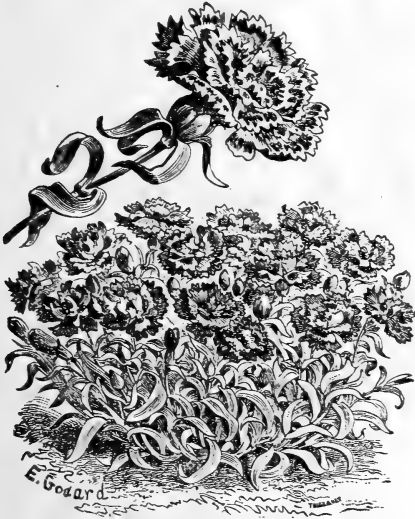




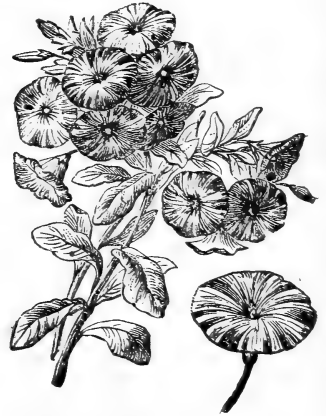
Gourds.



Begonia.



Dianthus Chinensis.



Convolvulus.



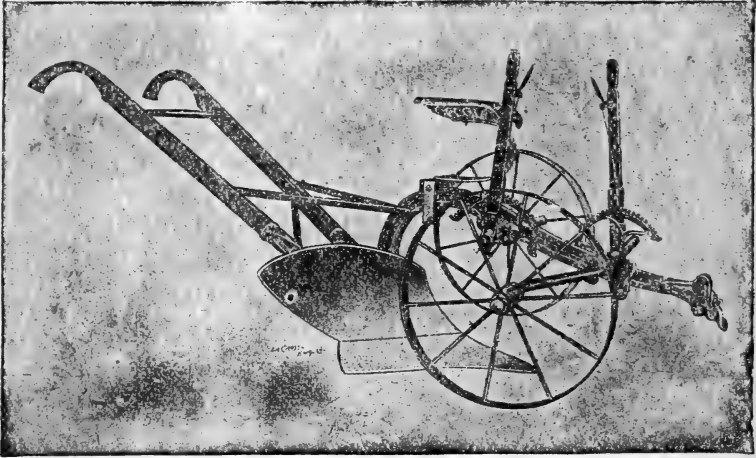
Salvia.



Candy Tuft.

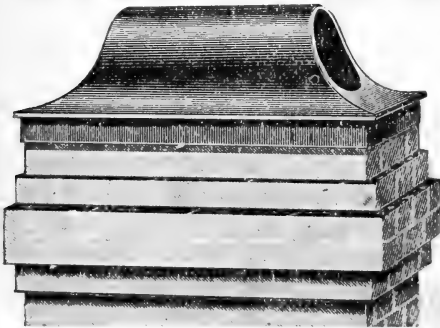
## When Something Reasonable Appeals to You, Investigate and Try It.

**THE MUNNSVILLE PLOW SULKY WITH RIDING ATTACHMENT  
COMPLETE \$27.00, RIDING ATTACHMENT ONLY, \$15.00**



When you operate this plow yourself, it becomes a pleasure instead of tiresome work. This plow will not "dodge when coming in contact with small obstructions, and runs steadily in hard ground. If your work is done by an employe, it leaves him fresh to help in milking or other extra work. There is no Sulky Plow at any price that is superior to our Plow Sulky when attached to a good plow, such as a "Munnsville." They can be attached or removed from any steel or wood beam plow in a very few minutes. The extra weight of the driver is overcome by carrying the whole weight on the wheels instead of dragging the weight of the plow on the landslide as usual. Prove it by drawing by hand this Sulky with a plow attached with a man on the seat, or with a plow alone. With the aid of the handles attached, it can be handled much easier where there are roots or other obstructions. Where all is clear, remove the handles. It has sufficient strength and yet is lighter than the ordinary sulky plow. It is easily attached to a harrow. The addition of an extra horse to the team will double the amount of work done ordinarily. Price very low for benefit derived.

Howard & Son, of Clyde, own one of the most extensively made and highly recommended Sulky Plows and they consider this SULKY when attached to a MUNNSVILLE STEEL plow far superior.



## CAST-IRON CHIMNEY CAP.

This cap is made of cast iron and covers the last or top course of bricks of the chimney entirely protecting it from the action of the weather. By its use all rain and snow are excluded, sparks are arrested and a good draft assured. By putting them on new chimneys much labor is saved in finishing, and they can easily be put on old ones. They will last a lifetime. The cap is both cheap and ornamental. Prices according to size of chimney.

### GARDEN BARROWS.

\$3.00 to \$3.50.

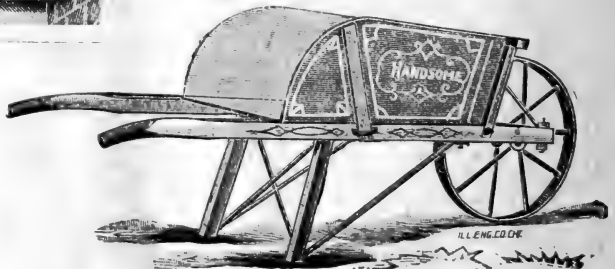
### DIRT BARROWS,

\$1.75.

### STABLE BARROWS,

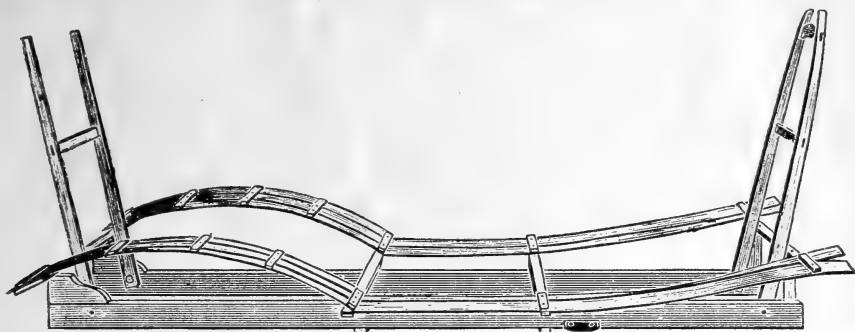
### STEEL TRAY,

\$2.50 and up.





## MERIDAN HAY RACK.



We combine in our Hay Racks, simplicity, lightness, strength and durability, too well known to require any recommendation. Manufactured of selected lumber and well bolted.  
Price complete \$12.00.

## OUR IMPROVED SLIP.

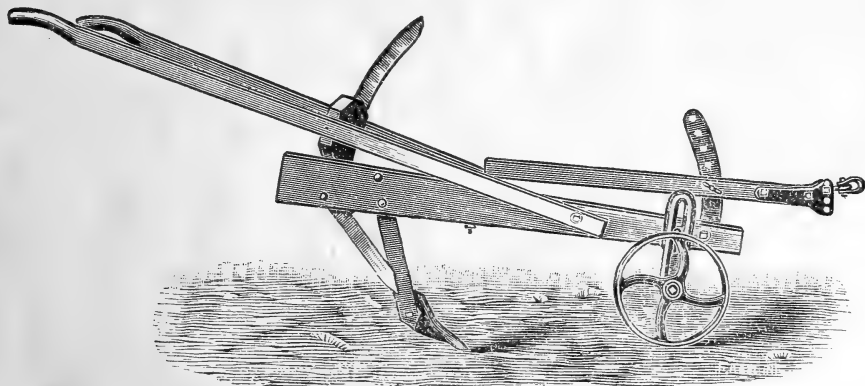


The above cut represents our Improved Slip, which any farmer can make by using our castings, which are shown in the front part of the cut. These castings are all finished and ready for the 3x6 inch maple runners. Since it is impossible to get Slip Runners sawed with the right sweep, any farmer will appreciate the benefit of our castings at a glance.

All complete like above cut, \$7.50.

Set of Shoes for above, \$1.50.

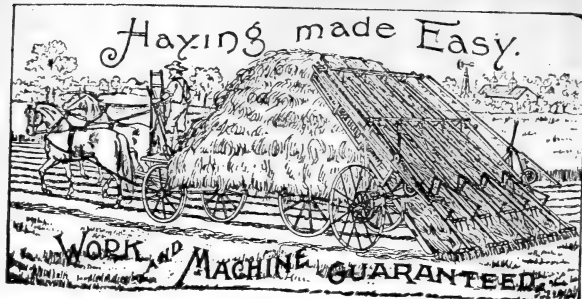
## DITCHING PLOW. Price, \$9.50.



We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. Hugh Oliver, of Marcellus, N. Y., now using one of these plows, says he would not be deprived of it for fifty dollars. It is just the plow for ditching.

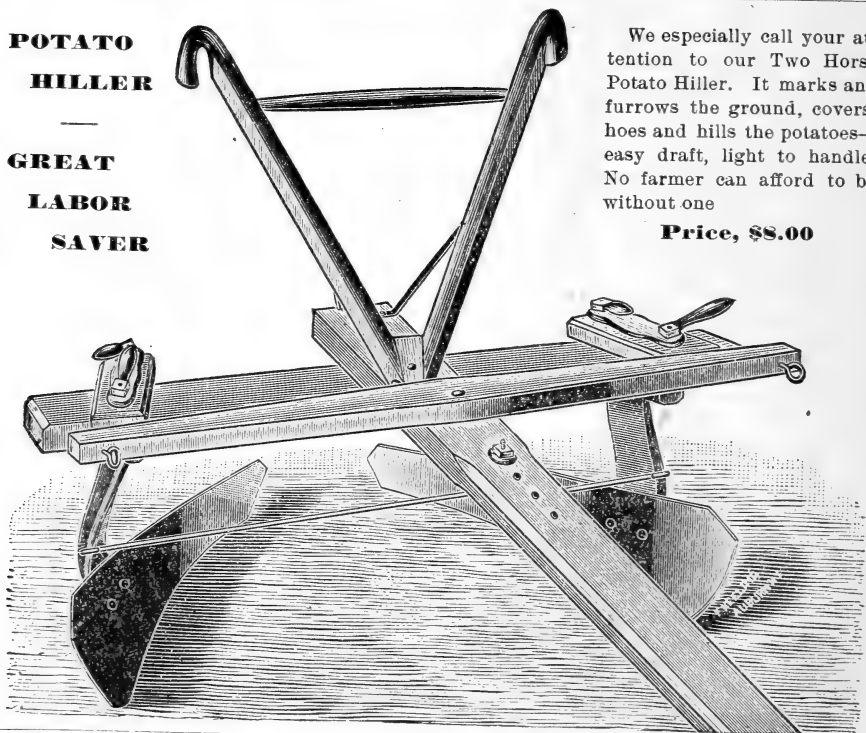
**PRICE OF PLOW COMPLETE \$9.50**

HARDWARE FOR FARMERS, MECHANICS AND BUILDERS.  
HARDWARE TOOLS AND IMPLEMENTS.

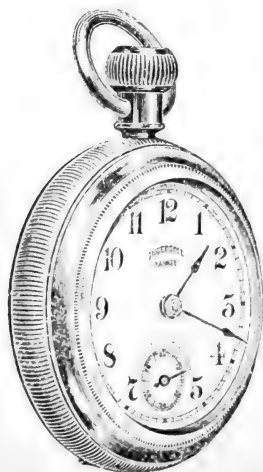


**KEYSTONE  
HAY  
LOADER**  
Price Complete \$65.00  
**Best on Earth.**  
**SIDE DELIVERY  
RAKE,**  
Price, - - - \$65.00

**POTATO  
HILLER**  
—  
**GREAT  
LABOR  
SAVER**



We especially call your attention to our Two Horse Potato Hiller. It marks and furrows the ground, covers, hoes and hills the potatoes—easy draft, light to handle. No farmer can afford to be without one  
**Price, \$8.00**



A FINE  
**INGERSOLL  
WATCH**  
FOR  
**\$1.00**  
WILL  
KEEP GOOD TIME  
and is fully  
**GUARANTEED.**



**Price, \$8.00 to \$10.00**

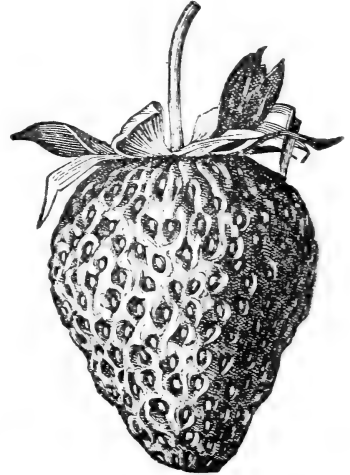
**SPRING PLANTS, BULBS and ROOTS.**

	PER DOZ.		PER DOZ.		PER DOZ.
Cauliflower Plants	25 cts	Root Celery Plants	"	Asters Plants	35 "
Cabbage "	10 "	Sweet Marjoram "	"	Stocks "	35 "
Tomato "	25 "	Sage Plants	"	Petunia "	50 "
Egg Plant "	50 "	Summer Savory	"	Snaptadragon "	40 "
Pepper "	25 "	Thyme	"	Beautiful Japanese Fern	
Kohlrabi "	"	Verbena Plants	50 "	Balls each	75 "
		Pansy "	50 "		

Gladiolas, Dahlias, Tube-Roses, Tuberos Begonias, Maderia Vines, Peonies, Gloxinias.  
 Selected Fall Bulbs in their Season, Our Own Direct Importation from Holland.  
 Christmas Holly, Holly Wreathes, Ground Pine, Mistletoe, in Season.

**FLORISTS' SUNDRIES.**

Self Registering Thermometers	Hanging Baskets
Tin Foil	Flower Supports
Green Moss	Plant Stands
Florist Letters	Trellisses
Raffia and Beed	Shears
Immortelles	Scissors
Mastica	Fine Cutlery
Plant Labels	Syringes for Plants
Fumigators	Flower Pot Brackets
Bulb Syringes	Sharpening of Shears, etc.
Glazing Points	Lawn Seed and Fertilizers
Flower Pots	Bird Supplies
Hyacinth Glasses	Wire Plant Supports
Jardiniers and Pedestals	Silkaline, per spool, 30 cts.



**STRAWBERRY PLANTS.**

We are pleased to announce that we can furnish choice thrifty Strawberry and Raspberry Plants of a'l the leading varieties and recommend them to our customers.

Prices are reasonable. Leave orders early.

**BERRY BASKETS.**

Under the new law all Berry Baskets must be made up to the standard size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perfectly. We can save you money on berry baskets if you will place orders early. Call and see us before purchasing.



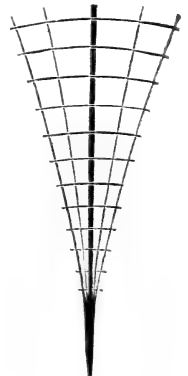
\$3.00      \$2.00      \$1.50

**FLOWER TUBS, \$1.00 to \$4.00**

Flower Pots, Hanging Baskets, Jardiniers, Fern Pans, Lily Pans.

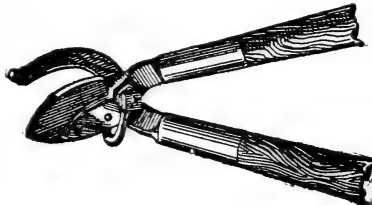
**TRELLISES, URNS, VASES AND SETTEES.**

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks etc. These can be furnished to order on short notice, at reasonable prices. For full particulars, write or call and see us.



**Waters Tree Pruner**  
\$1.00 to \$1.50

**DIAMOND EDGE TREE PRUNER.**



This is the most powerful Tree Pruner on the market. Its strength and power is wonderful, the secret is that the nut remains where it is turned, for this reason the blades work inside the LINK NUT TIE, thus there is no friction on the head, or nut of the bolt, and the blade always cuts tight to the edge of curved blade and never becomes loose, as on other similar tools. Price \$1.00

Curved Pruning Saws 90c and \$1.00 Straight Pruning Saws 90c and \$1.00

## MASTICA FOR GLAZING.

Greenhouses, Sashes, Skylights, etc., new and old. Is elastic, adhesive and easily applied, not affected by dampness, heat or cold.

Every green house man has experienced difficulty in using putty for glazing, that is satisfactory for any length of time. Putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" you can bed in or use outside with machine.

Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side.)

