Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
PRICE LIST
RAFFIA, REED AND SWEET GRASS.

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

Natural........per lb. .25 per oz. 5c
Colored—in 8 shades " .65 " 10c
SWEET GRASS.... " $2 50 " 20c

Books of instruction on Raffia work and Basketry Illustrated mailed on receipt of 40c.
Mail and Express Orders given Prompt Attention.

BOOKS--IT PAYS TO READ--BOOKS.
We will send any of these books, postpaid, to any address upon receipt of prices annexed
The A. B. C. of Agriculture—60 cents.
Alfalfa, and How To Grow It—By F. D. Coburn. 75c.
Asparagus Culture—60 cents.
Gregory on Cabbages—50 cents.
Cauliflower—All About It—Paper cover to Harvest—By Charles L. All n. 50 cents
Celery Culture—By J. C. Vaughan. 75 cents
Dairy for Profit—Illustrated. 50 cents.
Concerning Lawn Planting—35 cents.
Feathered Pets—Complete Book on Birds, 50 cents.
The Practical Fruit Grower—Cloth, 60 cents
Insects and Insecticides—By Prof. C. M. Weed. $1.75
Mushroom Culture—By Wm. Falconer. 1.25
Gregory on Onion Raising—What kind to raise and how to raise them. 50 cents.
Strawberry Culturist.—By Andrew S. Fuller. Illustrated. Flex. cloth 50c

USEFUL TABLES.

<table>
<thead>
<tr>
<th>Number of Plants Produced from 1 oz. of Seed.</th>
<th>Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plants</td>
<td></td>
</tr>
<tr>
<td>Asparagus about 500</td>
<td>Kale</td>
</tr>
<tr>
<td>Broccoli</td>
<td>Leek</td>
</tr>
<tr>
<td>Cabbage</td>
<td>Lettuce</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>Pepper</td>
</tr>
<tr>
<td>Celery</td>
<td>Sage</td>
</tr>
<tr>
<td>Egg Plant</td>
<td>Tomato</td>
</tr>
<tr>
<td>Endive</td>
<td>Thyme</td>
</tr>
</tbody>
</table>

SEED SOWN PER ACRE.

<table>
<thead>
<tr>
<th>Seed Sown per Acre. Wt. per bu</th>
<th>Seed Sown per Acre. Wt. per bu</th>
<th>Seed Sown per Acre. Wt. per bu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy, 1/2 to 1/2 bu</td>
<td>44 lbs</td>
<td>Millet, 1/2 to 1/2 bu</td>
</tr>
<tr>
<td>Lucerne, or Alfalfa, 30 lbs</td>
<td>60 lbs</td>
<td>Hungarian, 1/2 to 1/2 bu</td>
</tr>
<tr>
<td>Clover, Red</td>
<td>60 lbs</td>
<td>Wheat, 2 bu</td>
</tr>
<tr>
<td>Clover, Ailske, 5 to 10 lbs</td>
<td>60 lbs</td>
<td>Buckwheat, 2 1/2 to 2 1/2 bu</td>
</tr>
<tr>
<td>Clover, Crimson, 15 lbs</td>
<td>60 lbs</td>
<td>Rye, 1 to 2 bu</td>
</tr>
<tr>
<td>Cow Peas</td>
<td>60 lbs</td>
<td>Oats, 2 to 3 bu</td>
</tr>
<tr>
<td>Red Top, 2 to 2 1/2 bu</td>
<td>44 lbs</td>
<td>Oats, Winter, 1 1/2 bu</td>
</tr>
<tr>
<td>Blue Grass, 2 bu</td>
<td>44 lbs</td>
<td>Barley, 2 bu</td>
</tr>
<tr>
<td>Orchard Grass, 2 bu</td>
<td>14 lbs</td>
<td>Flax Seed, 1 bu</td>
</tr>
<tr>
<td>Yellow Sand Clover, 15 lbs</td>
<td>60 lbs</td>
<td>Corn, 1/2 bu</td>
</tr>
<tr>
<td>White Clover, 6 to 10 lbs</td>
<td>60 lbs</td>
<td>Potatoes, 6 bu</td>
</tr>
<tr>
<td>Sweet Vernal, 1 to 1 1/2 bu</td>
<td>14 lbs</td>
<td>Sweet Corn, 1/2 bu</td>
</tr>
</tbody>
</table>

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.
Yours respectfully,  

F. H. EBELING.
IOWA GOLD MINE
ENSILAGE CORN.

The Deepest Grained, Purest Yellow Corn in Existence. The Corn that has put Thousands of Good Gold Dollars into the pockets of our farmers and dairymen.

The Iowa Gold Mine Corn is giving such eminent satisfaction that we again give it the place of honor in the corn family. It puts gold dollars in the pockets of all who use it. I can only repeat what I said about it in 1908.

This magnificent variety of corn will grow 14 feet high and mature with our field varieties. It has the largest kernel and smallest cob of any Ensilage Corn known. The grain value of this wonderful variety is about double that of the Leaming or Pride of the North with their immense cobs and small kernels. It is everything that the Pride of the North and Leaming can possibly be, with the great grain producing quality added. There you have it in a nutshell. It is the biggest milk and money producer on the American continent. We have decided to offer it this season on the ear also, as many of our farmers have expressed a desire for it. Sample ears on application.

Price, $2.00 per bushel, shelled; in bushel crates on the ear, carefully selected, $3.00.

LAUREL FARM.

Hamilton, N. Y., Nov. 11, 1909.

Mr. F. H. Ebeling:

Dear Sir—Enclosed you will find check in payment of my account with you.

The seeds again gave good satisfaction. Iowa Gold Mine Corn was especially fine. It gave an immense crop. The stalks were very thick and leaved close to the ground, and the leaves were very wide and long. There was also a great amount of ears, which were well matured. I have a round silo 18 x 24 full of the best ensilage I have ever raised. With best wishes, I am,

Yours very truly,

J. GRANT MORSE.

LUCY'S FAVORITE
DENT FIELD CORN

This variety contains the best there is in the Western Dent and Eastern Flint.

Stalks are tall, slender and contain many wide leaves. A long ear with small cob filled with large, round, dented kernels, thus combining all the good points to be found in the parent stock.

This corn was grown in Onondaga County and is thoroughly acclimated. It may be planted as late as May 25th and will ripen with our ordinary State Flint sorts.

Note what a prominent Onondaga county farmer says of it:

"I planted Lucy's Favorite Dent Corn on May 24th in well prepared ground and fairly well cultivated and cared for. This healthy and rapid growth was a source of pride and satisfaction to myself and to all that saw it. The stalks are slender, with an abundance of extra wide leaves, and attained a growth of from ten to eleven feet on the average. The corn was all ready for harvesting September 5th, if wanted for ordinary crib corn, but being such a splendid crop I allowed it to stand until September 20th for more perfect ripening.

"It yielded ninety-five bushels to the acre, with practically no soft corn at all.

"The ears are of unusual length and the cob exceedingly small. In fact, this corn is the most profitable and satisfactory of any that I have ever grown."

Price, $2.50 per bushel.
F. H. Ebeling, Seeds and Hardware.

If discontinuing your patronage has been caused by any fault on our part we will be glad to have you advise us fully. In a business as large as ours and with so much detail, while we use every precaution to prevent them, errors and mistakes are possible. We are always willing and glad to rectify and correct these in case our attention is called to them.

**THE "NORCROSS"**

**ADJUSTABLE GARDEN CULTIVATOR.**

Does the work easier and faster than any Wheel Hoe. It is adjustable and every part detachable. It works between rows, or centre tooth can be removed and straddle the row.

**Price $1.25.**

**HAND POWER FEED CUTTER**

These Feeds come in scratch and chick food form, put up in sacks as shown in cut. It is composed of the best that should go into such feed, and in correct proportions. We receive this in car load lots and guarantee price and quality.

**Ant and Roach Killer.**

Put up in a patent "Handy Blower" ready for action. This powder is non-poisonous to human beings, but fatal to most crawling household pests. By means of the "Handy Blower" (patent applied for) the Destroyer may be made to reach their breeding places.

One-fourth lb. in "Handy Blower," 25¢. Each additional; 5 lb. box, $1.75 each; 10 lb. box, $3.25 each.

We are HEADQUARTERS for everything in the Poultry Supply Line. We buy in car load lots and can supply quantity and quality, and right prices.

**SOME SPECIALLY GOOD THINGS FOR 1910.**

**EARLY WHITE OHIO POTATOES.** Something new. The very earliest of all early sorts. (See page 19.)

**CANADIAN CLUSTER OATS.** A new, fine, large Oat. Strong straw, heavy yilder. Showed remarkable yielding qualities the past season. (For particulars see page 6.)

**POULTRY AND RABBIT FENCE.** Something new. Equally good for poultry and stock. (See pages 60 and 61.)

**KOW KURE.** Invaluable to all dairymen. (See page 57.)

**IOWA GOLD MINE ENSILAGE CORN.** Farmer's friend and money maker. (Page 3.)

**CHAMPION POTATO DIGGER.** The wonderful success of 1909. We received the past season over three car loads of these. They lead all others. (See page 48.)

**NITRATE OF SODA.** For increasing the hay crop. (See page 5.)

**SANITARY MILK PAIL.** Something strictly sanitary. Unique, new and practical.

The State Inspectors have approved it. (See page 6.)

**JAPANESE OR BARNYARD MILLET** (Panicum Crac Gallii). This wonderful and valuable forage plant was introduced into this country by Prof. Brooks of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States. Pound, 25c; 3 lbs, 60c, postpaid. By express or freight, 100 lbs, $8.00. (See page 21)

**CYCLOVE ROLLER AND PULVERIZER.** A fine, new, money and labor saver. Best Roller made for all purposes.

**FARM WAGONS.** The "Bettendorf," all steel gear, complete wagon. Also farm trucks. (See page 55.)

**LEMON CUCUMBER.** Something new and good. (See page 19.)
New Burpee-Improved Bush Lima.

Earliest, largest and the best of all of all Large Limas. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green beans are larger than any Limas ever known before.

**THE BURPEE-IMPROVED** is a distinct “New Creation” and not merely an improved selection made by man. It shows a most remarkable advance and its discovery is of incalculable value to American horticulture.

