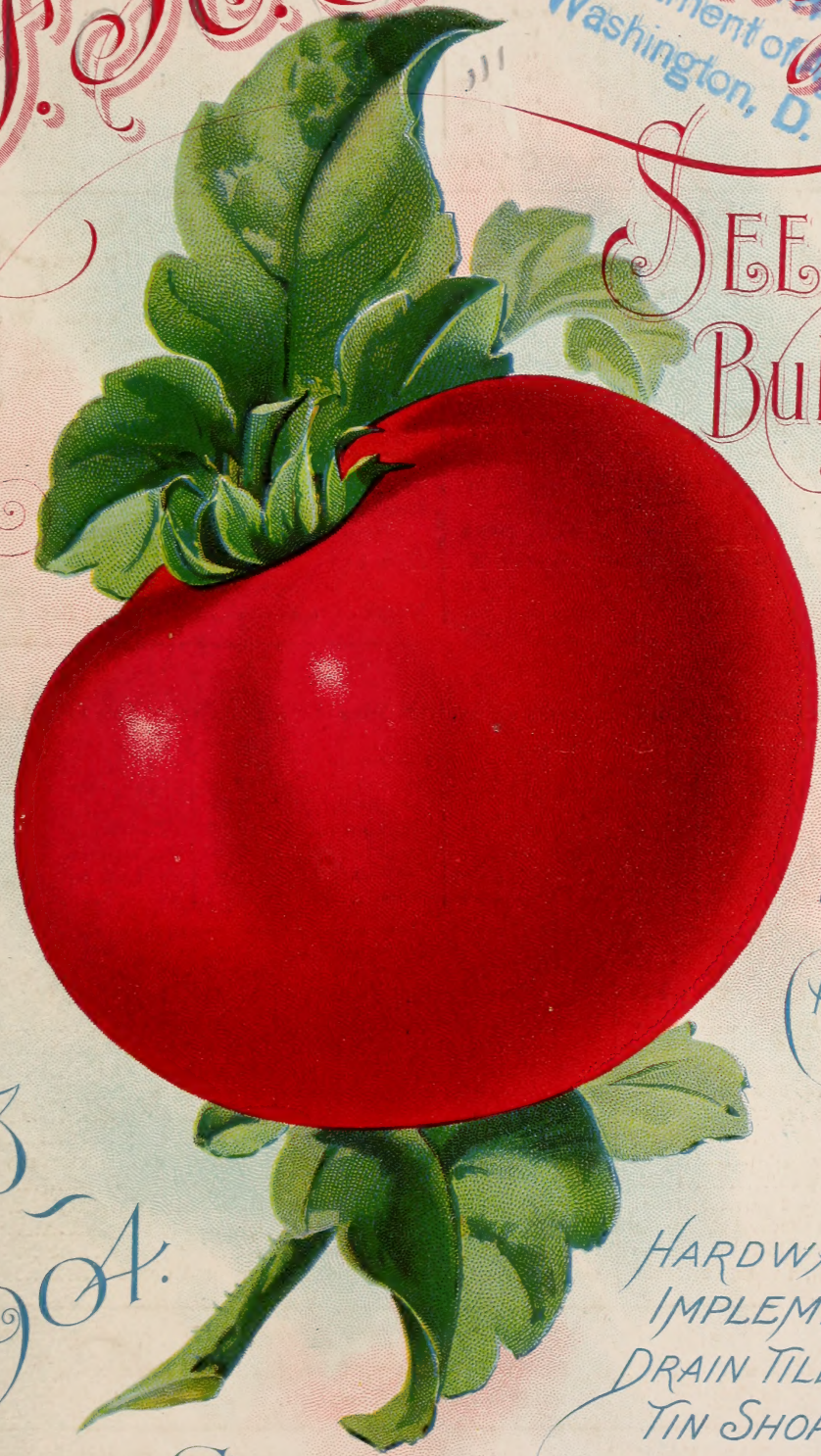


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

The
J. H. Kellogg
Department of Agriculture
Washington, D. C.

SEEDS
Bulbs.



1868
1904.

36TH
ANNUAL
CATALOGUE

HARDWARE
IMPLEMENTS
DRAIN TILE,
TIN SHOP ETC.

SYRACUSE, 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,	"	90c	"	10c
SWEET GRASS	"		"	20c

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.

- 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

- 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.

USEFUL TABLES.

Of Plants per Acre at the following distances apart				Number of Plants Produced from 1 oz. of Seed.			
1	ft. by	1	ft.	6	ft. by	6	ft.
1½	"	1½	ft.	8	"	8	ft.
2	"	2	ft.	10	"	10	ft.
2½	"	2½	ft.	12	"	12	ft.
3	"	3	ft.	15	"	15	ft.
3	"	4	ft.	18	"	18	ft.
4	"	4	ft.	20	"	20	ft.
5	"	5	ft.	25	"	25	ft.
				30	"	30	ft.

<table border="0"> <tr> <td style="text-align: center;">Asparagus</td> <td style="text-align: center;">Plants</td> <td style="text-align: center;">about</td> <td style="text-align: center;">500</td> </tr> <tr> <td style="text-align: center;">Broccoli</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">2,000</td> </tr> <tr> <td style="text-align: center;">Cabbage</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">3,000</td> </tr> <tr> <td style="text-align: center;">Cauliflower</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">4,000</td> </tr> <tr> <td style="text-align: center;">Celery</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">4,000</td> </tr> <tr> <td style="text-align: center;">Egg Plant</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">1,000</td> </tr> <tr> <td style="text-align: center;">Endive</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">3,000</td> </tr> </table>	Asparagus	Plants	about	500	Broccoli	"	"	2,000	Cabbage	"	"	3,000	Cauliflower	"	"	4,000	Celery	"	"	4,000	Egg Plant	"	"	1,000	Endive	"	"	3,000	<table border="0"> <tr> <td style="text-align: center;">Kale</td> <td style="text-align: center;">Plants</td> <td style="text-align: center;">about</td> <td style="text-align: center;">2,000</td> </tr> <tr> <td style="text-align: center;">Lusk</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">1,000</td> </tr> <tr> <td style="text-align: center;">Lettuce</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">3,000</td> </tr> <tr> <td style="text-align: center;">Pepper</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">2,000</td> </tr> <tr> <td style="text-align: center;">Sage</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">1,000</td> </tr> <tr> <td style="text-align: center;">Tomato</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">3,000</td> </tr> <tr> <td style="text-align: center;">Thyme</td> <td style="text-align: center;">"</td> <td style="text-align: center;">"</td> <td style="text-align: center;">5,000</td> </tr> </table>	Kale	Plants	about	2,000	Lusk	"	"	1,000	Lettuce	"	"	3,000	Pepper	"	"	2,000	Sage	"	"	1,000	Tomato	"	"	3,000	Thyme	"	"	5,000
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SEED SOWN PER ACRE.

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center;">.48 lbs</td> </tr> <tr> <td style="text-align: center;">Wheat, 2 bu</td> <td style="text-align: center;">.60 lbs</td> </tr> <tr> <td style="text-align: center;">Buckwheat, ¾ to 1 bu</td> <td style="text-align: center;">48 to 50 lbs</td> </tr> <tr> <td style="text-align: center;">Rye, 1 to 2 bu.</td> <td style="text-align: center;">.56 lbs</td> </tr> <tr> <td style="text-align: center;">Oats, 2 to 3 bu.</td> <td style="text-align: center;">.32 lbs</td> </tr> <tr> <td style="text-align: center;">Oats, Winter. 1¾ bu.</td> <td style="text-align: center;">.32 lbs</td> </tr> <tr> <td style="text-align: center;">Barley, 2 bu.</td> <td style="text-align: center;">.48 lbs</td> </tr> <tr> <td style="text-align: center;">Flax Seed, 6 qt.</td> <td style="text-align: center;">.56 lbs</td> </tr> <tr> <td style="text-align: center;">Corn, ¼ bu.</td> <td style="text-align: center;">.56 to 60 lbs</td> </tr> <tr> <td style="text-align: center;">Potatoes, 6 bu.</td> <td style="text-align: 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NO TRUST MACHINERY.

Our Mowers, Reapers, Binders, Harrows, Corn Binders, Plows, etc., are made outside of the trust.

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.

Nearly Forty Years in Business.

In presenting our ANNUAL SEED BOOK, we feel that a brief reference to our business is timely and 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 better than ever equipped to care for our 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,

F. H. EBELING, SEEDSMAN.

❧ SPECIAL ANNOUNCEMENT. ❧

AMERICAN STEEL FENCING

For early buyers of this "Famous Fencing," I will make a Special Price to induce liberal purchasing. Have taken in a car load of this fencing and can supply all of the leading sizes at low prices. Those expecting to buy, and will take the fencing during the next sixty days, a special inducement price will be made. "A word to the wise is sufficient."

BOWKERS' CELEBRATED FERTILIZERS.

Those contemplating the use of Fertilizers will find it to their interest to place their orders early. We have sold these fertilizers for many years, and they are equal, or superior to the best on the market. I will give a handsome illustrated calendar of a beautiful New England scene to any one who will make application for same.

INCUBATORS BROODERS POULTRY SUPPLIES

Those keeping fowls, or contemplating of going into the raising of poultry, will find it profitable to consult me, before purchasing their supplies. Can furnish everything from a China 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 62, 63, 64 and 65 for full particulars.

WAVERLEY OATS

These Oats are new, originating in Scotland and imported by us. Have grown 800 bushels to the acre on ten acres in this county. For full particulars, see page 13.

SPRING GRAIN—Such as Oats, Wheat, Barley, Rye, Speltz, Buckwheat, etc., always kept in stock at right prices.

**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 the different sorts of Sweet Corn which will be rather high on account of the season of last year. The winter having set in early, much Corn was ruined through freezing. This will require careful buying, as there will doubtless be quite a little of this class of Corn offered on the market.

**CABBAGE
SEED**

The large demand and high prices for cabbage will be an incentive to a large acreage being planted this coming season. I desire to call special attention to my stock which I offer at reasonable prices. The Danish Ball Head variety is imported by me direct from the best growers of Cabbage Seed in Denmark, from which source I have had my supply for many years. Beware of the irresponsible dealer who offers low priced Danish Ball Seed. Our other stock of Cabbage Seed is produced by one of the best growers on Long Island. I can offer this seed with all confidence. Prices and samples for testing submitted upon application.

**GARDEN
PEAS.**

A car load of fine Garden Peas has just been received from one of the oldest and best growers in the U. S., with whom we have done business for many years. Prices absolutely right. Place your orders early.

ALSIKE

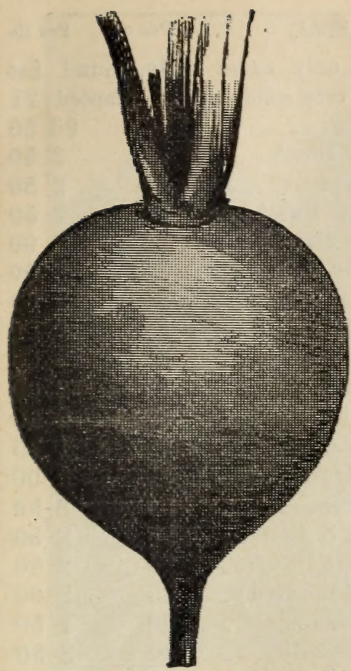
I would recommend a most liberal use of this excellent Clover. It thrives especially well on moist soils, will not heave out and is cheaper this season than Red Clover. The seed being about one-half the size will go nearly again as far as the ordinary Red Clover. This would make it based upon the price of Red Clover, about \$4 per bushel, which you can readily see is an extremely low price. Horses and cattle are very fond of it, and mixed with hay is considered no detriment to its market value.

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 special 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.



Ebeling's Early Blood Turnip.

ASPARAGUS, <i>Spargel</i> .		Per oz	Per lb.
✓ Barr's Mammoth.....	\$ 10		\$ 65
✓ Palmetto.....	10		65
✓ Conover's Colossal.....	10		65
✓ Asparagus Roots of the above varieties, per 100.....	1 00		

Special prices for quantities.

BEET, <i>Runkel Rube</i> .		Per oz	Per lb.
✓ Ebeling's Early Blood Turnip....	\$ 10		\$ 75
✓ DETROIT Dark Red Turnip.....	10		65
✓ Crosby's Egyptian early forcing..	10		65
✓ Edmand's Ex. Early.....	10		65
✓ Early Bastian or Lentz.....	10		65
✓ ECLIPSE Beet.....	10		65
✓ Bassano, early.....	10		65
✓ Egyptian Turnip, extra early.....	10		65
✓ DEWING'S Blood Turnip.....	10		65
✓ Improved Long Blood.....	10		50
✓ Half Long Red.....	10		65
✓ Mammoth Long Red Mangel.....	10		20
✓ Yellow Mammoth or Intermediate	10		20
✓ Yellow Ovid Giant.....	10		20
✓ Yellow Globe Mangel.....	10		20
✓ Vilmorin's Impd. Imperial Sugar.....			20
✓ Golden Tankard Sugar.....	10		25
✓ Taber's Gate Post, new mangel.....	10		30
✓ Swiss Chard, for greens.....	10		60

BEANS, [Bush] *Garten Bohne*.

BEANS, [Pole or Runners.]

	Per qt.	Per bu.
✓ GOLDEN WAX, improved..	\$ 30	\$
✓ Davis Wax.....	30	
✓ Wardwell's Kidney Wax..	30	
✓ White Wax, yellow pods...	30	
✓ Black Wax, yellow pods...	30	
✓ Golden Eyed Wax.....	30	
✓ 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 Beans...	25	5 00
✓ White Kidney.....	20	3 50
✓ White Marrow.....	20	3 50

	Per qt.	Per bu.
✓ Drear's Golden Cluster Wax..	\$ 30	\$
✓ Black Wax,.....	30	
✓ Lazy Wife, pole.....	30	7 00
✓ BURPEE'S BUSH Lima, large..	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	

Broccoli, *Spargel-Kohl*.

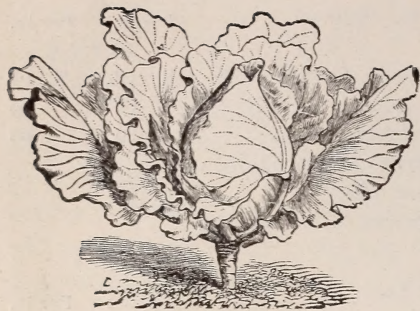
Borecole or Kale. See Kale Blatterkohl

✓ Early, large [French] per oz.....	35
✓ South Hampton ".....	35

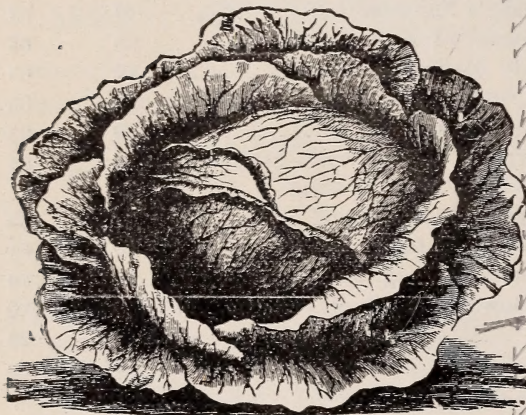
	Per lb.
✓ Green Curled or Kale.....	\$ 20 \$ 75
✓ Purple or Brown Kale.....	15 75

Brussels prouts, *Rosen Kohl*.

✓ Dwarf, Fine French.....	\$ 20 \$ 1 75
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EARLY JERSEY WAKEFIELD.



PERRY'S MEDIUM BRUNSWICK, SHORT STEM.

CABBAGE, Kopf-Kohl.

Per oz. Per lb.

✓ Early Spring, the only extra early, round flat headed cabbage, very solid, can be planted 21 inches apart.....	\$30	\$3 50
✓ Allen's Early Flat Dutch.....	25	2 50
✓ Allen's Market Gardens.....	25	2 50
✓ Brill's Extra Early Eureka.....	25	2 50
✓ Henderson's Early Summer.....	25	2 00
✓ Winningstadt, early.....	25	2 00
✓ Early Ox Heart, or Etampes.....	25	2 00
✓ Early Jersey, Wakefield.....	25	2 50
✓ SUCCESSION, L. I. grown.....	25	3 00
✓ Sure Head Cabbage.....	25	2 00
✓ Excelsior White Dutch.....	25	2 50
✓ Fotler's Brunswick.....	25	1 75
✓ Danish Ball Head, Imp.....	30	3 00
✓ HOLLANDER.....	30	2 50
✓ Gregory's All Season.....	25	2 50
✓ Thorburns' Flat Dutch.....	25	2 50
✓ Drumhead, (Improved).....	25	2 00
✓ Marblehead Mammoth.....	20	1 50
✓ Warren Stonemason.....	30	2 50
✓ Red Dutch, "Erfurt".....	25	2 50
✓ Red Rock.....	25	2 50
✓ Large Dark Red Drumh'd.....	25	2 50
✓ Globe Savoy, new.....	25	2 50
✓ Victoria Savoy.....	30	3 00



TRUE ERFURT CAULIFLOWER.

**Genuine Denmark Grown
Cauliflower Seed.**

This we have imported annually from the same growers for many years. It will produce a greater number of perfect heads than any other strains of cauliflower.

The leading Cauliflower Growers in this section, have used our strains for years and say it is without equal. A sure header, a fine yielder and a money maker.

CAULIFLOWER, Blumen-Kohl.

	Per oz.
✓ Ebeling's Snowball, extra small leaf, fine large head.....	\$3 00
✓ Ebeling's Dwarf, Erfurt, first quality, true.....	3 00
✓ Half Early Paris, large heads.....	75

200,000 Berry Baskets, Correct Size and Shape, Price Right.

Bargains in Plows.

Bone Mills and Poultry Supplies.

See last page.



A Field of our White Plume and Paris Golden Celery.
Grown by EMANUEL SMITH on Grand Avenue This City.

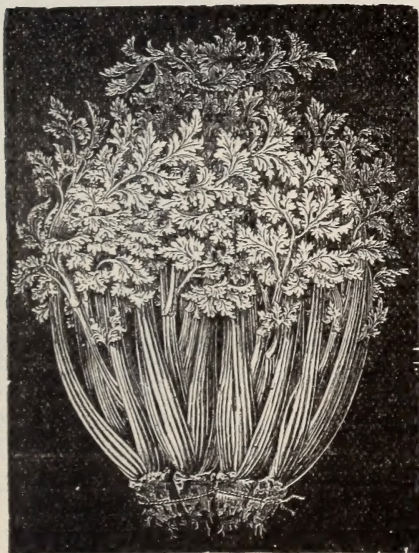
✓ **Sutton's A 1 CELERY.**

Very dwarf and compact, of superb flavor and deep pink color, but occasionally sporting to white. Although our A 1 is distinctly an early Celery, it remains solid and excellent in quality until quite late in the season. Apart from its superiority for table use, it is indispensable for the exhibition stage before other varieties are ready. Oz. 30 cts. Lb. \$4.00

✓ **Sutton's Solid White Celery.**

Very sweet, large and solid, we recommend this as the best White Celery for the main crop, far superior to the White Plume in flavor, size and solidity. Oz. 30 cts. Lb. \$4.00.

CELERY, Sellerie.



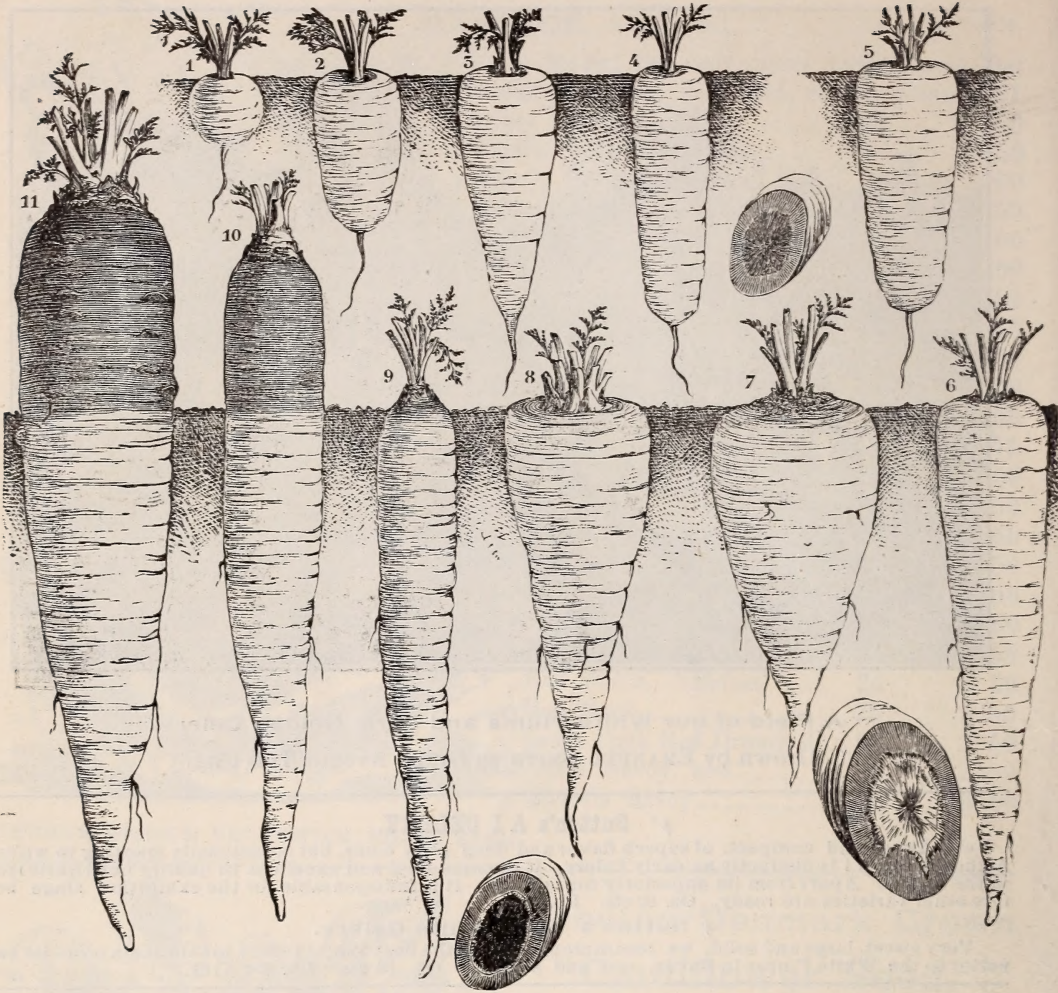
WHITE PLUME CELERY.