Price of Mastica 1/2 gal. 65c., gal. \$1.15. We are Sole Agents for Central New York.



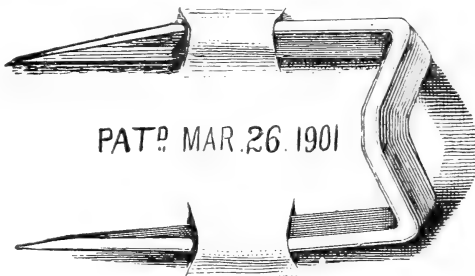
Mastica Glazing Machine.

PRICE \$1.25.

THERE ARE OTHERS  
BUT NONE LIKE

THE PEERLESS  
GLAZING POINT!

A new name and a  
new point.



A Few of its  
Good Points.

No raising up when driven. No Rights. No Lefts. No Sliding. No Trouble to apply. Cheap. Indestructible Once used, always used. Try them once. PRICE 50c per 1000

## DRAIN TILE.

Following sizes o Tile always on hand.



	Weight Each.	Per M.
2 1/2 inch Rise, Sole Tile	3 lbs	\$12.00
2 " " " " " "	4 " "	15.00
3 " " " " " "	5 " "	20.00
4 " " " " " "	7 " "	35.00
5 " " " " " "	9 " "	50.00
6 " " " " " "	12 " "	70.00



3 1-2 Horse Shoe Tile	4 lbs	\$15 00
4 " " " "	5 " "	20.00
5 " " " "	6 " "	30.00
6 " " " "	8 " "	40.00

Length of all Tile about 14 inches.

Special prices on carload lots direct from factory which being located at Chittenango, N. Y., on the lines of the N. Y. C. & H. R. R., the West Shore R. R. and Erie Canal, gives us exceptional shipping facilities.

## ENSILAGE

### FORKS.

This is the best and most popular fork ever put on the market and fills a long felt want for a light, strong fork to handle ensilage, fine manure, etc.

Price \$1.25.

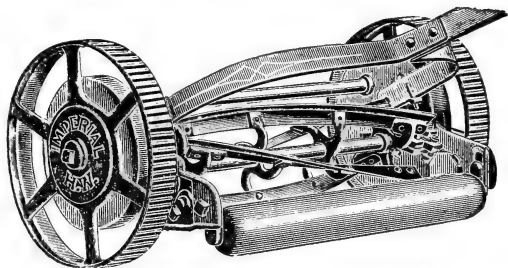
CASH PAID FOR  
WAX BEANS  
AND PUMPKIN  
SEEDS.



## High Wheel Imperial.

Absolutely warranted for Two Years. Positive Adjustment. Has no Equal for Public Parks, Private Lawns, and Cemeteries. Ask for Special Catalogue.

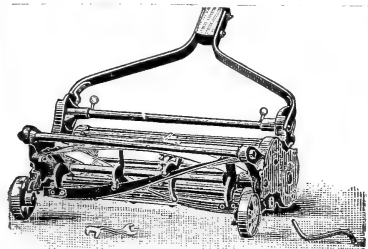
16 inch	-	-	\$ 9.00
18 "	-	-	10.00
20 "	-	-	12.00
22 "	-	-	13.00



## FOREST CITY BALL BEARING LAWN MOWER.

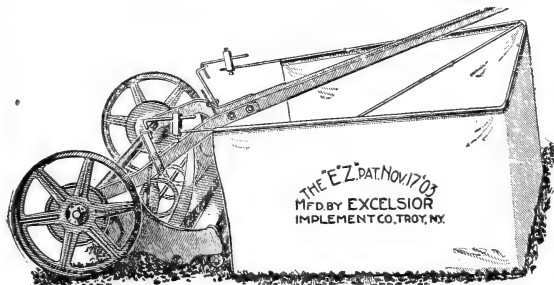
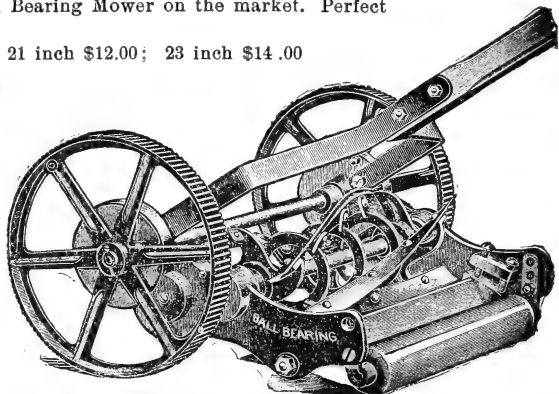
This unquestionably is the Best Ball Bearing Mower on the market. Perfect in every detail, absolutely guaranteed.

17 inch \$10.00; 19 inch \$11.00; 21 inch \$12.00; 23 inch \$14.00



### THE NEW EASY!

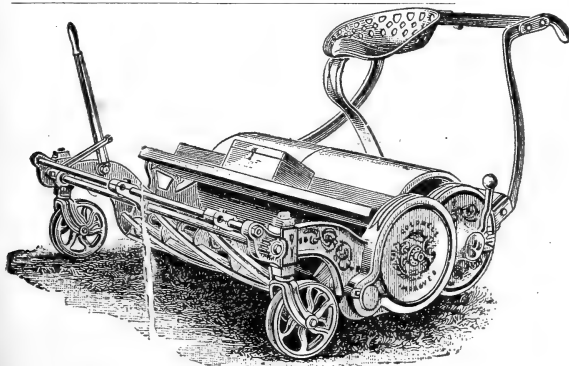
We have sold the "EASY" for 20 years. The Best All Around Mower on Earth.



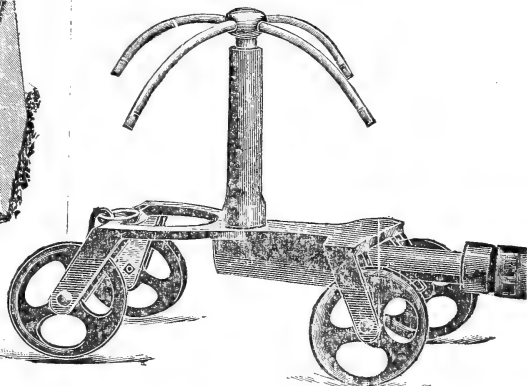
THE "EZ" PAT. NOV 17 03  
MFD. BY EXCELSIOR  
IMPLEMENT CO., TROY, N.Y.

## THE EXCELSIOR GRASS CATCHER FITS EVERY MOWER

consists of a galvanized iron bottom, with impossible-to-rip-cloth connections; the sides and back are made of very strong canvas, and the frame is made of coppered iron anti rust wire, with supports made of the same material. The superiority of this make over any other consists in an attachment which fastens on the yoke of the lawn mower, and is so arranged that the user can attach or detach very quickly with one motion to dump.



## The NEW CENTURY LAWN SPRINKLER.



After attaching the hose, turn on the water pressure gradually, so as to give the head an opportunity to revolve. If it should not attain sufficient speed, change the position of one or more of the arms, which are adjustable, always turning to the left, until sufficient speed revolution and proper distribution is attained. Price \$1.50

## IMPERIAL HORSE LAWN MOWER.

Price, \$55.00 and Up.

Absolutely Guaranteed.

LAWN MOWERS  
SHARPENED  
AND  
REPAIRED.



**Pure Sheep Fertilizer.**

THE NATURAL GRASS FOOD.

Try it and see the wonderful results obtained.

50 lbs. \$1.50. 100 lbs. \$2.50

ANALYSIS.— Ammonia, 4.48 per cent;  
Available Phosphoric Acid, 1.83 per cent;  
Actual Potash, 2.39 per cent;  
Nitrogen 2.36 per cent.

THE BEST

Lawn Fertilizer in the Market.  
Free from all foul seeds. Rich in  
Plant food. Machine Dried.

**Pure Ground Bone**

100 lbs. \$2. 50 lbs. \$1.25

These fertilizers are free from foul seed and  
a natural grass producer.

**LAWN SEEDS.**

The best Lawns of Syracuse show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaption to soils, height, color, etc., 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 are sure there is no better mixture for lawns than ours Our Lawn Seed is Strictly Pure We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds We use only fibrous rooted perennial grasses that will stand the drouth and close cutting without injury We select grasses that harmonize in size and color in order to produce a fine velvety appearance and form a thick covering on the ground. 1 lb. 25c; 100 lbs., \$18.00

Fine Sodds for Lawns. Prices on Application.



**The Ebeling Dandelion Puller.**

This is the best Dandelion Puller on the market. It is made of the best steel, after an English pattern, measures 13 inches and weighs 10 ounces. It is a splendid seller—retails at 50c

**LAWN HOSE.**

GARDEN HOSE  
all sizes and prices.  
NOZZLES,  
HOSE MENDERS,



Garden Reels, Lawn Mowers, Lawn Seed, Lawn Rollers, Lawn Rakes, Lawn Weeders, Lawn Sprinklers, Lawn Baskets.

**GARDEN AND LAWN HOSE.**

We carry a full line of 1-2 and  
3-4 inch Hose of various grades  
from 8c to 20c per foot.

HOSE REELS at \$1.25



**CLIMAX  
HANDY WEEDER.**  
CUT UP! PULL UP!  
PICK UP!  
PRICE, 75c.

**EUREKA WEED KILLER.**

A special preparation, which dissolves in water without boiling over. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, stable yards, etc., and keeps them under for the whole season.

Large size tin sufficient for 100 square yards path, \$1.50 per can.

**WE SELL FERTILIZERS OF ALL KINDS.**

**BOWKER'S CELEBRATED FERTILIZERS.**

The above is a Field showing 448 1-2 bu. fine onions grown on 1-2 acre with 1100 lbs. Stockbridge Onion Manure.

We are Sole Agents for the Celebrated Bowker Fertilizer. Sold strictly for Cash at very close margin of profit.

**WE CARRY IN STOCK THE FOLLOWING BRANDS:**

Hill and Drill, Sure Crop, Corn and Grain, Potash or Staple, Potash Bone, Market Garden, Am. Dissolved Bone or Farm and Garden, 10 per cent Manure, Hop and Potato, Golden Harvest, Empire State, Farm and Garden, Am. Dissolved Bone, Soluble Bone, Early Potato.

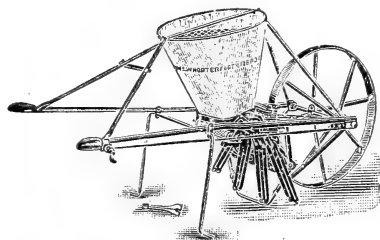
**STOCKBRIDGE SPECIAL MANURES FOR**

Potatoes, Corn, Grain, Vegetables, Onions, Cabbage, Cauliflower, Peas, Beans, Asparagus, Celery, Tobacco, Lettuce, Spinach, Strawberries and Fruit.

**McWHORTER FERTILIZER DISTRIBUTERS.**

**No. 12 Hand Distributor like cut \$11.00**

**No. 14 Horse Distributor \$35.00.** Hopper holds 200 lbs. Fertilizer. Does just twice the work of the No. 12 and broadcasts 6 feet.

**For the Practical, Superior Distribution of all Commercial Fertilizers.**

Cut shows Hand Distributor set for side or top dressing four rows at one time.

This machine is particularly adapted to the farmer and gardener. It is so arranged that the fertilizer can be applied in any manner that may be desired, as the operator has perfect control of the spread and division of same; any change for that purpose requiring only a

few seconds. It distributes fertilizer in a furrow, besides the growing crop, as a top dresser or broad caster to any extent up to a uniform spread of from 2 feet, without removing or loosening a bolt and in any quantity from a few pounds up to 40 pounds or more to 100 yards of row. The fertilizer can be instantly divided from one into two or more streams, and thus be applied beside or on two or more rows of plants at the same time. An examination of the cut will give a clear idea as to how this may be done. The spouts or channels through which it passes to the ground open and close, so that starting with a width of about 4 inches the spread can be gradually increased to 30 in-



# THE IRON AGE

## FARM AND GARDEN IMPLEMENTS.

**The "Iron Age" Catalogue for 1905  
Will be sent Free upon Application.**



**No. 6** Iron Age Combination Double Wheel Hoe, Hill and Drill Seeder. Price **\$11.00**.  
**No. 7** Iron Age as a Seeder only.

Price - - - - **\$8.00**

This tool is without question the most practical and complete combined garden implement ever offered the public. The ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the most important features.

The wheel is made of steel, 16 inches high; the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe or a Single Wheel Hoe, it is equal to any tool or tools made especially for one purpose.

It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

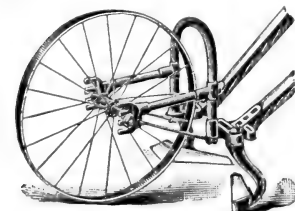
### **No. 1. Iron Age Double Wheel Hoe, Price, \$6.50.**

**The Wheel Hoe Form of the Tools Shown Below.**

**NO. 3.** Iron Age (Side Hoes Only) Price **\$3.75.**

At a glance one can see the great usefulness of this tool. The

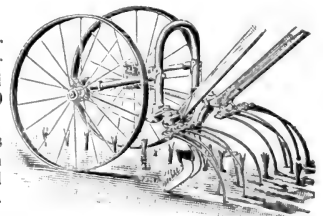
garden or farm is incomplete without at least one of them. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single Wheel Hoe in a moments time. An axle is sent with every Double Hoe for this purpose. The wheels are 16 inches high, enabling the Wheel Hoe to run easy and without yielding to the inequalities of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$6.50.



Showing the Double Wheel Hoe Set up as a Single Wheel.

A Seed Drill attached for sowing in rows only (No. 4) or for sowing both in rows and hills (No. 6.) \$3.50 and \$4.50 respectively.

When applied the tool is identical with that of the Iron Age No. 4 or 6. Combined tools, depending upon which seed attachment is applied.



The Weeder Attachment. Price per, pair \$1.00

**No. 15 Iron Age Combined Single Wheel Hoe, Hill and Drill Seeder. Price \$10**

**No. 16 as a Seeder Only \$7.50**

In combining these tools not a single advantage of a separate Single Wheel, Hoe or Seed Drill is lost. As each they are in themselves complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.

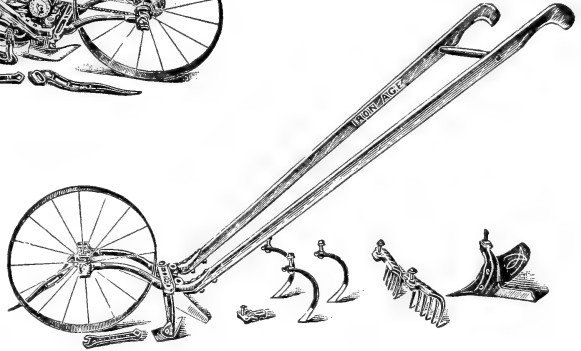


It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The wheel is made of steel 16 in. high; the frame of pipe, coupled to malleable castings; therefore light, (runs easy) strong and durable.

No. 20, Iron Age, the wheel hoe form of No. 15 - - \$5.50.

No. 21, With Side Hoe, only - - \$3.50.

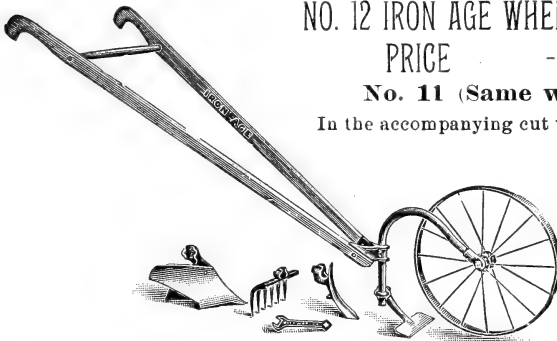


**NO. 12 IRON AGE WHEEL PLOW AND CULTIVATOR,**

PRICE - - \$3.25

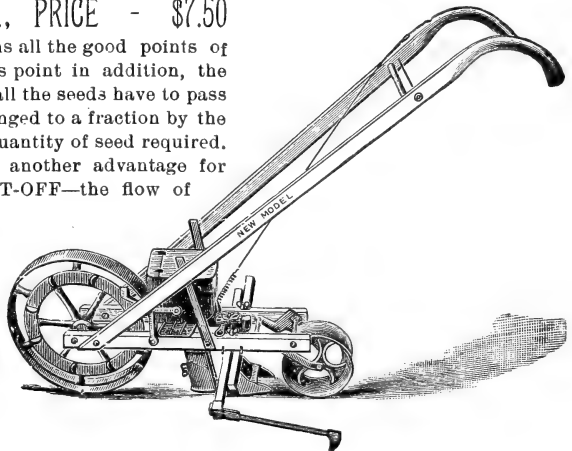
**No. 11 (Same with Plow Only) \$2.25**

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work necessary in a small garden,—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of the laborer or mechanic who can afford only a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work.