It differs from the best strains of Burpee’s Bush Lima in having uniformly much larger pods, producing more beans, while both pods and beans are not only larger in size but also considerably thicker. The stiffly erect, upright bushes are more vigorous in growth, with heavier foliage. Full-grown bushes measure from twenty to thirty inches in height and twenty-four inches across the top.

**THE BURPEE-IMPROVED** produces magnificent crops of pods which measure from five to six inches long by one and one-quarter inches wide. The blossom-bearing stalks are thrown well out from the foliage and the pods are borne in what might be called “clusters” of from five to eight. As compared with Burpee’s Bush Lima both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. Even when of full size the enormous beans are of the most luscious flavor; they are thin skinned and truly delicious.

**THE BURPEE-IMPROVED** is fully eight to ten days earlier than any other large Lima, either bush or pole. This one feature alone would suffice quickly to make it the most popular of all large Limas. We have tested all varieties—both bush and pole—and know whereof we speak.

**THE BURPEE-IMPROVED BUSH LIMA** will outyield Burpee’s Bush Lima by fully one-third. This greater yield is due to the increased size of both pod and beans, and they are pure white.

Per pkt, 10; per 1-2 pint, 25¢; per pint, 40¢; per quart, 75¢; per 1 8 bushel, $2.00.

---

**GERMAN WINTER RYE---IMPORTED FROM GERMANY.**

This remarkable rye grows to unusual height. The straw is heavy, very tall and produces about double that of the ordinary kind. The kernels are fully a third larger and of remarkable vitality. Mr. Charles M. Crouse sowed a field of the rye on the David Harum farm, Homer, N. Y., just before the winter set in and produced a remarkable crop of straw and rye. We claim for it wonderful vitality, **BIGNESS OF KERNEL, GREATER production of STRAW and GRAIN**—in short, a rye that will produce almost double over the ordinary kind.

**PRICE,** $3.50 per bushel.

---

**Nitrate of Soda Makes GIANT HAY CROPS.**

An average increase of 2775 pounds per acre of field cured hay was shown in 11 actual tests where Nitrate of Soda was used. Tests were made from Nova Scotia to Missouri, and only 100 pounds of Nitrate of Soda was used per acre. Compare increase with cost of this great fertilizer. Compare fields shown in above actual reproduced photograph. Nitrate of Soda is best and cheapest Nitrogenous fertilizer with which to furnish nitrogen to plants.

Price per 100, $3.85.

**“GRASS GROWING FOR PROFIT,”**

And other valuable information about **NITRATE OF SODA** and what it is doing for farmers everywhere will be mailed free to farmers on application. Send address on post card.
CANADIAN CLUSTER OATS.

This wonderful variety was imported by us several years ago and has proven itself to be the most valuable and best of all the sorts we have introduced in recent years, in fact, so much so that we have placed the Canadian Cluster Oats at the head of all Oats for their real money value to the farmer. We have secured a large crop for seed which were grown in this county and which yielded heavily and weighed 37 pounds to the measured bushel. For a season like that of 1909 this is most remarkable and shows its robust strength and big commercial value.

Straw 4 to 5 feet tall, many heads 8 to 11 inches, do not rust, stand up well, plump meats. The great root development is one of the characteristics of the Canadian Cluster which enables the plant to resist the drought better than any other variety tested. Straw is coarse and is noted for its stiffness and power to withstand lodging. The following are some of the reasons why these Oats are the best: They are of the heaviest, 36 to 40 pounds per measured bushel. Stiffness of the straw, pure white heads large, upright and bushy. Thin hull, nearly all meat. Will yield eighty bushels to the acre.

Price $1.50 per bushel.

BEARDLESS BARLEY.

It is a fine yielder, strong growth of straw without the objectionable beards, which gives it a superior feeding value. These features make it the best and most profitable Barley known. It was introduced by us several years ago, and has proved to be very popular.

Price $1.50 per bushel.

SANITARY MILK PAIL.

The most practical Sanitary Milk Pail on the market.

Prevents 90 per cent. of the dirt that would naturally fall into an open pail from coming in contact with the milk, and the small amount of dirt that falls in the receiving funnel is caught in the lower part of the receivable cup which contains the strainer, thus preventing any dirt from passing into the pail.

It is easy to milk into, will not spatter, is easy to clean.

The pail and cover are made of the best quality charcoal tin, and all seams are soldered smooth on the outside and inside. It is strictly sanitary in every sense of the word.

$1.25 each. Special price in dozen lots.
The use of Farmogerm High Bred Nitrogen Gathering Bacteria on the seeds of peas, beans, clovers, alfalfa and all other legumes means an earlier and bigger crop and a large amount of nitrates added to the soil to benefit future crops of other kinds.

Farmogerm is now used by thousands of practical farmers throughout the entire civilized world.

The best mixed stable manure contains one-half of one per cent. of nitrogen. Farmogerm will produce nodules upon roots of legumes which contain eight per cent. of nitrogen or sixteen times the amount that manure contains, and you save the labor of hauling, etc.

**FARMOGERM POINTERS.**

The fertilizing sensation of the year. Bacteria produces nodules on the roots of legumes such as peas, beans, clovers, etc. The nodules are eight per cent. pure nitrates. Bacteria make nodules; nodules mean nitrates; nitrates mean big crops. All ready to use simply by moistening the seeds before planting. Thirty dollars worth of nitrates for two dollars.

Wm. Hanna Thompson, M. D., LL. D., in Everyday’s Magazine, says: “The results reported by numerous farmers show from fifty to one hundred per cent. increase in yield of 1-oz. bags of seed bean sprouts without such preparation.”

Listed and endorsed by all the leading seedsmen of the country.

Indorsed by the following: L. B. Judson, New York College of Agriculture; E. B. Fred, Virginia Agricultural Experimental Station; Borden’s Condensed Milk Co.; Alva Agee, Pennsylvania State College; G. E. Sevey, Editor N. E. Homestead.

Prepared for clover, beans, cow peas, alfalfa, peas, soy beans, vetch, and all other legumes.

In ordering state what legumes you wish to plant. Write for 32-page booklet on Farmogerm.

Price for acre sizes, $2 per acre. Price for garden sizes, 30 cents.

---

**HEN-E-TA BONE GRITS.**

**Something to Crow About.**

No other bone needed. No other grit needed. No bone cutters needed.

**GUARANTEED ECONOMIES OF HEN-E-TA.**


Hen-e-ta Bone Grits contain about 30 per cent. pure bone ash, made digestible by baking in an oven at a temperature of 300 degrees Fahrenheit. This baking not only refines the bone ash in Hen-e-ta to the highest degree possible, making it germ free and absolutely pure, but also puts the bone ash into a condition of grittiness unequalled in sharpness and grinding qualities by any other grit on the market. Hen-e-ta is porous, and by its proper use we guarantee that you will not need any other bone of any kind, nor any other grit of any kind, nor oyster shells. The latter are positively harmful, especially to young fowl, who are killed by the free lime in the oyster shells. Hen-e-ta is: Phospho-silicate of lime plus phospho-silicate of soda, intimately combined at great heat, and made exceedingly porous, so that the gastric juices can penetrate through it. It is the best and cheapest source of bone ash on the market today. Its use saves all bone, all other grit. Oyster shells, beef scraps and charcoal. 100 lb. bag, $2.25; 50 lb. bag, $1.10.
### ASPARAGUS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per or Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barr's Mammoth</td>
<td>$10 $1.75</td>
</tr>
<tr>
<td>Palmetto</td>
<td>10 75</td>
</tr>
<tr>
<td>Conover's Colossal</td>
<td>10 75</td>
</tr>
<tr>
<td>Asparagus Roots of the</td>
<td>1 00</td>
</tr>
<tr>
<td>above varieties, per 100</td>
<td></td>
</tr>
</tbody>
</table>

Special prices for quantities.

### BEET

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per or Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bassano</td>
<td>10 75</td>
</tr>
<tr>
<td>Bastian</td>
<td>10 75</td>
</tr>
<tr>
<td>Extra Egyptian</td>
<td>10 75</td>
</tr>
<tr>
<td>Detroit Dark</td>
<td>10 90</td>
</tr>
<tr>
<td>Dewing's Blood</td>
<td>10 75</td>
</tr>
<tr>
<td>Eclipse</td>
<td>10 75</td>
</tr>
<tr>
<td>Edmand's Turn</td>
<td>10 75</td>
</tr>
<tr>
<td>Mammoth Long</td>
<td>10 35</td>
</tr>
<tr>
<td>Yellow Mang</td>
<td>10 35</td>
</tr>
<tr>
<td>Yellow Ovoid</td>
<td>10 35</td>
</tr>
<tr>
<td>Yellow Globe</td>
<td>10 35</td>
</tr>
<tr>
<td>Wilmorin's</td>
<td>10 35</td>
</tr>
<tr>
<td>New Ideal Mangel</td>
<td>10 75</td>
</tr>
</tbody>
</table>

### BEANS, (Bush) Garten Bohne

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per qt Per bu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hodson Wax</td>
<td>$40 $8.00</td>
</tr>
<tr>
<td>Golden Wax, improved</td>
<td>30 7 50</td>
</tr>
<tr>
<td>Black Wax, yellow pods</td>
<td>30 7 50</td>
</tr>
<tr>
<td>Davis' Kidney Wax</td>
<td>30 7 50</td>
</tr>
<tr>
<td>Wardwell's kidney wax</td>
<td>3 7 50</td>
</tr>
<tr>
<td>Golden Eyed Wax</td>
<td>30 7 50</td>
</tr>
<tr>
<td>Valentine Wax</td>
<td>30 7 50</td>
</tr>
<tr>
<td>Early Long Yellow, six weeks</td>
<td>25 5 00</td>
</tr>
<tr>
<td>Dwarf Horticultural</td>
<td>30 6 00</td>
</tr>
<tr>
<td>Improved Valentine</td>
<td>25 5 00</td>
</tr>
<tr>
<td>Mohawk, one of the earliest</td>
<td>30 5 00</td>
</tr>
<tr>
<td>China Red Eye</td>
<td>30 4 50</td>
</tr>
<tr>
<td>Boston Yellow Eye</td>
<td>30 5 00</td>
</tr>
<tr>
<td>Refugee Pickling Bean</td>
<td>25 6 00</td>
</tr>
<tr>
<td>White Kidney</td>
<td>20 4 00</td>
</tr>
<tr>
<td>White Marrow</td>
<td>20 4 00</td>
</tr>
<tr>
<td>White Imperial</td>
<td>20 4 00</td>
</tr>
</tbody>
</table>