	Per oz.	Per lb.
Evans' Triumph, best late	\$ 30	\$ 2 50
Henderson's Pink Plume, new crisp	30	3 00
White Plume or Self-Blanching, best	20	2 00
White Giant, solid	20	2 00
Sandringham Dwarf, white	20	2 00
Kalamazoo, large ribbed, white	30	1 50
Paris Golden Yellow, large, self-blanching	40	4 00
Giant Pascal, large ribbed	20	2 00
Boston Market	20	1 75
New Rose	30	3 00
Perfection Hartwell	20	2 00
Golden Heart, Half Dwarf	20	2 00
Celериac, Root Celery, apple shape	25	2 00
Soup	05	40

CHICCORY, Chichorie.

Improved Large Leaves for Greens	15	75
Large Rooted for Coffee	15	75

READ the books on chemistry of the soil, tillage, fertilizing, plant growth, forage plants, every subject connected with farming. You cannot farm successfully in the twentieth century without them.



THIS CUT SHOWS TRUE SHAPE OF CARROTS.

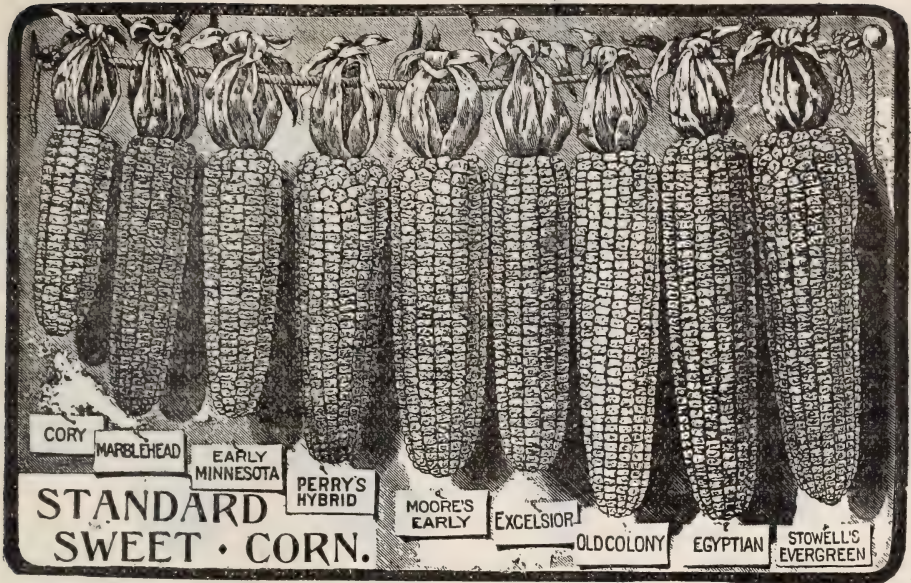
CARROTS, Gelbe Ruben.

	Per oz.	Per lb.
1. ✓ Early French Forcing, nearly round	\$ 10	\$1 00
2. ✓ Early Horn, early scarlet	10	1 00
3. ✓ Chantenay Half Long	10	90
4. ✓ Half Long Nantes	10	90
5. ✓ Half Long Danvers, rich, dark orange	10	90
6. ✓ Long Orange, below ground	10	75
7. ✓ Large White Vosges, for cattle	10	60
8. ✓ Half Long pointed, St. James' new	10	65
9. ✓ Altringham, red for butter	10	60
10. ✓ Long Orange Green top	10	75
11. ✓ Large White Belgium	10	60
12. ✓ Meaux Long, red, stump rooted, smooth	10	1 00
✓ Oxheart, (or Guerande)	10	75

USE OUR GROUND BONE, SHEEP FERTILIZERS AND LAWN SEED.

GLASS, PUTTY, HARDWARE AND TIN SHOP.

Bei uns wird Deutsch gesprochen.



Add 16 cents per quart by mail.

- Early Evergreen, 18 rows-----
- Cory Red, earliest-----
- Cory White-----
- Marblehead, extra early-----
- Early Monarch, early, 12 rows-----
- Perry's Hybrid, large, early 12-rowed-----
- Kendall's Early Giant-----
- Early Minnesota-----
- Crosby Early-----
- Ballard's Red Cob-----
- Moore's Early Concord-----
- Asylum, large fine-----
- Shaker's, large, early-----
- Egyptian, large, late-----
- Stowell's Evergreen, extra fine, true-----
- Shoe Peg Evergreen, Ne Plus ultra-----

At
Market
Prices.

- Country Gentleman-----
- Black Mexican-----
- Hicox's Improved Sugar-----
- Mammoth Sugar-----
- Angel of Midnight Corn-----
- Eight-Rowed Yellow-----
- Pride of the North-----
- Leaming, Early Fodder Corn-----
- Our Genuine "Sou" Fodder Corn-----
- Evergreen Sweet Corn for Fodder-----

	Per oz.	Per lb.
<input checked="" type="checkbox"/> CORN SALAD, Ackersalat. Large Round Leaved or Small Seeded-----	\$ 15	\$1 00
<input checked="" type="checkbox"/> CHERVIL, Gartenkerbel. Curled-----	20	2 00
<input checked="" type="checkbox"/> CRESS OR PEPPERGRASS, Kresse.		
<input checked="" type="checkbox"/> Cress, Garden Curled-----	10	75
<input checked="" type="checkbox"/> Water Cress-----	25	2 50
<input checked="" type="checkbox"/> Dwarf, Fine Curled-----	10	75

SPECIAL PRICE ON SEED FOR CASH.

BARGAINS IN PLOWS.



GROUP OF CUCUMBERS.

THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

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

CUCUMBER *Gurke.*

The Cumberland, New, see page 13.
per pkt 10c, oz. 30 c.

Cucumbers, Cur.

✓ Hill's forcing early White Spine	Crop almost	
✓ Fordhood White Spine		
✓ Green Prolific, extra early	a total	
✓ Early Russian		
✓ Early Frame	failure.	
✓ Early Cluster		
✓ White Spine, Imp'd ext. stock	Price on	
✓ Long Green	Application	
✓ Burpee's White Wonder, new		
✓ Giant Pera	per pkt.,	20
✓ Telegraph, per doz., seed	"	25
✓ West Indian Gherkin	"	25

EGG PLANT, Eirpflanze.	per oz.	per lb.
✓ New York Improved	35	\$3 00
✓ Black Pekin	30	3 00

ENDIVE <i>Endivien.</i>		
✓ 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	10	80
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HERBS, See Page 12.

KALE, or Borecole. See Borecole.		
✓ Green Curled	15	85
✓ Siberian Curled, German Greens	15	75

KOHL RABI.		
✓ White, above Ground	25	2 00
✓ Purple, " "	25	2 50

LEEK, Lauch.		
✓ London, broad flag	35	1 00



ENDIVE.



KOHL RABI.

Patronize Our New Hardware Dep't and Tin Shop.

Bei uns wird Deutsch gesprochen.

LETTUCE *Salat.*



GRAND RAPIDS LETTUCE.

	Per oz.	Per lb.
✓ Grand Rapids, newforcing -----	\$ 15	\$1 25
✓ Wonderful, large white head see pp. 14 -----	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
✓ Boston Curled -----	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

- ✓ **Yellow Seed Butter**—Y. S. Cabbage Butter head, medium large, medium green, leaves crumpled and rather thick. Is similar or same as silver Ball.
- ✓ **Wonderful**—W. S. 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**—W. S. 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.
- ✓ **Denver Market**—W. S. Curled or Crisp heading, medium size, light green, leaves very curly and crumpled, savoyed and coarsely fringed.
- ✓ **Big Boston**—W. S. Cabbage butter head, medium green, leaves smooth and rather glossy, edges straight. Top of head tinged with brown.
- ✓ **New York**—W. S. Curled or Crisp as Icehead, dark green heads somewhat conical.
- ✓ **Black Seed Tennisball**—Standard sort and used exclusively in the east for hot bed culture but not for green-house culture. Is similar to Salamander which see for description.



PAUL ROSE MUSK MELON.

	Per oz.	Per lb.
MUSK MELON, <i>Melone.</i>		
✓ Onondaga Musk Melon, new, see description pp. 13 -----	\$ 10	\$1 00
✓ Paul Rose, very fine, salmon fleshed -----	10	1 00
✓ Rocky Ford, new, green flesh -----	10	1 00
✓ Delmonico Round, deep orange, very productive, early -----	10	1 00
✓ Grand Rapid Market Musk Melon, largest early Melon, salmon flesh -----	10	1 00
✓ Miller's Cream, very fine, Salmon flesh -----	10	1 00
✓ Surprise, round, yellow flesh, medium size -----	\$ 10	\$1 00
✓ Tip Top, a very fine yellow fleshed market melon -----	10	1 00
✓ Emerald Gem -----	10	1 00
✓ Orange Christiana, the fine netted yellow flesh -----	10	1 00
✓ Pineapple, green flesh, oval -----	\$ 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, yellow -----	10	1 00
✓ Hackensack, very fine yellow -----	10	1 00
✓ Osage, large, salmon color -----	10	1 00

Watermelon, <i>Wassermelone.</i>			Onion, <i>Zwiebel.</i>		
	Per oz.	Per lb.		Per oz.	Per lb.
Sweet Heart, early, large, handsome	\$ 10	\$1 50	Spaller's Yellow Oval Globe	\$ 20	\$1 50
Green and Gold, new, fine	10	1 50	Michigan Yellow Globe	20	1 00
Phinney's Early, red flesh	10	1 50	Ohio Yellow Globe	20	1 00
Cole's Early, early, bright	10	1 50	Yellow Danvers, imp'vd.	20	85
Mountain Sweet, old favorite	10	1 50	Prize Taker	20	1 25
Black Spanish, round, dark green with red flesh	10	1 50	Australian Brown	20	1 25
Iceings or Ice Cream	10	1 50	Early Red, extra early, flat	20	1 25
Green Citron, for preserves	10	1 50	Southport, Red Globe	20	2 00
Kolb's Gem	10	1 50	Large Red Wetherfield	20	1 00
Martynia, for Pickles	40	3 25	California Early Red	20	1 25
Nasturtium, <i>Kapuserblume.</i>			Bolton Seed produces the Bolton Sets	25	2 50
Tall (see Flower Seed)	10	75	White Silverskin or Portugal for bunching	25	2 25
Dwarf	15	85	Southport White Globe	25	2 25
Okra or Gumbo, <i>Essbarer.</i>			Mammoth Silver King	25	2 25
Dwarf, white	10	75	BARLETTA	25	3 50
Mushroom Spawn.			Top Onion Sets		
English		25	Bolton		} ----- Market Price
Mustard, <i>Senf.</i>			Yellow		
White	05	35	White		
Brown	05	35	Potato		



BELL OR BULL NOSE

Parsley, *Petersilie.*

✓ Champion Moss Curled	\$ 10	\$ 75
✓ Fern Leaved	10	75
✓ Extra Double Curled	10	75

Parsnips, *Pastinake.*

✓ Long White	10	50
✓ Hollow Crown, thick shoulder	10	50

Pepper, *Pfeffer*

Rose Mammoth,	25	2 50
✓ Bell or Bull Nose, extra large	25	2 50
✓ Ruby King, extra large	25	2 50
✓ Long Red Cayenne	22	2 50
✓ Mountain Sweet, for stuffed pickles	25	2 50
✓ Celestial, new	25	2 50
✓ Red Cluster or Red Cherry	25	2 50
✓ Chili, small, for peper sauce	25	2 50

Names of a few gardeners who have dealt with this house continuously from 18 to 35 years.

Chas. B. Day, Waterloo, N. Y.,	20 years	James McClure,	22 years
J. N. Rose, Syracuse,	35 "	John Butler, Onondaga Valley, N. Y.,	32 "
S. B. Babcock, Fulton,	27 "	A. H. Ballard, East Onondaga,	" 22 "
Albert Wright, Syracuse,	35 "	Geo. Craddock, Onondaga,	" 35 "
The late Henry Burt, Syracuse, N. Y.	32 "	Henry Wright, Syracuse,	" 35 "
Wm. Lambert, Salina, N. Y.,	22 "		

Also hundreds of others who have dealt with us for many years.

Waterloo, N. Y., December 23, 1903.

MR. F. H. EBELING,

SIR-The past season has been one of great extremes in weather conditions which has been severe on a great many growers of Farm and Garden Products. In justice to you as a seller of Seeds which are of such vast importance to the agriculturist, we cheerfully advise you that our success with Seeds purchased of you the past year have proven very satisfactory to us. We are unable to realize why we should transfer our trade to another, while we get such results at your house, which is so well supplied with so much good, at reasonable prices,

Yours respectfully,

DAY & BEARD.

PEAS. Erbsen.

Extra Early Sorts.

Per qt. Per bu.

✓ Gradus or Prosperity, pods big as Telephone, early as Alaska, Scarce	40	\$12 00
✓ Cleveland's Alaska, one of the earliest blue peas	25	5 50
✓ Earliest of All	25	5 00
✓ Perry's Forty-two day, the best extra early	25	5 00
✓ Philadelphia Extra Early, resembling First and Best	25	5 00
✓ Carter's First Crop, 2½ feet	25	5 00
✓ Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners	25	5 00

Dwarf Varieties.

✓ *Nott's Excelsior, early, large pod and very prolific	30	7 00
✓ *Blue Peter, green, smooth, 1 foot	30	6 00
✓ *American Wonder, green, 1 foot, extra early and productive	30	6 00
✓ *Premium Gems, very early, fine dwarf	30	6 00
✓ *McLean's Little Gem, very fine, popular, 1 foot	30	6 00

Second Early and Late Varieties.

✓ *Improved Stratagem, 1 to 2 feet, vigorous, one of the very best	25	5 50
✓ *Bliss, Abundance	25	5 00
✓ Bliss, everbearing	25	5 00
✓ *McLean's Advancer's, True, long pods, fine quality, 2½ feet	25	5 00
✓ *Champions, very fine, old favorite, 4 feet	25	3 00
✓ *Horsford's Market Garden, good cropper, 2¼ feet	25	5 00
* Ebeling's Telephone, the finest large second early pea in the market, 3ft.	25	5 00
✓ *Yorkshire Hero, large, late, very productive, 2 feet	25	4 50
✓ Melting Sugar, edible pods	25	5 00
✓ Gray Sugar, edible pods	25	5 00
✓ White Dwarf Marrowfat, 2 feet	15	3 00
✓ 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 and in great abundance; they are about two and one-half inches long, thick, curved, bright green, crowded with six to nine peas of the very best quality and color. We know of no pea which remains palatable longer after it becomes large enough to use. This variety ripens with Telephone or a little later. Owing to its great vigor, productiveness, fine color, quality and suitable size of the green peas, it is admirably adapted for canners' use

30	5 00
----	------

POTATOES. Kartoffel.

Ohio, Jr	}	Prices on Application.
Early Bovee		
Early Ohio		
Freeman		
Early Rose		
Beauty of Hebron		

PUMPKIN SEEDS. 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.

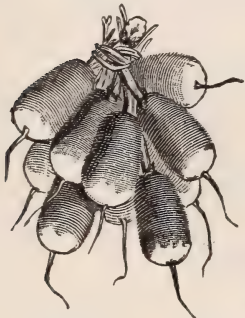
Hardware of All Kinds. We Have It--We Sell It.

Hier wird Deutsch gesprochen.

Cash Paid for Butter Beans, Canada Peas, Early Potatoes, Pumpkin Seed and Field Corn.



DEEP SCARLET TURNIP
RADISH.
SMALL TOP. NEW.



FRENCH BREAKFAST
RADISH.



CHINESE ROSE WINTER
RADISH.

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

FRENCH STOCK		Per oz.	Per lb.
✓ Ebeling's Crimson Giant, forcing,.....	Per pkt.	10c	
✓ Early Scarlet Globe.....	\$ 10	\$ 75	
✓ Ne Plus Ultra Deep Scarlet Turnip.....	10	90	
✓ Half Long, Deep Scarlet.....	10	75	
✓ 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 Newcome.....	10	75	
✓ Yellow Turnip, new.....	10	75	
✓ FRENCH BREAKFAST, white tipped.....	10	65	
✓ White Giant Stuttgart, summer.....	10	75	
✓ Early Long Scarlet, short top.....	10	75	
✓ White Vienna or Lady Finger.....	10	75	
✓ Chartier Long, white tipped.....	10	75	
✓ Scarlet Chinese Rose Winter, fall variety	10	75	
✓ Long Black Spanish, winter.....	10	60	
✓ White Giant Spanish.....	10	60	
✓ White Strasburg or Hospital.....	10	60	
✓ White Russian, very large.....	10	75	
✓ California Mammoth White China.....	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 to 100 lb. lots, special prices.

✓ **NEW ZEALAND SPINACH.**—Yields an abundance of the tenderest Spinach during the hottest months of the year, or in dry, arid localities where the ordinary Spinach runs to seed. The seed is sown where the plants are to stand, in May or earlier in a hot-bed and transplanted, and the plants will continue to yield a supply of good leaves of excellent quality during the entire summer, requiring scarcely any attention. Genuine imported seed only. Pkt. 5c., oz. 10c., 1/2 lb. 30c., lb. \$1.00.

✓ **Early Giant Thick Leaved.** An early maturing sort, with large leaves of fine, deep color.....oz. 5c; lb. 25c

✓ **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, it stands exposure very well.....oz. 5c; lb. 25c

✓ **Round-Viroflay, (Thick-leaved)** has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing.....oz. 5c; lb. 25c

✓ **Curled Leaved Savoy, or Bloomsdale.** Large curled and wrinkled leaves; tender and of the finest flavor.....oz. 5c; lb. 25c

✓ **Long-standing, (Round Thick-leaved).** Dark green; leaves large and thick; very long-standing before running to seed; the best for spring growing.....oz. 5c; lb. 25c

✓ **Victoria (new).** Extra dark black-green color; two or three weeks later than the ordinary "Long-standing;" a fine variety for spring sowing.....oz 5c; lb. 25c

✓ **Prickly or Winter.** Vigorous and hardy, and recommended for fall sowing oz. 5c; lb. 25c

SQUASH. Kurbis

Per oz. Per lb.

✓ The Delicious, new, see pp. 12.			✓ Canada Crook-neck, winter.....	\$ 10	\$ 1 20
✓ Golden Hubbard.....	\$ 10	\$ 1 20	✓ Boston Marrow, old variety, fall.....	10	1 20
✓ Golden Bush Scallop.....	10	1 20	✓ Butman, nearly like Hubbard.....	10	1 20
✓ Early Scallop, white.....	10	1 20	✓ Marblehead, like Butman.....	10	1 20
✓ Giant Summer, Crook-neck.....	10	1 20	✓ Mammoth Chili.....	10	1 20
✓ The Faxon, new, very early.....	10	1 20	✓ Winter Crooked-neck.....	10	1 20
✓ Hubbard, winter, extra stock.....	10	1 20	✓ Fordhook.....	10	1 20

TOBACCO SEED. Tobak Samen.

Wilson's Hybrid.....	per oz. 50c	Haynes, sealed,.....	per oz. 50c
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TOMATO. *Liebesapfel.*



DWARF CHAMPION.

	Per oz	Per lb.
✓ Livingston's Magnus, new	\$ 30	\$2 50
✓ Earliana, largest early scar-		
let on the market	40	3 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	2 00
✓ Dwarf Champion, pink	25	2 50
✓ Scovill's Hybrid	25	2 50
✓ Livingston's Beauty, pink		
red	25	2 25
✓ Livingston's Favorite pink	25	2 25
✓ Livingston's Perfection,		
scarlet	25	2 50
✓ Acme, purple	20	2 00
✓ Lorillard, early bright red	25	2 50
✓ Paragon, bright red	25	2 50
✓ Ponderosa, very large, solid	25	3 00
✓ Trophy, large and solid	25	2 25
✓ Dwarf Aristocrat, scarlet	25	3 00
✓ Yellow Husk		5c paper

✓ Golden Queen	5c paper
✓ Yellow Plum	5c "
✓ Purple Husk	5c "

TURNIP. *Steckrube.*



EARLY WHITE STONE TURNIP.