**THE NEW MODEL SEED DRILL, PRICE - \$7.50**

The New Model Seed 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 shaped, which is another advantage for rough or irregular shaped seed. 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 the 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.



## No. 22. "Iron Age" Combined Fertilizer Distributor, Hill and Drill Seeder, Price \$17.00.

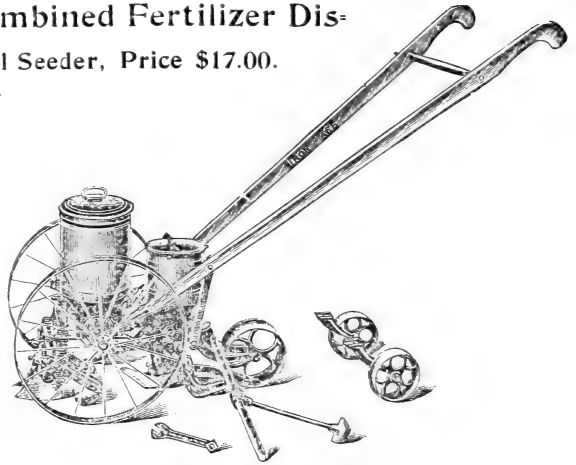
In these days of strong competition in the growing of crops, it becomes necessary for the market gardener to make a study of the most economical use of fertilizers, and to obtain this economy requires such a tool as in accompanying cut, which applies the fertilizer in connection with the seed, just where it will do its greatest good; or by the use of the same tool in its other form, as shown below by applying quick acting fertilizers to growing plants.

Although a tool designed to do so much, it is perfectly simple, light of draught, strong and perfect in quality of the work done by it. These plows are adjustable in depth and width, which allows the adjustment at the depth at which the fertilizer is sown

and allows its distribution in narrow streams at different distances. The plows are immediately followed by the covers which draws the soil over the fertilizer just deposited.

The Fertilizer Distributor is thoroughly reliable in its distribution of fertilizer. It contains a force feed device which prevents stoppage by small lumps.

The Seed Sower Device is practically the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. For soft ground we can furnish a wide tire attachment.



## No. 23. "Iron Age" Fertilizer Distributor (As a Side Dresser,) Price \$12.50

Hill and Drill Seeder Attachment, \$4.50.

The side or top dressing of growing plants has become a practice of great importance. It is not merely a matter of the economical distribution of high priced fertilizers, but what is of more consequence, the placing of it just where the rootlets will quickly seize and absorb its chemical constituents.

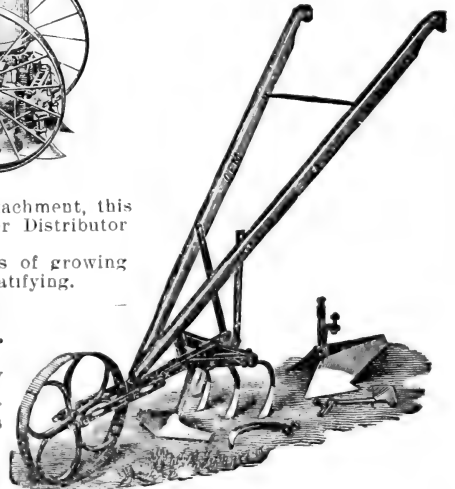


With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

This tool is operated by working astride the rows of growing plants, and the result accomplished will be most gratifying.

## Gem Single Wheel Hoe, \$4.50.

The popular GEM has been so largely used by the market gardeners that it needs no introduction. Being made mostly of steel and malleable iron it is strong, yet light in weight. Sure to please.

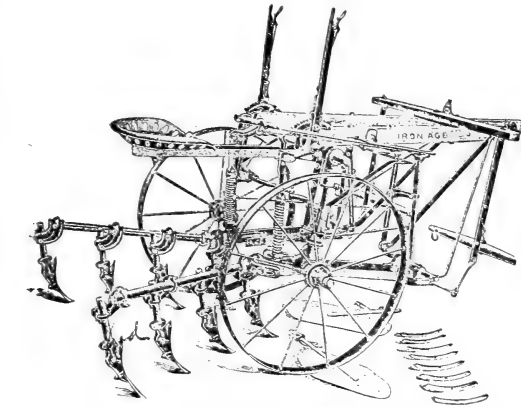


## NO. 80 "IRON AGE" Pivot Wheel Riding Cultivator PRICE \$32.00

The No 80. has many good points which makes it especially desirable in many localities.

**PIVOT WHEELS.**---The pivots being near the wheels and the ends resting on steel balls, renders the guidance of the wheels an easy operation. This familiar way of carrying the machine with gangs to the right or left is a valuable feature for hill-side cultivation, for crooked rows, and for convenience in turning at end of rows. By simply dropping a pin in a hole the wheels may be made fixed for fall cultivation and for drawing to the field.

**Gang Adjusting Lever.**---The gang can be moved close together or



further apart, so as to change to cultivate young or more matured crops, simply by the movement of the gang adjusting lever at the right of the operator, just in a correct position to easily handle.

**Pivoted Gang Bars.**---are round, of steel rolled with a groove, and attached to these are the tooth holder blocks. The cultivating width may be changed almost instantly, and the position of the teeth on the gang bars changed independent of each other. By this method it is not necessary to reduce the number of teeth when narrow rows are to be cultivated, but the full number of standards with narrow teeth may be used, thereby more thoroughly working the ground, yet leaving it level. A set of narrow blades are furnished with each Cultivator. Wheels 32 inches high, Tires 2 1-2 inches wide.

## NO. 60 "IRON AGE" PIVOT WHEEL RIDING CULTIVATOR. Price \$35.00

Add for Plows 75 cents. Fallow Tools \$1.15.

**Ball Bearings**---It has wonderful ease of guidance, the pivots being vertical near the wheels, and the ends resting upon hardened steel balls.

**Spring Pressure Lock-Down**---To prevent the gangs from rising and slipping over hard places, we furnish this Cultivator with a spring pressure lock-down, strong enough to hold it to its work in stiff ground, but weak enough to allow the gangs to rise before damage could occur to them or the standards.

**The Lever Gang Adjuster** gives the operator immediate control of the width of his gangs. **Points**---The steel points sent out on the Cultivator are 2 1-2 inches in width and 10 inches long, while we have, also, of the same length, points 1 1-4 and 3 1-2 inches in width, meeting a call for those extremes.

**The Wheels** as shown in cut, have flanged tires to prevent slipping on hill sides. They are made of steel and while they may appear light, yet they are very strong and durable.

## THE "IRON AGE" FOUR ROW SPRAYER PRICE \$65.00

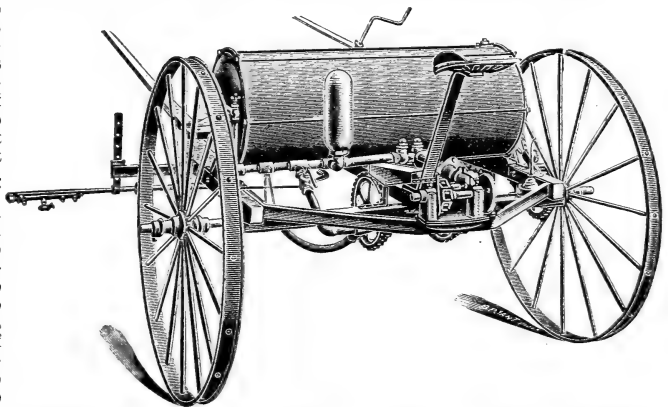
Orchard Attachment consisting of one nozzle 25 feet rubber hose, 10 feet iron pipe---both 1-2 in.---and all necessary fittings. Price \$7.00

**The Pump** is simple and powerful. The power is applied directly to the center of the plunger and thus causes practically no friction or wear. All parts of the pump, most susceptible of wear, coming in contact with the acids of different mixtures are made of brass. The valves are made of brass, and being located on the outside the operator can easily and quickly remove them for cleaning, when necessary, without tearing the pump apart. An adjustable relief valve constitutes a part of the construction of the pump, so that any increase in speed of horse does not waste the mixture be unnecessarily forcing it out through the nozzles, but permits it to return to the tank, making a great saving in solution.

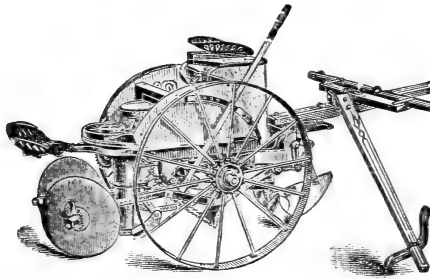
Another important feature of the pump, especially in view of the absolute and urgent necessity of fighting the San Jose scale, is that it is adapted for spraying trees as well as vegetable crops. It is therefore not necessary for one having need of a sprayer to spray both trees and vegetables to buy two machines, as we especially designed this sprayer to do both kinds of work.

**The Tank** holds 55 gallons, made of heavy galvanized iron and should last indefinitely. Fitted with a dasher which revolves continually insuring thorough agitation.

**Nozzles** are located in front of machine in full control of the operator and are adjustable to four different widths of rows, 28, 30, 33 and 36 inches. **The Shafts** are adjustable so that the machine may be carried level while at work. **The Wheels** are adjustable for any width of rows between 28 and 36 inches, are made of steel, 42 in. diameter with 2 1-2 in. channel tire.



## The "Iron Age" (Improved Robbins) Potato Planter.



### PRICE

With Fertilizer Distributor	- - -	\$75.00
Without " "	- - -	65 00
Pea and Corn Sower Attachment	. . .	5 00
Lever Attachment	- - -	95

A machine that is completely and thoroughly successful. Has none of the faults of other planters and does better work than planting by hand.

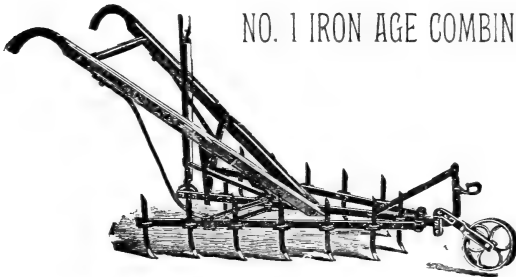
The opening plow is a double mold plow which throws out on each side a free furrow of loose soil with no packing or wedging to crowd the future growth of the crop.

The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceeding the potato tube.

The seed is dropped at 12, 14, 15 1-2, 17, 18 1-2 or 20 inches apart. The change from one distance to another can easily be made by changing sprocket wheels. The covering is accomplished by the means of a pair of discs which cover the seed with a full free covering.

The seed is neither punctured nor injured in any manner while being deposited in the furrow below, so one may rest assured the seed, after it is planted, is in as good condition as when first placed in the machine.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y., D. B. Overacre, Salina; T. A. Mitchell, Weedsport, N. Y., Mr. Pendergast, Phoenix, N. Y., Hubbs Bros., No. Manlius; Oliver Ormsby, Fairmount, N. Y., Fred Wilbur, Fairmount; M. W. Garrett, N. Syracuse.



## NO. 1 IRON AGE COMBINED HARROW AND CULTIVATOR.

Price	- - - - -	\$5.25
Without Wheel or Lever	- - -	4.00

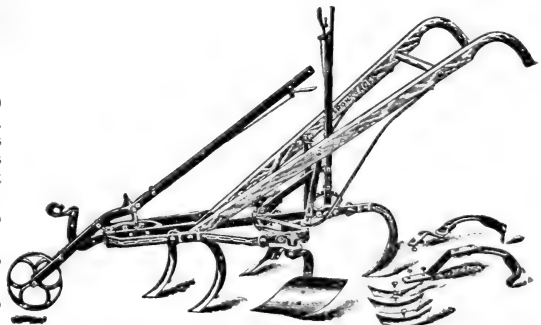
An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil throwing but little dirt.

All believing in level culture should own one of these harrows.

## No. 6 Combined Horse Hoe and Cultivator.

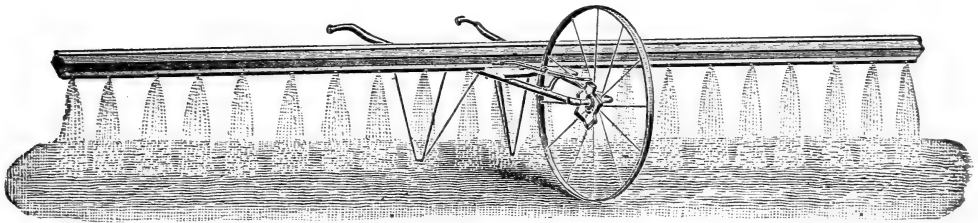
Remarkable for great adjustability. With lever, is expanded from 14 to 30 inches. The wheel regulates the depth. The furrow-closing attachment pulverizes and levels the ground. The side hoes have numerous adjustments. A most satisfactory and popular implement.

Price complete as shown in cut,	\$7.00
Without furrow closing attachment.	
Price	\$6.00
With plain wheel and without lever expander, Price	\$4.80



We Sell the Celebrated BOWKER Fertilizer.

## WHEELBARROW SEEDERS.



WITH RUBBER, IRON OR TWINE DISTRIBUTORS  
WITH WOODEN OR IRON FRAME.

They can be worked by anyone who can run a wheelbarrow,  
Price, \$6.00 to \$7.00 each.

## THE LITTLE GIANT SEED SOWER

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

They save one-third seed and two-thirds labor.

**CRANK SEEDERS** - - - \$2.00  
**FIDDLE SEEDERS** - - - \$1.50



You've wanted it a Thousand Times

## Eureka Kitchen Garden and Hot Bed Seed Drill

It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity. Force Feed. It is only intended for small operations.

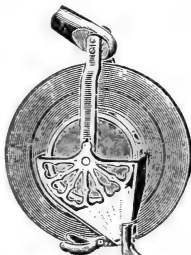
Have You a Kitchen Garden ?

Don't try to do without this little planter another season. Your garden will smile approbation all through the season if you use the EUREKA.

Have You a Hot Bed ?

This drill you must have. It is the 'only machine suited to sow in a hot bed. Sows up close to the sides in straight rows. Sows the small packet of seed as well as a larger bulk. This Drill is not a toy, but a strong, practical machine that will last many years.

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\$1.25

TO THE  
TRADE

## THE WHERRY

Self-Setting Mole Trap

Patented June 4, 1895.

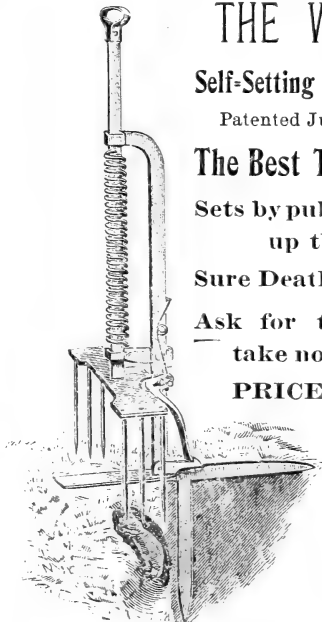
The Best Trap Made.

Sets by pulling  
up the handle.

Sure Death to Moles.

Ask for them and  
take no other.

PRICE \$1.25



**SLUG SHOT**—It is a light, composite, impalpably fine powder, easily distributed by Duster, Bellows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

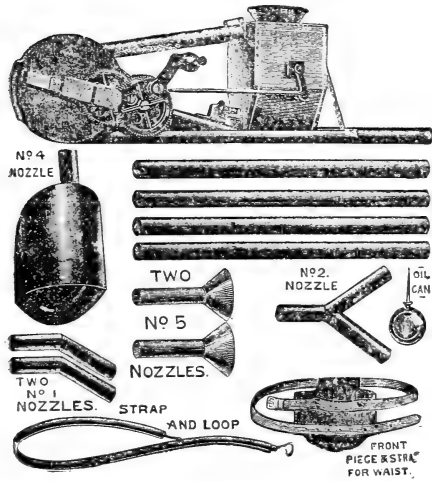


**DISPARINE**

The best and only thing for spraying fruit trees—thoroughly tested and tried, fully guaranteed.