### BEANS, (Pole or runners)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per qt Per bu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dreer's Cluster Golden Wax</td>
<td>$30 $8.00</td>
</tr>
<tr>
<td>Black Wax</td>
<td>30 8 00</td>
</tr>
<tr>
<td>Lazy Wife, pole</td>
<td>36 8 00</td>
</tr>
<tr>
<td>Henderson Bush Lima, large</td>
<td>30 8 00</td>
</tr>
<tr>
<td>Burpee's Improved Bush Lima</td>
<td>50 12 00</td>
</tr>
<tr>
<td>Burpee's Bush Lima</td>
<td>30 8 00</td>
</tr>
<tr>
<td>Early Jersey Lima, new</td>
<td>30 7 00</td>
</tr>
<tr>
<td>King of the Garden Lima</td>
<td>30 7 00</td>
</tr>
<tr>
<td>Cranberry, speckled or</td>
<td>30 6 00</td>
</tr>
<tr>
<td>Wren's Egg</td>
<td>30 6 00</td>
</tr>
<tr>
<td>Dutch Case Knife, white flat</td>
<td>30 6 00</td>
</tr>
<tr>
<td>Scarlet Runner</td>
<td>40 8 00</td>
</tr>
<tr>
<td>White Dutch Runner</td>
<td>40 8 00</td>
</tr>
<tr>
<td>Onondaga Pole</td>
<td>30 6 00</td>
</tr>
<tr>
<td>Broad Windsor</td>
<td>50</td>
</tr>
</tbody>
</table>

### BROCCOLI

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early, large (French)</td>
<td>$1.00 $</td>
</tr>
<tr>
<td>South Hampton</td>
<td>1.00</td>
</tr>
</tbody>
</table>

### BRUSSELS SPROUTS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dwarf, Fine French</td>
<td>20 1 75</td>
</tr>
</tbody>
</table>

### BORECOLE or KALE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Curled or Kale</td>
<td>15 75</td>
</tr>
<tr>
<td>Purple or Brown Kale</td>
<td>75 75</td>
</tr>
</tbody>
</table>

Bei uns wird Deutsch gesprochen.

TIN WORK AND REPAIRING DONE PROMPTLY.
**EARLY SPRING CABBAGE.** The earliest and best of all the first early sorts. It's hardiness fits it not only to resist the cold, but any and all unfavorable conditions.

**DANISH BALL HEAD CABBAGE.**
This is imported direct from Denmark, and is the genuine true to name variety. Have imported annually for many years, and it has given the best of satisfaction. Our seed for this season is especially fine...
THIS CUT SHOWS TRUE SHAPE OF CARROTS.

<table>
<thead>
<tr>
<th>CARROTS</th>
<th>Per on</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Early French Forcing</td>
<td>$10</td>
<td>$1.50</td>
</tr>
<tr>
<td>2. Early Horn</td>
<td>10</td>
<td>1.00</td>
</tr>
<tr>
<td>3. Danver</td>
<td>10</td>
<td>1.00</td>
</tr>
<tr>
<td>4. Chantenay</td>
<td>10</td>
<td>0.90</td>
</tr>
<tr>
<td>5. Rubicon Half Long</td>
<td>10</td>
<td>0.90</td>
</tr>
<tr>
<td>6. Saint Vallery or Point Rooted Danver</td>
<td>10</td>
<td>0.90</td>
</tr>
<tr>
<td>7. Large White Vosges</td>
<td>10</td>
<td>0.75</td>
</tr>
<tr>
<td>8. Half Long Pointed</td>
<td>10</td>
<td>0.75</td>
</tr>
<tr>
<td>9. Altringham</td>
<td>10</td>
<td>0.75</td>
</tr>
<tr>
<td>10. Long</td>
<td>10</td>
<td>0.75</td>
</tr>
<tr>
<td>11. Large White Belgian</td>
<td>10</td>
<td>0.75</td>
</tr>
<tr>
<td>Mauve Large</td>
<td>10</td>
<td>1.00</td>
</tr>
<tr>
<td>Oxtheart (or Guerande)</td>
<td>10</td>
<td>0.75</td>
</tr>
</tbody>
</table>

Names of a few gardeners who have dealt with this house continuously from 25 to 40 years.

<table>
<thead>
<tr>
<th>Name</th>
<th>Years</th>
<th>Name</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles B. Day, Waterloo</td>
<td>26</td>
<td>Henry O’Neil,</td>
<td>26</td>
</tr>
<tr>
<td>J. N. Rose, Syracuse</td>
<td>41</td>
<td>John Butler, Onondaga Valley</td>
<td>38</td>
</tr>
<tr>
<td>B. B. Babcock, Fulton</td>
<td>33</td>
<td>A. H. Ballard, East Onondaga</td>
<td>28</td>
</tr>
<tr>
<td>Albert Wright, Syracuse</td>
<td>41</td>
<td>George Craddock, Onondaga</td>
<td>40</td>
</tr>
<tr>
<td>William Lambert, Salina</td>
<td>26</td>
<td>Henry Wright, Syracuse</td>
<td>41</td>
</tr>
</tbody>
</table>

Also hundreds of others who have dealt with us 6 to 27 years.
A FIELD OF OUR WHITE PLUME AND PARIS GOLDEN CELERY.
Grown by Sebastian Smith on Grand Avenue, This City.

**CELEYR, Selerie.**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOSTON MARKET</td>
<td>$20</td>
<td>$2.00</td>
</tr>
<tr>
<td>CRAWFORD'S HALF DWARF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dwarf Golden Heart</td>
<td>20</td>
<td>2.00</td>
</tr>
<tr>
<td>Paris Golden Self Blanching</td>
<td>40</td>
<td>5.00</td>
</tr>
<tr>
<td>Evans' Triumph</td>
<td>30</td>
<td>2.00</td>
</tr>
<tr>
<td>Giant Pascal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giant White Solid</td>
<td>50</td>
<td>4.00</td>
</tr>
<tr>
<td>White Plume</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kalamazoo White Solid Dwarf</td>
<td>20</td>
<td>2.50</td>
</tr>
<tr>
<td>New Rose</td>
<td>30</td>
<td>2.00</td>
</tr>
<tr>
<td>Perfection Heartwell</td>
<td>30</td>
<td>3.00</td>
</tr>
<tr>
<td>Sutton's Superb Pink</td>
<td>50</td>
<td>4.00</td>
</tr>
<tr>
<td>Pink Plume</td>
<td>30</td>
<td>3.00</td>
</tr>
<tr>
<td>Soup Celery</td>
<td>15</td>
<td>1.00</td>
</tr>
<tr>
<td>Chicory, Chicorir</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved Large Leaves for Greens</td>
<td>15</td>
<td>75</td>
</tr>
<tr>
<td>Large Rooted for Coffee</td>
<td>15</td>
<td>75</td>
</tr>
</tbody>
</table>

**CHICORY, Chicorir.**

| Improved Large Leaves for Greens | 15 | 75 |
| Large Rooted for Coffee          | 15 | 75 |
Price on corn subject to change without notice.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Per qt.</th>
<th>Per bu.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOLDEN BANTAM</td>
<td>Three feet high, small ear, golden creamy yellow kernels, of superb quality</td>
<td>$40</td>
<td>$60</td>
</tr>
<tr>
<td>PREMO</td>
<td>The earliest and best sweet corn in existence, early as the &quot;Early Adams.&quot;</td>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td>EARLY MONARCH</td>
<td>Very white, 12 14-rowed, large, really as early as Perry's Hybrid,</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>PEPPY RED</td>
<td>Earliest 8 row, red cob 6 inches long,</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>CORY WHITE</td>
<td>Similar to Cory Red,</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>MARBELHEAD</td>
<td>Extra early, Red Cob very fine,</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>PERRY'S HYBRID</td>
<td>Early 12-rowed, large ears, stalks of strong growth, 2 ears to the stalk,</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>BALLARD'S RED COB</td>
<td>Similar to Perry's Hybrid,</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>EARLY EVERGREEN</td>
<td>12 rows 10 days earlier than Stowells,</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>MOORE'S EARLY CONCORD</td>
<td>Large, handsome 14-rowed, fine quality,</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>ASYLUM</td>
<td>Large, fine late, very sweet,</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>EGYPTIAN</td>
<td>Large, very late, tall growing, very sweet tender, fine for canning,</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>STOWELL'S EVERGREEN</td>
<td>Extra fine quality, stalks of strong growth, 2 ears to the stalk, very sweet,</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>COUNTRY GENTLEMAN</td>
<td>A cross of the Stowell's Evergreen and No. Plus Ultra, slender and deep kernels, very productive and sweet,</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>HICOX'S IMPROVED SUGAR</td>
<td>Very fine late, large ears, popular canning variety,</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>BLACK MEXICAN</td>
<td>Medium early, 8-row, very sweet,</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>EIGHT-ROWED YELLOW</td>
<td>A very desirable field variety,</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>SMUT NOSE or KING PHILIP</td>
<td>A fine, large yielding sort,</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>EIGHT ROWED WHITE</td>
<td>Large eared, field variety, large yielding sort,</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>PRIDE OF THE NORTH</td>
<td>Ensilage variety,ripens like State corn.</td>
<td>1.50</td>
<td>2.00</td>
</tr>
<tr>
<td>LEAMING</td>
<td>Fodder corn—Ensilage variety,</td>
<td>1.50</td>
<td>2.00</td>
</tr>
<tr>
<td>&quot;SOUT&quot;</td>
<td>Fodder corn, very leafy, quick growing and fine for green fodder,</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>EVERGREEN</td>
<td>Sweet corn for fodder,</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>IOWA GOLD MONE</td>
<td>Ensilage variety. See page 3</td>
<td>2.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Per oz.</th>
<th>Per lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORN SALAD</td>
<td>Ackersalat. Large round leaved or small seeded,</td>
<td>$15</td>
<td>$75</td>
</tr>
<tr>
<td>CHERVIL</td>
<td>Gartonkerbel. Curled. Treat like parsley. A valuable flavoring herb</td>
<td>20</td>
<td>2.00</td>
</tr>
<tr>
<td>CRESS OR PEPPERGRASS</td>
<td>Kress. Fine for salads.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRESS</td>
<td>Garden curled,</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>WATER CRESS-DWARF</td>
<td>Fine curled, grows in shallow water,</td>
<td>25</td>
<td>2.50</td>
</tr>
</tbody>
</table>

Hier wird Deutsch gesprochen.
THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

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

CUCUMBER, Gurke.