	Per oz	Per lb.
✓ Extra Early White Milan	\$ 10	\$1 00
✓ Purple Top, flat strap leaf	10	40
✓ Mammoth Purple Top Globe	10	50
✓ Golden Ball or Orange Jelly	10	50
✓ White Norfolk, large fine sum-		
mer globe shape	10	50
✓ Early White Stone, very fine	10	50
✓ White Dutch	10	50
✓ Yellow Aberdeen	10	50
✓ White Sweet Waldo or German		
one of the finest Rutabagas	10	50
✓ Skirving's Rutabaga purple top	10	50
✓ Laing's Improved Swede	10	50
✓ Carters Improved Swede yellow	10	50

SWEET HERBS.

Anise, seeds aromatic	5c	Marjoram, leaves used in seasoning	5c
Balm, has medicinal qualities	5c	Mint (Peppermint)	5c
Basil sweet	5c	Rosemary, aromatic	5c
Borage, leaves used for salad	5c	Rue, medicinal qualities	5c
Caraway, seeds aromatic	5c	Saffron, medicinal qualities, also dyeing	5c
Chives	5c	Sorrel	5c
Coriander, seeds aromatic	5c	Sage, culinary herb	30c per oz, \$2.00 lb.
Dill, seeds aromatic and medicinal	5c	Savory Summer, culinary herb	5c
Fennel Sweet, seeds aromatic	5c	Tarragon or Estragon (Roots)	
Horehound, medicinal qualities	5c	Thyme, culinary herb	5c
Lavender, leaves aromatic	5c	Wormwood, medicinal qualities	5c

Bei uns wird Deutsch gesprochen.

NEW THINGS FOR 1904.

NEW CUCUMBER, "THE CUMBERLAND."

This handsome cucumber is the result of eight years' careful breeding by one of the leading growers in the United States.



It is a cross of Parisian Pickle and Peerless White Spine. The vines are of strong, vigorous growth and very productive. The fruits, which are of handsome appearance, grow to a desirable size, very straight, firm, solid and crisp. Color is a rich pea-green, and flavor very fine, either when eaten sliced in the raw state, or after they have been pickled. Pkt. 10c; oz. 30c.

ONONDAGA MUSK MELON.

This new early, large, fine oblong, netted, green fleshed Melon was originated in this city 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 25 cents; pound \$1.50.

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 staple market variety we believe it fills a long felt want. Price, per qt. 40 cents; per bushel \$8.00.

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 as early as the Earliest of the Hard Peas. The vines grow 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 hardiness of Earliest of All, it is a far better pea and cannot be recommended to highly. 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.

THE DELICIOUS SQUASH.

The Delicious is the product of years in careful selection, crossing and isolating. About every known variety enters into its composition. The result is a squash that by universal agreement surpasses the Hubbard and Marblehead. Its color is almost uniformly of a green shade. In thickness of flesh it surpasses nearly every variety the color being a dark orange. It is a fall and winter squash, excellent at all seasons, like the old Hubbard, though at any time excellent, does not acquire its best quality until winter. When half grown it will be found to surpass in quality most varieties when fully ripe. Price per packet 15c.

FAMOUS
WAVERLEY
WHITE OATS.



IMPORTED FROM SCOTLAND.
GIVES ASTONISHING RETURNS.

We believe 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 **Waverley 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 inlist the attention of farmers everywhere. Our crops have satisfied us that it is wonderfully adapted to both the soil and climate of this country. Waverley 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 **distinctive feature** of the **NEW WAVERLEY** is its producing **three grains in a spikelet**, whereas most all other varieties produce but two. Of immense stooing qualities. **WAVERLEY** 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. This is a remarkable yield considering the season.

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

New Waverley Oats.

We offer choice well cleaned, true to name, varieties of following SEEDS at reasonable prices.—

- BUCKWHEAT—\$1.00 per bushel.
- SPRING RYE—\$1.40 per bushel.
- SPRING WHEAT—\$1.25 per bushel.
- COW PEAS—\$2.75 per bushel.
- DWARF ESSEX RAPE—\$6.50 per 100 lbs.
- FIELD CORN—White or Yellow, Market price.
- HURON DENT CORN.—\$1.25 per bushel
- GOLDEN MILLET—\$1.75 per bushel.
- KAFFIR CORN—\$1.25 per bushel.
- WHITE SEED OATS—We offer choice well cleaned, true to name, varieties of Seed Oats at reasonable prices.
- SPELTZ—\$1.00 per bushel.
- SOY BEANS—\$1.75 per bushel.
- JAPANESE MILLET—\$1.50 per bushel.
- AMBER CANE.

BEARDLESS BARLEY—A fine yielder. Strong growth of Straw. A barley without the objectionable beards, giving 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.

HURON DENT CORN. Ripens as early as common field corn. Size of ear between the leaming or the ordinary eight-row sort. Ripens as early and is the best of the Dent varieties, Something that is bound to take the place of the common field sorts with the advantage of its being a much larger yielder. We have a fine stock. Price \$1.25 per bushel.



Alfalfa or Lucerne Clover.

Alfalfa produces 5 to 8 bushels of seed per acre. American grown seeds should always be used.

ALISKE.

This hybrid clover does well on strong clay soil, and thrives equally on upland or lowland. 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 haulm 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 seeding 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 seeding 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.

COW PEAS,

The principal varieties grown in the northern states are the black and whippoorwill, a brown striped pea.

Sow after the season for corn planting when the ground is thoroughly warmed. Most of the failures with this crop have resulted from sowing too early, the seed either rotting or the plants making but a feeble start from which they never fully recover and often being choked out by weeds.

The ground should be free from weeds and to make it so, should be harrowed two or three times at intervals of five to seven days before Peas are planted.

Sow 1 to 1½ bushels per acre, if broadcast, and if drilled, 20 to 30 lbs. Cover ½ to 2 inches deep.

Drilling 30 inches apart and cultivating between the rows is the best method of culture. When the plants begin to run they should be allowed to cover the ground.

May be sown with oats for forage, one-third oats, two-thirds peas broadcast.

As far north as Michigan, Cow Peas have made a vine growth of 8 feet and root growth of 5 to 6 feet, and have matured over 30 bushels of seed per acre.

Sown after early potatoes are dug, the Peas will make feed in 8 weeks. Will keep down the weeds and leave the land in splendid condition for any succeeding crop.

This plant makes one of the best quick growing cover crops to plow under for enriching the soil.

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 seeding is slender and easily smothered by weeds.

SECOND, sow fresh American 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 \$12.00.

**KAFFIR
CORN.**

Is the only non-saccharine Sorghum adapted to northern growth. It is not equal to the saccharine varieties for forage but produces a heavier crop of seed which is valuable as food for poultry and cattle. It thrives in regions of the western states which are too arid for the certain production of other grains. Culture same as for saccharine varieties. \$1.25 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?

SORGHUM.

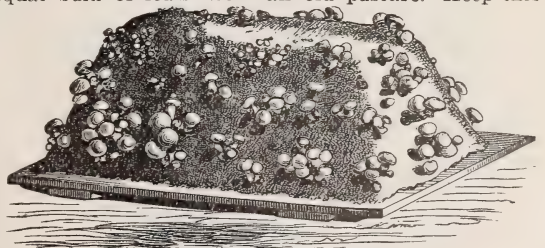
Early Amber is the earliest and hardest Saccharine Sorghum and should be sown after the season for corn planting when the ground has become thoroughly warmed. It will thrive on any soil that will produce corn. Prepare the ground as for corn and before sowing the seed, harrow two or three times at intervals of 5 to 7 days to kill weeds. If to be cut for forage, drill the seeds in rows $2\frac{1}{2}$ to 3 feet apart, cover $1\frac{1}{2}$ to 2 inches deep, roll the ground after planting and harrow lightly to conserve moisture. Cultivate as you would corn. If for hay or Pasture sow broadcast 1 to $1\frac{1}{2}$ bushel of seed per acre or drill 10 to 20 pounds with a grain drill.

**DWARF
ESSEX
RAPE.**

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep in autumn. 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, but in southern states it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten or twelve 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.

MUSHROOM SPAWN.

CAMPIGNON, FRENCH. Culture—Mushrooms may be grown in cellars, under benches of greenhouses or in sheds, wherever the temperature of 50 degrees can be kept up throughout 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 25c, per lb.

**MUSHROOM BED.**

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

Kill the weeds by two or three harrowings before sowing grass seeds or grain.

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

Weed seed is a dear purchase at any price. The home supply is more than enough.

**TRUE TYPE
COMMON MILLET.**

Note the contrast between this and the Southern Golden Millet.

The True Tennessee Golden is the only Millet worth sowing—it yields immensely and grows quickly into a big fodder. Will grow six feet high. We have a fine stock of the True Golden Millet, which is worth ten times as much as the “Common.”

Golden Millet, \$1.75 per bu
Common Millet. 1.00 “ “

Also offer fine stock Hungarian Millet.

O'Hara Bros. of Camillus, grew a crop six feet high. Ask them.



**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, Re-cleaned.	Corn, Leaming.
“ 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. lb.	Per lb.	10 lbs
Awnless Brome Grass.....	14	25c	\$2 50
Creeping Bent.....	20	30c	2 25
Meadow Foxtail.....	7	35c	3 75
Sweet Vernal.....	10	20c	1 75
Tall Oat Grass.....	10	20c	2 00
Crested Dogtail.....	21	45c	4 50
Sheep's Fescue.....	12	25c	2 25
Hard Fescue.....	12	15c	1 50
Meadow Fescue.....	22	15c	1 50
Tall Meadow Fescue.....	14	25c	2 50
Red Fescue.....	14	25c	2 25
Rough Stalked Meadow.....	14	35c	3 25
Italian Rye Grass.....	18	13c	1 25
Wood Meadow Grass.....	14	40c	3 50

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




True Tennessee Golden Millet.

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 25
3 Narrow Hoe and Rake.....	50	53 English and American Spades	75 to 1 50
4 Socket Common Hoe.....	30	54 Latest Pattern Steel Garden Rakes	40 to 75
5 Trowel Shape Weeding Hoe.....	75	55 All styles of Shovels, large and small.....	75
6 Onion Hoe, "double end,".....	50	56 Asparagus, Dock and Weed Digger.....	30
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 " ".....	1 00
13 Pruning Shears, all kinds.....	40 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 00
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 Syringes.....	1 00 to 4 00
17 Spud for Pulling Vegetables.....	1 00	80 Double Leaf Rake.....	75
18 Patent English Weeder.....	25	81 Gardener's Mittens.....	50
19 " " 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.....	50 to 1 50	85 Breen's Finger Spade.....	10
23 Mattock, several sizes.....	50 to 75	86 Lang's Weeder.....	25
24 Transplanting Fork.....	15 to 40	87 Glazier's Points, per box.....	50
25 Wire Leaf Rake.....	60	88 " Pincers.....	40
26 Narrow Mattock.....	75	89 Rubber Plant Sprinkler.....	75 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 1 00	Lily Pot.....	40
30 Lang's Patent Weeder.....	25	Hanging Log.....	25 to 75
31 Trellis, all sizes.....	20 to 2 00	Oblong Lily Pot.....	60
32 Double End Pruning Saw.....	75	Begonia Pot.....	25
33 Bill Hook.....	1 00 to 1 50	Rustic Pot.....	50
34 Garden Line Reel.....	1 50	Standard Flower Pot.....	All prices
35 Grape and other Scissors.....	25 to 1 00	Jardinier.....	All prices
36 English Lawn Rake.....	75 to 1 25	Flower Pot Brackets.....	15 to 20
37 Whittling and Pruning Knives	50 to 1 25	Hyacinth Glass.....	15
38-39-40 English Pruning Knives	50 to 1 25	Wire Plant Stand.....	3 00
41-42 Budding and Grafting Knives	50 to 1 00	Flower Pot and Cage Bracket.....	10 to 1 00
43 Grafting Chisel.....	75	Saucers, price according to size.....	
44 English Pruning Hook Knife.....	1 00	Wooden Tubs.....	1 00 to 3 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.....	65		
50 English and American Grass Hooks.....	25 to 75		



SEED AND GRAIN TRYERS.

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

A LIBERAL DISCOUNT TO THE TRADE

Note Our List of Poultry Supplies on Last Page.

Buy Your Whips, Cutlery and Hardware of Us.



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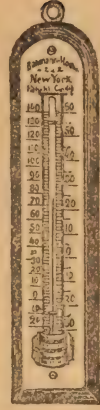


73

PRUNING SAWS.



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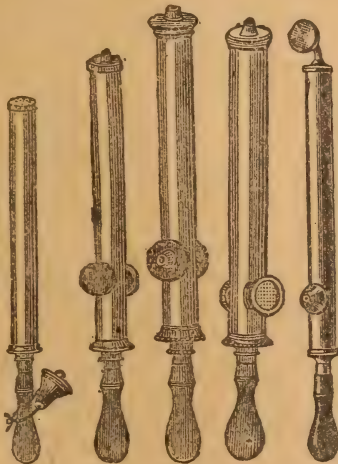
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WATERING POTS.

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TROWELS.



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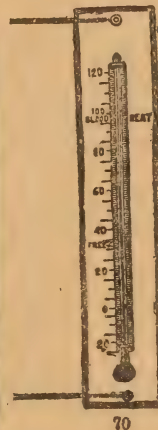
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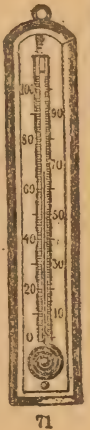
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BRASS SYRINGES.



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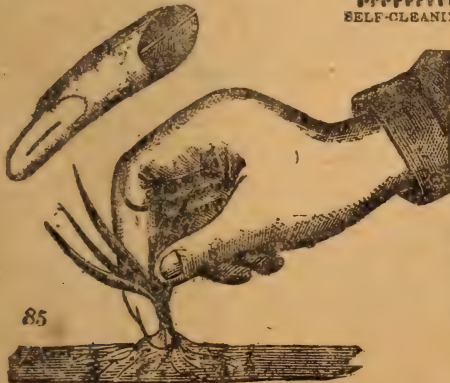
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WEEDERS.



SELF-CLEANING LAWN RAKE.

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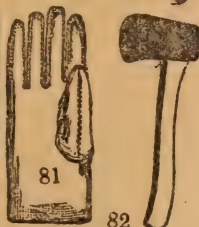
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LANGS

Weeder

PAT. APPLIED FOR.



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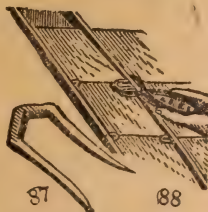
EUREKA FUMIGATOR.

83



POWDER

84. GUN.



87

88

GLAZING POINTS AND PINCERS



89

PLANT SPRINKLER.



90

PUTTY BULB.

We Keep all kinds of Family Hardware. We do Tin and Galvanized Iron Work. We Sell all Kinds of Fertilizers.

SUPPLEMENT TO FLOWER SEED LIST.

Flowers of Easy Cultivation that all Lovers of Flowers can and Ought to Grow.

ASTERS

For early flowering sow inside in April or March, in shallow pans or boxes, using a light soil. Cover seed very lightly; transplant seedlings when large enough to handle; plant in permanent beds about June 1st; for late flowering sow in open ground as soon as weather permits.

Our Asters are Grown for Us by Specialists from the Finest Strains in the World and are Unrivalled.

AMERICAN BRANCHING (Semple' or Vick's Branching.) A free growing Aster of robust, erect habit producing large, feathery blossoms, resembling Japanese Chrysanthemums; one of the finest for cutting. Height three feet.

	Oz.	½ oz.	Pkt.		Oz.	½ oz.	Pkt.
Finest Mixed	\$3.00,	.50,	.10	Light Blue	\$3.50,	.60,	.10
Crimson	3.50,	.50,	.10	Rose-Pink	3.50,	.60,	.10
Dark Blue	3.50,	.50,	.10	White	3.50,	.60,	.10

- COMET**—Colors various, with long wavy petals, full flower. 10c.
- SNOWBALL**—Pure white, pompon shape flower, about 15 inches high. 20c per pkt.
- HARLEQUIN**—Spotted and striped double mixed 10c per pkt.
- MIGNON**—Pure White, small pompon flowers. 10c per pkt
- VICTORIA**—Mixed color, tall, full flower, pyramidal shape 10 cts.
- BALL OR JEWEL**—Symmetrically incurved, the bloom a perfect ball. 25cts. per pkt.
- BRANCHING**—Vick's white, very fine. 10cts per pkt.

For all other varieties see General Flower List.

BALSAM

Beautiful and easily grown Half Hardy Annuals. Sow in open ground in May; the soil should be light and open; height 1 to 2 feet

DOUBLE WHITE.....oz.	\$2.00,	pkt. 10c	DOUBLE ROSE.....oz	\$1.50	pkt. 10c
" PINK"	1.50,	pkt 10c	" RED"	1.50	pkt. 10c

CALENDULA (MARIGOLD.)

Hardy free flowering Annuals with large double flowers in splendid variety of colors; grows well in dry situation; height, 1 foot. Sow outside in May.

MIXED, all colors	oz. 50cts.	Pkt. 5cts
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CALLIOPSIS OR COREOPSIS ANNUAL VARIETIES.

Charming hardy Annuals, blooming early and lasting in flower till frost. Very useful for cutting.

MIXED VARIETIES in Rich and Brilliant Colors	Pkt 10cts
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CANDYTUFT (IBERIS.)

Very showy, hardy Annuals, growing about 1 foot in height; grows well in any ordinary soil. Sow outside in May.

MIXED COLORS in great variety	oz. 30cts.	Pkt. 5cts
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CARNATION MARGUERITE.

Half hardy perennials if sown inside in spring and transplanted to the open garden in May, will flower in July and continue till frost, when with a light covering of rough straw or leaves they can be carried over winter and be much better the following year; or they may be potted up in the fall and flowered in the house during winter. The flowers in size, fragrance and variety of colors are equal to the best greenhouse varieties. Sow inside in March or April in shallow pans or boxes; transplant in open ground in May, or sow seed outside as soon as danger of frost is over.

MIXED VARIETIES, or separate colors (white, pink, red, rose yellow, striped.)	oz. \$2.00,	Pkt. 10 cts
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CASTOR BEAN (RICINUS)

Tender Annuals of rapid and gigantic growth, producing enormous dark green or bronze colored palmate leaves, excellent for massive foliage effect on lawns or backgrounds; can be started in April in the house and transplanted to the open garden about the first of June where they will attain a height of from 6 to 10 feet in a few weeks. 25c oz., 5c pkt.

CHRYSANTHEMUMS' ANNUAL VARIETIES.

Hardy Annuals of easy cultivation and blooming early in the summer; grows about 2 feet high; splendid variety of colors.

SINGLE, MIXEDoz.	40c.	Pkt. 5c.	DOUBLE, MIXEDoz.	40c.	Pkt. 5c
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SUPPLEMENT TO FLOWER SEED LIST.

COSMOS EARLY FLOWERING.

One of the most beautiful flowers in cultivation; if sown in May in the open ground will bloom about the middle of July; the colors include pure white shades of lilac, rose and crimson.

MIXED SHADES Pkt. 10cts

DAHLIA, SINGLE.

These popular flowers can be raised from seed and flowered the same season, and nothing gives more satisfaction than a good bed of Single Dahlias, being far superior to the double varieties for cutting purposes; sow seed inside in April; plant in the open ground about the first of June. A cool, rich soil suits Dahlias.

MIXED VARIETIES Pkt. 10cts.

MIGNONETTE.

This delightfully fragrant plant should be grown by every one who has room for a window box. Its cultivation is the easiest possible. The seeds should be sown early outside, and the young plants thinned sufficiently to allow them to branch. Water freely in dry weather.

MACHET, one of the best oz., 60cts. Pkt., 10cts

NASTURTIUMS.

No collection of flowers should be without Nasturtiums, they grow so forcibly 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 . . oz. 10 ts. Pkt. 5cts | DWARF VARIETIES MIXED--oz 15c Pkt 5c

OUR MIXTURE OF NASTURTIUMS IS THE FINEST IN THE COUNTRY.

NASTURTIUM DWARF, Aurora, very fine	EACH 5c PKG.	NASTURTIUM DWARF	EACH 5c PKG.
" " Beauty, yellow and scarlet		" " Empress of India	
" " Bronze		" " dark Leaves	
" " Cardinal--Dark Scarlet		" " King of Tom Thumb	
" " Cloth of Gold--Light foliage		" " King Theodore, very dark	
" " Crystal Palace-Dwarf		" " Ruby King	
		" " Flammulum Grandiflorum--Tall, scarlet and yellow, extra fine	

PETUNIA.

The Petunia, owing to its good growing qualities and its dazzling colors, is a favorite with all growers of flowers who appreciate brilliant effects; for window boxes and mass beds nothing is more effective. Annuals growing from 12 to 15 inches high.

DOUBLE VARIETIES MIXED . . . Pkt., 50cts. | SINGLE Pkt., 10cts

SALVIA (FLOWERING SAGE.)

Splendens, one of our most useful and gorgeous bedding plants, with long spikes of brilliant scarlet flowers, blooming continuously from mid-summer till frost; about 3 feet high. Sow inside in April and transplant outside when danger of frost is over, or sow outside in May. \$3.00 oz. 10cts. pkt.

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.