2 lb Can	- \$	50	25 lb "	- -	4 25
5 lb "	- -	1 00	50 lb "	- -	8 00
10 lb "	- -	1 80	100 lb "	- -	15 00

**CHAMPION DRY POWDER GUN.**



This is true to name, "Death to Bugs"  
Price per package .15 .35 .50 \$1.00



Pat. March 16 and Nov. 9, 1897.  
Pat. in Canada Nov. 2, 1897,  
and Jan. 25, 1900.

**SULPHO-TOBACCO SOAP**

Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless Insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and



well known Insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results.

3-oz. Cake, sufficient for 1 1-2 gallons prepared solution, 10c; mailed postpaid 13c.

8-oz. Cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 28c.

With every order we enclose free a booklet "The Window Garden" giving valuable information of Plants, and exterminating of Insects.

Price

\$5.00

to

\$7.00

A wonderful invention. Light swift, safe, strong and cheap. Dusts the pure green. Kills all the bugs and pests without injuring the vines or foliage. Less green used and better results obtained.

**INSECTICIDES.**

Nicotieide, per bottle	- \$2.00	Weedicide, per gal	- \$1.50
Bug Death, 15, 35, 50c	1.00	Slug Shot, per lb	- .06
Tobacco Dust, lb	.10	Lambert's Death-to-Lice	10, 25, 50, 1.00
Sulpho Tobacco Soap, .10 and .20	.20	Persian Insect Powder per lb	.50
Tobacco Soap per pkg .25 and .50	.50	Jumbo Powder Gun,	.25
Tobacco Stems,	-	Cooper's Sheep Dip, pkg 50,	2.00
Soluble Fir Tree Oil, per can	.75	Eureka Fumigator,	1.25
Whale Oil Soap, per pkg 5, 10, 20	.30	London Purple, per lb	.25
Fir Tree Oil Soap, per pkg	.30	Hellebore, per lb	.20
Eureka Weed Killer, per can	1.50	Paris Green,	.20

**BLACK STUFF, TOBACCO POWDER.**

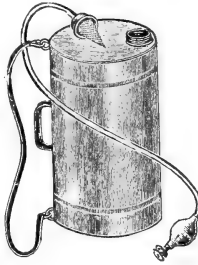
**IT KILLS GREEN FLIES, MOTHS, WOOLLY APHIS, CABBAGE BUGS, POULTRY LICE, SQUASH BUGS, SHEEP TICKS, CELERY WORMS, CURRANT WORMS AND LETTUCE WORMS.**

**5c per lb.**



# THE "LIGHTNING" BULB SPRAYER

NO. 16  
(PATENTED)



Made of heavy galvanized iron, holding two gallons. 3 ft. hose, nozzles etc., carried in a horizontal position it keeps the ingredients thoroughly agitated while spraying. The strainer and screw cap which goes in to the filling hole strains the ingredients as they are used. This prevents sediments from clogging the hose and nozzle, easy to operate, by simply squeezing the rubber bulb, will throw a spray five to twenty feet and will spray two rows of potatoes. Four table spoons of paris green put in the reservoir will kill 4000 hills of potato bugs. To obtain the best results hold the bulb below the reservoir.



**Air Pressure Sprayer  
Rapid Work in a Potato Field  
PRICE \$5.00**

**Falling Over**

**Top of Tree**

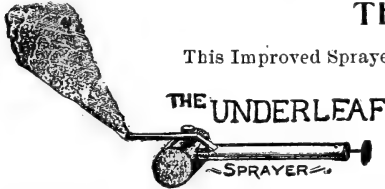
**in Spray.**

**Price \$5.00**



**SYRINGES---\$1.00, \$2.25, \$3.00, \$4.50**

## THE "UNDERLEAF"



This Improved Sprayer is adjusted so that the under side of foliage may be reached. An excellent sprayer for use in garden, greenhouse or for house plants. Reservoir holds one pint. All tin except air and water pipes, which are brass. The plunger should occasionally be softened with a little Neats Foot Oil, by putting a few drops in the hole near the handle.

**Price 50 Cents.**

Use DEDFLI and the Cow will stand contented while being milked. DEDFLI.



Is a Liquid specially compounded and designed to protect cows and horses from the torture of flies, and if used according to directions is guaranteed to do the work thoroughly. This preparation is perfectly harmless, and is an excellent disinfectant and germicide.

Think of what a savage uppercut you make at a fly that alights on your face two or three times, as fast as chased off, then imagine what an annoyance cows



must endure when besieged by a multitude. A dozen tails would not be sufficient; and as nature is only endowed these animals with one, relief must come from an outside source.

**The Electric or Lightning Insect Exterminator.**

**Price 75 Cents.**

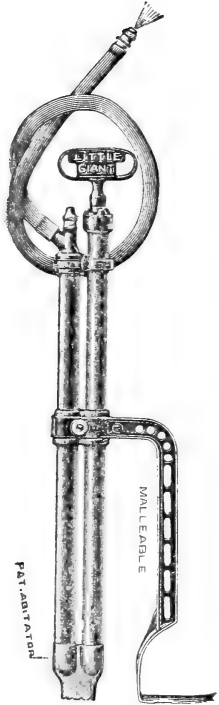
*Effectual, Cheap, Simple, Practical.*



**Rumsey's Superior Double-Acting Spray Pump.**

This represents our new Double Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered. Made in one size only. **Price \$6.50**



**RUMSEY'S**

**"LILLY" SPRAYING**

**NOZZLE.**

**PRICE 50 CENTS**



**THE BEST SPRAY PUMP**

**ON THE MARKET.**

With 3 ft. of 1-2 in discharge hose and "Lilly" Nozzle  
Can be used for washidg windows, carriages, etc.

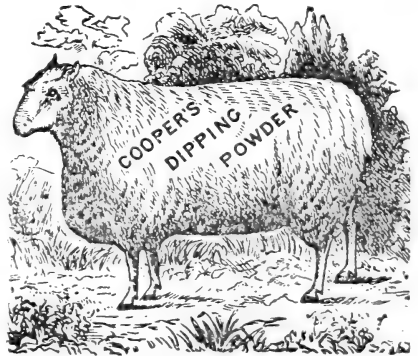
**PRICE \$4.00**



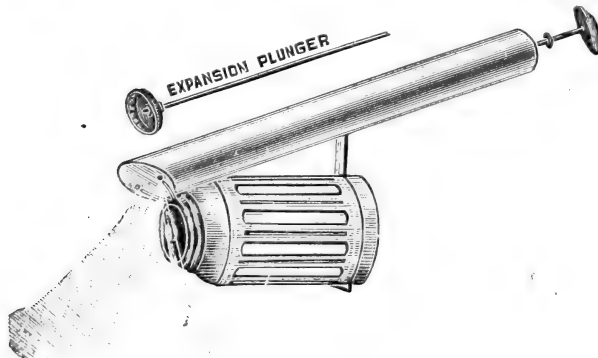
**Price \$3.00 Myers Bucket Brass Spray Pump, with agitator, complete with Hose Combination, Fine and Coarse Spray and Solid Stream Nozzle.**

**Coopers Sheep Dipping Powders.**

The finest in America, used by all ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well-known among sheepmen will be all that is required to convince you we have the best. Sold at factory price. Small packages will make 25 gallons, large packages 100 gallons, ready for use. An unprecedented demand has set in all over the United States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "COOPER" is found far superior in every way.



**Price 50c and \$2.00**



**THE GLASS SPRAYER**

One of the most Popular Sprayers, always in sight. Never rusts out like Tin, or Galvanized iron and should last a lifetime.

**PRICE 75c.**

# TIN SHOP.

**MILK CANS—ALL SIZES.**—Milkmen are invited to examine our work. Repairing promptly done, in the best manner and at moderate prices.

**PEDDLING CANS IN 20, 30, 40, 50 AND 60 QUART SIZES.**

Aerators made to order. Tin Gutters, Galvanized Gutters, Tin Roofing, Stencil Cutting, Galvanized Iron Work. Everything in Tin Work made to order on short notice and in the best manner. Shears, Scissors, Knives and Saws Sharpened and Repaired, also General Jobbing.

**Milk Bottles and Milk Caps always in Stock.**

Quart Milk Bottles	75 cents per doz.	Quart Dippers	- - -	.30 to	.50
Pint " "	65 " " "	Strainers	- - -	.50 to	1.60
Milk Caps	- - - 25 " " "	Tin Milk Pans, per doz		1.50 to	3.00
Carrying Cans, all sizes	\$ .50 to \$2.25	Tin Milk Pails, all sizes		.30 to	.75
Dairy Cans	" " 6.50 to 8.50	Sprinkling Pots, "		.25 to	1.25
Wholesale Cans	" " .40 cents	Excelsior Strainers	- -		2.50
Strainer Pails	" " .50 to .75	"Our Own" Strainers	- -		2.00
Pint Dippers	- - - .30 to .50	Aerators	- - - -	4.00 to	6.00

All hand work and fully warranted.



## Price List of Gravity Cream Separator.

No. 0	holds 7 gal.,	used for 1 to 2 cows,	60 lbs. milk per day	\$2.50
No. 1	" 11 "	" " 2 to 3 "	100 " " "	4.50
No. 1	1-2 " 18 "	" " 3 to 4 "	150 " " "	5.50
No. 2	" 25 "	" " 4 to 7 "	200 " " "	6.50

## SCALES.

Platform Scales	.....	\$9.00 to \$12.00
Counter Scales, Single Beams	.....	2.50
" " Double Beams	.....	3.00

## MILKING TUBES.

**For sore and obstructed Teats and for Hard Milking Cows.**



Full Directions with Each Tube. 65 cents to \$1.25 each.



## Rice's Calf Weaner

AND

## Sucking Cow Muzzle.

FOR PREVENTING CALVES AND COWS SUCKING THEMSELVES OR EACH OTHER.

- No. 1—For Calves till 1 year old, 30c, by mail postpaid 35c
- No. 2—From 1 to 2 years old, 50c, by mail postpaid 56c
- No. 3—For full grown animals and self suckers, 75c, by mail postpaid 85c



## BARREL CHURNS.

No. 0,—	4 gallon, will churn,	2 gallons	\$3.50
No. 1,—	10 " " "	5 " "	4.50
No. 2,—	15 " " "	8 " "	5.00
No. 3,—	20 " " "	10 " "	5.50
No. 4,—	25 " " "	12 " "	7.00
No. 5,—	30 " " "	14 " "	8.00

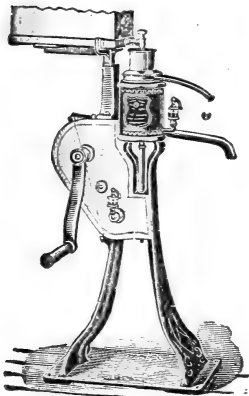
Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



**Milk Bottles and Caps in Quart and Pint Always In Stock.**

# The United States Cream Separators and other Dairy Supplies.

AT SPECIAL PRICES THIS SEASON.



Improved U. S. Cream Separators with incased gear.

Capacities and Prices for 1905 on "New Century" Separators.

No. 9, Capacity 150 to 175 lbs. per hour.....	Price \$ 50 00
No. 8, " 225 to 250 " " .....	" 65.00
No. 7, " 275 to 300 " " .....	" 85.00
No. 6, " 400 to 450 " " .....	" 100.00
No. 5, " 500 to 550 " " .....	" 125.00

The Nos. 8 and 9 have low frames; 5, 6 and 7 high frames.

We submit that the United States Separator has given the dairymen more for their money than any other and has always kept ahead in improvements, and is therefore entitled to the position it occupies of being **first in their estimation and patronage.**

The U. S. Separator can be seen at our store. Catalogue and information free.

## EUREKA BUTTER WORKER.

PRICE LIST.



No. 1, Family size, works 8 to 12 lbs.....	\$ 6.00
No. 2, Dairy size, " 10 to 20 lbs.....	8.00
No. 3, " " 20 to 40 lbs.....	10.00
No. 4, " " 40 to 60 lbs.....	12.00

Write for special circulars.

## The Norcross Churn and Butter Separator.

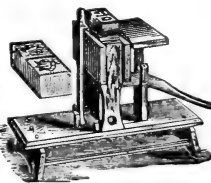
Household size 1 to 8 quarts.....	\$4.00	No. 1, Capacity 1 to 5 gallons.....	\$6.00
		No. 2, Capacity 4 gallons.....	\$8.00.

### Eureka Butter Printer.



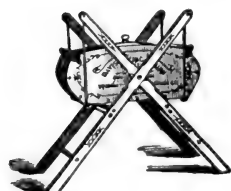
Self-gauging.  
Per pound or half pound.  
No. 1.....\$4 50  
No. 2.....3.50

### Nesbitt Butter Printer.



$\frac{1}{2}$  lb.....\$4.00  
1 lb.....4.50  
Self-gauging \$1.00 extra.

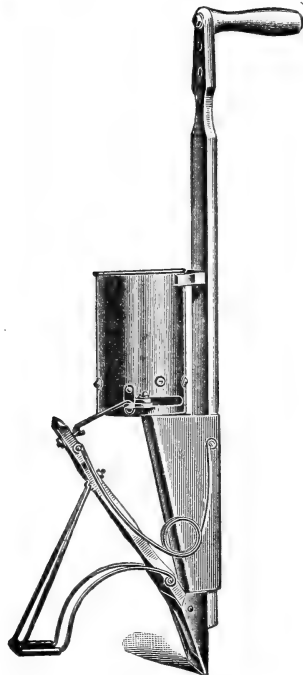
## Davis Swing Churn.--Complete with Folding Frame.



Davis Swinging Churn.

This is the regular frame, and is always sent unless specially ordered otherwise. Tilting Frame extra, \$1.00.

Size.	Will Churn.	Capacity.	Weight,	Lbs.	Price.	Extra for iron Y and pitman.
No. 1,	4 gal., or less,	8 gal.	55	\$ 6.00	\$ .75	
No. 2,	5 gal.,	" 10 "	59	8.00	.75	
No. 3,	8 gal.,	" 16 "	73	10.00	.75	
No. 4,	10 gal.,	" 20 "	85	12.00	.75	
No. 5,	13 gal.,	" 26 "	98	15.00	1.00	
No. 6,	17 gal.,	" 34 "	112	18.00	1.00	



**The American Standard  
HAND CORN PLANTER**

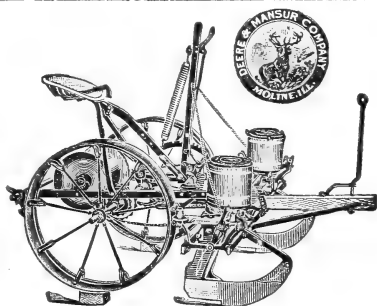
The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.50



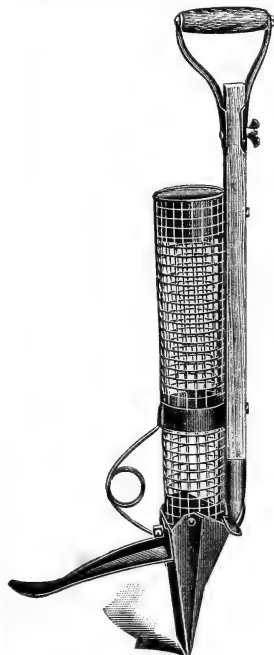
**Wiard's Automatic  
HAND CORN PLANTER**

Simple, Durable, Economical,  
None Better.  
Price \$1.50

**TWO ROWED  
CORN  
PLANTER.**



**Sheffield Potato Planter.**



The best features of all others are combined in this planter.

In every way up-to-date. Light strong and perfectly balanced.

The handle is adjustable to the height of the operator.

The jaws are without doubt superior to any other.

The tube or seed guide is made of galvanized wire screen.

If this looks like a good, practical planter, and you are interested we should like to have you see it.

**PRICE \$2.00**

This plants two rows at a time and is the latest addition to the justly celebrated line of Deere Planters. It is so simple that it is next to impossible for it to get 'out of fix', and in the matter of convenience is simply in a class by itself.

The drop works on the 'edge selection' principle, taking advantage of the fact that kernels of corn, while varying greatly in size, are comparatively uniform in thickness. This gives the Planter an extremely accurate drop.