Per oz Per lb

Vickery's Forcing .................................................. $ 30 $1 00
Arlington. A selection from the White Spine, but more pointed at each end. Very dark green color ........................................ Pkt 10 1 00
Cumberland, handsome green—straight, firm, solid, crisp .................................................. 10 1 00
Japanese Climbing. Very handsome, long, dark green .................................................. 10 1 50
Lemon Cucumber. A very fine acquisition to the cucumber family
See page 19 .................................................. Pkt 25 2 50
Aksarben, new, dark green .................................................. 10 1 00
Hill's Forcing Early White Spine .................................................. 10 1 00
Fordhook White Spine .................................................. 10 1 00
Green Prolific, extra early .................................................. 10 1 00
Early Russian .................................................. 10 1 00
Early Frame .................................................. 10 1 00
Early Cluster .................................................. 10 1 00
White Spine, Improved ext. stock .................................................. 10 1 00
Long Green .................................................. 10 1 00
Giants Pera, per pkt.................................................. 20
Telegraph, per doz, seed .................................................. 20
West India Gherkin .................................................. 20

EGG PLANT, Eterpfanze.

Per oz Per lb

New York Improved .................................................. $ 45 $3 00
Black Pekin, or Black Beauty .................................................. 25 3 00
ENDIVE, Endivien. "Escarole" or "Chicoree."

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

GARLIC, Knoblauch.

Sets 10 60

HERBS, See page 18.

KALE, or Borecole. See Borecole.

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

KOHL-RABI.

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

LEEK, Lauch. London, broad flag .................................................. 20 1 00
GRAND RAPIDS LETTUCE.

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

**Giant White Cos**—Large size, medium light green, is quite tall, forms a good head.

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

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

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

**New York Head**—Curled or Crisp as Iceberg, dark green heads somewhat conical.

### MUSKMELON. Melone.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoodo—New orange fleshed</td>
<td>$1.40</td>
<td></td>
</tr>
<tr>
<td>Onondaga Musk Melon—A new early, large, fine oblong, netted, green fleshed melon. A great yielder, very hardy, firm fleshed, attractive in appearance</td>
<td>10</td>
<td>1 50</td>
</tr>
<tr>
<td>Paul Rose or Petosky—Fine salmon fleshed</td>
<td>10</td>
<td>1 50</td>
</tr>
<tr>
<td>Rocky Ford—New, green flesh,</td>
<td>10</td>
<td>1 00</td>
</tr>
<tr>
<td>Miller’s Cream or Osage—Very fine, deep Salmon flesh</td>
<td>10</td>
<td>1 50</td>
</tr>
<tr>
<td>Green Citron Musk Melon</td>
<td>10</td>
<td>2 00</td>
</tr>
<tr>
<td>Surprise—Round, yellow flesh, medium size</td>
<td>10</td>
<td>1 50</td>
</tr>
<tr>
<td>Tip Top—A very fine, yellow fleshed, market melon</td>
<td>10</td>
<td>2 00</td>
</tr>
<tr>
<td>Emerald Gem—Green flesh</td>
<td>10</td>
<td>2 00</td>
</tr>
<tr>
<td>Osage—Salmon fleshed</td>
<td>10</td>
<td>2 00</td>
</tr>
<tr>
<td>Large Nutmeg or Improved Cantelope—Green flesh</td>
<td>10</td>
<td>1 25</td>
</tr>
<tr>
<td>Montreal Market Musk—Green flesh,</td>
<td>10</td>
<td>1 25</td>
</tr>
<tr>
<td>Hackensack—Very fine, green, large, attractive</td>
<td>10</td>
<td>1 25</td>
</tr>
</tbody>
</table>

### MUSHROOM SPAWN.

Mushrooms may be grown wherever the temperature of 60 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. It takes about two months to begin bearing.

Price, 30 cents per pound.

For full particulars how to grow them, see our book on Mushroom growing listed on front page inside of cover. Price $1.25

Bei uns wird Deutch gesprochen.
A field of our Yellow Globe Danver Improved Onion.

WATERMELON. Wassermelone

<table>
<thead>
<tr>
<th>Description</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sweet Heart, early, large, handsome.</td>
<td>$10</td>
<td>$75</td>
</tr>
<tr>
<td>Phinney's, Early, red flesh.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Cole's Extra, early.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Mountain Sweet, old favorite.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Black Spanish, round, dark green with red flesh.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Iceings or Ice Cream.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Green Citron, for preserves</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>MARTYNIA, for pickles.</td>
<td>40</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

NASTURTIUM. Nasturtium

<table>
<thead>
<tr>
<th>Description</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall (See Flower Seed).</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Dwarf.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>OKRA or GUMBO.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Dwarf, white.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>MUSTARD, Senf.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>White.</td>
<td>05</td>
<td>35</td>
</tr>
<tr>
<td>Brown.</td>
<td>05</td>
<td>35</td>
</tr>
</tbody>
</table>

ONION. Zwiebel

<table>
<thead>
<tr>
<th>Description.</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southport Yellow Globe</td>
<td>20</td>
<td>$2.00</td>
</tr>
<tr>
<td>Michigan Yellow Globe</td>
<td>20</td>
<td>$2.00</td>
</tr>
<tr>
<td>Ohio Yellow Globe</td>
<td>30</td>
<td>$2.00</td>
</tr>
<tr>
<td>Yellow Globe Danvers, Improved</td>
<td>20</td>
<td>1.75</td>
</tr>
<tr>
<td>Flat Danver Yellow</td>
<td>20</td>
<td>1.50</td>
</tr>
<tr>
<td>Prize Taker</td>
<td>20</td>
<td>2.00</td>
</tr>
<tr>
<td>Extra Early Red, early, flat</td>
<td>20</td>
<td>2.00</td>
</tr>
<tr>
<td>Southport, Red Globe</td>
<td>20</td>
<td>2.00</td>
</tr>
<tr>
<td>Large Red Wetherfield</td>
<td>20</td>
<td>2.50</td>
</tr>
<tr>
<td>California Early Red</td>
<td>25</td>
<td>3.00</td>
</tr>
<tr>
<td>Bolton Seed, produces the Bolton Sets.</td>
<td>25</td>
<td>3.50</td>
</tr>
<tr>
<td>White Silverskin or Portugal, for bunching.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Southport White Globe</td>
<td>30</td>
<td>2.00</td>
</tr>
<tr>
<td>Mammoth Silver King</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Bartleta or White Queen</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Small white. Fine for pickles.</td>
<td>25</td>
<td>2.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description.</th>
<th>Market Price.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bolton Yellow. White. Potato.</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

PARSLEY. Peterselia

<table>
<thead>
<tr>
<th>Description.</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Champion Moss Curled.</td>
<td>$10</td>
<td>$75</td>
</tr>
<tr>
<td>Fern Leaved.</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Extra Double Leaved.</td>
<td>10</td>
<td>75</td>
</tr>
</tbody>
</table>

PARSNIPS. Pastinake

<table>
<thead>
<tr>
<th>Description.</th>
<th>10</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long White.</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>Hollow Crown.</td>
<td>10</td>
<td>50</td>
</tr>
</tbody>
</table>

PEPPER. Pfeffer

<table>
<thead>
<tr>
<th>Description.</th>
<th>25</th>
<th>2.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese Giant.</td>
<td>50</td>
<td>5.00</td>
</tr>
<tr>
<td>Rose Mammoth, extra Bull Nose</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Bell or Bull Nose, extra large.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Ruby King, extra long.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Long Red Cayenne.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Monstrous Red, for stuffed pickles.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Celestial, new.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Red Cluster or Red Cherry.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Chili, small, for pepper sauce.</td>
<td>25</td>
<td>2.50</td>
</tr>
<tr>
<td>Birds Eye or Creole, extremely hot, small red.</td>
<td>25</td>
<td>2.50</td>
</tr>
</tbody>
</table>
PEAS. Erbeen EXTRA EARLY SORTS.

(1 quart to 100 feet of drill; 2 to 3 bushels for an acre.)

*Thomas Laxton, One of the very best early peas. More prolific than Gradus and pods nearly as large. Extra fine quality. Height 20 to 30 in. Should be in every garden. Season 53 to 55 days.

*Gradus or Prosperity, pods as large as Telephone. Early as Alaska. Extra fine quality. Height about 30 in. Grow it. Season 50 to 55 days. Alaska, very early, excellent quality. Height 30 in. Season 48 to 50 days.

*Early Wonder, better than Alaska and fully as early. Height 30 to 35 in. Season 48 to 50 days.

*Gregory's Surprise, a very early, sweet, wrinkled variety. Fine quality. Height 24 in. Season 48 to 50 days.

DWARF VARIETIES.

*American Wonder, sweet, wrinkled. Very early. About seven weeks from planting to picking. Height 10 to 12 in. Season 50 to 53 days.

*LilU Gem, a dwarf, green, wrinkled pea. Very prolific and of excellent flavor. A few days later than above. Height 16 to 18 in. Season 55 to 60 days.

*Nott's Excelsior, resembles American Wonder. A trifle taller and more prolific. A few days later. Fine quality. Season 55 to 60 days.

*Premium Gems, a week later and a few inches taller than American Wonder. Fine quality. Season 58 to 60 days.

SECOND EARLY.

*Advancer, about the same as Premium Gems. A good, sweet, wrinkled pea. Height 25 to 30 in. Season 53 to 60 days.

*Horsford's Market Garden, season about the same as Advancer, but more hardy and prolific. Good quality. Season 60 to 65 days.