America.—Striped blood scarlet on white, large and striking.	Gorgeous—Brilliant orange salmon, wings orange madder.
Apple Blossom—Deep rose pink, wings blush pink.	Gray Friar—Flaked and speckled blue and mauve on white.
Blanche Ferry—Rose red, wings blush white, very profuse	Katherine Tracy—Lovely bright pink, large and pro use.
Captivation—Claret magenta, wings heliotrope, a distinct shade.	Lovely—Warm rose pink, large and extra fine.
Countess of Randor—Rosy lavender, wings pure lavender.	Mrs. Eckford—Primrose yellow, of large size and fine form.
Dorothy Tennant—Deep rosy heliotrope, large and distinct.	Prince of Wales—Bright rose carmine, wings carmine madder.
Emily Eckford—Heliotrope blue, wings lavender blue	Princess of Wales—Striped blue and purple on white.
Emily Henderson—Large pure white, profuse, early and continuous.	Salopian—Rich deep crimson red, very large and of fine form.
Firefly—Bright crimson scarlet, very profuse and intensely brilliant.	Mrs. Sankey—Pink tint in bud, pure white blossom
	Shahzada—dark maroon shaded purple.

PRICES FOR ANY OF THE ABOVE-NAMED SWEET PEAS.

5c. per Packet	10c. per Ounce
Enough for a single row 6 feet long.	Enough for a single row 25 feet long.
20c. per 1/4 Pound	60c. per Pound
Enough for 100 feet of row.	
Any 6 Packages for 25cts.	Any 12 Packages for 50cts.

DOUBLE SWEET PEAS.

Double Apple Blossom—Rose and blush.	Double Duke of Clarence—Plum-claret.
Double Boreatton—Deep Maroon.	Double Lottie Eckford—White and Mauve.
Double Captain of the Blues—Blue.	Double White—Pure White.

PRICES for any of above Double Sweet Peas, 5cts. per packet, 15cts. per OZ.

SELECT FLOWER SEEDS.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Abobra viridiflora</i>	hhP	6	green.	E	5	<i>Abobra</i> .—A beautiful variety of climbing Gourd, with elegant foliage.
<i>Abronia umbellata</i>	hhA	½	rose.	D	5	<i>Abronia</i> .—Trailing Verbena like flowers.
<i>Aconitum napellus</i>	hP	2	blue&w.	C	5	<i>Aconitum</i> .—Monkshood.
<i>Acroclinium roseum</i>	hhA	1	rose.	E	5	<i>Acroclinium</i> .—Pretty everlasting flowers; should be cut before fully expanded.
" <i>album</i>	hhA	1	white.	"	5	
<i>Adlumia cirrhosa</i>	hA	15	pink.	"	10	<i>Adlumia</i> .—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
<i>Adonis aestivalis</i>	"	1	scarlet.	"	5	<i>Adonis</i> .—Showy border flowers.
<i>African Rose</i>	"	"	"	"	5	<i>African Rose</i> .—See <i>Hibiscus</i> .
<i>Ageratum mexicanum</i>	hA	1	blue.	B	5	<i>Ageratum</i> .—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
" <i>Imperial Dwarf</i>	"	½	"	"	5	
" <i>nanum</i>	"	½	"	"	5	
<i>Agrostemma Cœli Rosa</i>	"	1	rose.	A	5	<i>Agrostemma</i> .—Rose Campion.
<i>Agrostis nebulosa</i>	"	1	"	A	5	<i>Agrostis</i> .—Very fine for dried grasses.
" <i>pulchella</i>	"	"	"	"	5	
<i>Alleghany Vine</i>	"	"	"	E	"	<i>Alleghany Vine</i> .—See <i>Adlumia</i> .
<i>Alonsoa grandiflora</i>	hhA	1½	scarlet.	E	5	<i>Alonsoa</i> .—Very showy in blossom and of graceful habit; excellent for bedding.
<i>Alyssum maritimum</i> (sweet).....	hA	1	white.	"	5	<i>Alyssum</i> .—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
" <i>saxatile compactum</i>	P	1	yellow.	"	5	
" <i>Wierzbecki</i>	"	1	w. & y.	"	5	
<i>Amaranth</i>	"	"	"	"	"	<i>Amaranth</i> .—See <i>Gomphrena</i> .
<i>Amaranthus bicolor ruber</i>	hhA	3	var. lf.	"	"	<i>Amaranthus</i> .—Beautiful foliaged plants.
" <i>caudatus</i>	"	3	"	"	5	<i>A. Salicifolius</i> and <i>Henderi</i> form elegant pot plants for greenhouse or conservatory and are much used for bedding. <i>A. caudatus</i> is the well-known "Love lies bleeding."
" <i>cruentus</i>	"	2	"	"	5	<i>A. cruentus</i> is better known as "Princess' Feather," <i>A. tricolor</i> as "Joseph's Coat" and <i>A. melan.</i> as "Nun's Whipping Post."
" <i>melanochlicus ruber</i>	"	1	"	"	5	
" <i>salicifolius</i>	"	3-5	"	"	10	
" <i>Henderi</i> (new).....	"	4	"	"	10	
" <i>tricolor</i>	"	2	"	"	5	
<i>Amethyst</i>	"	"	"	D	"	<i>Amethyst</i> .—See <i>Browallia</i> .
<i>Ammobium alatum</i>	hA	2	white.	E	5	<i>Ammobium</i> .—White everlasting flowers.
<i>Anagallis grandiflora, Eugenie</i>	hhA	1	b. & w.	B	5	<i>Anagallis</i> .—Poor Man's Weather Glass. Splendid for rock-work and borders.
" <i>Napoleon III.</i>	"	1	crimson.	"	5	
" <i>grandiflora, fine mixed</i>	"	1	mixed.	"	5	
<i>Anchusa augustifolia capensis</i>	hP	2	blue.	C	5	<i>Anchusa</i> .—Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
<i>Angelonia grandiflora</i>	hP	1½	blue.	"	10	<i>Angelonia</i> .—Blue flowers; sweet scented.
<i>Animated Oat</i>	"	"	"	"	5	<i>Animated Oat</i> .—See <i>Avena</i> .
<i>Antirrhinum majus</i>	P	2	mixed.	B	5	<i>Antirrhinum</i> .—Snapdragon. Will bloom first season.
" <i>majus nanum picturatum</i>	P	1½	"	"	5	
<i>Aquilegia, Single</i>	P	1½	"	C	5	<i>Aquilegia</i> .—Columbine. Pretty and very desirable for early spring flowering.
" <i>Double</i>	P	1½	"	"	5	
<i>Arctotis breviscapa</i>	hhA	1½	orange.	B	5	<i>Arctotis</i> .—Large orange flowers with dark centre.
<i>Argemone Hunnemanni</i>	hA	2	car.&yel.	A	5	<i>Argemone</i> .—Mexican Poppy.
<i>Artemesia gracilis</i>	"	4	"	"	5	<i>Artemesia</i> .—Highly decorative foliage plant.
<i>Aristolochia Siphon</i>	hB	30	y. & br.	D	5	<i>Aristolochia</i> .—Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
<i>Asperula azurea setosa</i>	hA	1	blue.	A	5	<i>Asperula</i> .—Very sweet scented flowers and profuse bloomer.
" <i>odorata</i>	hP	½	white.	"	10	
<i>Aster, German quilled</i>	hA	2	mixed.	D	5	<i>Aster</i> .—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's Pæony-flowered and the New Washington Asters. The <i>La Superbe</i> varieties of the first-named are rightly termed, for in every respect they are truly superb.
" <i>Dwarf Pyramidal Bouquet</i>	"	1	"	"	10	
" <i>Truffaut's Pæony-fl'd Perfection</i>	"	2	"	"	10	
" " <i>La Superbe</i>	"	2	rose.	"	10	
" " " ".....	"	2	sky b. & w.	"	10	

Additional Flower Seed List on Pages 20, 21, 22.

Hardware, Tools, Glass, Putty and Tinware—Tin Work.

Try Our Parrot and Bird Seeds.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
" Dwarf Chrysanthemum.....	"	1	mixed.	"	15	
" Large Rose-flowered.....	"	2½	"	"	15	
" Cocardeau or Crown (w. centre).....	"	2	various.	"	15	
" New Washington, white.....	"	2	white.	"	20	
" Perennial, fine mixed.....	"	2	mixed.	"	5	
Avena sterilis	hA	2	.....	C	5	Avena. —Animated Oats.
Balloon Vine	hhA	5	white.	B	5	Balloon Vine. —Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra	hA	1½	mixed.	B	10	Balsams. —Our balsams have been selected with great care and we feel certain that they will please our customers.
" Double Rose flowered.....	"	2	"	"	10	
" Double Rose flowered, white.....	"	2	white.	"	10	
" Double Camellia flowered.....	hA	2	mixed.	"	10	
" New Carnation-striped.....	"	2	"	"	10	
" Double Solferino.....	"	2	w., spt., str.	"	10	
" " Victor".....	"	2	w., sc. sp.	"	10	The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite.
Bartonia aurea	hA	1	yellow.	E	5	Bean. —Climbers, bearing clusters of dazzling scarlet, and pure white flowers.
Bean, Scarlet Runner	"	15	scarlet.	A	5	
" White, ".....	"	15	white.	"	5	Bellis. —Double Daisy.—Very handsome spring flowering plant.
Bellis Perennis, fl. pl.	hP	¾	mixed.	C	5	
Brachycome iberidifolia	hhA	1	mixed.	D	5	Brachycome. —Swan River Daisy.
Briza compacta	hA	1	"	A	5	Briza. —Quaking Grass.
" maxima.....	"	1	"	"	5	
Bromus brizæ formis	hP	1	"	C	5	Bromus. —Ornamental Grass for winter bouquets.
Browallia elata	hhA	1½	mixed.	D	5	Browallia elata. —Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.
Bryonopsis laciniosa erythiocarpa	hhA	5	red	D	10	Bryonopsis. —Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white.
Cacalia coccinea	hA	1½	scarlet.	E	5	Cacalia. —Tassel Flower.
Calampelis scabra	hhA	8	orange.	D	5	
Calandrina discolor	hA	1	rose.	E	5	Calandrina. —Very desirable for pot plant; also for rockeries.
" grandiflora.....	"	1	rosy pink.	"	5	
" umbellata.....	"	¾	crim.violet	"	5	Calceolaria. —Lady's Slipper. Saved from the very choicest varieties of the finest collections.
Calceolaria hybrida, large flowered	gP	2	mixed.	F	25	
" James' Prize splendid.....	"	1	"	"	25	Calendula. —Cape Marigold.
Calendula pluvialis	hA	1	w. b. and th	A	5	
Calendula officinalis "Meteor"	"	"	lt. orange.	"	10	Calendula Off. Meteor.
California Poppy	"	"	"	E	5	California Poppy. —See Eschscholtzia.
Calliopsis Drummondii	hA	1½	pur. & yel.	"	5	Calliopsis. —Very showy and continues to bloom a long time.
" bicolor nana.....	"	1½	mixed.	"	5	C. Drummondii is admirably adapted for borders.
Callirrhoe pedata nana	"	2	mixed.	"	5	Callirrhoe. —Profuse bloomer, continuing throughout the season.
Campanula medium, single	hP	2	.....	C	5	Campanula. —Canterbury Bell, will bloom first year if sown early. C. speculum ,
" speculum.....	hA	½	mixed.	"	5	
Canary Bird Vine	hhA	10	yellow.	D	10	Canary Bird Vine. —See Tropaeolum canariense.
Candytuft.....	"	"	.....	E	5	Candytuft. —See Iberis.
Canna, Finest mixed	hhP	"	mixed.	D	5	Canna. —Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
" Nigricans.....	"	"	red.	"	10	
" Zebrina.....	"	"	scarlet.	"	10	
Canterbury Bell.....	"	"	.....	C	5	Canterbury Bell. —See Campanula.
Cardinal Flower.....	"	"	.....	B	5	Cardinal Flower. —See Lobelia.
Cardiospermum Halicacabum	hhA	5	white.	"	5	Cardiospermum. —See Baloon Vine.
Carnation.....	"	"	.....	A	5	Carnation. —See Dianthus.
Castor Oil Bean.....	"	"	.....	D	5	Castor Oil Bean. —See Ricinus.
Catchfly.....	"	"	.....	E	5	Catchfly. —See Silene.

CANNAS—Crozy's Dwarf Flowering French. A new class of Cannas, foliage luxuriant, plants dwarf in habit; large size and brilliant hues, all shades of yellow and orange to the richest crimson, scarlet and vermilion; also beautifully spotted. Seed sown in a hot bed or greenhouse from January to April will produce flowering plants in July. Mixed pkt. 10cts.

CANNAS—Marechal Vailant Foliage rich maroon; large bright orange flowers; 5 ft. Pkt. 5cts.

" **—Tricolor.** Foliage green, red and creamy yellow, bright scarlet flowers; 3 ft. Pkt. 5cts.

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

Buy your Tin and Hardware of Us.

Our Flower Seeds are Choice Imported Stock.

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

Hardware is Necessary in all Families--Buy of Us.

Beautify your Lawn by Using Our Seeds and Fertilizers.

NAME	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Iberis lilacina</i>	hA	1	deep pur.	5	is perfectly hardy, flowering very early in the spring.
" <i>sempervirens</i>	hP	1	white.	5	
" <i>pectinata odorata</i>	hA	1	"	5	
Ice Plant					Ice Plant. —See <i>Mesembryanthemum</i> .
Indian Shot					Indian Shot. —See <i>Canna</i> .
<i>Ipomœa bona nox</i>	hhA	10	white.	5	<i>Ipomœa bona nox.</i> —Evening Glory I. coccinea. —Star <i>Ipomœa</i> . I. grandiflora. —Variegated Morning Glory I. quamoclit. —Cypress Vine. An elegant and exceedingly graceful, fine-foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
" <i>coccinea</i>	"	10	scarlet.	5	
" <i>marmorata grandiflora</i>	"	10	variegated	5	
" <i>quamoclit</i> (Cypress Vine).....	"	10	mixed.	5	
Jacobœa					Jacobœa. —See <i>Senecio</i> .
Job's Tears					Job's Tears. —See <i>Coix lacryma</i> .
Lady's Slipper					Lady's Slipper. —See <i>Calceolaria</i> and <i>Balsam</i> .
<i>Lantana, hybrida finest</i>	hhP	2	mixed.	10	Larkspur. —See <i>Delphinium</i> . Lathyrus. —Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name.
Larkspur					
<i>Lathyrus odoratus</i> (Sweet Pea).....	hA	5	mixed.	5	
" Painted Lady	"	5	rose & wh.	5	
" Everlasting Pea	hP	5		5	
" white	"	5		5	
Lavender					Lavender. —See <i>Lavendula</i> .
<i>Lavendula</i>	hP	2	violet.	5	Lavendula. —Well-known old-fashioned flower, highly prized for its peculiar odor.
<i>Leptosiphon hybridus, French</i>	hA	¼	various.	10	Leptosiphon. —Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<i>Linaria cymbalaria</i>	hP		lavender.	10	Linaria. —Kenilworth or Coliseum Ivy.
" Finest mixed	hA	1	mixed.	5	
<i>Linum grandiflorum rubrum</i>	hP	1	splen. scar.	5	Linum. —Scarlet Flax.
<i>Loasa hispida</i>	hA		golden yel.	5	Loasa. —Climbers, with curious flowers
" tricolor	"		yel. shaded	5	
<i>Lobelia cardinalis</i> Queen Victoria.....	hP	2	scarlet.	10	Lobelia cardinalis. —Cardinal Flower. With darkest leaves, very beautiful. L. speciosa. —One of the most effective varieties for bedding. L. erecta. —Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
" <i>erinus gracilis</i>	hA	½	dark blue.	10	
" <i>speciosa</i> Crystal Palace.....	"	½	"	10	
" erecta	"	½		10	
<i>Lophospermum scandens</i>	hhA	10	mixed.	15	Lophospermum. —Beautiful climbing plant, with very large trumpet-shaped flowers.
Love-in-a-mist					Love-in-a-mist. —See <i>Nigella hispanica</i> .
Love-in-a-puff					Love-in-a-puff. —See <i>Balloon Vine</i> .
Love-lies-bleeding					Love-lies-bleeding. —See <i>Amaranthus caudatus</i> .
<i>Lunaria annua</i>	hB	2	purple.	5	Lunaria. —Honesty.
<i>Lupinus finest annual sorts mixed</i>	hA	2	mixed.	5	Lupinus. —Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
<i>Lychnis Haageana Fine Hybrid</i>	hP	1	scarlet.	5	Lychnis. —Ragged Robin.
Maize Japanese	hA	4	striped leaf	5	Maize. —Striped Japanese Corn. Very ornamental.
<i>Malope grandiflora</i>	"	1½	mixed.	5	
Marigolds					Marigolds. —See <i>Tagetes</i> .
<i>Martynia fragrans</i>	hhA	1½	crimson.	5	Marvel of Peru. —See <i>Mirabilis</i> .
Marvel of Peru					
<i>Matricaria capensis fl. pl.</i>	hhP	1	white.	5	Matricaria. —Feverfew; dwarf and very double. M. par. —See <i>pyrethrum</i> .
<i>Maurandia Barclayana</i>	hhP	10		10	Mesembryanthemum. —Ice Plant. Diamond Plant.
" finest colors	"	10	mixed.	10	
<i>Mesembryanthemum crystallinum</i>	hA	½	white.	5	
Mignonette					Mignonette. —See <i>Reseda</i> .
<i>Mimosa pudica</i>	hhA	2	pink. wht.	5	Mimosa. —Sensitive Plant.
<i>Mimulus cardinalis</i>	hhP	1	scarlet.	5	Mimulus cardinalis. —Monkey Flower will bloom the first season from seed.
" tigrinus	"	1	spotted.	10	

NAME	Hardness and Duration	Height, Feet	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Mimulus moschatus.....	hhP	½	yellow.	10	They like a damp, shady situation. M. moschatus. —Musk Plant.
Mirabilis Jalapa.....	"	2	finestmix'd	5	Mirabilis. —Marvel of Peru; Four o'clock.
Momordica balsamina.....	hhA	10	yellow.	5	Momordica. —Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
Monkey Flower.....	.....	.....	.....	10	Monkey Flower. —See Mimulus.
Morning Glory.....	.....	.....	.....	5	Morning Glory. —See Convolvulus major.
Mourning Bride.....	.....	.....	.....	5	Mourning Bride. —See Scabiosa.
Mukia scabrella.....	A	10	sc. fruit.	10	Mukia. —Handsome Climber, with scarlet berries.
Musk Plant.....	.....	.....	.....	.....	Musk Plant. —See Mimulus.
Myosotis alpestris cœrulea.....	hP	¼	blue.	5	Myosotis. —Forget-me-not; thrives best in moist and shady situations.
" azorica.....	hhP	½	dark blue.	10	
" palustris.....	hP	½	blue.	10	
Myrsiphyllum asparagoides.....	gP	10	foliage orn.	20	Myrsiphyllum. —Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
Nasturtium.....	.....	.....	.....	.....	Nasturtium. —See Tropæolum.
Nemesia.....	hA	1	mixed.	10	Nemesia. —Compact growing and immensely profuse flowering.
Nemophilla insignis.....	"	1	mixed.	5	Nemophilla. —Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
Nicotiana atropurpurea grand.....	hhA	8	purple.	10	Nicotiana tabacum fol. var. —New, striped leaves.
" tabacum fol. var.....	"	8	str. leaf.	10	
Nigella damascena, fl. pl.....	hA	1½	dark blue.	5	Nigella. —Devil-in-a-bush. N. hispanica. —Love-in-a-mist.
" hispanica.....	"	1½	purple.	5	
Nolana atriplicifolia.....	"	1½	mixed.	5	Nolana. —Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post.....	.....	.....	.....	.....	Nun's Whipping Post. —A maranthus melancholicus.
Oenothera grandiflora Lamarckiana.....	hP	3	yellow.	5	Oenothera. —Evening primrose; large flowers three to four inches in diameter.
Pansy.....	.....	.....	.....	.....	Pansy. —See Viola tricolor.
Papaver carnation double.....	hA	2	mixed.	5	Papaver. —Poppy; brilliant flowers, large and showy.
Peas, Sweet.....	.....	.....	.....	.....	Peas, Sweet. —See Lathyrus odoratus.
Pentstemon hybridus.....	hP	2	mixed.	25	Pentstemon. —Herbaceous plants; start in hot-bed, in shape the flowers resemble the Gloxinia, and are of great beauty.
Perilla nankinensis.....	hhA	2	foliage orn.	5	Perilla. —Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
Petunia grandiflora Kermesina.....	hhP	2	crimson.	25	Petunia grand. kermesina. —With white throat; very large. P. grand. maculata. —Large flowering; blotched. P. grand. purpurea. —Fine dark varieties; splendid. P. splendid single. —Saved from the choicest flowers; very large. P. extra fine. —Double.—The seed of this strain has been obtained from the most perfect double blooms only.
" " maculata Inimitable.....	"	2	blotched.	25	
" " purpurea.....	"	2	purple.	25	
" " splendid single.....	"	2	mixed.	25	
" " extra fine, double.....	"	2	"	50	
" " fimbriata, splendid mixture, fringed varieties.....	.....	.....	.....	50	
Petunia hybrida, extra fine.....	hhP	2	mixed.	10	Petunia grand. fim. splendid mixture, fringed varieties.
" " grandiflora fimbriata, fl. pl., splendid mixture.....	"	2	mixed.	50	
Petunia hybrida, first quality.....	"	2	"	10	Petunia hyb. grand. fimbriata, double splendid mixture.
" " nana, compacta multiflora.....	.....	.....	.....	10	
" " nyctaginiflora.....	hhP	2	white.	5	Petunia n. com. mult.
Phlox Drummondii.....	hA	1	finestmix'd	5	Phlox. —Excellent for bedding in masses or for borders, flowering in great profusion.
" " alba.....	"	1	white.	5	Alba aculata. —White, with purple eye.
" " alba oculata.....	"	1	wh't & pur.	5	
" " coccinea.....	"	1	scarlet.	5	Atropurpurea. —Black warrior, deep blood purple. Coccinea. —Brilliant scarlet.
" " Radowitzki.....	"	1	rosestriped	5	Leopoldi. —Bright rose, white eye.
" " Leopoldi.....	"	1	rose & wh't	5	Radowitzki. —Rose striped. Queen Victoria. —Blue, white eye.
" " Queen Victoria.....	"	1	blue & wh't.	5	
Poppy.....	.....	.....	.....	.....	Poppy. —See Papaver.
Poor Man's Weather Glass.....	.....	.....	.....	.....	Poor Man's Weather Glass. —See Anagallis.
Portulaca finest single.....	hA	½	mixed.	5	Portulaca. —Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will
" " grandiflora d'ble, ex. qual.....	"	½	"	15	

Additional Flower Seeds on pages 20, 21, 22.