The valve mechanism is entirely enclosed within the shank, and is not affected by corn-stalks or other trash. The corn is forced out of the heel in perfect check, regardless of the speed of the team, and there is no clogging of the heel.

It is always ready for either hilling or drilling no change of the valves being necessary and no change of plates for distances most used. The foot-drop is always ready for use and is convenient to the foot.

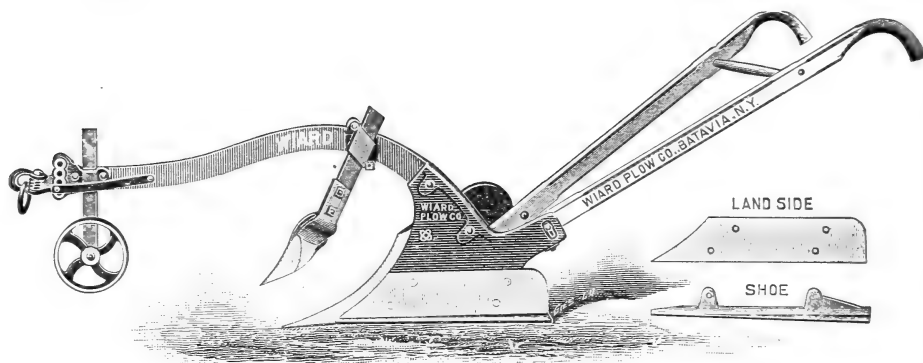
While the front and back frames are extremely rigid, there is a spring connection between the two, allowing the Planter to follow the inequalities of the surface of the ground.

The automatic reel is simple and effective and so situated that it need never be removed from the Planter, although it may be taken off by simply removing one spring cotter.

An adjustable seat adds greatly to the comfort of the operator.

Price for Corn Planter, Check Rower and Drill ..... **\$45.00**  
 With Fertilizer attached ..... **\$55.00**  
 Refer to Skiff Bros., of Salina; Henry Lacy of the Third National Bank, Alderman Frank Matty, Averill & Gregory, Fred Volmer Cicero and E. F. Allen Fayetteville who are using them.

# WIARD STEEL AND IRON BEAM PLOWS.

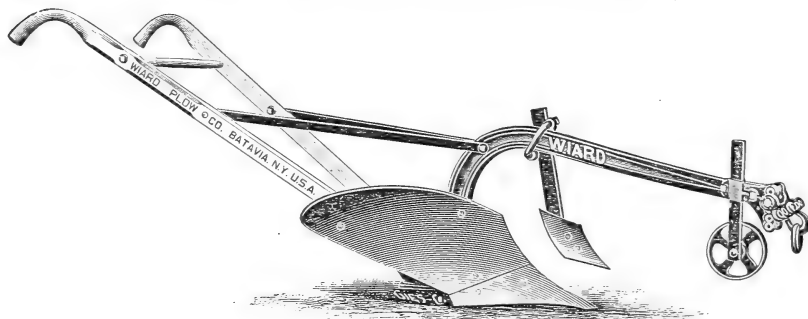


## No. 9.—The Best of the Wiard Plows.

Landside view of Wiard Forged Steel Beam Plow. All our steel beam flat land plows now have land side and shoe as shown above. **Price \$13.50.**

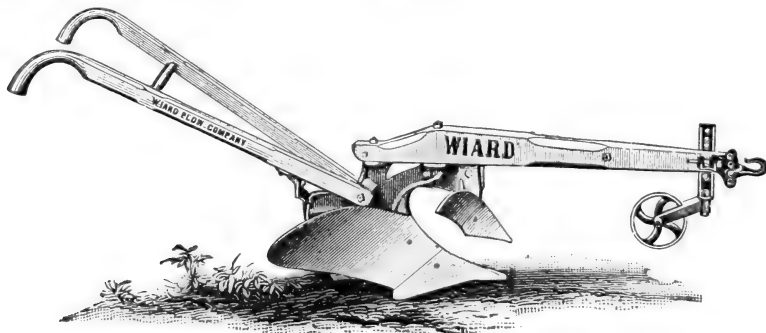
## WIARD PATENT STEEL-BEAM PLOWS.

### No. 100.—The Best of the Wiard Plows.



Rigged with Jointer. Right Hand with Steel Moldboard.

This Plow has proven very popular with our farmers. The shape of this Plow is unsurpassed. Well adapted to all soils. Capacity 6 to 9 inches deep, 10 to 14 inches wide. Weight with Clevis 106 lbs. **Price complete \$13.50.**



### No. 10-B.—Price \$8.00 to \$10.00

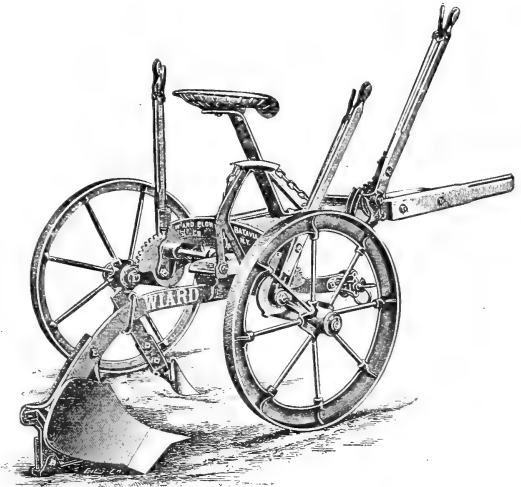
For one-horse, plows 4 to 7 inches deep, 6 to 10 inches wide; weight 77 pounds.

**No. 90 RIGHT HAND  
SULKY PLOW.**

This Sulky Plow is made in the simplest and strongest manner possible, and by the use of levers is guided precisely like a hand plow; and the greatest advantage derived from its use is in plowing lands so hard and stony as to make hand plowing very difficult. Our method of lifting the plow carries the point backward as the plow is raised, freeing it from obstructions under which it may have caught. The patent flanged wheel gives it a perfectly uniform furrow and enables the operator to "finish a land" with utmost precision.

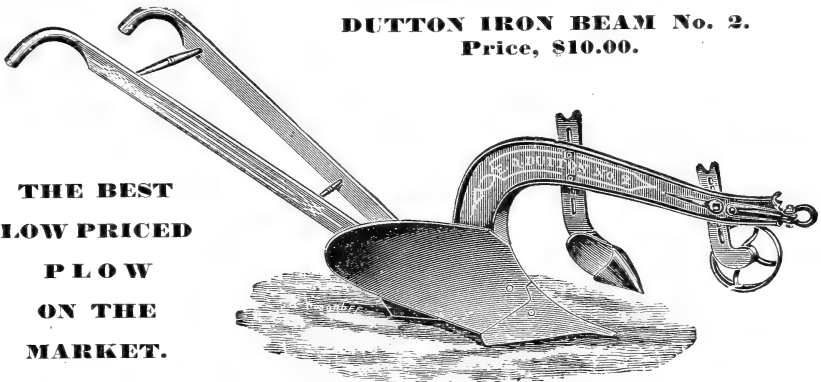
This is the most desirable Steel Beam Sulky Plow and the best ever turned out by the famous Wiard Plow Co. Fully warranted.

**Price, \$34.00.**



**DUTTON IRON BEAM No. 2.  
Price, \$10.00.**

**THE BEST  
LOW PRICED  
PLOW  
ON THE  
MARKET.**



**M. M. S. Poultry Fencing**

Has more good qualities than all others combined—cabled selvage and a cable every foot in height of fence. Requires fewer posts and No Top or Bottom Rail.

**Pleasing—Serviceable—Practical  
Economical—Satisfactory.**

Saves 50 per cent in cost of completed fence. We also manufacture a full line of

**HOG, SHEEP AND FIELD FENCING.**

Our Steel Web Picket Fence, for door yard, Lawns, Parks, Cemeteries, Etc., has no equal for beauty, service and economy.

**Catalogue Free.**



Pat. July 21, 1896.

[Trade Mark.]

Pat. July 6, 1897.

It is made of the best No. 19 Galvanized Steel Wire, smoothly and evenly woven, and retains its full height before as well as after stretching. Beginning at the bottom, the spacing between the horizontal wires for the first foot is 13-4 in. second foot

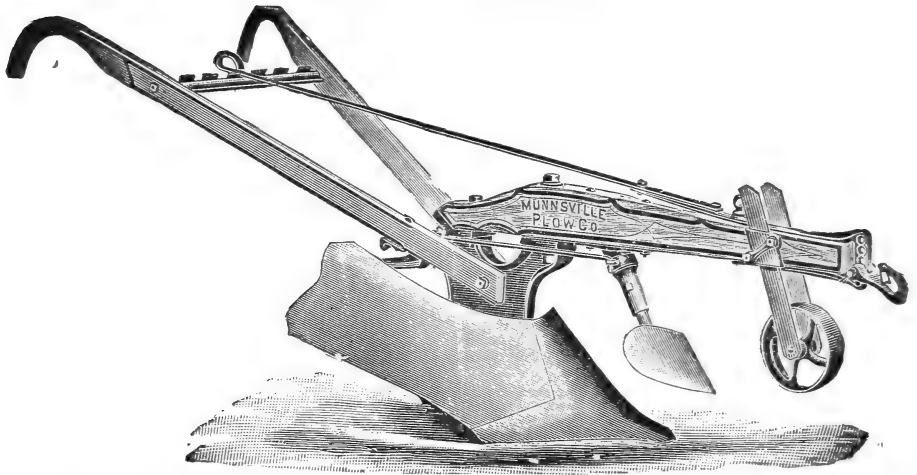
2 1-8 in., and 3 1-8 in. above. The body wires run horizontally and are parallel to each other, therefore in stretching up the fence, as the tension is on the straight line the fencing CANNOT possibly CONTRACT or BUCKLE between the posts. This feature alone, which is of great value, does away with the necessity of using a top or bottom rail, and fully three-fourths of the number of posts required in the old-fashioned poultry netting. In order to give the fence additional strength, a cable composed of two wires twisted together, running lengthwise, is placed every foot in the height of the fence. Each bale 10 rods (165 feet) long. In comparing prices with ordinary poultry netting, remember these bales are 15 feet longer. Price list below. Five per cent. discount on 5 bales or more.

No. 19 Galvanized Wire.				No. 16 Galvanized Wire.			
In. high.	Per bale.	In. high.	Per bale.	In. high.	Per bale.	In. high.	Per bale.
12	\$1.30	48	3.25	12	\$2.00	48	6.20
18	1.60	60	3.85	18	3.00	60	7.60
24	2.00	72	4.35	24	3.80	72	8.60
30	2.35	84	4.95	30	4.40	84	9.20
36	2.65			36	5.00		

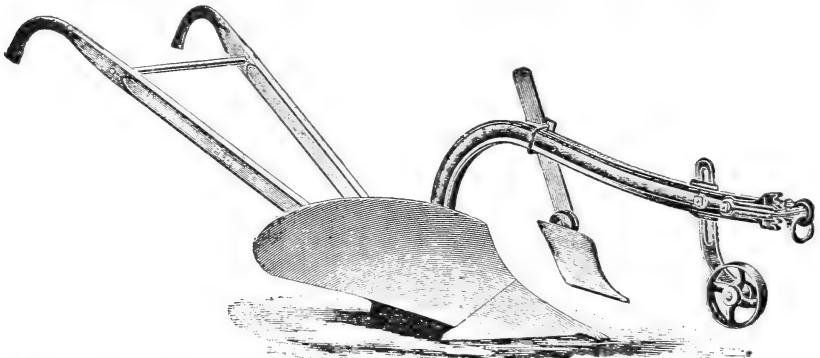



**MUNNSVILLE PLOWS.**

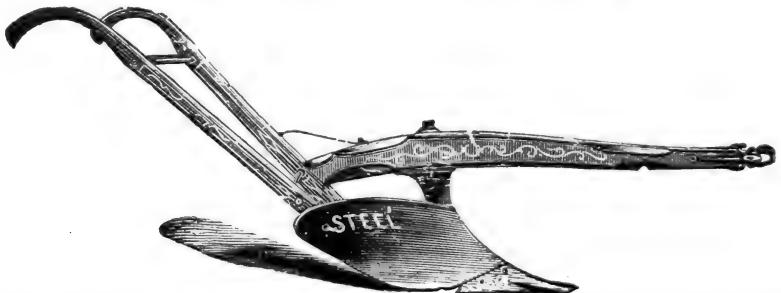
No. 95. "A Good One."



This New Reversible Plow is one of the best on the market and will be sold on its merits. **Price \$13.50.** Call and See it.

**STEEL BEAM PLOW, No. 10,—“The Big Seller.”**

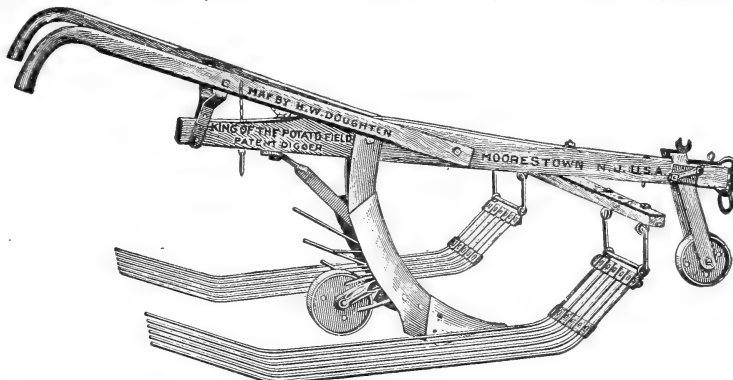
 This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities and pleasing appearance. **Price \$13.50.**

**ONEIDA VALLEY CLIPPER No. 2½.**

This is a light one horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. **Price \$9.00 plain.** This cut also represents our new 2½ chilled plow. **Price \$7.50**

## Hallock's King of the Potato Field Potato Digger.

This wonderful labor saver, which we have sold for many years, is absolutely guaranteed.



The following list contains only a few who are using the "King of the Potato Field" and to whom we refer any who are in need of this great labor saver: Col. A. C. Chase, South Onondaga; A. C. Garrett, Green Point; Loren Palk, North Syracuse; G. W. Dewey, Woodard; James Lukens, Halfway; Elmer Amidon, Navarino; A. E. Smith, Camillus; Pat O'Brien, Pompey; J. W. Hughes, Stiles; Edgar Bowen, Onondaga Valley; E. A. Coville, Split Rock; John Oley, Pompey; E. Benscotten, Onondaga Valley; Newton Moore, Baldwinsville; A. Chubb, Jr., Fulton; Wm. B. Smalley, So. Hannibal; Carl Fisher, Chittenango; John Keefus, Onondaga Hill; N. C. Michaels, Green Point; Mr. Wakefield, Brewerton; Frank Crandall, E. Syracuse; C. M. Barrus, Liverpool; Julian Smith, Liverpool; Charles Fairchilds, R. F. D. Liverpool; Jacob Sneller, Cicero; T. D. Garrett, R. F. D., E. Syracuse; Wm. H. Smith, R. F. D., E. Syracuse; William Pickard, Court St. Road; Wm. Hartung, E. Syracuse; Ed Littleboy, Liverpool; The State Institution for Feeble Minded Children, and many others who are using these diggers.

## DARNELL'S PATENT FURROWER AND MARKER

Opens furrows. Double furrows or ridges. Cultivates or plows to and from. Covers.

Not an experiment, but a stern reality. Nine (9) years tested and failure unknown.

Thousands in use and guaranteed in every case. Pays for itself in one season.

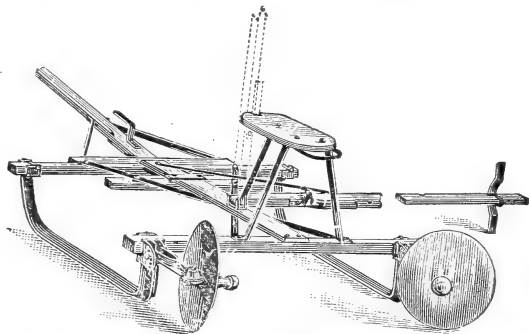
The quality of work done by this implement is unquestionably beyond comparison, to say nothing of the wonderful saving of time and labor.

Opens two rows in either hard or soft ground, from a mere mark to six inches deep, and from two to five inches wide, at the same time making the guiding mark for the return. Width and depth of furrow can be regulated in a moment with our patent adjustable arms.