*Admiral, very prolific. Quality good. Size small. Picking season short. Height 5 feet. Season 60 to 65 days.

*Ebeling's Telephone, follows Advancer. Pods very large, well filled with extra fine sweet peas. Height 4 feet. Season 68 to 70 days.

*Duke of Albany, similar to Telephone, but pods and peas darker green, holding fresh appearance longer. Season 72 to 75 days.

Lord Baltimore (sometimes called the Telegraph). This celebrated Pea very closely resembles the popular Telephone. Pods large in every way, long and broad, and contain six to nine seeds, height 4 feet. Pods a hair darker colored than Telephone and a very prolific yielder. Last year this variety produced a better crop than any other sort. Are especially popular with the English growers for marketing. Height 4 feet. Season 70 to 75 days.

*Dwarf Champion, productive, good quality. Height 25 to 30 in. Season 72 to 75 days.

LATE VARIETIES.

*Abundance, productive, good quality. Height 2 1-2 to 3 feet. Season 75 to 80 days.

*Everbearing, good quality. Height 2 1-2 to 3 feet. Season 78 to 81 days.

*Champion of England, an old favorite. Good quality. Height 4 feet. Season 78 to 80 days.

*Yorkshire Hero, good quality, large peas. Height 2 ft. Season 78 to 80 days.

*Improved Stratagem, pods large, peas extra fine quality. A fair cropp-r, yielding well under favorable conditions. Height 2 feet. Season 80 to 82 days.

*Mammoth Pooded Sugar, large, edible pods, to be broken and cooked like string beans. Height of vine 5 to 6 feet.

*Dwarf Gray Sugar, small edible pods. Very prolific. Height of vine 2 feet.

White Marrowflats, fair quality. Height 4 to 5 ft. Season 80 to 85 days.

Black Eyed Marrowflats, not quite as late as White Marrows. Similar quality. Season 75 to 80 days.

*Wrinkled varieties

POTATOES. Per bu.

White Ohio, see page 19 for description

Beauty of Hebron, early and one of the best; red and white skin, white flesh

Clarke's No. 1, rose colored; a good grower, fine table quality; a leading early potato

Early Ohio, extra early maturing about two weeks before the Early Rose; almost round; flesh solid, cooks dry and mealy; largely grown in the South for shipping to Northern markets

Early Rose, popular standard early; noted for earliness, productiveness; fine quality

Rural New Yorker No. 2, standard late, round white variety

Carmen No. 3, enormous prolific, averaging nearly a pound apiece; very uniform

Early White Albino, This wonderful new potato has crowded all other early white potatoes from the field. The tubers are of a large size for so early a potato, cooking dry and mealy, and of grand keeping quality. In late spring when other early potatoes are soft and soggy this potato remains firm, cooking dry and mealy

Early Johnson (Prt.). Early, one of the greatest later day potatoes. The tubers are of very size, cooking very dry and mealy, with an exceptionally fleshy flavor

Star of the East (Chowder). Olong in shape, large size, and a fine table potato. Vines are very vigorous and blight-resisting, and it is a very large yielder

PUMPKIN SEEDS.

Connecticut Field, per lb., 30c; per bu., $5.00

Cashew Pumpkin, fine table

Cheese Pumpkin

Mammoth Prize Pie, per pt., .50

per lb., .60
RADISH.  Radishen.  Our Seed is the very best imported.  

FRENCH STOCK.  Per oz Per lb

Iolele.  A handsome, long, pure, pure white radish.  
Roots somewhat shorter and mature a little earlier than Long White Vienna.  A most desirable white summer sort ................ $ 10  $ 75
Early Scarlet Globe, ................ 10  75
Ne Plus Ultra Deep Scarlet Turnip, forcing .... 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 Newcombe, ................ 10  75
Rosy Gem, one of the earliest forcing in cultivation, 10  75
Shape a perfect globe.  Deep scarlet top, blending into white at bottom ................ 10  1 00
French Breakfast, white tipped, ................ 10  75
Early Long Scarlet, short top, ................ 10  75
Long White Vienna or Lady Finger, excellent, 10  75
Charlier Long, white tipped, ................ 10  75
Scarlet Chinese Rose Winter, fall variety, 10  75
Round Black Spanish Winter, German favorite, 10  75
Long Black Spanish, winter, black skin, white flesh, 10  75
Giant Stuttgarn.  Fine, large, white winter, 10  75
White Giant Spanish, winter, ................ 10  75
White Strasburg, fine, solid, large, summer, 10  75
White Russian, very large, winter, 10  75
California Mammoth White, winter, 10  75

Special prices in quantities.

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

SALISIFY, or Vegetable Oyster, Booksbart.
Large White, ............................. 10  1 20
Mammoth Sandwich Island, new, ............................. 10  1 00

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

SPINACH.  Spinat.  25 lb. lots special prices.
New Zealand.  This is not a Spinach of the ordinary 
type, but a plant of branching growth.  The stems 
and leaves are soft, thick, flleshy, and of a crystal-
line appearance.  Started early in the spring, the 
plants will resist heat and make a strong growth 
during the summer.  The young branches and 
leaves can be gathered at any time and prepared 
like Spinach, ............................. 10  1 00

Early Giant Thick Leaved.  An early maturing sort, 
with large leaves of fine, deep green color, ............................. 10  40
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 flleshy.  Though not quite as 
hardy as the Prickly Winter, stands exposure well, ............................. 5  30
Round-Viroflay.  (Thick leaved.)  Has very large, 
 thick, dark green leaves; the favorite market gar-
dener's sort for fall or spring sowing, ............................. 5  30
Norfolk Savoy, or Bloomerdale.  Large curled and 
wrinkled leaves; tender, of finest flavor, ............................. 5  25
Long-Standing.  (Round, Thick-leaved.)  Dark green; 
leaves large and thick; very long-standing before 
routing to seed; the best for spring growing, ............................. 5  35
Victoria.  The foliage is heavy, the broad, dark 
green leaves being of the true Savoy appearance 
and of the finest quality; remains in prime condi-
tion from two to three weeks after all other vari-
ties have run to seed; a fine variety for spring 
sewing, ............................. 5  30
Prickly or Winter.  Vigorous and hearty, and rec-
commended for fall sowing, ............................. 5  40

SQUASH.  Kurbis.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Delicious, new</td>
<td>$ 10</td>
<td>$ 85</td>
</tr>
<tr>
<td>Golden Hubbard</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>Golden Bush Scallop</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>Early Scallop, white</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>G ant Summer, Crook-neck</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>The Faxon, very early</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>Hubbard, winter, fine stock</td>
<td>$ 10</td>
<td>$ 75</td>
</tr>
<tr>
<td>Boston Marrow, old variety, fall</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Butman, nearly like Hubbard</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>Marblehead, like Butman</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>Vegetable Marrow</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>Fordhook</td>
<td>10</td>
<td>1 00</td>
</tr>
</tbody>
</table>

TOBACCO SEED.  Tabacco Samen.

Wilson's Hybrid, ................ per oz. 50.  Haynes, ........................ per oz. 50.
CHALKS EARLY JEWEL.

*Another new variety from Livingston. This is what he says of it: “The same sort of tomato as Dwarf Champion, but the vine is of stronger growth and the fruit is double the size. It is equally early, is equally prolific. The shape of the fruit is perfect. It is very solid, ripens very evenly and is of excellent quality.”

**TOMATO.** Liebesapfel.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livingston’s Dwarf Stone</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
<tr>
<td>Early Ruby, bright scarlet</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
<tr>
<td>Matchless, large scarlet</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
<tr>
<td>Ignatius, dwarf, deep red</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
<tr>
<td>Livingston’s Beauty, pink</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
<tr>
<td>Livingston’s Magna, new</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
<tr>
<td>Livingston’s Favorite, scarlet</td>
<td>$ 1.40</td>
<td>$ 2.50</td>
</tr>
</tbody>
</table>

**TURNIP.** Steckrübe

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per oz</th>
<th>Per lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Island Improved Ruta Baga Turnip</td>
<td>10 $ 60</td>
<td>10 60</td>
</tr>
<tr>
<td>Extra Early White Milan</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Purple Top, strap leaf, flat white</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Mammoth Purple Top White Globe</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Golden Ball or Orange Jelly</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>White Norfolk, large, fine summer, globe shape</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>White Dutch, flat</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Yellow Aberdeen</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>White Sweet Wald or German</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Skirving’s Yellow Ruta Baga, purple top, very large</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Leug’s Improved Swede, white</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>Carter’s Improved Swede, yellow</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
<tr>
<td>RUTA BAGA AMERICAN PURPLE TOP TURNIP</td>
<td>10 60</td>
<td>10 $ 60</td>
</tr>
</tbody>
</table>

**SWEET HERBS.**

<table>
<thead>
<tr>
<th>Herb</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anise, seeds aromatic</td>
<td>5c</td>
</tr>
<tr>
<td>Balm, has medicinal qualities</td>
<td>5c</td>
</tr>
<tr>
<td>Baeti, sweet</td>
<td>5c</td>
</tr>
<tr>
<td>Borage, leaves used for salad</td>
<td>5c</td>
</tr>
<tr>
<td>Caraway, seeds aromatic</td>
<td>5c</td>
</tr>
<tr>
<td>Chives</td>
<td>5c</td>
</tr>
<tr>
<td>Coriander, seeds aromatic</td>
<td>5c</td>
</tr>
<tr>
<td>Dill, seeds aromatic and medicinal</td>
<td>5c</td>
</tr>
<tr>
<td>Fennel Sweet, seeds aromatic</td>
<td>5c</td>
</tr>
<tr>
<td>Horchound</td>
<td>5c</td>
</tr>
<tr>
<td>Lavender, leaves aromatic</td>
<td>5c</td>
</tr>
</tbody>
</table>

**SWEET HERBS.**

<table>
<thead>
<tr>
<th>Herb</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marjoram, leaves used in seasoning</td>
<td>5c</td>
</tr>
<tr>
<td>Mint (peppermint)</td>
<td>5c</td>
</tr>
<tr>
<td>Rosemary, aromatic</td>
<td>5c</td>
</tr>
<tr>
<td>Rue, medicinal qualities</td>
<td>5c</td>
</tr>
<tr>
<td>Saffron, medicinal qualities; also dyeing</td>
<td>5c</td>
</tr>
<tr>
<td>Sorrel</td>
<td>5c</td>
</tr>
<tr>
<td>Sage, culinary herb</td>
<td>1.40 lb</td>
</tr>
<tr>
<td>Savory Summer, culinary herb</td>
<td>5c</td>
</tr>
<tr>
<td>Tarragon or Estragon (roots)</td>
<td>5c</td>
</tr>
<tr>
<td>Thyme, culinary herb</td>
<td>5c</td>
</tr>
<tr>
<td>Wormwood, medicinal qualities</td>
<td>5c</td>
</tr>
</tbody>
</table>

WE CARRY A FULL LINE OF HARDWARE, GLASS AND PUTTY.