Hardware for the Mechanic and Farmer.

Good Seeds and Fertilizers make Beautiful Lawns. We have both.

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

Our Flower Seeds are the Best that we can Import.

We Have Hardward of All Kinds—Buy of Us.

Tin Work Made and Repaired Promptly.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	.....	.....	.....	.....	Sunflower.—See Helianthus.
Swan River Daisy.....	.....	.....	.....	.....	Swan River Daisy.—See Brachycome.
Sweet Alyssum.....	.....	.....	.....	.....	Sweet Alyssum.—See Alyssum.
Sweet Pea.....	.....	.....	.....	.....	Sweet Pea.—See Lathyrus.
Sweet Rocket.....	.....	.....	.....	.....	Sweet Rocket.—See Hesperis.
Sweet Sultan.....	.....	.....	.....	.....	Sweet Sultan.—See Centaurea.
Sweet William.....	.....	.....	.....	.....	Sweet William.—See Dianthus.
Tagetes double African.....	hhA	2	mixed.	5	Tagetes.—Marigold; good old-fashioned flowers, very popular.
“ “ French.....	“	1½	“	5	
“ “ signata pumila.....	“	1	br. & yel.	5	
Tassel Flower.....	.....	.....	.....	.....	Tassel Flower.—See Cacia.
Thunbergia, finest.....	hA	6	mixed.	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.....	“	2	.....	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.....	hhA	4	mixed.	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly.
“ Lobianum Brilliant.....	“	6	dark scar.	10	
“ “ Crown Prince of Prussia.....	“	6	blood red.	10	
“ “ Giant des Batailles.....	“	6	carmine.	10	
“ “ Lilli Smith.....	“	6	crimson.	10	
“ “ Napoleon III.....	“	6	ver. striped	10	
“ “ Lucifer (very rare).....	“	6	cri. dk. fol.	10	
“ “ Roi des Noirs.....	“	6	almost lik.	10	
“ “ Spitfire.....	“	6	bright scar.	10	
“ “ finest varieties.....	“	6	mix. colors.	5	
“ majus atropurpureum.....	“	6	black bro'n	10	
“ “ coccineum.....	“	6	scarlet.	10	
“ “ luteum.....	“	6	yellow.	5	
“ “ regelianum.....	“	6	pur. violet.	10	
“ cœruleo roseum.....	“	6	d. rose.	10	
“ majus, finest varieties.....	hhA	6	mixed.	5	
“ Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	10	
“ “ Crystal Palace Gem.....	“	1	sul. col. spt.	10	
“ “ King of Tom Thumbs.....	“	1	dp. scarlet.	10	
“ “ King Theodore.....	“	1	very dark	10	
“ “ Pearl.....	“	1	nearly wht.	10	
“ “ Ruby King (new).....	“	1	carmine.	10	
“ “ luteum.....	“	1	bright yel.	10	
“ “ cœruleo roseum.....	“	1	mar. tint.	10	
Venus' Looking Glass.....	.....	.....	.....	.....	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's.....	hhP	.....	mixed.	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.....	hhA	½	blue & wht.	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
“ “ fl. albo.....	“	½	white.	5	
Vinca rosea.....	g sh.	2	rose.	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
“ alba.....	g sh.	2	white.	10	
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed.	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
“ “ “ very large flow'g.....	“	½	“	5	
“ “ “ candidissima.....	“	.....	white.	20	
“ “ “ Snow Queen.....	“	.....	white.	20	
“ Emperor William.....	“	½	deep blue.	10	
“ Faust, or King of the Blacks.....	“	½	coal black.	10	
“ Odier, or five blotched.....	“	½	various.	10	
“ Gold-margined.....	“	½	mer. with y	10	
“ Violet color margined.....	“	½	mar. with w	15	
“ White Treasure.....	“	½	pure white.	15	
“ Yellow.....	“	½	pure yel.	15	
“ good quality.....	“	½	mixed.	5	
“ odorata, The Czar (Violet).....	“	¾	blue.	25	
Viscaria hybrida splendens.....	hA	1-2	mixed.	5	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.....	hA	1	yellow.	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1½	mixed.	5	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba.....	hA	1½	white.	10	
“ “ “.....	“	1½	purple.	5	
Wigandia caracasana.....	hhS	8	or. leaf.	5	Wigandia.—Elegant, stately, ornamental plants.
“ “ vigieri.....	“	8	“	10	

SHEARS, SCISSORS AND FINE CUTLERY.

We Carry a Fine Stock of Hardware, Glass and Putty.

Use our Special Lawn Dressing and Avoid Foul Weeds.

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

ORNAMENTAL GRASSES.

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

NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa.....	hA	1	.....	5	Avena—Animated Oats.
Avena sterilis.....	"	2	.....	5	Briza—Quaking Grass.
Briza compacta.....	"	1	.....	5	Coix lacrymus—Job's Tears.
" maxima.....	"	1	.....	5	Eragrostis—Love Grass.
Bromus brizaeformis.....	"	1	.....	5	Erianthus—Beautiful and very showy.
Coix lacryma.....	"	1½	.....	5	Gynierium—Pampas Grass.
Eragrostis elegans.....	"	1	.....	5	Stipa—Feather Grass.
Erianthus Ravennæ.....	hP	10	.....	10	Zea—Japanese Maize (striped leaves).
Gymnothrix latifolia.....	hhP	3	.....	5	
Gynierium argenteum.....	"	3	.....	5	
Stipa pennata.....	hA	1½	.....	5	
Zea Japonica.....	"	6	.....	5	

CLIMBING VINES, ORNAMENTAL GOURDS, &c.

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

HARDWARE TOOLS AND IMPLEMENTS.

See Our Pages of Small Tools, 17 and 18.

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

EVERLASTING FLOWERS.

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

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

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

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

SPRING PLANTS, BULBS and ROOTS.

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

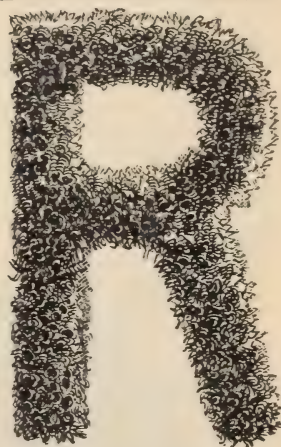
Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias.

Selected Fall Bulbs in their Season, Our Own Direct Importation from Holland.

Christmas Holly, Holly Wreaths, Ground Pine, Mistletoe, in Season.

Florists' Sundries.

Self-Registering Thermometers	Hanging Baskets
Tin Foil	Flower Supports
Green Moss	Plant Stands
Florist Letters	Trellisses
Raffia	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
Jardinieres and Pedestals	Silkaline, per spool, 30cts.



\$3.00

\$2.00

\$1.50

Rustless Oleite, 75c a Box.

An application will prevent rust absolutely. Farmers can save many dollars by its use.

Flower Tubs, \$1.00 to \$4.00

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

Trellisses, Urns, Vases and Settees.

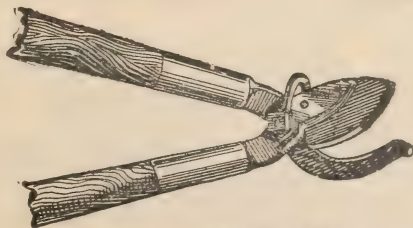
We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks, etc. These can be furnished to order on short notice, at reasonable prices.

For full particulars, write or call and see us.



Daimond Edge

Tree Pruner.



PATENTED.

The above Pruner is the most powerful Tree Pruner on the market. The strength and power of this tool is wonderful, and the secret of it 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.

MASTICA FOR GLAZING.

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

Every florist has experienced difficulty in obtaining putty [whether ordinary or white lead] for glazing, that is satisfactory for any length of time. The fact is 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.

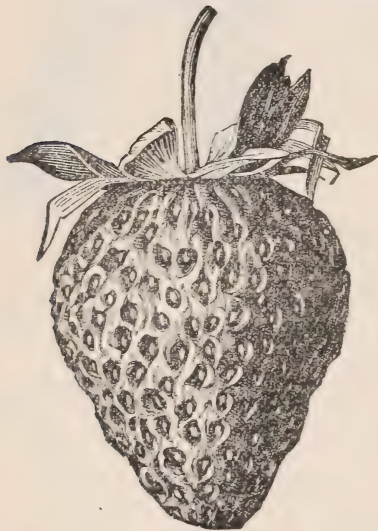
Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet [one side].

Prices of Mastica, soft for machine application, $\frac{1}{2}$ gal., 65c., gal., \$1.15. We are Sole Agents for Central New York.



Mastica
Glazing
Machine.

PRICE \$1.25



STRAWBERRY PLANTS.

We are pleased to announce that we can furnish choice thrifty Strawberry and Raspberry Plants of all 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. I can save you money on berry baskets if you will place orders early. Call and see us before purchasing.

ENSILAGE FORKS

\$1.25

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.

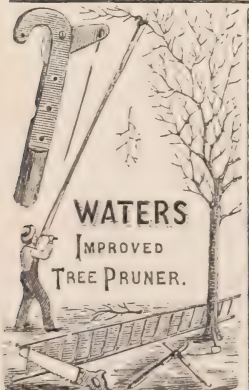
Price, \$1.25.

We also offer a fine Fork for handling Beets, Carrots, Corn in the Ear, Potatoes, etc., This is a light and exceedingly strong and well made Fork.

Price \$1.25.

CASH PAID for Sweet Corn,
Early Potatoes, Canada Peas,

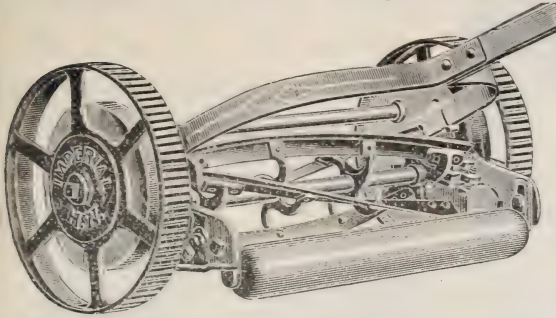
Wax Beans and Pumpkin Seeds.



Price \$1.00 to \$1.50

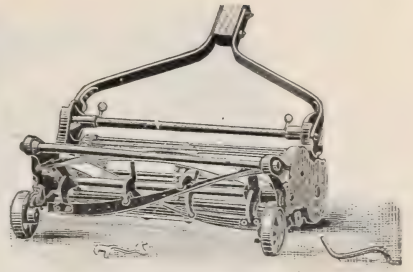


High Wheel Imperial.



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

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



THE NEW EASY!

We have sold the "EASY" for Twenty Years.
The Best All Around Mower on Earth.

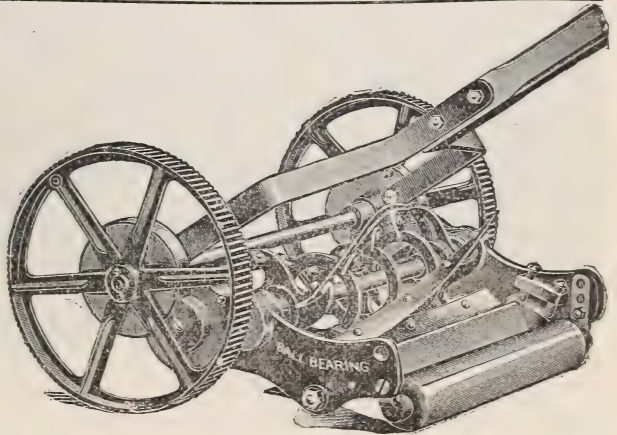
FORREST CITY

BALL BEARING

LAWN MOWER.

This unquestionably the Best BALL BEARING MOWER on the market. Perfect in every detail, absolutely guaranteed.

16 inch.....	\$ 9 00
18 ".....	10 00
20 ".....	12 00
22 ".....	13 00

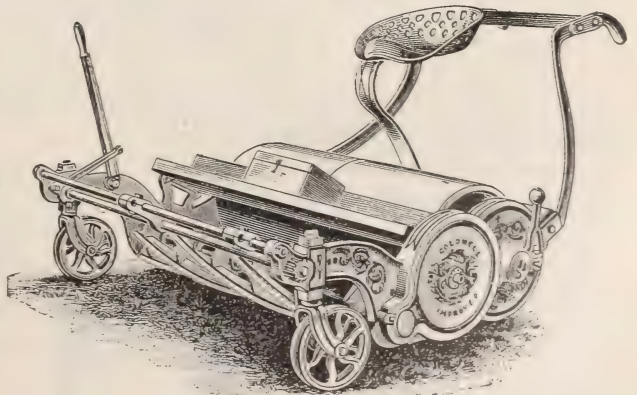


Imperial Horse Lawn Mower.

Price \$55.00 and Up.

Absolutely Guaranteed to Cut Clean in turning around.

Send for Catalogue.





PURE GROUND BONE

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

These fertilizers are free from foul seed and are natural grass producers.

SHEEP FERTILIZER,

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.

The best Fertilizer in the Market.

RICH IN PLANT FOOD.

MACHINE DRIED.

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 adaptation 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.

Per lb., 25c.; per 100 lbs., \$18.00

Fine Sod 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 13½ 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 ½ and ¾ 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.

WE SELL FERTILIZERS OF ALL KINDS.

BOWKER'S CELEBRATED FERTILIZERS.



"A Few Stockbridge Vegetables."

Photograph of $\frac{1}{2}$ acre field of onions grown by John H. George, of Methuen, Mass., on Stockbridge Onion Manure exclusively. Yield on the $\frac{1}{2}$ acre, 448 $\frac{1}{2}$ bushels of fine onions. Applied 1,000 pounds.

We carry in stock the following brands:

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

SPECIAL MANURES.

Stockbridge Potato Manure	Stockbridge Corn and Grain Manure
Stockbridge Vegetable Manure	Stockbridge Onion Manure
Stockbridge Cabbage and Cauliflower Manure	
Stockbridge Pea and Bean Manure	Stockbridge Asparagus Manure
Stockbridge Celery Manure	Stockbridge Tobacco Manure
Stockbridge Lettuce and Spinach Manure	
Stockbridge Strawberry and Fruit Manure	

We are Sole Agents for these Celebrated Phosphates. Sold strictly for Cash at a very close margin of profit. Fully guaranteed as being equal or superior to the best on earth. SPECIAL PRICES FOR CASH.

THE IRON AGE

FARM AND GARDEN IMPLEMENTS.

The "Iron Age" Catalogue for 1904
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

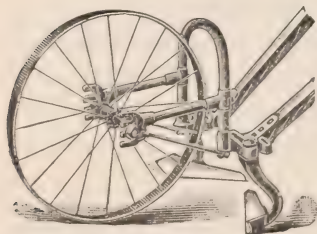
(The Drill Form of the Tool Shown Above.)

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 attachment 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

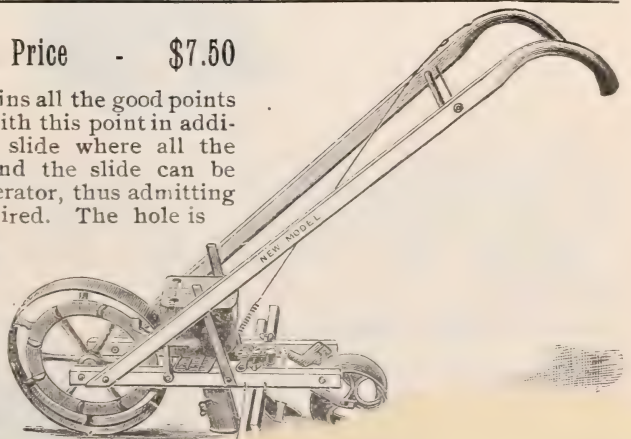
No. 11 (Same with Plow Only) \$2.25

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 an 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.

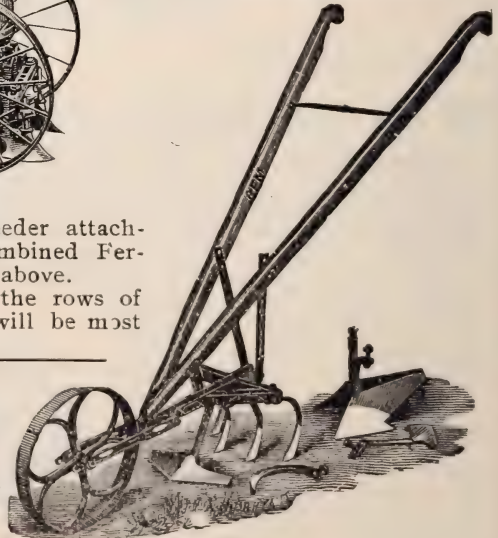


With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

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 farmers that it needs no introduction. It is made of best quality of steel and mal-
+ in weight



No. 60 "IRON AGE" PIVOT WHEEL RIDING CULTIVATOR.

PRICE, \$35.00.

Add for Plows 75c. 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.

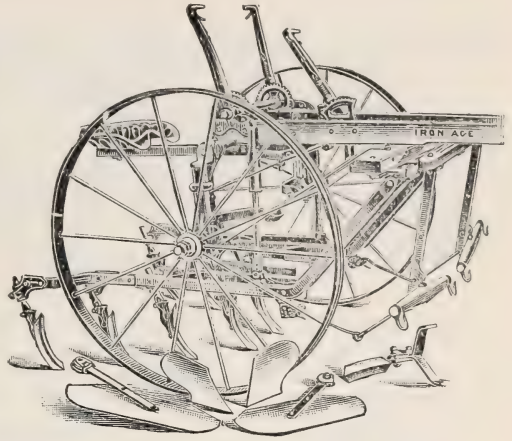
The Lever Gang Adjuster gives the operator immediate control of the width of his gangs. With this adjuster the gangs are always at equal distance from the center. One important feature of our Adjuster is that the gangs, and necessarily the teeth, are always kept parallel with each other, each tooth presenting its face squarely to the front at all times, and therefore will not throw soil toward the row when expanded, and from the row narrowed up, as is the case when the gangs are pivoted at the front. Especially is this Adjuster valuable where the distance must be changed frequently.

The **Gangs** are of such design as to give great strength—very rigid, so as to instantly follow the directions given by the wheels. For cultivating potatoes and all close grown crops the outside part of gang is removed, together with the standard and tooth.

The **Standards** are made of good steel and can be instantly adjusted in depth of angle of cut, or removed altogether by simply loosening one nut.

Points—The steel points sent out on the Cultivator are 2½ inches in width and 10 inches long, while we have, also, of the same length, points 1¼ and 3½ 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.

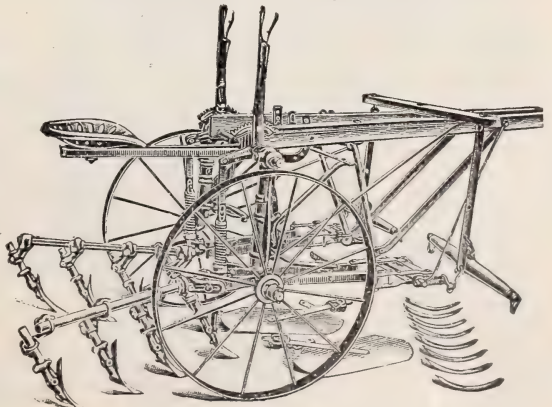


No. 70 "Iron Age" Combined Pivot and Fixed Wheel Riding Cultivator. Price, \$36.00

Although a combined tool when used in either form, a Pivot or Fixed Wheel Cultivator it is a thorough success, containing advantages over many tools made expressly as a Fixed or Pivot Wheel tool. The wheels are made of steel, 30 inches high with a broad face tire, 2½ inches wide. They are adjustable in width at any point between 42 inches at the widest and 32 inches at the narrowest. This adjustment allows for the entire cultivation of rows 54 inches apart, and as close as 28 inches or even narrower.

PIVOTED GANG BARS—The gang bars are hinged or pivoted and the cultivating width can be quickly changed by the simple loosening and tightening of two bolts. They are of round bars of steel, with a groove that engages a rib on the tooth holder, thus preventing all danger of turning on the bar, while the eye-bolt firmly clamps the tooth holder to the bar, with no danger of sliding. This combination also gives the facility of changing the position of the teeth on the bar or of increasing or reducing the number.