The earth at the bottom of the furrow is left thoroughly pulverized, making a splendid seed bed. Cultivates or plows to and from, plants in a masterly manner, throwing the dirt around the plant loosely and in a perfectly pulverized condition, the disc being universally acknowledged the greatest pulverizer extant.

Double furrowing or ridging is accomplished with the same speed and accuracy characteristic of this implement, while covering everything that requires covering is done to perfection.

Every machine sold under our guarantee.



## TANNER'S EXTENSION HAY RACK.

It will adjust itself to any length, reaching from 12 to 16 feet. Each section is 6 feet long by 7 feet wide. The bed pieces to each section are 2x6 basswood, the cross pieces 3x3 and the top boards are elm, all dressed and painted.

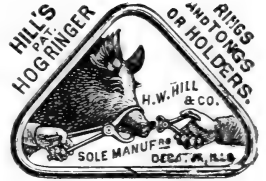
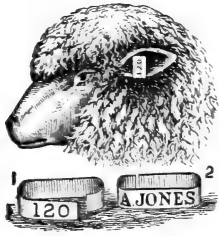
The long bed pieces are 2x6x16 spruce, planed and painted. Every part is bolted. It has a gallus frame at each end that will shut down below the level of the top of the rack so that the top can be covered with boards, making a platform rack to draw crates, etc., on. By the use of panels made of boards nailed on to 2x4 pieces used as stakes it forms a stock rack.

It can be put on or taken off from a wagon by one man, by first drawing out the long bed or side pieces which are fastened to the rack by one bolt at the front end. When off it can be stored in a 6-foot space, or hung on an 8-inch pin. To put the rack on, put each section on to the bolsters. They will be held in place by the bolster stakes that run in the long side pieces and couple up the center. Price, \$14.00.

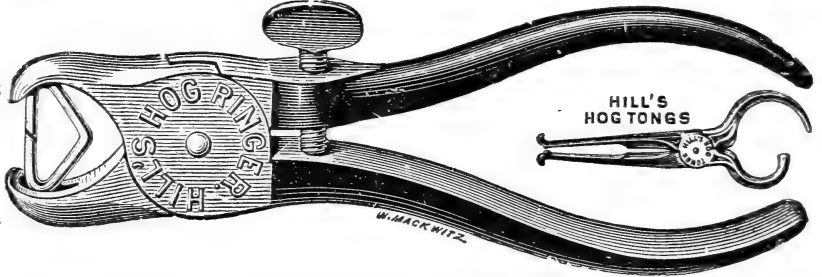
**DANA'S STOCK LABELS.**

**For Cattle, Sheep, Hogs, Etc.**

- Cattle Labels, . . . 75c dozen, \$8.50 per 100
- Sheep and Hog Labels, 50c doz., \$2.50 per 100
- Punches for Cattle, . . . . . \$1.50 each
- “ “ Calves, . . . . . 1.25 each
- “ “ Sheep and Hogs, . . 1.00 each

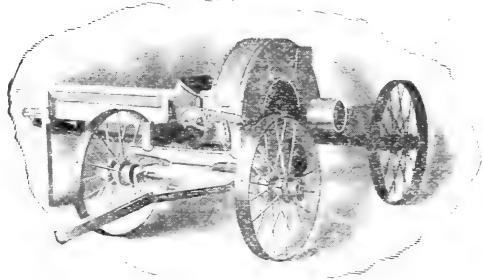


The Prices of Hog Rings and Ringing Tools Have been Reduced.



**WILDER'S WHIRLWIND, No. 13.**

Ensilage Cutter and Dry Corn Fodder Shredder with Plain or Traveling Table, Showing Special Mounting. Ask for Catalogue.



Blower Attachment—Guaranteed to run with less power than any other Blower Cutter made, regardless of size.

No. 13 size is built with the idea in view of furnishing a medium capacity machine that will run Light Power.

Case is made elliptical instead of round, so that there is no possibility of material carrying past the spout opening and requiring extra power to force it past the edge of fan casing

Four years' experience in building case of this shape has proved to us that it will save from 3 to 5 H. P. over round case.

Care and judgment must be used in feeding this style and size machine to adapt the amount fed to machine to power used.

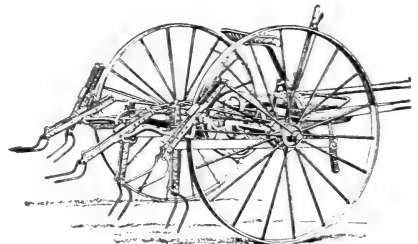
**GENERAL DESCRIPTION.**

- Weight with plain table, 1,300 pounds.
- Weight with traveling table, 1,400 pounds.
- Knives, two or four, 16 inches long.
- Belt Pulley, 8-inch face by 10 1-2 in. in diameter.
- Speed from 750 to 1,500 revolutions per minute.
- Power required, 6 to 8 H. P. steam.
- Capacity from 5 to 10 tons per hour.
- Lengths of cut, 5-8, 7-8, 1 1-4, 2 1-4, 2 7-8 inch.
- Case with rim of 30 Carbon Steel, guaranteed against breakage.

This Cut shows the lever pushed down to stop feeding. Pushing down one notch further reverses the rolls. This is a patented device of our own. Some machines offer a stop feed device—the Wilder machines alone offer a complete control of the feed rolls. Instead of tugging, prying and pulling, to get an obstruction or over bunch of material from the rolls, as in other machines, the operator of this ensilage cutter simply pushes lever to bottom and the rolls are instantly cleared, material or obstruction being thrown back on feed table instantaneously.

**STEEL HAY TEDDERS.**

Fully Guaranteed.



Price, \$35.00.



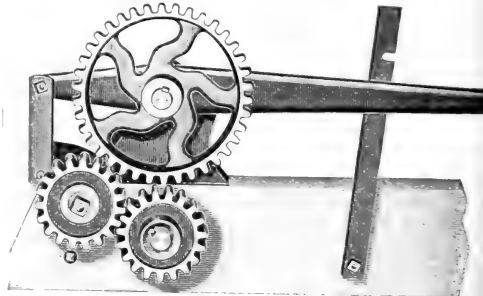
**Hand and Power Root Cutter.**

Has a capacity of 30 to 100 bush. per hour. One bushel per minute has been cut as a test, many times.

Price, \$8.00 and upward.

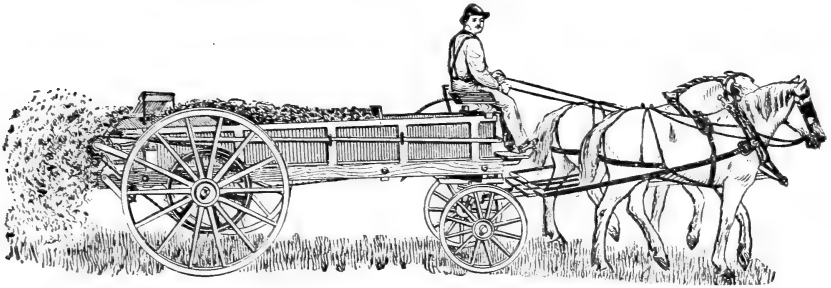
**WILDER SAFETY LEVER.**

For Stopping and Reversing Feed Rolls.



# Kemp & Burpees "Success" Manure Spreader.

Nothing succeeds like "Success"



## THE "SUCCESS" MANURE SPREADER.

No Manure Spreader gives such satisfaction. Success to the dealer who sells it: success to the farmer who buys it. It will spread all kinds of manure or fertilizer in quantities to suit the requirements of the soil.

**It economizes labor**

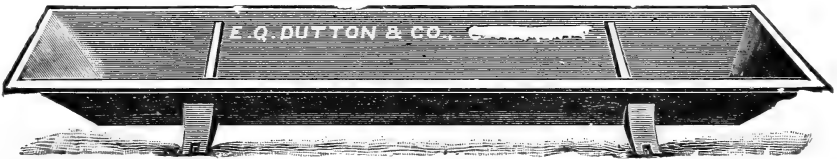
**It economizes manure**

**It increases crops**

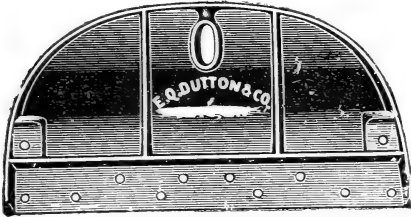
	PRICE	
30 bu. capacity		\$105.00
40 " "		110 00
50 " "		115 00

To succeed you must have "SUCCESS"

## IRON HOG TROUGHS.



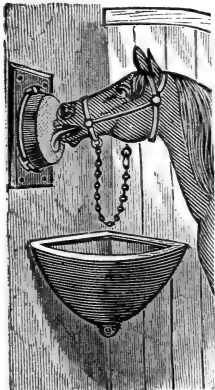
No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes, 3, 4, 5, and 6 feet, 8 inches deep, 12 inches wide. Price 45 cents per foot.



## Iron Stone Boat Head.

A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

**Price \$3.00 Each**



## COMPRESSED SALT

### CAKES AND FRAMES

For Horses Cattle and Sheep  
PATENTED

Pure Refined Salt, acts as a tonic, invigorates the system, promotes digestion and purifies the blood.

25c Per Cake, 5 Cakes \$1.00

Frames 25 Cents



## Farmers' Combination Clamp and Drill

\$2.25 with Diamond Point Drills.

Extra Drills 10c each.

\$3.00 with Syracuse Twist Drills.

Extra Drills 25c each.

The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice, or hand drill. Thoroughly practical.

## DROP LOCK STANCHION

In Steel or Wood Price \$1.50

COME AND SEE IT.

**SOLD ONLY BY  
F. H. EBELING.**

Drop Lock Stanchion, complete . \$1.50  
 Drop Lock Stanchion and steel frame  
 complete \$3.00  
 Wood Drop Lock Stanchion, same as  
 steel stanchion \$1.50

Cannot get out of Order.

Cattle cannot open it.

It is very easy to unlock and lock.

Perfect Automatic Lock.

Unequaled by any other.

Better than all others.

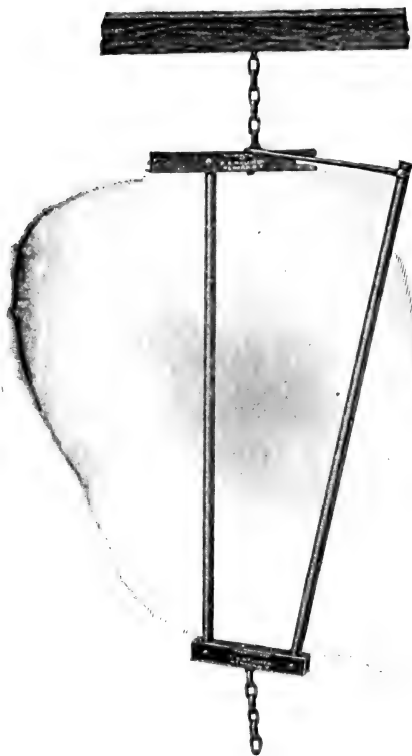
Made of steel and wood.

47 in high, 6 3/4 in wide.

Strongest, Safest, Neatest, Simplest,

Most Convenient, Comfortable,

Cleanest.



## AN UPRIGHT ENGINE EASY TO START

The Lewis Gasoline Engine marks a step forward in engine construction.

It is guaranteed to start quickly and easier than any other make of engine. It is built for those who desire a strong, well-balanced engine which can be used in a small space.

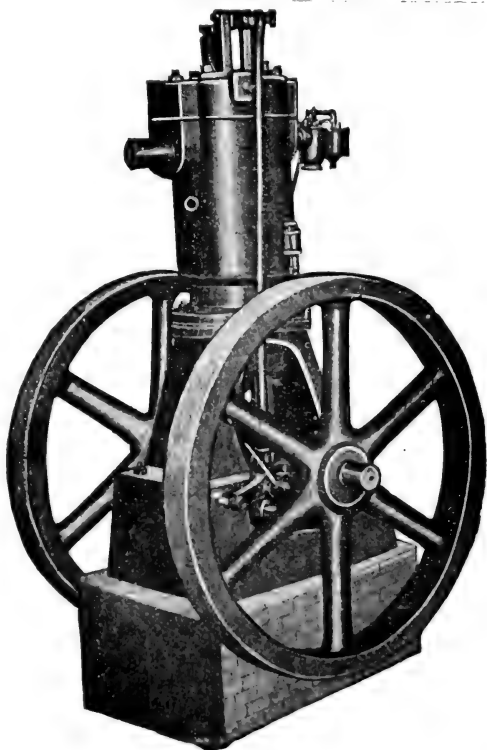
In the construction of explosive engines we have proved by careful tests that an upright engine is more easily balanced and may run at higher speed than a horizontal engine. The action of the explosion being directly against the foundation, this type of engine can be operated most successfully where horizontal engines cannot be used.

Besides they weigh less and run steadier, and can be set up more easily than other types.

Another advantage is that both the exhaust and inlet valves pass directly through the opening in the cylinder head, thus keeping the inside of the cylinder smooth and clean from pockets and recesses and leaving no place for the burned carbon to collect and cause premature explosion.

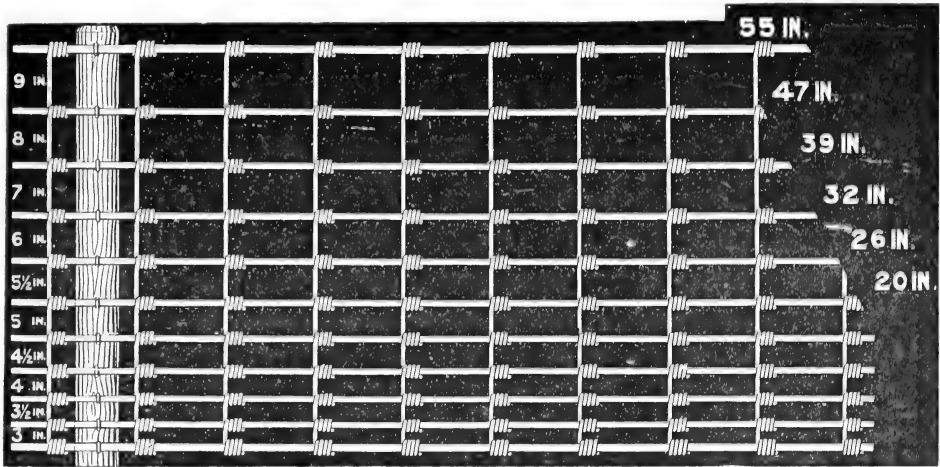
2 Horsepower	\$ 90.00
3 " "	125 00
4 " "	160 00
5 " "	190 00
8 " "	300 00
16 " "	600 00

Ask for Catalogue.



**"AMERICAN" FIELD AND HOG FENCING IN ALL SIZES.**

Price never so low. You can now fence at a small cost. Have 3 cars in stock of the leading sizes.



Special Horse, Hog and Cattle Fence.

The Lott Fence Stretcher should be owned by every farmer. The only tool for putting up the American Field and Hog Fencing. Price, \$5.00.

**CLIMAX STEEL FENCE POST.**

	Height Above Base.	Price Each
<b>Line Post, Base 3x5x30 inches.</b>		
1 1/4 x 1 1/4 x 5-32 in. angle upright	50 in.	\$ .33
1 1/2 x 1 1/2 x 3-16 in. " "	50 in.	.44
1 1/2 x 1 1/2 x 3-16 in. " "	60 in.	.49

	Height Above Base.	Price Each
<b>End Posts, Base 4x6x36 inches.</b>		
2x2x 1/2 in. angle upright	52 in.	\$2.25
2x2x 3/8 in. " "	52 in.	2.75
2x2x 3/8 in. " "	60 in.	3.25

	Height Above Base.	Price Each
<b>Corner Posts, Base 4x6x36 inches.</b>		
2x2x 1/2 in. angle upright	52 in.	\$3.00
2x2x 3/8 in. " "	52 in.	3.50
2x2x 3/8 in. " "	60 in.	3.75

	Height Above Base.	Price Each
Gate Hinges, each		\$ .25
Gate Latches, each		.25
Acorn Top for 1 1/2 x 1 1/2 x 3-16 in. angle		.10
Acorn Top for 2x2x 1/2 and 3/8 in. angle		.25

	Height Above Base.	Price Each
<b>Grape Posts, Base 3x5x30 inches.</b>		
1 1/4 x 1 1/4 x 5-32 in.	52 in.	\$ .33
1 1/2 x 1 1/2 x 3-16 in.	60 in.	.49

**Hitching Post, Base 4x6x30 in.**  
1 1/2 in. round pipe, 42 in. \$1.10

**Clothes Posts, Base 4x6x30 in.**  
1 1/2 in. round pipe, 72 in. \$1.30

All Angle Uprights are made of high carbon Bessemer Steel.  
All Bases are made of vitrified clay glazed like sewer pipe.  
All Line Posts are punched suitable for any kind of wire fencing.  
All End and Corner Posts are not punched. (Wire to be wound around the post--the strain keeps it in place.)