USE OUR SPECIAL LAWN DRESSING AND AVOID FOUL WEEDS.

Bei uns wird Deutsch gesprochen.
NEW IDEAL MANGEL.

THE WHITE EARLY OHIO POTATO.

This is the same as the good old Early Ohio, except that it is white. This feature will make it a money maker, as the market prefers the white potato every time. We have some very choice stock grown on muck especially for our trade. This is a great addition to the Early Potato family, and will be appreciated by the growers of Early Market Potatoes, and will overcome the great objection to Northern grown early sorts on account of color. Price while they last, $2.00 per bushel.

THE IDEAL SUGAR MANGEL BEET.

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

The greatest yielder; contains the highest amount of dried substance; contains the greatest amount of sugar; grows well above ground; therefore making the most valuable feeding beet known. Size, quality and yield, THESE THREE POINTS are very important and should not be overlooked.

We have only a limited quantity to offer this season. Price, 60c per pound while it lasts.

LEMON CUCUMBER.

A Novelty of Merit Tried and True.

Is nearly round, yellow and green markings, smooth skin similar to the lemon. Flesh tender, crisp, and possesses a sweetness and flavor surpassing all other cucumbers. Fruit from 2 1/2 to 3 inches in diameter and attractive in appearance. For pickling, either green or ripe, they are unexcelled. They should be used for the table just as the fruits are turning yellow Pkt. 1c. Oz. 25c.
THE AMERICAN PURE SEED CO.

Have Appointed

F. H. EBELING

As their exclusive distributor in Onondaga and Madison Counties, New York, for their Laboratory Tested Seeds.

Every package sealed by the Company and contains a certificate signed by their Agrostologist showing purity and Germination, thus assuring the purchaser of its genuineness.

A display Cabinet with bottles containing high quality seeds are now on exhibition at his store.

Weekly price lists showing value to the consumer had for the asking.

The following Booklets, which are educational and instructive, can be had by addressing F. H. Ebeling, Syracuse, N. Y.:

<table>
<thead>
<tr>
<th>Booklet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Guide to Success in Agriculture</td>
<td>Good and Bad Seeds</td>
</tr>
</tbody>
</table>

OSBORNE FARM MACHINERY.

<table>
<thead>
<tr>
<th>Category</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mowers</td>
<td>Reapers, Tedders, Hay Loaders, Horse Rakes, Disc Harrows, Peg Harrows, Grain Reapers, Lumber Wagons, Side Delivery Rakes, Kemp Manure Spreaders, Spring Tooth Harrows, Hay Rakes</td>
</tr>
</tbody>
</table>

This splendid line of Farm Machinery, made in Auburn, is being sold by us. The fact that it is made so near to Syracuse makes it more valuable to the farmer than if made at a distance. All castings and extras are carried in stock and can be obtained promptly for the full line. A large and complete line is carried at our warehouse, where all orders can be filled promptly.

"RESULTS" IS THE name of an intensely interesting booklet on "How to Use Fertilizers," with practical illustrations showing actual results accomplished in the State by farmers whose names and addresses are attached and who can be communicated with by anyone interested.

Send a postal for "RESULTS" and it will be mailed to your address.
ALFALFA

ALFALFA—We offer a fine pure native-grown Alfalfa Seed, tested by the Department at Washington.

Sow 20 to 30 pounds to the acre. Its feeding value is nearly double that of Timothy Hay, and it can be fed green or dry. Farmogerm will enable it to grow on the ordinary soils. A thorough and careful use of Farmogerm is recommended. A field of Alfalfa is a little “Gold Mine” on any farm.

Price for seed depends upon the quality based upon the present ruling market price. See page 7 for FARMGERM.

ALSIKE

This hybrid clover does well on strong clay soil and thrives especially well on moist or low land. It is the proper companion for timothy, the stout stems of the latter sustaining the slender Alsike and the mixture making the best of hay, ranking as No. 1 timothy in market. Alsike has high value, also, as a renovator of marshy land, as it drives out the sedges and other wild growths. It has no tap root but a mass of fine laterals, hence it does not winter kill by heaving. As both hay and pasture it is greatly relished by all stock. Red Top Alsike and Timothy thrive equally well together. Price varies according to quality.

PALL SEEDING

At this season the ground is warmer than the atmosphere; the gradual reduction of temperature checks root 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.

WE OFFER CLOVER, GRASS AND FIELD SEED.

Clover, Red, Amber Cane

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

SPECIAL GRASSES.

WT. PER BU. PER LB. 100 LBS.

<table>
<thead>
<tr>
<th>Grass</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromus Inermis Grass</td>
<td>$12.00</td>
</tr>
<tr>
<td>Creeping Bent</td>
<td>$15.00</td>
</tr>
<tr>
<td>Meadow Foxtail</td>
<td>$9.00</td>
</tr>
<tr>
<td>Sweet Vernal, Annual</td>
<td>$15.00</td>
</tr>
<tr>
<td>&quot; &quot; Poss. Annual</td>
<td>$11.00</td>
</tr>
</tbody>
</table>
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Special prices given for quantities on any of the above varieties.

"WE SELL HARDWARE, GLASS, GRANITE WARE, CUTLERY, ETC."
U. S. N. MARINE PAINTS FOR HOUSE PAINTING.

No. 150 VICTOR POWER MILL.
Grinds ear corn and all small grains. For small engine 2 to 4 horse power. Ball bearing, easy adjustment, light running, large capacity, strongly built. Fully guaranteed.
The Victor No. 150 will grind either ear corn or small grain to an excellent grade of feed meal. With the grain dry and in good condition will have capacity as follows on ear corn: 8 to 10 bushels per hour with 2-horse power, speed 250. 10 to 15 bushels per hour with 3 horse power, speed 300. 12 to 20 bushels per hour with 4-horse power, speed 400.
Price, $30.00.

No. 15 VICTOR POWER MILL.
For grinding corn, oats and small grain. Capacity 10 to 15 bushels per hour. Requires 4 to 6 horse power. Can be operated either with belt to pulley or from tumbling rod direct from horse power. Price, $30.00.

TRUCKS For moving barrels, bags, ash cans, etc. Can be used also as a bag holder. Saves time of one man when filling bags with grain, etc. Very handy around the stable, barn and house. Price, only $1.50.
### Key to Tools on Following Page

<table>
<thead>
<tr>
<th>No.</th>
<th>Price</th>
<th>No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Solid Shank Hoe</td>
<td>$3.00</td>
<td>58 Waters’ Tree Pruner</td>
<td>1.00 to 1.50</td>
</tr>
<tr>
<td>2 Notched Scuffle Hoe</td>
<td>1.00</td>
<td>59 Steel Trowels</td>
<td>10.00 to 50.00</td>
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<tr>
<td>3 Narrow Hoe and Rake</td>
<td>50.00</td>
<td>60 Cleves’ Angle Trowel</td>
<td>15.00 to 35.00</td>
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<tr>
<td>4 Socket Common Hoe</td>
<td>30.00</td>
<td>61 Watering Pot</td>
<td>25.00 to 75.00</td>
</tr>
<tr>
<td>5 Trowel Shape Weeding Hoe</td>
<td>75.00</td>
<td>62 Watering Pot</td>
<td>1.00</td>
</tr>
<tr>
<td>6 Onion Hoe, “double end,”</td>
<td>50.00</td>
<td>63-64-65-66 Weeders</td>
<td>15.00 to 30.00</td>
</tr>
<tr>
<td>7 Hoe and Rake, several sizes</td>
<td>25.00</td>
<td>67-68-69-70-71-72 Thermometers</td>
<td>20.00 to 1.50</td>
</tr>
<tr>
<td>8 Potato Hook, several sizes</td>
<td>40.00</td>
<td>73 Pruning Saws</td>
<td>75.00</td>
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<tr>
<td>9 Seso Weeding Hook</td>
<td>10.00</td>
<td>75-76-77-78-79-80 Grass Syringes</td>
<td>2.00 to 4.50</td>
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<tr>
<td>10 Large Plantation Hoe</td>
<td>50.00</td>
<td>80 Double Leaf Rake</td>
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<tr>
<td>11 Thistle Spud</td>
<td>50.00</td>
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<td></td>
</tr>
<tr>
<td>12 Thistle Spud for Lawns</td>
<td>50 to 75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 Pruning Shears, all kinds</td>
<td>50 to 1.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 Hedge Shears, several sizes</td>
<td>1.00 to 1.75</td>
<td></td>
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</tr>
<tr>
<td>15 Sheep and Grass Shears</td>
<td>50 to 1.50</td>
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<td>16 Border Shears with roller, or without</td>
<td>2.50 to 4.00</td>
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<td>17 Spud for Pulling Vegetables</td>
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<td>18 Dutch Hoe</td>
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<tr>
<td>19 Patent English Scuffle Hoe</td>
<td>35 to 50.00</td>
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<td>20 Onion and Celery Plow</td>
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<td>21 Tack Claw</td>
<td>15 to 25.00</td>
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<td>22 Pruning and Wood Saws</td>
<td>90.00 to 1.00</td>
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<td>23 Mattock, several sizes</td>
<td>60 to 75.00</td>
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<td>24 Transplanting Forks</td>
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<td>25 Wire Leaf Rake</td>
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<td>26 Narrow Mattock</td>
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<td>27 Tree Pruners, several styles</td>
<td>1.00 to 3.50</td>
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<td>28 Steel Trowels, all grades</td>
<td>10.00 to 60.00</td>
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<td>29 Flower Gatherer</td>
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<td>30 Lang’s Patent Weeder</td>
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<td>31 Trills, all sizes</td>
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<td>32 Double End Pruning Saw</td>
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<td>33 Bill Hook</td>
<td>1.00 to 1.50</td>
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<td>34 Garden Line and Reel</td>
<td>1.00 to 1.50</td>
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<td>35 Grape and other Scissors</td>
<td>25.00 to 1.00</td>
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<td>36 English Lawn Rake</td>
<td>75.00 to 1.25</td>
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<td>37 Whittling and Pruning Knives</td>
<td>50.00 to 1.25</td>
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<td>38-39-40 English Pruning Knives</td>
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<td>41-42 Budding and Grafting Knives</td>
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<td>43 Grafting Chisel</td>
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<td>44 English Pruning Hook</td>
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<td>45 Dibber for transplanting</td>
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<td>46 Border Knives</td>
<td>60.00 to 1.25</td>
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<td>47 Floral Sets of four pieces</td>
<td>50.00 to 75.00</td>
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<td>49 Warren Hoe very practical</td>
<td>75.00</td>
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<td>50 English and American Grass Hooks</td>
<td>25.00 to 55.00</td>
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<td>51 Steel and Malleable Garden Rakes</td>
<td>25.00 to 60.00</td>
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<td>52 English Lawn and Grass Scythe</td>
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<td>53 English and American Spades</td>
<td>50.00 to 1.50</td>
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<td>54 Latest Pattern Steel Garden Rakes</td>
<td>25.00 to 60.00</td>
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<td>55 All styles of Shovels; large and small</td>
<td>50.00 to 75.00</td>
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<td>56 Asparagus, Dock and Weed Digger</td>
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<td>57 Weeders</td>
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### MONARCH of the EAST