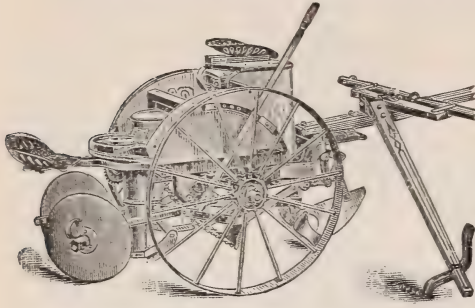
We call attention to our method of connecting the gangs in front—a connection of parallel links, giving an easy, swinging motion to the gangs, at the same time keeping them square to the front, instead of constantly changing the face of the teeth as occurs by the use of the ordinary single coupling. A **SPRING TOOTH ATTACHMENT** may be quickly and easily applied.



Price per set of 8 (including points)
\$7.00

The Improved Robbins Potato Planter.

PRICE.



With Fertilizer Distributor	\$75.00
Without " "	65.00
Pea and Corn Sower Attachment	5.00
Leveler 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.

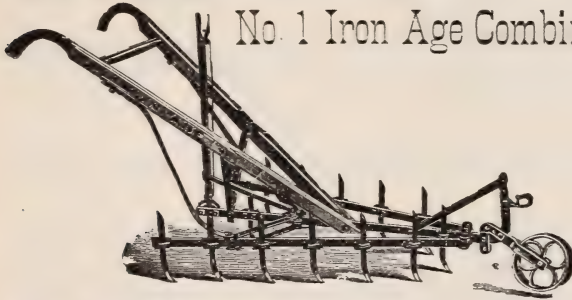
The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceding the potato tube.

The seed is dropped at 12, 14, 15½, 17, 18½ or 20 inches apart. The change from one distance to another can easily be made by changing sprocket wheels. The covering is accomplished by 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. R. Overacre, Salina ; Frank Horley, South Beach st. ; T. A. Mitchell, Weedsport, N. Y. ; Mr. Pendergast, Phoenix, N. Y. ; Hubbs Bros., No. Manlius ; Oliver Ormsby, Fairmount, N. Y.

No. 1 Iron Age Combined Harrow and Cultivator.



Price	\$5.25
Without Wheel or Lever	4.00

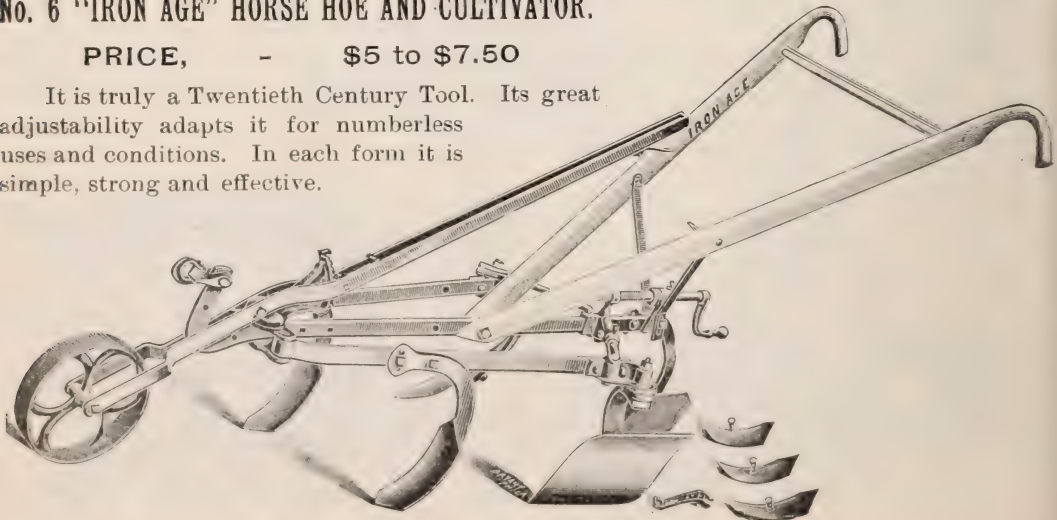
An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil without throwing but little dirt.

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

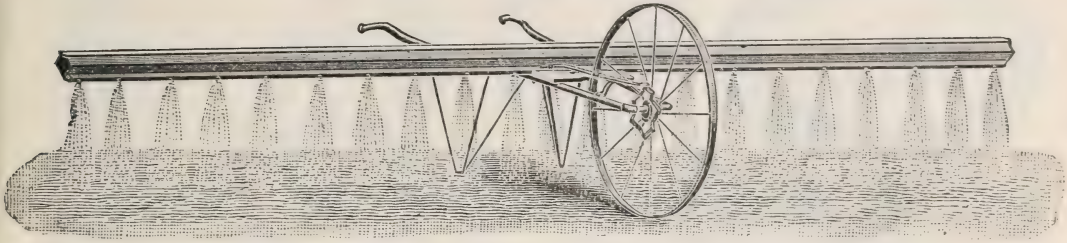
No. 6 "IRON AGE" HORSE HOE AND CULTIVATOR.

PRICE, - \$5 to \$7.50

It is truly a Twentieth Century Tool. Its great adjustability adapts it for numberless uses and conditions. In each form it is simple, strong and effective.



WHEELBARROW SEEDERS.



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

THEY CAN BE WORKED BY ANYONE WHO CAN RUN A WHEELBARROW.

PRICE, \$6.50 TO \$8.00 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, Rye, 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 very 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 smallest packet of seeds as well as a larger bulk. This Drill is not a toy, but a strong, practicable machine that will last many years. Don't buy a similar machine that has the opening plow in front of the machine. You cannot get near the sides of a hot bed nor close up to the fence. Neither does it cover seed. It will be an aggravation rather than a labor-saving machine, as we offer.

PHILADELPHIA, PA., Dec, 1902.

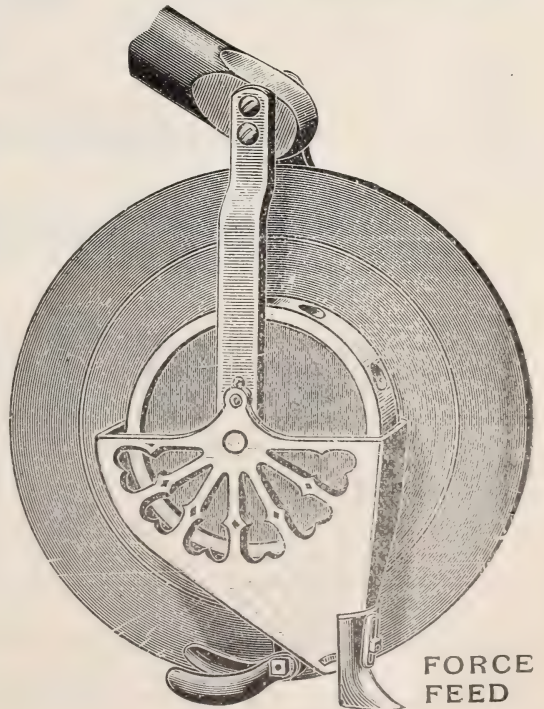
J. A. AVERITT,

Dear Sir—We received the "Eureka" Garden Seeder and sure that it is the only thing of its kind on the market to give satisfaction.

Yours very truly,
[Signed] HENRY A. DREER,

PRICE ONLY \$1.00.

DISCOUNT TO THE TRADE.





We have sold SLUG SHOT for a great many years, and it is as popular and effective as ever.

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



SULPHO-TOBACCO SOAP—Quickly exterminates all insect life on plants and flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless Insecticide, for Amateur and Professional Growers, 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.

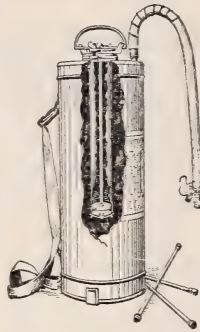
3-oz. Cake sufficient for 1½ gallons prepared solution, 10c; mailed postpaid 13c.
8-oz. Cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 28c.

DISPARINE.

G. G. Hitchings of So. Onondaga, says: I consider DISPARINE superior to Paris Green for spraying fruit trees. It adheres longer to the foliage and remains in suspension longer than Paris Green. It does not injure the foliage. Consequently the trees require less spraying as the rains do not wash it off so readily. I consider it one of the best sprayers known at this time. I shall use it entirely another season.

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

AUTOSPRAY.



PRICE, \$5.00.

Capacity.....	2 gallons
Diameter.....	7 inches
Height.....	12 inches



A wonderful invention. Light, swift, safe, strong and cheap.

PRICE, \$6.00

INSECTICIDES.

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

Hardware is Necessary in all Families--Buy of Us

Beautify your Lawn by Using Our Seeds and Fertilizers.

THE HIGH PRESSURE SPRAYER.

For Potato Bugs.

DIRECTIONS.—Fill one cylinder full of what is required. Close the faucet and filler hole tight. Work the pump $\frac{1}{4}$ to $\frac{1}{2}$ minute then turn the faucet and direct the spray where wanted.

This gives you 15 minutes' continuous work with a very fine or coarse spray, narrow or wide spread, as you wish; all controlled by turning the faucet.



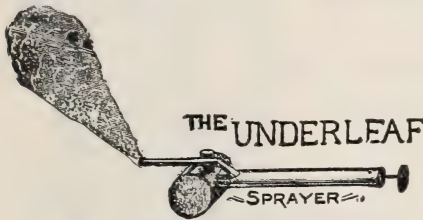
Knapsack Sprayers. Each cylinder will hold two gallons. This will be the fastest seller yet offered. Price \$2.50 for spraying purposes.



Rapid Work in a Potato Field. Price \$5.00

The Underleaf Sprayer.

This Improved Sprayer is adjusted so that the under side of foliage may be reached. An excell-



Price 50 cents.

ent 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.



Falling Over Top of Tree in Spray. Price \$5.00

SYRINGES—\$1.00, \$2.25, \$3.00, \$4.50



THE STANDARD SPRAY PUMP.

Made Entirely of Brass.



The Only Pump on the Market that is warranted to the purchaser, and for five years

As used with Bucket, Knapsack, Tank or Barrel for Spraying Orchards, Gardens, Vineyards, Whitewashing, Disinfecting Chicken House, Killing Vermin on Stock.

With two solid brass ball valves. No leathers, washers or suckers. No castings to rust. No leaking joints. Nothing to get out of order. Price, \$5.00.

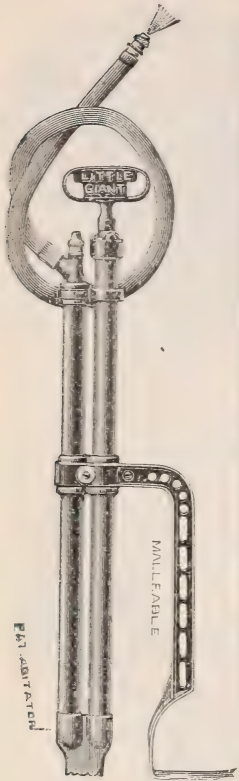
The Electric or Lightning Insect Exterminator.

Price 75 cts.

Effectual, Cheap,

Simple, Practical.





Rumsey's Superior Double-Acting Spray Pump.

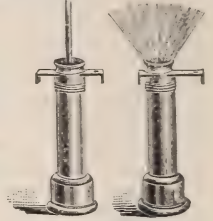
This represents our new Double Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double-acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

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 $\frac{1}{2}$ in. discharge hose and "Lilly" Nozzle
Can be used for washing windows, carriages, etc.

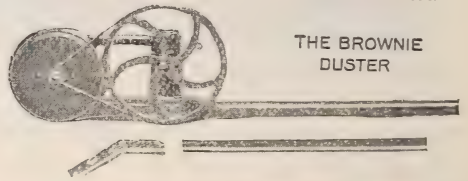
Price, - - - \$4 00



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

The Brownie Duster.

For Garden, Vineyard and Small Trees--Particularly Useful for In-Door as well as Out-Door Work, wherever a Dry Powder is Required. Price, \$5 to \$7.



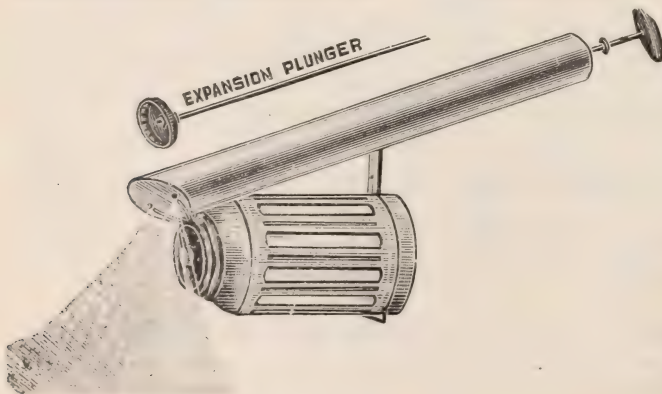
THE BROWNIE DUSTER

This machine dispenses with the use of water. Poisons when used dry, are more effective than otherwise and should be distributed in a smoke-like dust, so as to be hardly perceptible on the leaves.

The crank should be turned about 80 revolutions per minute.

Two 16 inch tubes and one bent nozzle furnished with each Duster. Machine weight complete $3\frac{1}{2}$ lbs. One packed in a case.

The grooved brass wheel can be unscrewed and reversed, if worn, or replaced for 5 cts. Reservoir holds $\frac{1}{2}$ lb. Paris Green, 2 oz. Powdered Hellebore, 2 oz. Insect Powder.



THE GLASS SPRAYER.

Price, 75c.

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

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.



Carrying Cans, all sizes..\$	50 to \$2 25	Tin Milk Pans, per doz..\$1	50 to \$2 25
Dairy Cans	“ - 6 50 to 8 50	Tin Milk Pails, all sizes..	30 to 75
Wholesale Cans	“ - 40 cts	Sprinkling Pots, “	25 to 1 25
Strainer Pails	“ - 50 to 90	Excelsior Strainers.....	2 05
Pint Dippers.....	30 to 50	“Our Own” Strainers....	1 70
Quart Dippers.....	30 to 50	Aerators.....	2 00 to 6 00
Strainers.....	50 to 1 60	All Hand Work and fully	Warranted.

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.



Price List of Gravity Cream Separator.

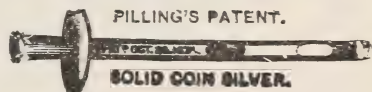
No. 0 holds 7 gal., used for 1 to 2 cows.	60 lbs. milk per day	\$2.50
No. 1 “ 11 “ “ “ 2 to 3 “	100 “ “ “ “	4.50
No. 1½ “ 18 “ “ “ 3 to 4 “	150 “ “ “ “	5.50
No. 2 “ 25 “ “ “ 4 to 7 “	200 “ “ “ “	6.50

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. 65c to \$1.25 each.

Hardware, Tools, Glass, Putty. Tin work of all Kinds
BARGAINS IN WHIPS. COME AND SEE US.

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.

Try Dwarf Essex Rape for Quick Pasture.

 IF YOU NEED HARDWARE, WE HAVE IT.

The United States Cream Separators and other Dairy Supplies

AT SPECIAL PRICES THIS SEASON.

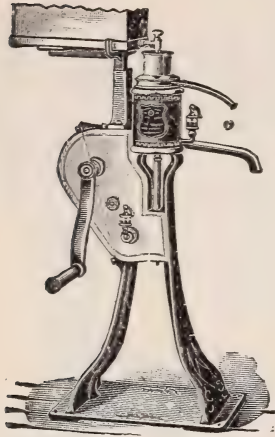
Capacities and Prices for 1904 on "New Century" Separators.

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 others 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.



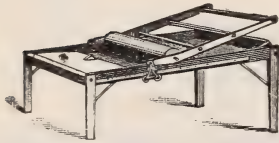
Improved U. S. Cream Separators with incased gear.

EUREKA BUTTER WORKER.

PRICE LIST.

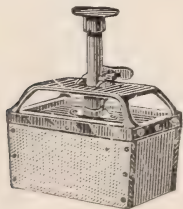
No. 1, Family size, works 8 to 12 lbs.....	\$ 6.00
No. 2, Dairy size, " 10 to 20 lbs.....	8.00
No. 3, " " 20 to 40 lbs.....	10.00
No. 4, " " 40 to 60 lbs.....	12.00

Write for special circulars.



The Norcross Churn and Butter Separator.

Household size 1 to 3 quarts.....	\$4 00	No. 1 Capacity 1 to 5 gallons.....	\$6 00
		No. 2 Capacity 4 gallons.....	\$8 00.

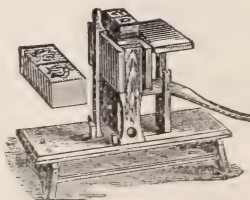


Eureka Butter Printer.

Self-gauging.

Per pound or half pound.

No. 1.....	\$4.50
No. 2.....	3 50

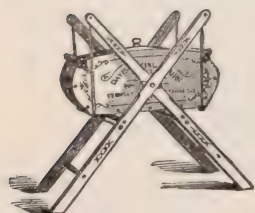


NESBITT BUTTER PRINTER.

½ lb.....	\$4.00
1 lb.....	4.50
Self-guaging	\$1.00 extra.

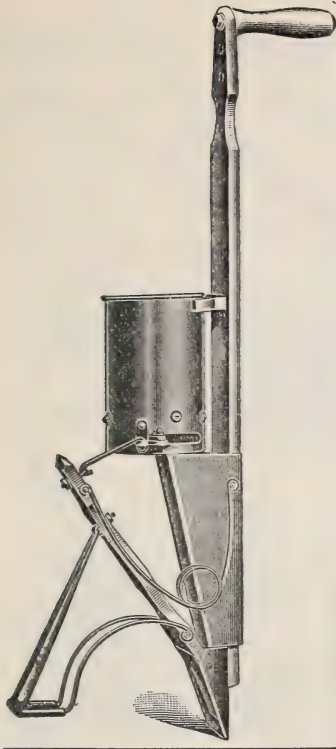
Davis Swing Churn.--Complete with Folding Frame.

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



Davis Swing Churn.

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



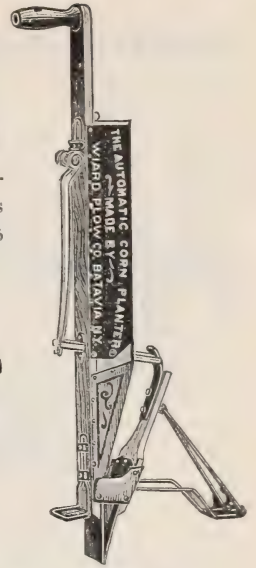
The American Standard
HAND CORN PLANTER,

The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.75

Wiard's Automatic
Hand Corn Planter

Simple, Durable, Enconomical,
None Better.

Price, \$1.75.

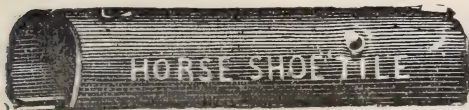


DRAIN TILE.

Following sizes of Tile always on hand :



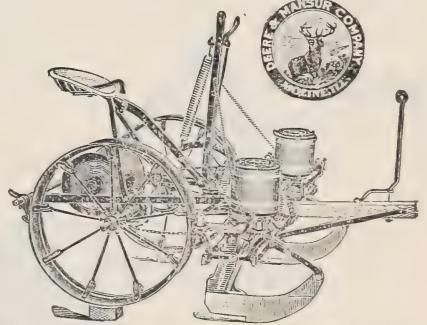
	Weight Each.	Per M.
2 inch Rise, Sole Tile	3 lbs	\$12 00
2½ " " " " "	4 " "	15 00
3 " " " " "	5 " "	20 00
4 " " " " "	7 " "	35 00
5 " " " " "	9 " "	50 00
6 " " " " "	12 " "	70 00



3½ 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 car load 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.



Two Row Deere Corn-Planter.

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 bank, and is not affected by corn-stalks or other trash. The corn is forced out of the beel in perfect check, regardless of the speed of the team, and there is no clogging of the beel.

It is always ready for either hilling or drilling, no change of the valves being necessary and no change of plates for the 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.

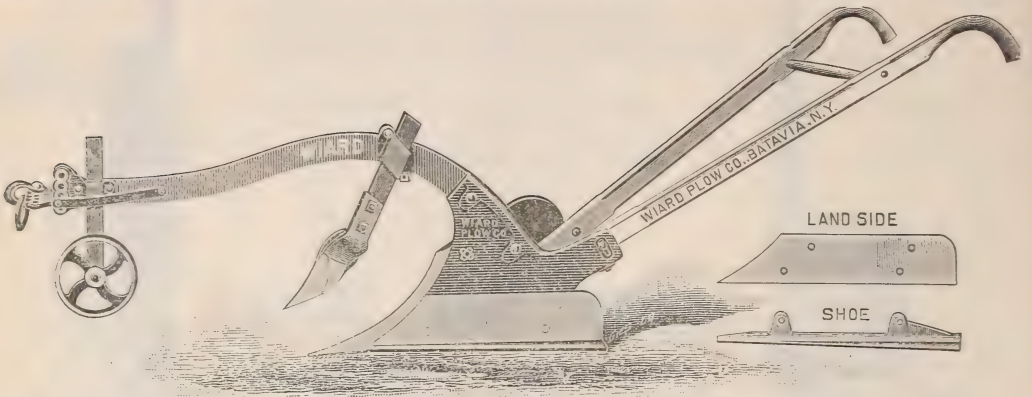
The automatic reel is simple and effective, and so situated that it need never be removed from the Planter, although it may be taken off by simply removing one spring cotter.