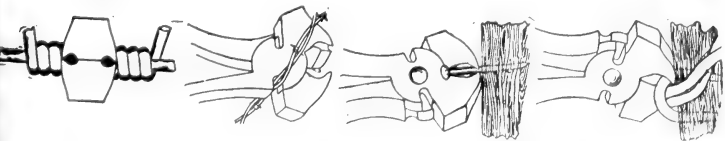
**7--TOOLS IN ONE--7**

**A Crack-a-Jack Seller. Price \$1.00.**



It drives, pulls, makes and saves staples; cuts, splices and straightens wire; is a wrench, a pincer; wire tightener; removes wire trellises; is nail puller, a hammer. Saves bending and cutting wire. Saves time and wages. Saves cutting hands. Saves going to town. Saves losing temper. Saves chasing cows.

**WANTED BY 6,000,000 FARMERS.**  
**It takes the Place of Button Pliers.**



**The Big Success.**

**BUY ONE.**

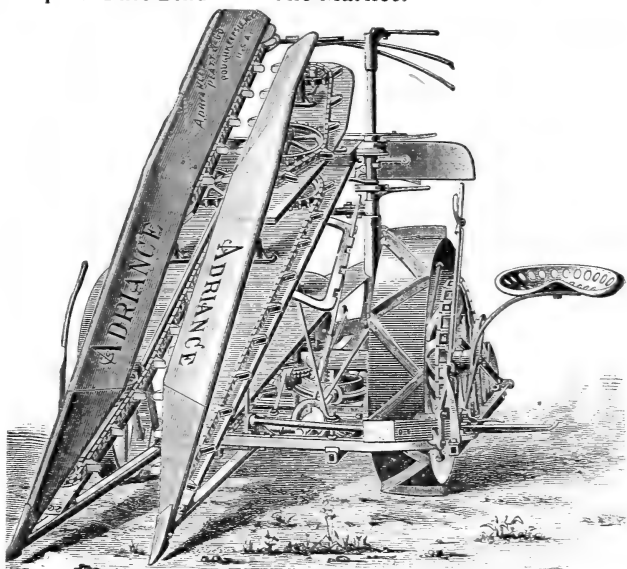
# ADRIANCE CORN BINDER, = = = = Chain Gear

The Best Up-to-Date Binder on The Market.

Read the following list of names of some who bought ADRIANCE CORN BINDERS. Ask them about it. They can tell the facts better than we. When a machine will sell itself, as this has, there is a reason for it. Read the list of names and then go and see them.

It has all the good points of other binders and none of their faults.

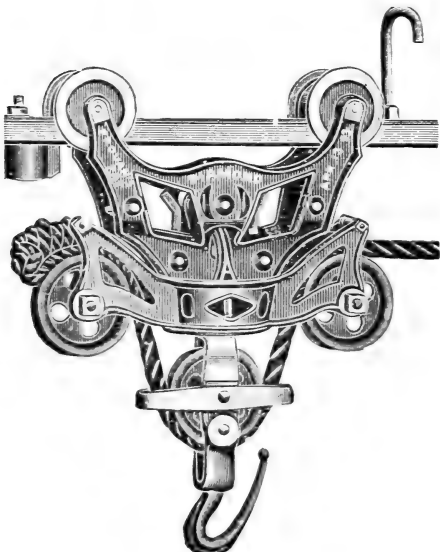
Very compact, being only about 5 feet wide, in perfect control of the operator. It handles tangled corn. It discharges bundles clear of the machine, and is everything that a Good Corn Binder should be. MADE OUTSIDE THE TRUST. Send for Catalogue Containing Full Particulars. Following is a partial list of purchasers of Corn Binders:



J. C. Mautz, R. F. D. E. Syracuse  
 W. W. Wright, N. Syracuse  
 R. S. Temple, E. Syracuse  
 Frank Matty, Syracuse  
 Chas. Camp, Cat)  
 A. C. Hartung, E. Syracuse  
 Henry Coville, Marcellus  
 M. J. Whelan, E. Syracuse, R.  
 F. D. No. 1.  
 C. L. Erlinbeck, E. Syracuse  
 Michael Smith, Camillus, R. F. D.  
 Hiller Bros., E. Syracuse

A. D. Case, Chittenango  
 E. F. Allen, Fayetteville  
 A. C. Garrett, Syracuse, R. F.  
 D. No. 1  
 Houghton Bros., Liverpool  
 S. D. Tilly, Camillus  
 John Masters, E. Syracuse  
 N. C. Michaels, Green Point  
 Willard Sleeth, N. Syracuse  
 George W. Clark, E. Onondaga  
 Patrick Dwyre, jr., E. Onondaga  
 J. E. Davis, Warners

Arthur Jones, E. Syracuse  
 Charles Hessler, E. Syracuse  
 Jesse F. Clift, Split Rock  
 A. J. Melvin, Syracuse, R. F. D.  
 Skiff Bros., Cicero Plank Road  
 William Pickard, Court St. Road  
 I. H. Broadhurst, Syracuse  
 Charles C. Pike, Syracuse  
 Irving Van Wie, Syracuse  
 D. R. Overaere, Syracuse  
 Henry Pettit, Cedarvale



## REVERSIBLE HAY CARRIERS.

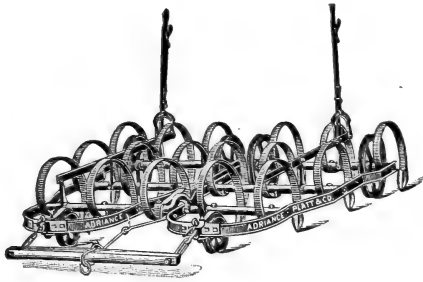
For either Steel or Wood Track.

Light and Durable. Runs either way on the track without changing. **Price, \$4.00.**

- Ney Hay Car, steel track, . . . . . 4 00
- Diamond Car, wood track, . . . . . 4 00
- Double Harpoon Forks, . . . . . \$1 00
- Steel Track per foot . . . . . 10
- Pulleys in Wood and Iron, each, . . . . . 25c to 75c
- Rope, best Manilla, at lowest prices.
- The Steel Hay Tedder, . . . . . 35 00
- Adriance Steel Rake, . . . . . 22 00 to 26 00
- New Yorker Horse Rake, . . . . . 20 00 to 24 00

We carry Haying Tools of all kinds.  
 Also Teeth for all Rakes and Tedders.

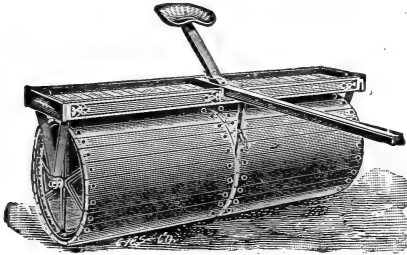




## ADRIANCE HARROWS.

Spring Tooth, with Self-Setting Levers, on  
Wheels, with or without Seat,  
\$18.00, \$19.00, \$20.00.  
Peg Tooth with Levers, Adjustable Teeth and  
Strong Frames, \$13.00.

We had a very large trade on harrows last season.



## LAND ROLLERS.

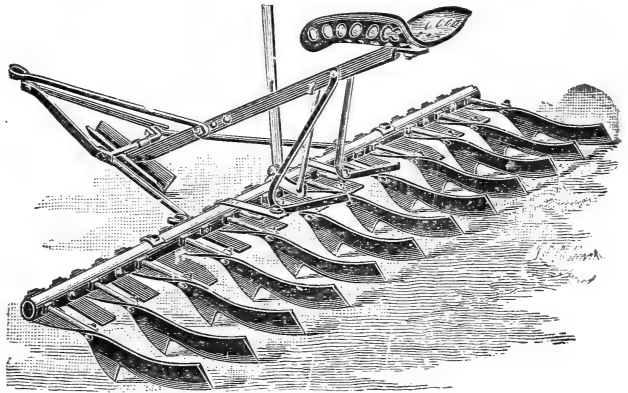
Hard Wood Roller, Two Sections \$18.00 to \$24.00  
Steel Roller, 26 inch, Two Sections, \$25.00 to \$28.00  
Lawn and Garden Roller \$8.00 to \$12.00

We sold more Rollers last season than any three  
years before.

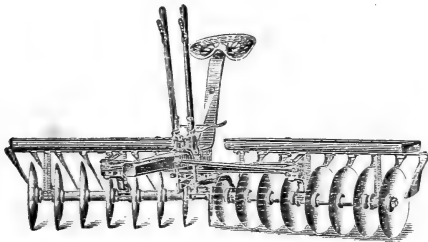
## ACME PULVERIZING HARROW.

A grand implement and a  
great labor saver.

PRICE \$15.00



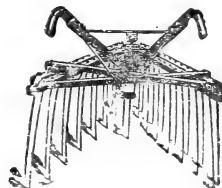
## New York Disk Harrow



The great labor saver. Every farmer should  
have one.

PRICE \$22.00 to \$26.00

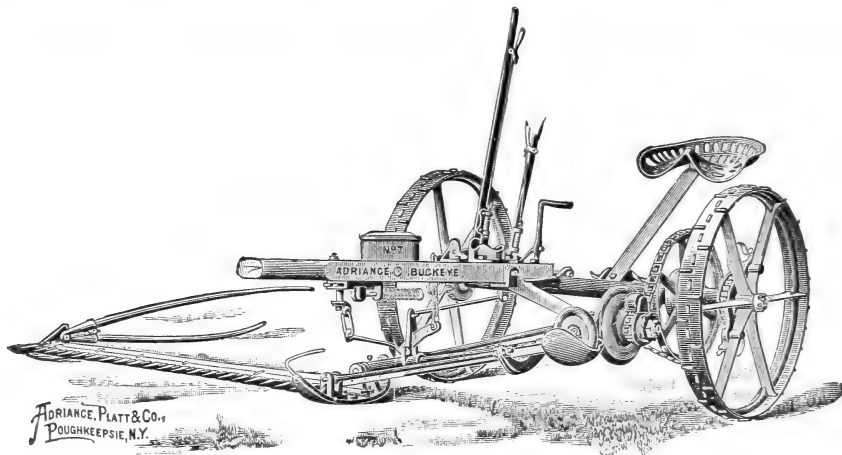
## KEYSTONE ADJUSTABLE WEEDER.



Can expand to 7 1-2 feet and  
narrow to 30 inches.

\$9.00

# Adriance Buckeye Mowers, Reapers and Binders.



The Adriance, Platt & Co. are not in any trust or combination.

SEND FOR CATALOGUE.

ADRIANCE BUCKEYE MOWERS have been known longer and sold in greater numbers in New York State than other mowers, because they have always embodied the greatest improvements and have combined more good points than any others.

ADRIANCE AND ADRIANCE TRIUMPH REAPERS meet all requirements. The Adriance is the best "all around" reaper and suitable for ensilage corn, The Adriance Triumph is the very lightest draft and the leading light reaper,

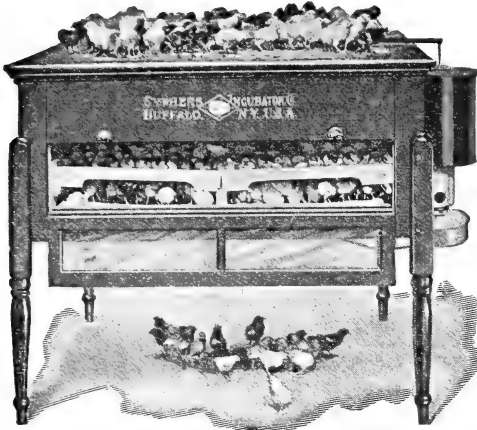
ADRIANCE ELEVATOR AND ADRIANCE BINDERS suit any farm or conditions. Have the "Straight Away" binding attachment, gear driven reel, device to easily loosen or tighten aprons and other special valuable features. The most economical in use,

WE SELL ALL of the ADRIANCE LINE and CARRY EXTRAS in stock.

We give the names of a few who have bought Mowers and Reapers and to whom we refer any who may need machines.

Philip Schwender, E. Syracuse	D. R. Overacre, E. Syracuse	C. H. Fisk, Syracuse
Eugene Hibbard, N. Syracuse	E. F. Allen, Fayetteville	J. Budlong, S. Onondaga
A. Ball, E. Syracuse	Geo. Hale, E. Syracuse	B. R. Hall, Syracuse
Charles Loughnot, R. F. D.	J. A. Nottingham, Syracuse	Charles Brandt, DeWitt
Arthur Alsop, E. Syracuse	W. H. Walters, 120 Park Av. City	A. Rockfellow, Syracuse
Nightingale Bros. Fayetteville	Chas. Van Huesen E. Syracuse	F. VanAuken, Central Square
C. L. Erlenbeck, E. Syracuse	C. M. Barrus, Liverpool, 1	S. C. Worden Est. Onon. Castle
August Wagner, E. Syracuse	J. W. Wright, N. Syracuse	John S. Burt, Jamesville
Daniel Ready, Jamesville	W. W. Bridgeman, Manlius, RFD	John Conly, E. Onondaga
George Gronan, Syracuse, RFD	Eugene Chapman, Syracuse	A. C. Chase, Syracuse
Arthur Jones, E. Syracuse	F. May, Fayetteville	Peter Fitzpatrick, LaFayette
Wm. Pickard, E. Syracuse, RFD	A. C. Bethka, E. Syracuse	Thurston Barker, Clay
Wm. R. Conklin, Syracuse, RFD	G. Simmons, E. Syracuse	Skiff Bros. Syracuse
J. H. Simmons, E. Syracuse	L. & L. Faulkner, Court St.	Martin Randall, Syracuse
George Harter, Manlius	Woodlawn Cemetery, City	Loren Taft, N. Syracuse
C. J. Holden, E. Syracuse, 1	City of Syracuse, City	Charles Martin, Camillus
J. A. Blair Farm, Chittenango	B. Gummer, Fayetteville	H. D. Denison, Syracuse
A. Rocktaschel, N. Syracuse	A. Sanders, E. Syracuse	R. D. Rounds, Jamesville
Peter Noetcher, Liverpool	J. McGough, Jamesville	M. F. Billington, Syracuse
N. Whitford, Jamesville, RFD	S. D. Tilley, Camillus	F. P. Hale, Otisco
S. G. Clemens, Jamesville RFD	A. Sanders, Syracuse	E. Naughton, Jamesville
Frank Reen, E. Syracuse	W. H. Valentine, Jamesville	N. C. Michaels, Green Point

# The CYPHERS NON-MOISTURE INCUBATORS.



The celebrated CYPHERS NON-MOISTURE INCUBATORS, of which we are authorized agents, are guaranteed by the manufacturers as follows:

First:—To require no supplied moisture thus disposing of the moisture question.

Second:—To be self-ventilating, the air in the egg chamber remaining sweet and pure.

Third:—To be self-regulating, being equipped with the most sensitive, accurate and durable regulator thus far invented.

Fourth:—To operate with less oil and at less expense than any other make of incubator, and to be as free from offensive odors as an ordinary house lamp.

Fifth:—To be in all essentials the simplest and easiest to operate and control, requiring less labor and attention than any other incubator.

Sixth:—To produce larger, stronger and

healthier chicks and ducklings than any other style or make of incubator.

Seventh:—That where it runs in competition with any incubator of different make, it shall, in three or more hatchings, bring out a larger percentage of the fertile eggs in good healthier chicks and ducklings than does its competitor.

Eighth:—That each and every standard Cyphers Incubator sold under registered trade mark will do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us within 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.

We, as agents for the Cyphers Incubators and Brooders, are authorized by the manufacturers to stand back of the foregoing guaranty in every particular, and hereby agree to do so. Under this arrangement all who purchase of us are insured ample protection.