#### The Great Floral Curiosity.

The magnificent flowers of this remarkable plant, as shown in the illustration, actually comes out of the Dry Bulb, without its being placed in soil or water. The only treatment it requires is to simply place the large, flat, round bulb in any fancy receptacle without earth or water in a warm room on table or mantel, and within two or three weeks a most curiously formed flower 15 to 20 inches long develops, of a red-trown color tipped with red and yellow, while the inner part of the flower is equally as brilliant, entirely different from any other flower known, thriving entirely upon the nourishment contained within the bulb. After flowering the bulb should be placed in the open ground, where it throws up elegant dark green umbella shaped foliage on a stout stalk, spotted with a granite-like color, and sometime reaches a height of three feet, which itself forms a fine ornamental subject in the garden, particularly when planted in May or June in a moist or sheltered place. In the autumn the leaf fades, when water should be lessened, and as soon as it has died off the bulb should be lifted out of the soil, cleaned up and placed in a dry room in a warm room, when the previous year’s display may be repeated. The bulb grows larger from year to year with increasing foliage.

These bulbs are imported and will arrive about October first.

**Price:**

*Extra large, strong bulbs, 25¢ each, postpaid.*

#### STEEL TRAY BARROW.

The framework of this barrow is bolted together, and is fitted with a steel tray and patent wood wheel with iron hub, specially adapted for heavy work.

_PANAMA,_ $3.50. Deep Steel Tray, No. 1, $4.50.
Note Our List of Poultry Supplies on Last Page.

Buy Your Whips, Cutlery and Hardware of Us
This Tree or Hedge Pruner, being made with notched hook, will work easier than any other pruner of this style on the market. The blades are made of best tool steel. The blades of No. 13 are made from fine cutlery steel; extra heavy and extra long. Has seamless steel ferules securely fastened to handles, and riveted to blades to prevent coming loose.

Price $1.25
SELECT FLOWER SEEDS.

Abobra (Gourd) Beautiful variety of climbing gourd with elegant foliage. 5c pkt.

Abronia (Sand Verbena) Trailing, annual, sweet-scented clusters like verbena, lasting in bloom a long time; for rock-work or hanging-baskets. Height 12 inches. 5c pkt.

Abutilon (Chinese bell-flower or flowering maple) Fine flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. 10c pkt.

Acacia Half hardy shrub having ornamental foliage, beautiful shades of yellow, globular flowers. Soak seed in warm water before sowing. Height 6 to 10 ft. Mixed 10c pkt.

Aconitum (Monk’s hood or Wolfs bane) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. 5c pkt.

Acroclinium (Rock Cress) Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, one for border. Sgl. or dbl. 5c pkt.

Aldinia (White or pink perennial, 2½ ft., high, pure white double flowers, bloom from spring until frost, fine for cemetery decoration. Flowers first season if sown early.

Adlumia (Mountain fringe or Allegheny Vine) A hardy biennial climber, will resow itself year after year, feathery foliage resembling Maidens-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. 10c pkt.

Adonis Brilliant (Pheasant’s eye) Flowers Adams, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. 5c pkt.

AGERATUM (Floss Flower) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable; flower profusely the first season for conservatories. 5c pkt.

Blue Perfection Dark blue, largest flowering, fine edging. 10c pkt.

Cope’s Pet Azalee blue, fine light blue sort for edging, 10c pkt.

Dwarf Princess Pauline Beautiful, compact, sky blue, white center, very exquisite. 10c pkt.

Mexicanum Lavender blue, 1½-2 ft. 5c pkt.

Imperial Dwarf White Height 7 inches. 5c pkt.

Agrostenema (Rose of Heaven) Free blooming, hardy, perennial, blooming first season, height 1 to 2 ft. Mixed 5c pkt.

Alyssum (Mag-wort) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.

Little Gem (or Carpet of Snow) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. 5c pkt.

Sweet Alyssum Trailing flowers, white, 5c pkt.

Twin Thorn Compact, dwarf, fine for edging, white, 5c pkt. 30c oz.

Saxatile Compactum (Basket of Gold) Handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. 5c pkt. 30c oz.

Amaranthus Brilliant foliaged annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.

Brompton Foliage bright red, ends of branches carmine-red, rose and yellow. 10c pkt.

Caudatus (Love lies Bleeding) Blood red, drooping foliage, 3 ft. 5c pkt.

Salicifolius (Fountain Plant) Pyramidal, drooping habit. 5c pkt.

Sunrise Bronze Crimson to brilliant scarlet. Fine for parks and large beds, 3½ ft. 10c pkt.

Sulphurine Leaves dark green, bright sulphur yellow. 10c pkt.

Tuscan’s Pink Leaves red, yellow, and green, 3 ft. 5c pkt. 30c oz.

Ammobium (Winged Everlasting) Grandiflorum, Pretty Border, annual everlasting, flower white with yellow disc. 5c pkt.

Ampelopsis (Boston or Japanese Ivy) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.

Anemone (Windflower) Hardy, perennial, large flowers, fine for bouquets. Mixed colors. 10c pkt.

Antirrhinum (Snap Dragon) White, yellow, scarlet, each 10c pkt. mixed colors. 10c pkt.

Aquilegia (Columbine) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 5c pkt. Dbl. mixed 5c pkt.

Arabes (Rock Cress) Alpine very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.

Arctotis Grandis, Beautiful new annual, 2 to 3 ft. high, large strong pure white flower embellished with yellow center, of the easiest culture. 10c pkt.

Aristolochia Siphon (Dutchman’s Pipe) A quick growing climber with large heart shaped leaves, 5c pkt.

Armeria (Sea pink or cushion pink) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. 10c pkt.

Asparagus Plumosis Nanus Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. 25c pkt.

Sprengeri One of the best for hanging baskets or general purposes, fronds 4 ft. long. 10c pkt.

Verticillatus Graceful, hardy perennial climber, scarlet berries. 10c pkt.

Asperula Odorata (Sweet Woodruff) Fragrant leaves and stems, grown in shaded places, white flowers. 5c pkt.

Asters are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

Branching Varieties 1½-2 ft. high, very double, beautifully incurred. Crimson 10c, blue 10c, pink 10c, white 10c, rose 10c, mixed 10c.
Asters (Continued).

Branching Peony Flowered  In vigor of growth, size or bloom and other qualities this type is unequalled. Height about 18 inches, free branching habit with long stems. Crim- son 10c, blue 10c, white 10c, mixed 10c.

Comet  Beautiful with long curled petals resembling the Japanese Chrysanthemum, height 15 inches. Camelia, pink 10c, blue 10c, mixed 10c.

Giant Comet  Similar to the above but of stronger growth, 18 to 24 inches high. Pure white 10c, white and rose 10c.

Giant Branching Comet  Very strong growth, 18 inches high, branching habit, flowers of large size on long stems. 10c pkt.

Queen of the Market  The earliest flowering Aster, blooms three weeks in advance of the general run, flowers good size on long stems. Fine for cutting. Crimson 10c, pink 10c, purple 10c, white 10c, mixed 10c.

Victoria  Magnificent bedding or cutting variety, flowers large beautifully imbriated, 1-2 ft high. Scarlet 10c, purple 10c, pink 10c, white 10c.

Chinam Mixed  Very fine, all colors 5c.

Quilled Aster  Double or quilled petals, fine for bouquets. 2 ft. 5c pkt.

Crow or Cocardeau  Very showy, double white center, mixed colors, 1-1.2 ft. high 10c pkt.

Daybreak  Grand variety of symmetrical growth and habit. 18 inches high, globe shaped, double, delactable, pink tint. 15c pkt.

Dwarf Chrysanthemum  Large flowering, dwarf, double, excellent for plants and pots. Mixed 10c pkt.

Fire-Ball  Magnificent, double, brilliant, deep scarlet 10c.

Japanese or Tassel  Entirely distinct, new pyramidal shape, 18 inches high, long stems, flowers five inches across, wavy twisted, needle shaped petals, very graceful. Mixed 10c pkt.

Orange Riding the Comet  Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink 15c each.

Rose Flowered  Large double, pyramidal, height 2 ft. Mixed colors 10c.

Snow Ball  A beautiful distinct sort, short petals, pure white 10c.

Washington  Splendid, very large, double, diameter 6 inches. White 15c.

Perennial  Single, hardy. Does well in any garden soil. If grown early will flower in early season. 10c pkt.