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

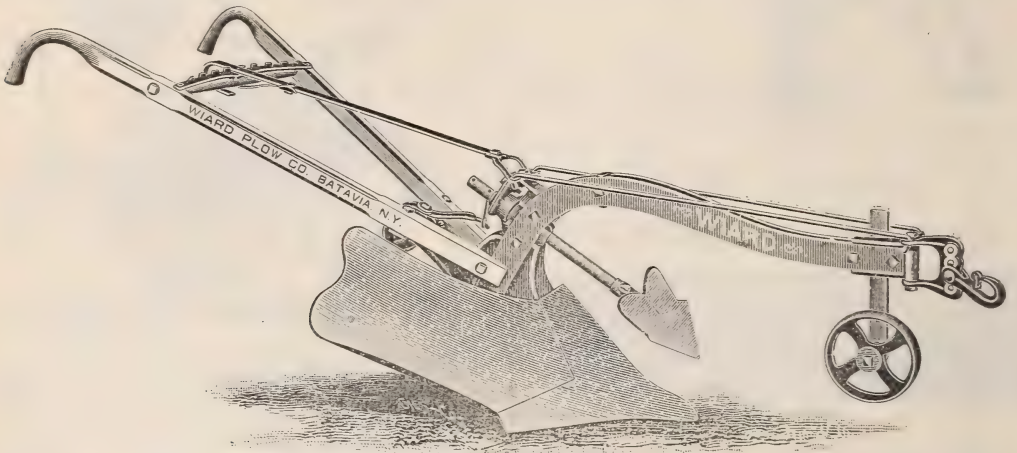
Refer to Skiff Bros., of Salina; Henry Lacy of the Third National Bank, Alden; and Frank Matty and Averill & Gregory who are using them.

WIARD STEEL AND IRON BEAM PLOWS.



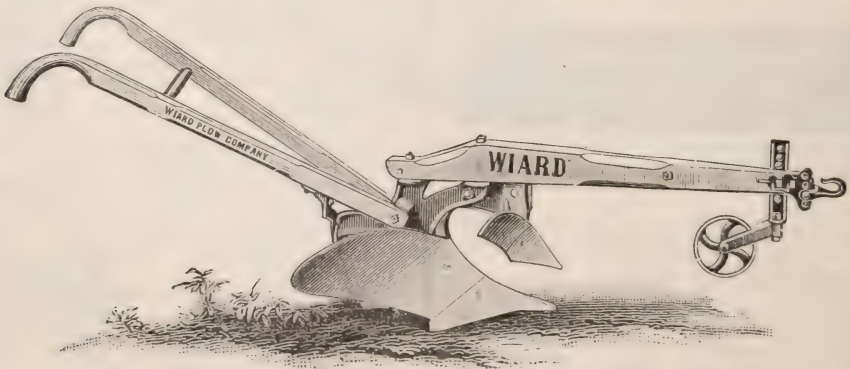
No. 9.—The Best of the Wiard Plows.

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.



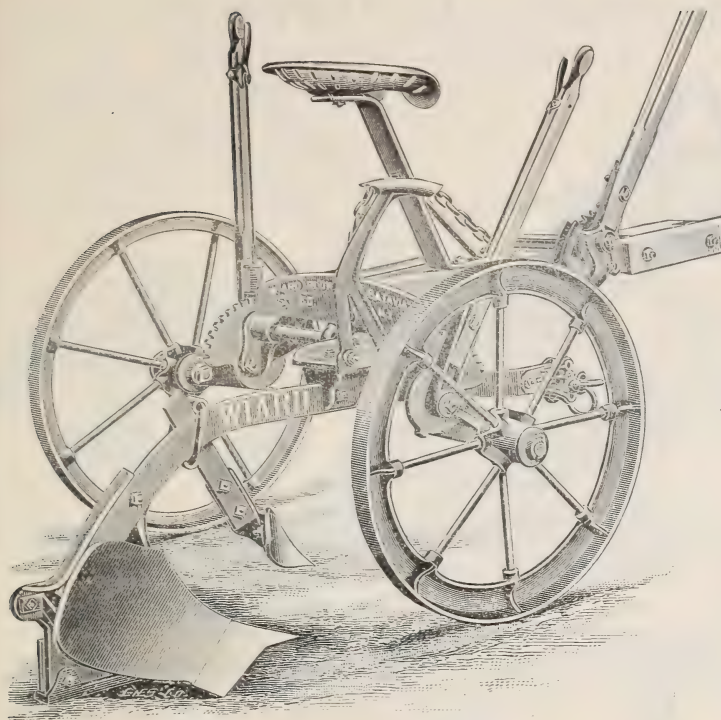
The Wiard Swivel Plow with Automatic Jointer or Coulter.

One of the best plows for hillside or flat land and for cutting roots, or use in rough or stony ground. \$13.50.



No. 10-B.—Price \$8 to \$10.

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

M. M. S. POULTRY FENCING.

These patents are owned and controlled by the
DeKalb Fence Co.,
New Haven, Conn.
DeKalb, Ill.
San Francisco, Cal.



Patented July 21, 1896.

[TRADE MARK.]

Patented July 6, 1897.

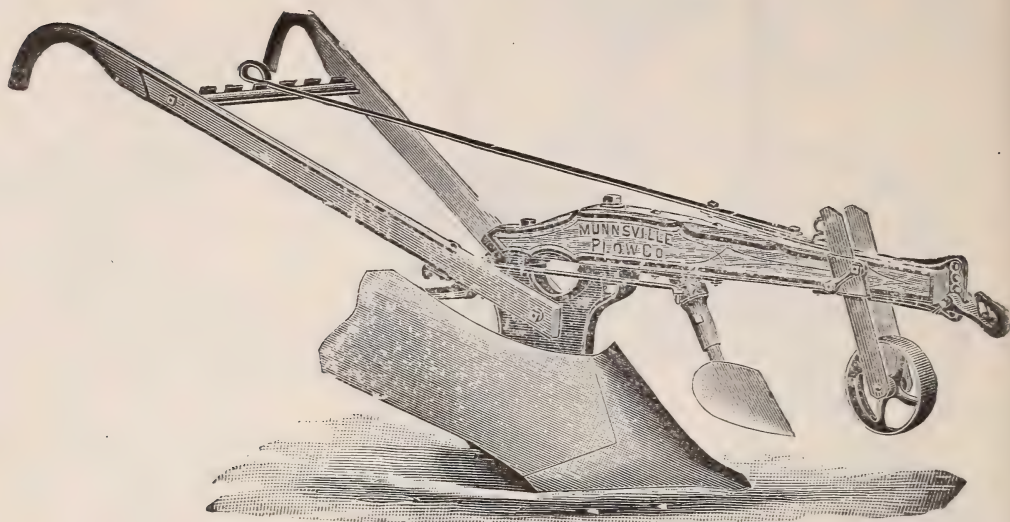
Every roll Genuine M. M. S. Fencing will
Contain this trade mark in colors.

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 1 3/4 in., second foot 2 1/2 in., and 3 1/2 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.

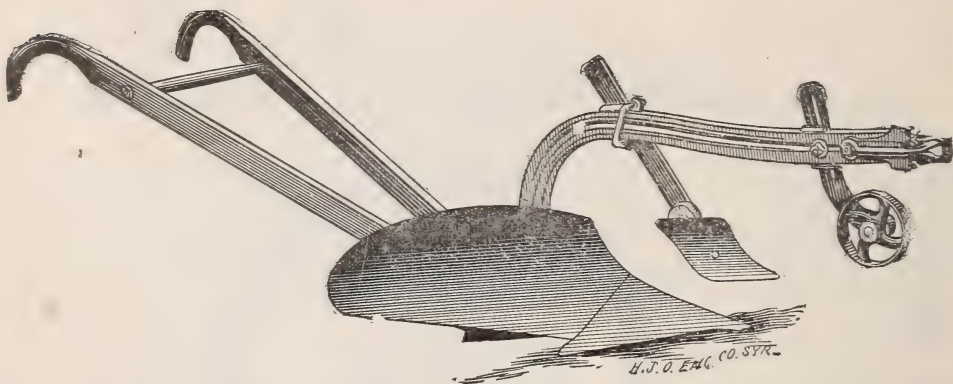
12 inches high, 165 feet long,	□	\$1.30 per bale	48 inches high, 165 feet long	\$3.25 per bale
18 "	"	1.60 "	61 "	3.85 "
24 "	"	2.00 "	72 "	4.35 "
30 "	"	2.35 "	84 "	4.95 "
36 "	"	2.65 "		

MUNNSVILLE PLOWS.

No. 95. "A Good One."



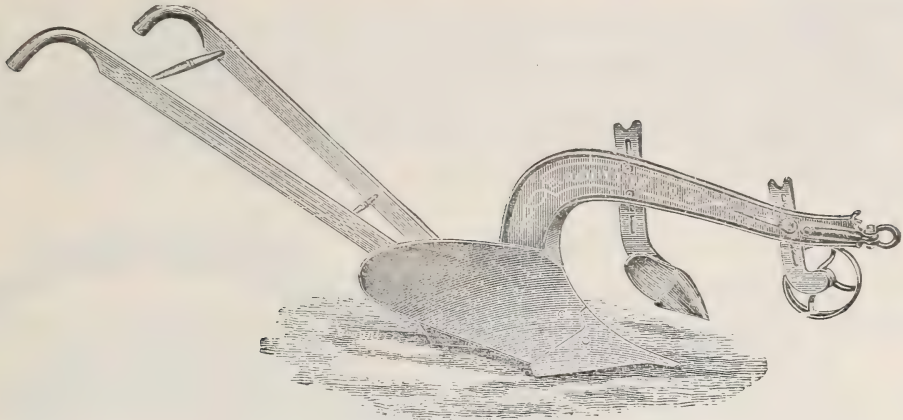
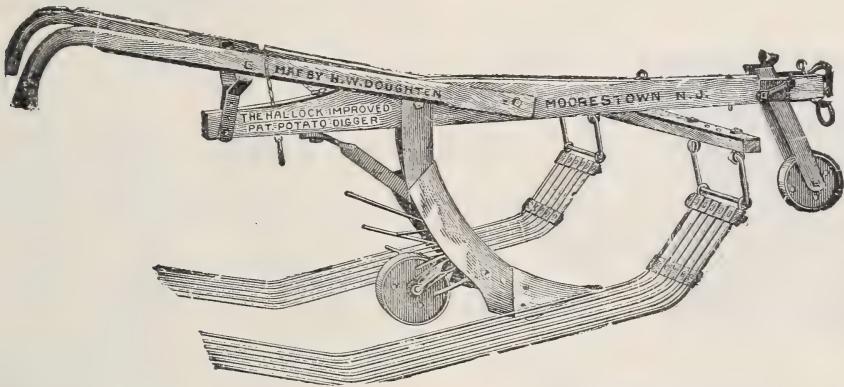
This New Reversible Plow is one of the best on the market and will be sold on its merits.
 Price \$13.50. Call and See It.

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 Plain Chilled. \$9.00 Steel.

DUTTON IRON BEAM No. 2. Price \$10.00**HALLOCK'S POTATO DIGGER. Price \$15.00**

Refer to Col. A. C. Chase Farms, South Onondaga ; A. C. Garrett, Green Point ; Loren Palk, No, 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 ; Asylum for Feeble Minded Children ; E. A. Coville, Split Rock ; John Oley, Pompey ; E. Benschotten, Onondaga Valley, and many others who use these diggers.

READ WHAT MR. LITTLEBOY SAYS REGARDING THIS DIGGER.

MR. F. H. EBELING,

Syracuse, N. Y.

Dear Sir ;—I bought a Hallock Potato Digger of you last year and it paid for itself the first season—a wet season at that. This year I dug my own potatoes and earned over \$32.00 by digging for my neighbors. Can use this where the Hoover will not do good work. Have dug potatoes as fast as fifteen men could pick them up. If I could not get another, I would not sell mine for \$100.00.

(Signed) E. LITTLEBOY,

Liverpool, N. Y.

P. S.—I will be glad to verify this to any one who wishes to see me about it.



DANA'S STOCK LABELS.

FOR CATTLE, SHEEP, HOGS, Etc.

Cattle Labels 75c, doz., \$3.50 per 100
 Sheep and Hog Labels,

50c doz., \$2.50 per 100

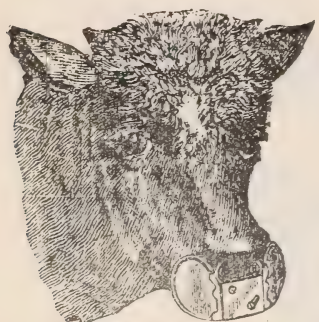
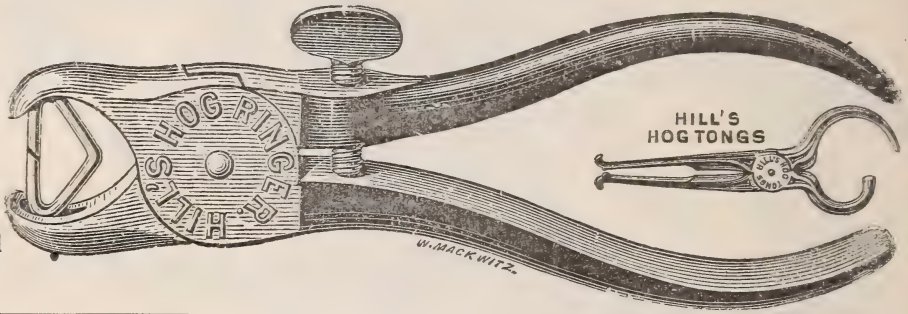
Punches for Cattle ----- \$1.50 each

“ “ Calves ----- 1.25 each

“ “ Sheep and Hogs 1.00 each



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



Rice's Calf Weaner AND Sucking Cow Muzzle.

FOR PREVENTING CALVES AND COWS SUCKING THEMSELVES OR EACH OTHER.

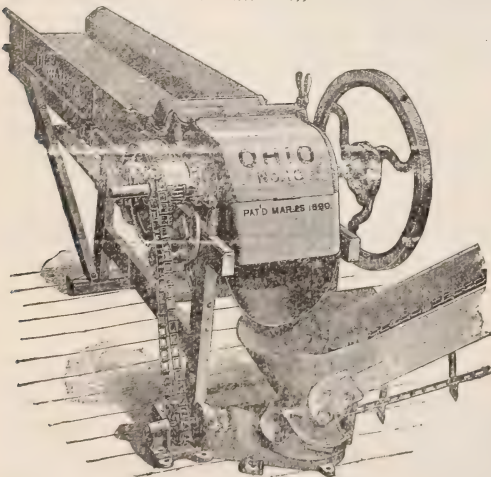
No. 1—For Calves till 1 year old, 30c, by mail postpaid 35c

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

"OHIO" Self-Feed Ensilage Cutter, and New Metal Strip Swivel Carrier.

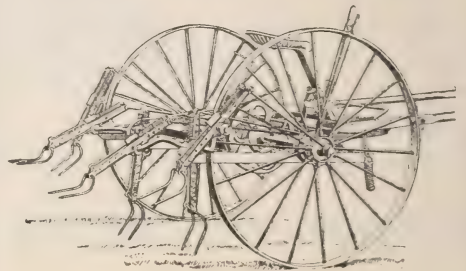
New Model for 1899.



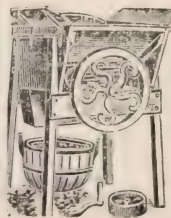
NEW MODEL FOR 1899.

We can also furnish Shredder Cylinder for the "OHIO" line Nos. 11, 13, 16, 18, 24 and 26 Cutters. Elegant illustrated catalogue free. Fully guaranteed and reasonable in price.

THE WOOD HAY TEDDER.



PRICE, \$35.00.

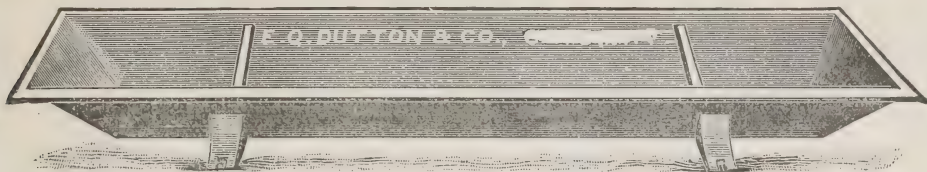


Hand and Power Root Cutter.

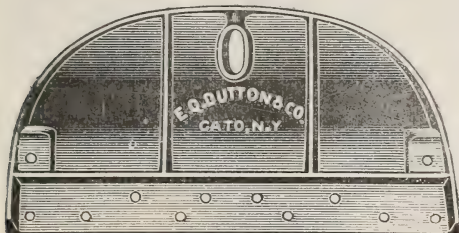
Has a Capacity of 30 to 100 Bush, per hour. One Bushel per minute has been cut as a test, many times.

Price \$8 and Upward.

STEEL AND CAST 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, 10 cents each.

\$3.00 with Syracuse Twist Drills.

Extra Drills, 25 cents 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.

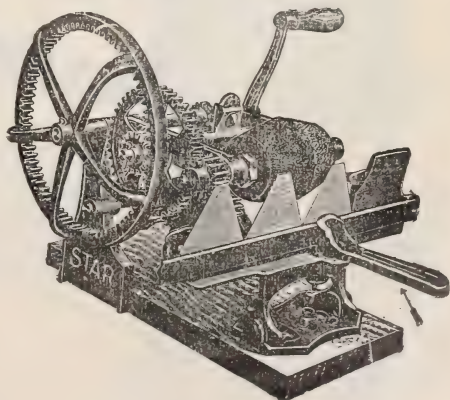
This cut shows our Sickle Grinder with the knife head clamped in the machine. The only grinder made that is adjustable for every work, long or short, wide or narrow, new or old knives, and can be adjusted to grind sections above the knife head. Guard the points by screwing down the thumb screw that the arrow is pointing to. You can grind the knife as perfectly as when it was new.

The stone oscillates or passes up and from heel to point of blade every fifth turn of handle, it positively cannot heat nor draw the temper.

The best and only grinder on the market.

PRICE, \$4.50.

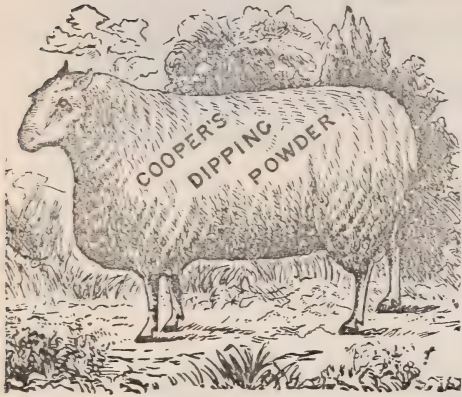
STAR SICKLE GRINDER.



HARDWARE IS NECESSARY IN ALL FAMILIES—BUY OF US.

Beautify Your Lawn by Using Our Seeds and Fertilizers.

Cooper's 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.

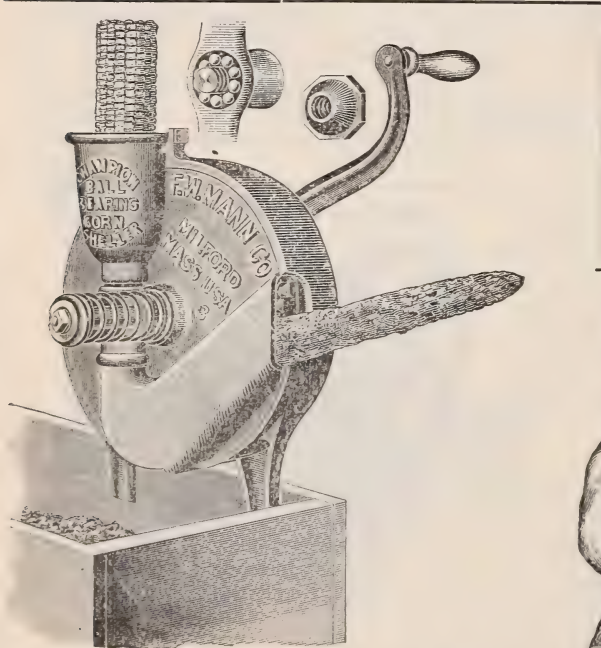
PRICE, 50 c AND \$2 00.

LAMBERT'S DEATH TO LICE.

Absolutely Kills Lice or Fleas on Poultry, Horses Cattle, Cats, Dogs, Hogs, Ticks on Sheep, Lice on Plants, Carpet Moths, Water Bugs, Protects Furs and Woolens.

ABSOLUTELY GUARANTEED.

5 ounce Box.....	10c
15 " " ".....	25
48 " " ".....	50
100 " " ".....	\$1 00



The Champion Ball-Bearing Sheller.