By purchasing Cyphers incubators in large quantities we are able to sell them at exactly factory prices free on board cars Syracuse, N. Y., as follows:

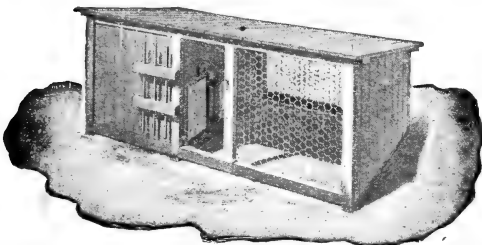
No. 0.	60	Hen's eggs,	48	Duck's eggs	\$12.00
No. 1.	120	" "	100	" "	17.00
No. 2.	220	" "	190	" "	24.00
No. 3.	360	" "	290	" "	30.00

Realizing that there is considerable demand for a low-priced incubator, and, while we do not have great faith in any other than the very best machine, we believe we are warranted in offering such a machine as can be purchased by people who wish to attempt artificial incubation and not risk a great amount of money. While these incubators which we list below are not as good a machine as the standard Cyphers incubators, they are better than any other low-priced incubator on the market, and will, under ordinary favorable conditions, hatch a good percentage of the eggs entrusted to them.

Made in two sizes: 100-egg, known as the Farm Economy; 50-egg, known as the Boy's Choice.

PRICES: Farm Economy, 100-egg, \$10.00; Boy's Choice, 50-egg, \$6.50.

## NEW MODEL COOP FOR HENS AND CHICKENS.



We offer this season a new and improved model coop, intended for a hen with chickens but which may be used as a home for the chicks long after they are weaned by the hen also for a small flock of chickens that are old enough to be taken from the brooder house and colonized out of doors.

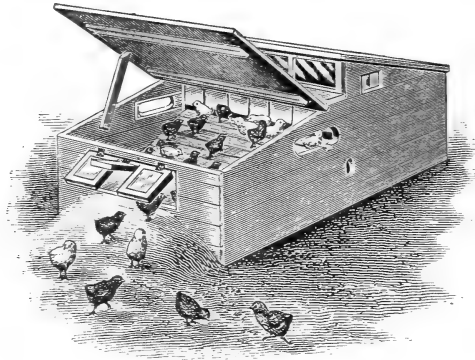
This coop is 4 ft. 6 in. wide, 2 ft. deep, 1 ft. 9 in. high in front and 1 ft. 3 in. high at the rear. It has two compartments, a closed or house part and a wire inclosed shelter or exercise room. The house part is 1 ft. 9 in. x 2 ft., and is provided with a removable

floor. It is separated from the exercise room by a wooden partition with galvanized wire cloth window and door which admit light and air. These coops are attractively painted and if properly cared for will last many years. Price each \$3.00.

## PERFECT MARKER.

This punch is so simple in construction that it will appeal to all as a practical tool. It makes a good, clear cut and does not mutilate the web as do many cheaper punches. These punches are made especially for the work and we guarantee them to meet all requirements. Price, each, 50 cents.

## CYPHERS UNEQUALED APARTMENT BROODERS.



This cut represents the Style A, Indoor Brooder, front view.

**STYLE B, INDOOR BROODER**—The Cyphers B, Brooder, standard size (36x36 inches), is for indoor use exclusively. It is heated by a Cyphers Safety Brooder Stove, has two apartments for chicks, one under the hover, the other outside and around the hover; this outside apartment being ten to fifteen degrees cooler than the under hover.

Like Cyphers Incubators, we sell Cyphers Brooders at factory prices, free on board cars at Syracuse, N. Y., as follows:

Style A, Outdoor, \$12.00.

Style B, Indoor, \$10.00.

### STORM KING BROODERS.

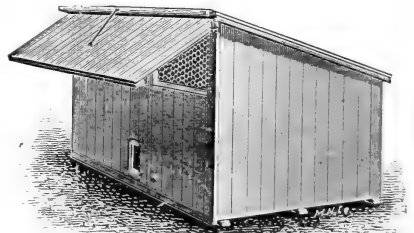
Recognizing the widespread demand for a thoroughly well-made and practical brooder that can be sold at a lower price than the Cyphers Standard Style A Brooders, we offer Storm King Brooders Nos. 1 and 2. These are a combined brooder and colony coop, manufactured in two sizes. No. 1 has a floor space of 24x39 inches and will hold 50 newly-hatched chicks. No. 2 has a floor space of 28x45 inches and will hold 75 newly-hatched chicks. Manufactured from 7-8 inch pine lumber, well matched, dressed on both sides and free from all loose knots.

While the Storm King Brooder is not for all purposes as serviceable and as satisfactory as the Standard Style A, we believe that it is more satisfactory than any other low-priced brooder on the market.

If you are further interested in incubators and brooders, send 10 cents for 212-page incubator and brooder catalogue, giving full description of entire line of manufactures of the Cyphers Company.

### COLONY HOUSES.

THE CYPHERS COLONY HOUSES OR ROOSTING COOPS are 3x6 feet in size, 36 inches high in front and 24 inches high in back. They are correct in principle and safe against the attacks of the four-footed enemies of poultry. Each coop is well made, has a strong, dry floor and is built with a hinge hood that keeps out rain and snow during stormy weather.



Freight on these is so heavy we are unable to quote them f. o. b. Syracuse, N. Y., at the same the Cyphers Incubator Company quote f. o. b. Buffalo. You will, however, find it to your advantage to purchase them from us at the price we here name.

F. O. B. Syracuse, each, \$8.00.

F. O. B. Buffalo, each, \$7.00.

### HIGH GRADE TESTED THERMOMETERS.

The best incubator or brooder manufactured is useless unless the thermometer used therein is accurate. The operator to be successful must know the exact temperature in the egg chamber of the incubator, and be sure that the chickens in the brooder have the proper amount of heat. The thermometers here listed are manufactured especially for us, and are thoroughly tested before they are shipped.

Cyphers Incubator Thermometers, each, postpaid, 60 cents; Cyphers Brooder Thermometers, each, postpaid, 45 cents; Cyphers Brooder Thermometers, mounted on wooden holder for use in Cyphers Brooders, each, postpaid, 55 cents.

## CYPHERS CHICK FOOD.

Is a mixture of eleven different grains and seeds, proportioned so as to meet all the needs of growing chicks and to fully nourish them. By the term "fully nourish" we mean a great deal. Chick foods, as a rule, contain too much fat-forming and not enough bone-forming elements and in consequence the chick develop indigestion and diarrhoea (which ultimately means no digestion at all), and quickly starves to death, or, if partially nourished, leg-weakness develops and the chick drags out a miserable existence. CYPHERS CHICK FOOD relieves of all concern, as the food is a complete and properly-balanced ration, ready for use.

Price: 50 lb. sealed bag, \$1.50; 100 lb. sealed bag, \$2.50.



### CLOVER MEAL.

Mealed Clover is Shredded Clover reduced to a meal. It contains the entire product, stalks, leaves and blossoms. Best form for use in mash food for chicks, the meal being ground sufficiently coarse to give bulk to the mash, thus making it easily digested. 50 lbs. \$1.10, 100 lbs. \$2.00.

**FORCING FOOD.**—Price, 50 lbs. \$1.10, 100 lbs. \$2.00.

Where very rapid growth is required a highly concentrated food can be fed, and for this work we recommend CYPHERS FORCING FOOD. No adulteration whatever is permitted in the manufacture of the food.

**LAYING FOOD.**—Price, 50 lbs. \$1.10, 100 lbs. \$2.00.

Is the only successfully-balanced ration from which to make the morning mash. It is made from the best selected grains. The makers of the food manufacture nothing in the way of foods except poultry foods and consequently have no by-products, as in the case of most manufacturers of poultry foods.

### MEDICINE CASE OF STANDARD POULTRY REMEDIES.

This assortment of remedies is sufficient to combat all the various diseases of poultry and to check any threatened epidemic. Put up in a neat, strong case of ten remedies. Each lot labeled showing dosage and the diseases which its contents will prevent or cure. Complete directions in plain English on lid of case, also on each vial. These remedies are extensively used by experienced poultrymen.

Price, Complete set, \$3.00; single vials of 100 tablets, in suitable mailing case, 40c each.

SEND FOR SPECIAL CIRCULAR FULLY DESCRIBING THESE REMEDIES.

**SCRATCHING FOOD.**—50 lbs. \$1.10; 100 lbs. \$2.00.

In combining grains to be used as an exercise food, scattered in the pens to make the hens work for what they get, it will not do to make up a random assortment of any available material. In this Scratching Food we have exactly filled these requirements. A little of this food scattered in the litter will quickly start the dust flying, which means healthy fowls, full of vigor and vitality, and a full basket of hatchable eggs.

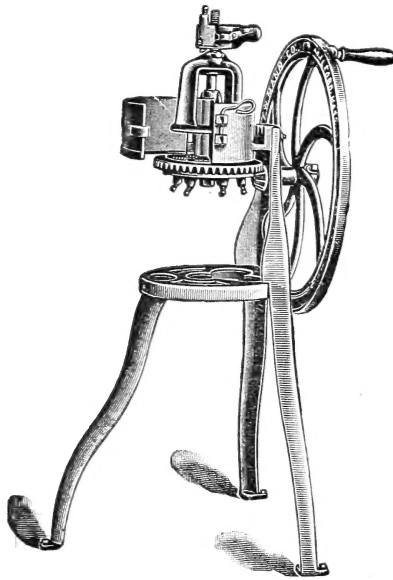
### POULTRY LIBRARY.

- |             |   |           |
|-------------|---|-----------|
| Book No. 1, | Profitable Poultry Keeping in all its Branches, | 50 cents. |
| " " 2,      | " Care and Management of Poultry,               | 50 cents. |
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| " " 5,      | " Market Poultry,                               | 50 cents. |
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These form a complete and valuable library for poultrymen. They contain no advertising. The special articles alone are well worth the total cost of the entire library. Each is written by an experienced poultryman.

**SPECIAL OFFER.**—While we consider these books cheap at the price quoted, we offer five, ordered at one time, for \$2.00, postpaid; three for \$1.25, postpaid; all six, postpaid, for \$2.50 to one address.

We carry in stock a large line of Poultry Supplies, which space does not permit us to list here. Will be pleased to have you call, examine our stock and get our prices.



# MANN'S CELEBRATED BONE CUTTERS.

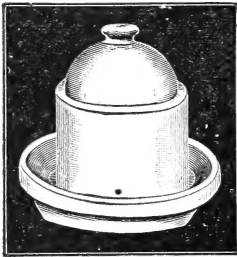
We offer the best Bone Mill on the Market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

## PRICE LIST OF MANN'S GREEN BONE CUTTERS.

No. 5 C	with Crank Handle.....	\$ 6.00
No. 5 B	“ Balance Wheel.....	8.00
No. 5 B M	“ “ “ and iron stand	10.50
No. 7	“ “ “ “ “	12.00
No. 9	“ “ “ “ “	18.40
No. 11	Power Machine.....	26.00

CATALOGUE FREE.

## DRINKING FOUNTAINS.



### E. H. M. Poultry Fountains.

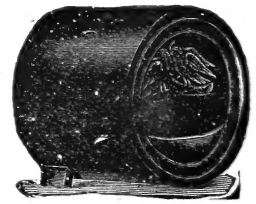
1 quart .....	20c
1/2 gallon .....	25c
1 “ .....	40c



### Eureka Non-Freezing.

Eureka Non-Breaking, Galvanized Iron, in two sections.

Easily cleaned.  
Will last a life time.  
Price, 50c.



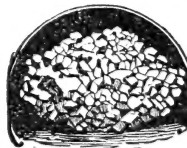
### W. R. Poultry Fountains.

1/2 gallon.....	25c
1 “ .....	35c
2 “ .....	50c



\$2.50 per 100 pounds.

### GRANITE CRYSTAL GRIT MAGNIFIED. Crystal Formation.



BEFORE.



AFTER.

Being Acted Upon by the Gizzard.

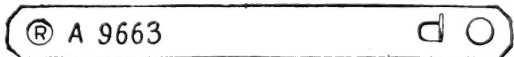
Crystal Formation. Sharp, clean, hard. Free from dust. Lasts longer. More economical than any other grit. Best known.

### Aluminum Sealed Leg Bands.

NEAT. LIGHT. DURABLE.  
WARRANTED TO STAY ON.

Aluminum Leg Bands,

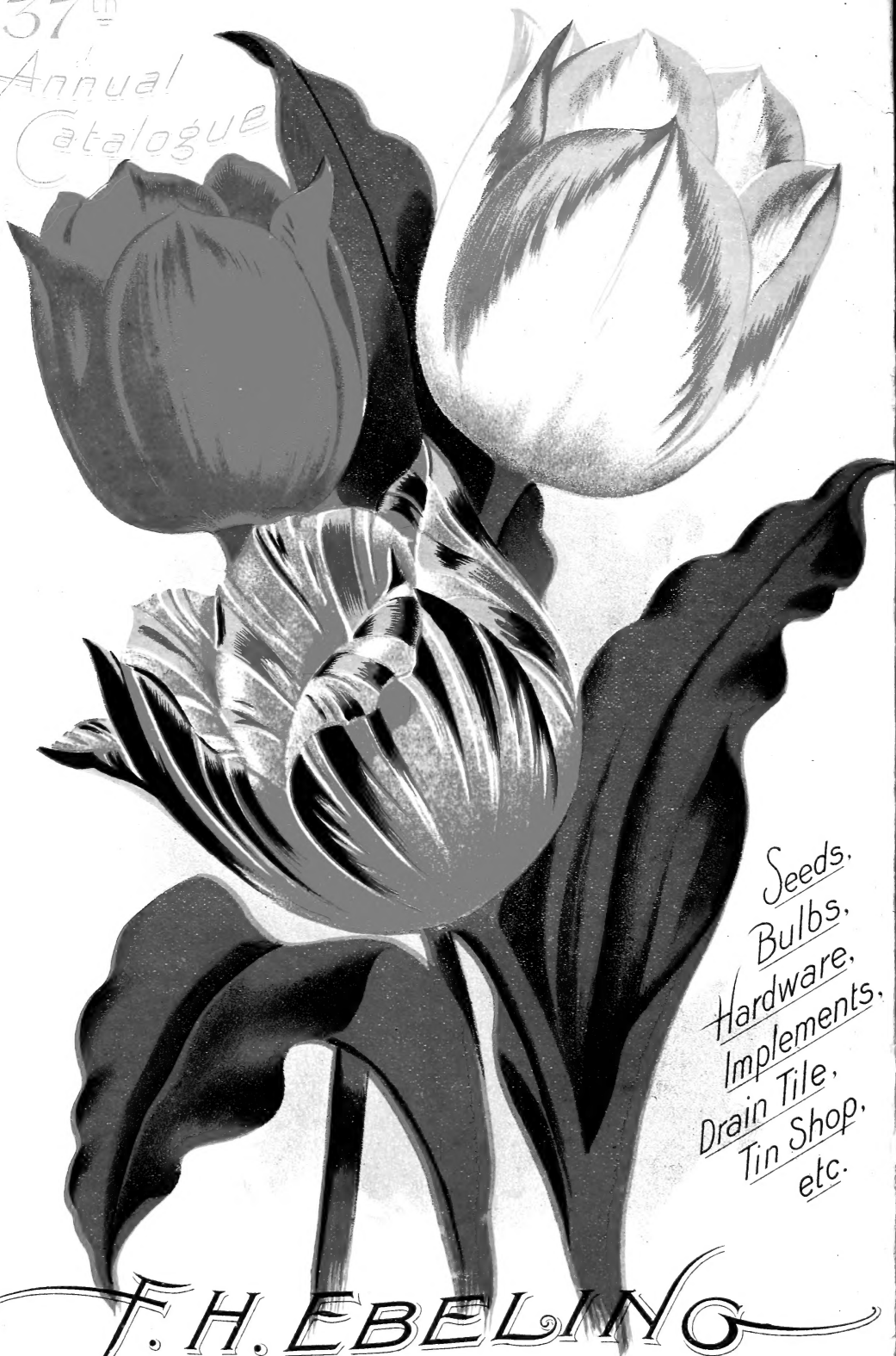
15c per doz.; \$1.00 per 100







37<sup>th</sup>  
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Bulbs.  
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Implements.  
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