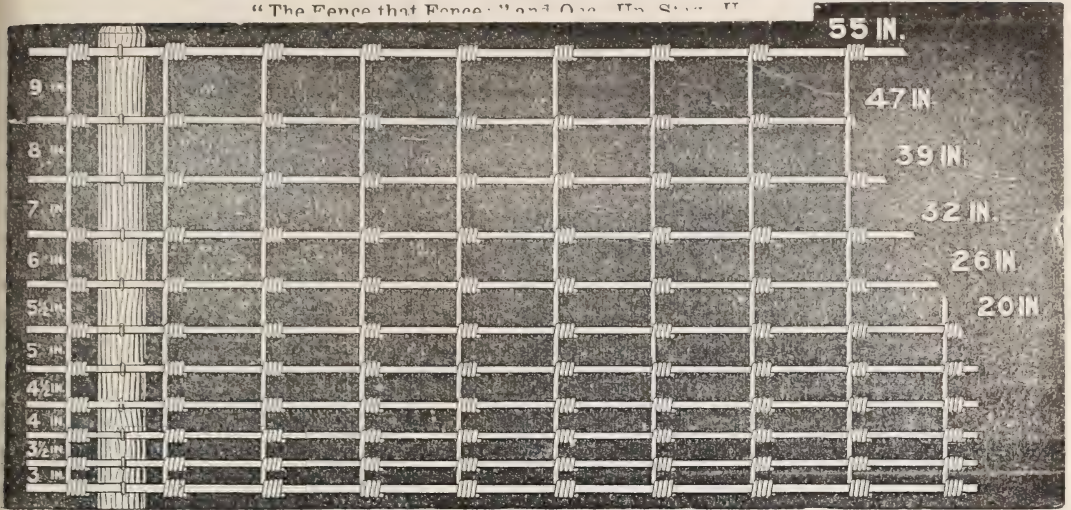
Has no equal. It is the Best and Cheapest Sheller on the Market. Price, \$2 50



Poultry Root Cutter, \$3.50

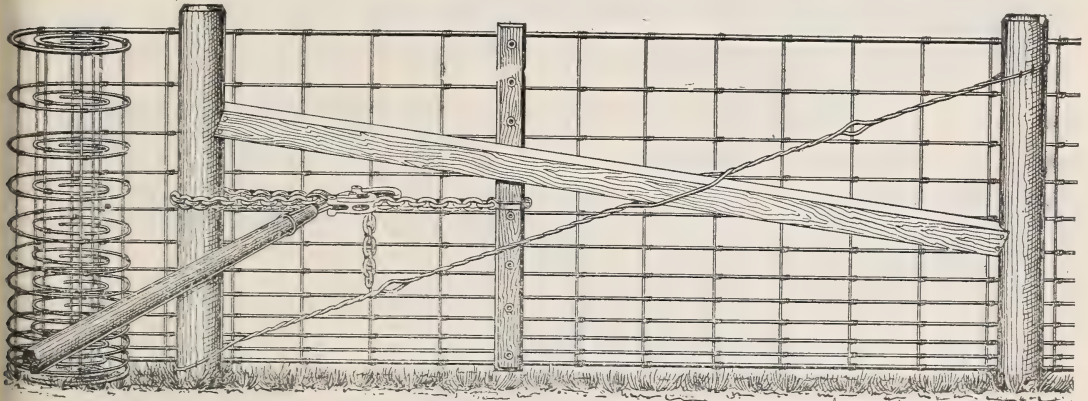
"AMERICAN" FIELD AND HOG FENCING.

"The Fence that Fence" and One Its Size II



Special Horse, Hog and Cattle Fence.

THE LOT STRETCHER FURNISHED IF DESIRED.



Showing Stretcher in Use. Catalogue and full Particulars on Application.

7-TOOLS IN ONE-7

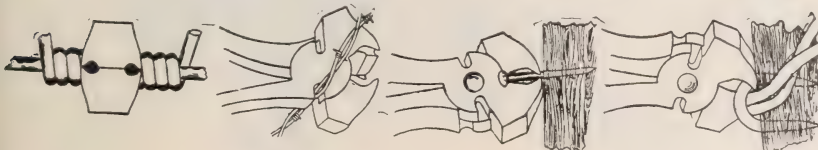
A Crack-a-Jack Seller. Price \$1.00



WANTED BY 6,000,000 FARMERS.

It takes the Place of Button Pliers.

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.

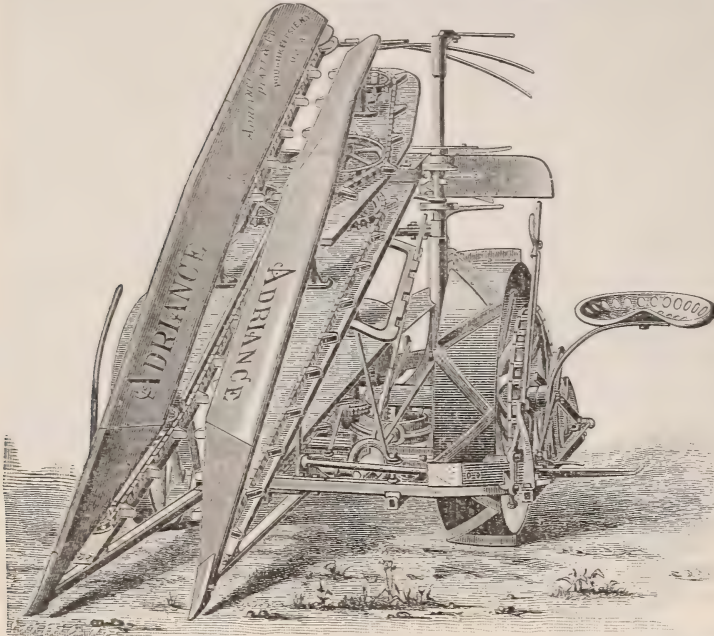


The Big Success!

BUY ONE.

ADRIANCE CORN BINDER. - - - - Chain Gear.

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



It was a great success! We swept the field of all competition, last season. These are rock bottom facts. Read the following list of names of some who bought ADRIANCE CORN BINDERS and who can tell the story better than we. When a machine will sell itself, as this has, there is a reason for it, and please do not forget that fact. Read this list of name and then go and see them.

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

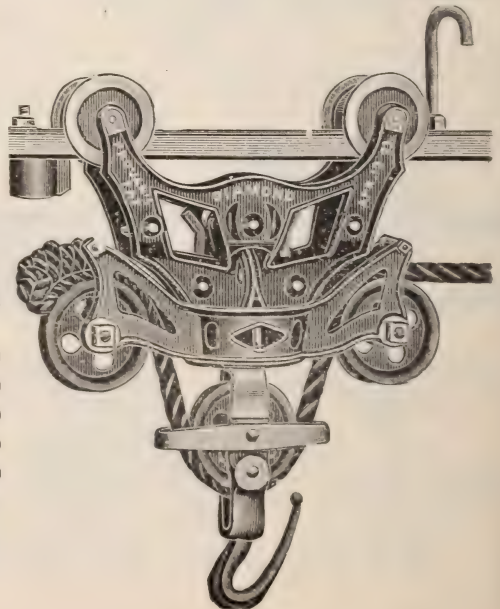
Very compact, being only about 5 feet wide, in perfect control of the

operator. Handles tangled corn. Discharges bundles clear of the machine, and is everything that a Good Corn Binder should be. Send for Catalogue Containing Full Particulars. MADE OUTSIDE THE TRUST. Following is a partial list of purchasers of Corn Binders.

John Masters, - - -	N. Syracuse, N. Y.	Jesse F. Clift,	R. F. D., Syracuse, N. Y.
M. C. Michaels, - -	" " " "	A. J. Melvin, - -	" " " "
Willard Sleeth, - -	" " " "	Skiff Bros., - -	" " " "
George W Clark, - -	E Onondaga, "	William Pichard,	" " " "
Patrick Dwyer, Jr., -	" " " "	I. H. Broadhurst, -	" " " "
J. E Davis, - - -	- Warner, "	Charles C. Pike,	" " " "
Joseph Bryant, - -	- Auburn, "	Irving VanWie, - -	" " " "
Arthur Jones, - - -	E. Syracuse, "	D. R. Overacre, - -	" " " "
Charles Hessler, - -	" " " "	Harry Pettit, R. F. D., No. 3,	" " " "

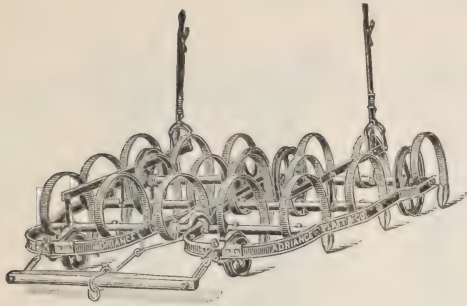
Diamond Wood or Steel Reversible Car

Is made Entirely of Malleable Iron. Light and Durable. It Runs Both Ways on the Track, without Changing. Price \$4.50.



Double Harpoon Forks.....	\$1 00
Pulleys in Wood and Iron, each.....	25c to 75c
Rope, best Manilla at lowest prices,	
Star Hay Car, steel track.....	4 50
Diamond Car, wood track.....	4 50
The Wood Hay Tedder.....	35 00
The Wiard Horse Rake.....	20 00
New Yorker Horse Rake.....	20 00

We Carry Haying Tools of All Kinds
Also Teeth for all Rakes and Tedders



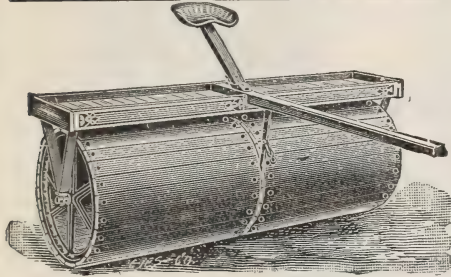
ADRIANCE HARROWS.

Spring Tooth, with Self-Setting Levers, on
Wheels, with or without Seat,
\$15 00, \$16.00, \$17.00.

Peg Tooth with Levers, Adjustable Teeth and
Strong Framing, \$13.00.

New York Disk Harrow. The Simple and
Most Durable, \$22.00.

We had a big trade on harrows last season.



LAND ROLLERS.

Hard Wood Roller, 28-inch, Two Sec-
tions-----\$17.00 to \$20.00

Steel Roller, 26-inch, Two Section,
-----\$25.00 to \$30.00

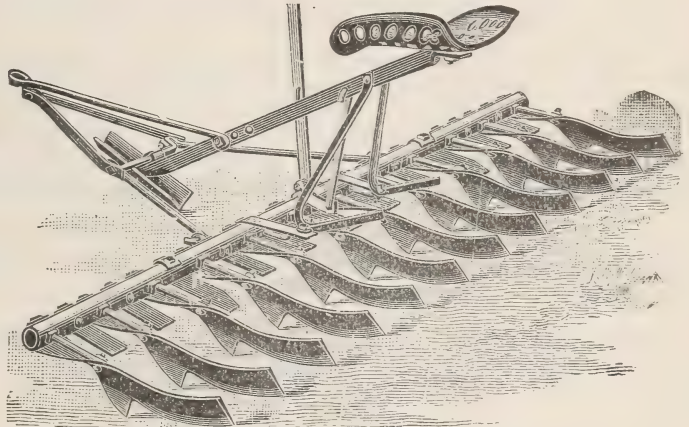
Lawn and Garden Roller----- 8.00 to 12.00

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

ACME PULVERIZING HARROW.

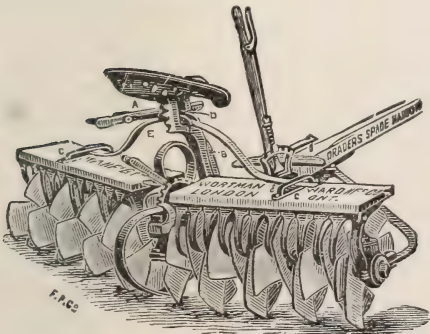
A grand implement and
a great labor saver.

PRICE \$15.00



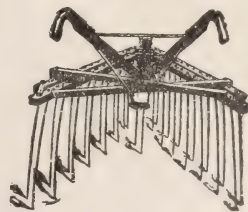
The Morgan Patent Spading Harrow.

HAS NO EQUAL.



PRICE, \$22.00.

KEYSTONE ADJUSTABLE WEEDER.

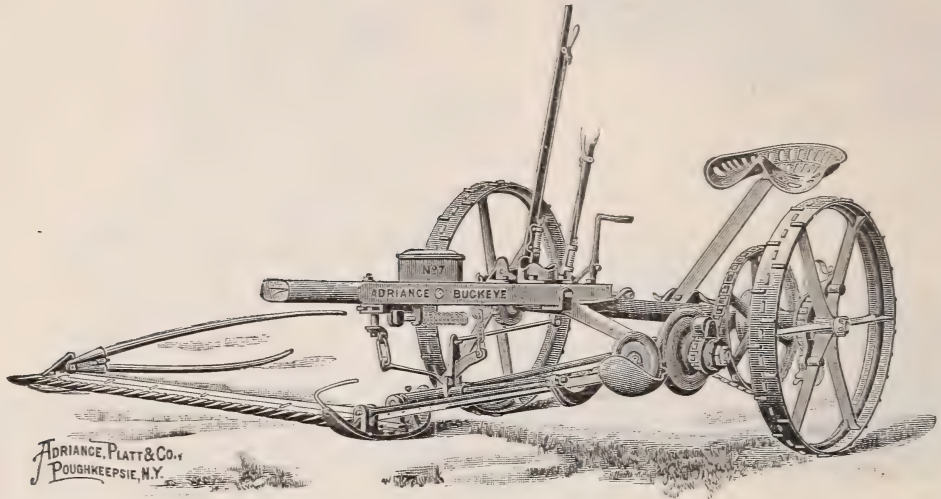


Can expand to 7½ feet and
narrow to 30 inches.

\$9.00.

Adriance Buckeye Mowers, Reapers and Binders.

"NOT IN THE TRUST."



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 'round" reaper and great for ensilage corn. The Adriance Triumph is the very highest 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 Binders last season and to whom we refer any who may need machines.

John McGough,	-	Jamesville, N. Y.	A. C. Chase,	-	Syracuse, N. Y.
Sandford D. Tilly,	-	Camillus, N. Y.	Peter Fitzpatrick,	-	LaFayette, N. Y.
A. Sanders,	-	Syracuse, N. Y.	Thurston Barker,	-	Clay, N. Y.
W. H. Valentine,	-	Jamesville, N. Y.	Skiff Bros.,	-	Syracuse, N. Y.
E. H. Fisk,	-	Syracuse, N. Y.	Martin Randall,	-	Syracuse, N. Y.
John Budlong,	-	So, Onondaga, N. Y.	Loren Taft,	-	N. Syracuse, N. Y.
B. R. Hall,	-	Syracuse, N. Y.	Charles Martin,	-	Camillus, N. Y.
Charles Brandt,	-	DeWitt, N. Y.	H. D. Denison,	-	Syracuse, N. Y.
A. Rockerfellow,	-	Syracuse, N. Y.	Royal D. Rounds,	-	Jamesville, N. Y.
Fred VanAuken,	-	Central Square, N. Y.	M. F. Billington,	-	Syracuse, N. Y.
S. C. Worden Est.,	-	Onondaga Castle, N. Y.	F. P. Hale,	-	Otisco, N. Y.
John S. Burt,	-	Jamesville, N. Y.	Edward Naughton,	-	Jamesville, N. Y.
John Comly,	-	E. Onondaga, N. Y.	M. C. Michaels,	-	N. Syracuse, N. Y.

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 develops 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 lbs. sealed bag, \$1.50. 100 lbs. 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 lb. \$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 with 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 egg basket of hatchable eggs.

POULTRY LIBRARY.

Book No. 1, Profitable Poultry Keeping in all its Branches.....	\$.50
“ “ 2, “ Care and management of Poultry,.....	.50
“ “ 3, “ Poultry Houses and Appliances,.....	.50
“ “ 4, “ Egg Farming.....	.50
“ “ 5, “ Market Poultry.....	.50
“ “ 6, Capons for profit,.....	.50

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.

THE CYPHERS NON-MOISTURE INCUBATORS.

Free On Board Cars, Syracuse, N. Y., At Factory Prices.



"By Their Fruits Ye Shall Know Them."

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 is run in competition with any incubator of a different make, it shall, in three or more hatches, bring out a larger percentage of the fertile eggs in good healthy chicks and ducklings than does its competitor.

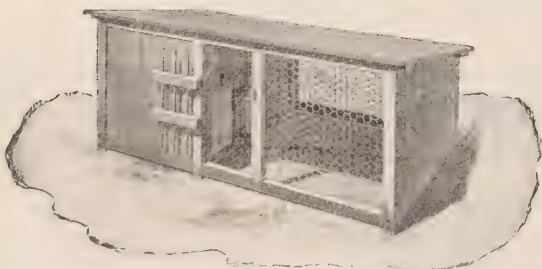
EIGHTH:—That each and every genuine Cyphers Incubator sold under registered trade mark, will do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us within 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.

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 care Syracuse, N. Y., as follows:

No. 0.	60	Hen's eggs,	48	duck's eggs	.....	\$14 00
No. 1.	120	" "	100	" "	.....	20.00
No. 2.	220	" "	190	" "	.....	29.00
No. 3.	360	" "	290	" "	.....	37.00

NEW MODEL COOPS 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 apartments, 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.

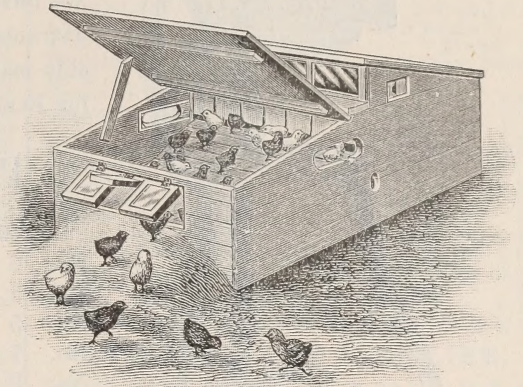
PERFECT MARKER.

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 Outdoor Brooder—Front View.

STYLE A OUTDOOR BROODER—Next to its incubator, the Cyphers Company especially prides itself on the three-apartment, Style A Outdoor Brooder it manufactures. They unhesitatingly guarantee this to be the best brooding device on the market; regardless of price, for either indoor or outdoor use. In this Brooder, with a total floor space of 36x60 inches, we have not only the double brooding arrangement, consisting of the hover and well-lighted apartment surrounding the same, but for daytime use what amounts to a separate cooler brooder, or two brooders in one.



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

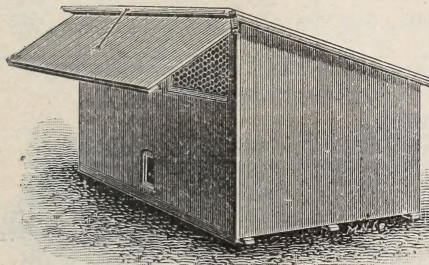
CYPHERS SECTIONAL BROODER.—These Sectional Brooders are made in three sizes, two, three and four sections. They are 38 inches wide and 11 inches high. Each section is three feet long. The materials used are the best. There are six heating pipes, substantial and lasting boilers and lamps, a safety expansion tank, adjustable floors and heavy felt hover curtains. They are the most practical and inexpensive hot water brooders ever designed for indoor use in moderate temperatures.

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	2-section, sectional.....	18.00
Style B, Indoor.....	10.00	3-section ".....	23.00
		4-section, sectional.....	28.00

If you are further interested in incubators and brooders send 10c for 196-page incubator and brooder catalogue, giving full description of the entire line of manufactures of the Cyphers Company.

COLONY HOUSES.



THE CYPHERS COLONY HOUSES OR ROOSTING COOPS are 3 x 6 feet in size, 36 in. high in front and 24 in. 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 price 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
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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.

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

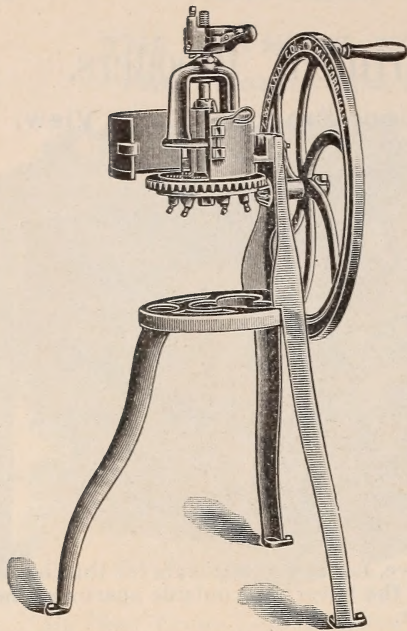
MANN'S CELEBRATED BONE CUTTERS.

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.

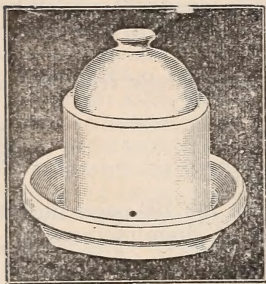
PRICE LIST OF MANN'S GREEN BONE CUTTERS.

No. 5 C	with Crank Handle	\$ 6.00
No. 5 B	with 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

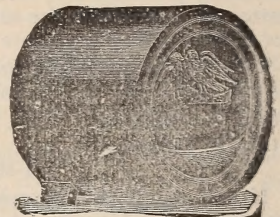
½-gallon 30c
 1-gallon...40c 2-gallon...50c



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

Easily cleaned.
 Will last a life time.

Price, - 20c, 30c, 40c, 50c



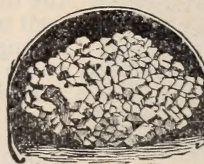
W. R. POULTRY FOUNTAINS

½-gallon 30c
 1- “ 40c
 2- “ 50c



\$2 50 per 100 pounds.

GRANITE CRYSTAL GRIT MAGNIFIED. Crystal Formation.



BEFORE.



AFTER.

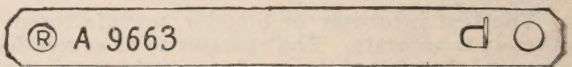
Being Acted Upon by the Gizzard.

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 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,
 20c per doz.; \$1.10 per 100
 Copper Leg Bands, ----
 20c per doz.; \$1.10 per 100



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