Bachelors Buttons  (See Globe Amaranth)

Balloon Vine  (Love-in-a-Puff)  Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 5c pkt.

Balsamia (Lady Slipper)  Double, camellia flowered type, and old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high.

Prince Bismarck  Salmon, pink, double. 10c pkt. Scarlet, yellow, violet and mixed each 5c. White 10c.

Baptisia False Indigo  Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue 2-1.2 ft. 5c pkt.

Bartonia  Showy yellow flowers, very brilliant, cannot be transplanted. 5c pkt.

Begonias  Fine bedding variety, equal to geraniums, sturdy growth, 1 ft. high, forming dense bushes completely covered with flowers from May until frost. Unequaled as pot-plants for winter flowering and will remain in bloom the entire year. Easily raised from seed. Double mixed 25c, single mixed 15c.

Tuberous Rooted Begonias  Plants of great value for summer decoration or window gardening, bloom first season from seed if sown in February, transplanted as soon as weather permits, produces flowers the entire summer. Double mixed 25c, single mixed 25c.


Bellis  Double Daisy  Handsome spring flowering plant, 5 pkt.

Brachycome (or Swan River Daisy)  Dwarf, annual, profuse bloomer, pretty blue or white flowers. 5c pkt.

Calceolaria  (Lady's Slipper)  Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory.

Hybrid Grandiflora  20 inches high  Mixed, 25c.

Tigrina  Large tiger spotted brilliant colors 25c.

Calendula  (Pot Marigold)  Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.

Meteo  Large double yellow, striped with orange 5c.

Orange King  Large double orange red flowers 5c.

Pure Gold  Fine Golden Yellow 5c.

Mixed per pkt. 5c.

Pluvialis  (Cape Marigold)  White daisy-like flowers, under side of petals lilac, 5c.

Cathliop-sima (Coropesia)  Showy, free-flowering annual, blooms all summer, fine for cutting and massing. 5c pkt.

Coronata  Large yellow, fine for bedding 5c.

Golden Wave  (Drummondii)  Large golden yellow with brown center, fine for borders. 5c.

Tinctoria  Golden with garnet eyes 5c.

Nicra Species  Crimson 5c.

Campanula  (Bellflower)  Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.

Carpatica  Blue and white mixed, bloom the whole season, 6 inches 5c.

Persicifolia Grandiflora  Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed 10c.

Caryo-Flowered Vine  (Tropaeolum Canarianse)  Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded 5c.

Candytuft  (Iberis)  A great favorite, fine for cutting, looks best in beds or masses. Sow in spring, will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft.

Camomile  5c.

White 5c.
Candytuft (Continued)

Crimson 5c.
Empress A complete mass of pure white flowers 10c.
White Rocket 5c.
Lavender 5c.
Mixed colors 5c.
Perennial mixed 10c.
Canna (Indian Shot) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Mixed colors 10c.
Carnation (Calycanthema) (Carnation) Excellent for winter or summer culture. Dbl. mixed. 10c.
Cup and Saucer (Cup and Saucer) Excellent for winter or summer culture. Dbl. mixed. 5c.
Carnation (See Dianthus) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture. Dbl. mixed. 10c.
Marguerite Carnations Very popular, as they begin flowering a few weeks from time of sowing. Half hardy, strong, requiring no support, produce long, strong stems, abundant large, double beautifully fringed, highly-scented flowers.
Mixed colors 10c.
Castor Oil Bean (See Ricinus).
Cosmos (Cosmos) Annuals, flowers large, showy, effective garden favorites. Mixed 10c.
Carnations Mixed 5c.
Dwarf Mixed 25c per pkt.
Tall Mixed 25c per pkt.
Dusty Miller Fine for bedding and margins, valued for their beautiful, downy, silvery foliage, half hardy perennial; 2 ft.
Maritime Candidissima Silvery foliage 5c pkt.
Acanthophyllum (Acanthophyllum) Silvery foliage 10c pkt.
Clematis (Clematis) Rapidly growing vines for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial mixed colors. 10c pkt.
Cinnauthus (Australian Glory Pea) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.
Cobaea (Cobaea) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.
Purple 10c pkt., pure white. 10c pkt.
Cocccinea Indica (Scarlet-fruited Ivy-leaved Climber) Handsome, annual, gourd species with beautiful glossy ivy-like leaves, contrasting with the fine snow white bell-shaped flowers and bright crimson fruit. 10c pkt.
Colus (Flame Nettle) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 10c pkt.
Convolvulus (Morning glory) Climbing varieties, very popular and one of the most free-flowering, rapid-growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 10c oz. 5c pkt. Dwarf per oz. 15c. 5c pkt.
Coreopsis (See Calliopsis) A very fine hardy plant with large, showy bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 5c pkt.
Cosmos (Cosmos) Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a ft. high pinch the tops out to induce a bushy growth, 2 1/2 to 4 ft. in height.
Pink 5c.
White 5c.
Cosmos (Continued)
Mixed 5c pkt.
Dwarf 5c pkt.

Cucurbita (See Ornamental Gourd)

Cyclamen Charming plant with richly colored foliage, fragrant flowers. Great favorites for winter or spring. Sow in spring or autumn.
Persicaria Choiceest mixed. 15c pkt.
Pure white, dark red, rose each 25c pkt.

Cyperus (Umbrella Plant)

Alsterdifoilius Excellent for growing in water or damp places. Very ornamental house plant. 10c.

Cypess Vine (Iponae Quamoclit) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

White 5c pkt.
Scarlet 5c pkt.
Rose 5c pkt.
Mixed colors 5c pkt.

Dahlia One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season it sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.
Double, finest mixed 10c.
Single, finest mixed 10c.

Single Tom Thumb, dwarf, 1 ft. 10c.

Datura (Trumpet Flower) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and sgl 10c pkt.

Delphinium (Perennial Larkspur) One of the handsomest hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.

Zalii (Hardy Yellow Larkspur) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.

Fomosum Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 5c pkt.

Dianthina Large scarlet flower; 1-1.2 ft. 10c pkt. Mixed finest single 5c pkt. mixed 10c pkt.
Dianthus or Pinks A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks time they are a mass of bloom continuing until frost; 1 ft.

Double Annuals

Chinensis Fl. Pl. (China or Indian Pink). Mixed colors 10c.

Heddewigia Fl. Pl. (Japan Pink) Double mixed 10c.

Snowball Double white, fringed, very fine 5c pkt.

Imperial Fl. Pl. (Double Imperial Pink) Mixed 10c.

Salmon King A Double Poppy, finely fringed flowers of a brilliant salmon color 10c, changing as they fade to a salmony-rose; charming for beds or borders. 10c pkt.

Single Annuals

All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.

Heddewigia Nobilis (Royal Pink) Beautifully fringed, colors run from white to dark red 10c.

Heddewigia (Japan Pink) 10c.

Laciniatus Fl. Pl. (Double Fringed Pink) Large, double, showy flowers, with fringed edges and beautifully striped; mixed various colors. 5c.

Half-Century Carnation Pinks These varieties are well adapted for beds and borders; delightful, refreshing spicy odor, should be in every garden where cut flowers are wanted.

Semperflosens (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double semi-double and single in great diversity of colors, mixed colors. 25c.

Dianthus (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the greenhouse in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

Fine Double Mixed The best for garden culture 10c pkt.

Marguerite These are the most popular of carnations with the amateur, as they begin flowering within a few weeks from the time of sowing. Our strain is of semi-dwarf, robust habit requiring no artificial support, and produces on long strong stems an abundance of large double, beautiful fringed, highly scented flowers. Separate colors 10c. Mixed, all colors, Marguerite Carnation 10c.

Didiscus Very pretty annual, blooms profusely from July to November, pale lavender blossoms excellent for cutting. 15c pkt.

Digitalis (Foxglove) Handsome ornamental hardy perennial plant, easily grown, fine for shrubbery; 3 ft. Mixed colors. 10c pkt.

Dolichos (Hyacinth Bean) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental, mixed colors. 10c pkt.

Dracaena (Dragon Plant) Fine ornamental leaved plant. Mixed colors. 25c pkt.

Echinocystis (Wild Cucumber Vine) Quickest growing vine known, fine for covering trellises, fences, etc. 5c pkt.

English Daisy (Bellis Perennis) A favorite almost hardy perennial blooms from early spring until late in summer, easily raised from seed, 4 inches high. Dbl. mixed, finest quality 10c. Red, white or pink 10c.

Erigeron (Flea-bane) An attractive, aster-like flower, 1 inch across, purplish-rose with golden center, hardy perennial, blooms first year from May until frost if sown early. 20c pkt.

Eryngium (Sea Holly) Handsome ornamental, hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.

Eschscholtzia (California Poppy) Fine annual for beds, border or masses, bloom until frost; 1 ft. Sgl. mixed 5c pkt. dbl mixed 5c pkt.
Euphorbia Strong, tall-growing annual, attractive foliage. 10c pkt.

Forget-me-not (See Myosotis) 5c.

Four o'clock or Mirabilis 5c.

Fox Glove (See Digitalis)

Fuchsia (Lady's Eardrops) Well-known sort of easy culture, for house or garden, mixed colors. 25c pkt.

Gaillardia (Blanket Flower) Splendid showy annual, remarkable for profusion, size and brilliancy of flower, bloom until frost, fine for beds, borders or cutting; 1-2 ft. Mixed colors, annuals 10c pkt. Mixed colors, perennials 5c pkt.

Gericanium (Pelargonium) Double mixed, fine color 30c pkt.

Globe Amaranth (Gomphrena) Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft. mixed colors. 10c pkt.

Gloxinia A super greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.

Godeia An attractive, hardy annual, profuse, showy flowers of varied colors; 1-2 ft. Mixed colors. 10c pkt.

Gourds Ornamental (Cucurbita) Rapid-growing, annual climbers, ornamental foliage; 15 ft. 10c pkt. Mixes of colors. 5c pkt.

Grasses, Ornamental These serve the double purpose of rendering mixed flower-beds or borders attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.

Arundo Donax (Great Reed) Hardy perennial. 10c.

Briza Maxima Fine for grass bouquets. 5c.

Bromus Briziformis Graceful, drooping perennial. 5c.

Coix Lachrymae (Job's Tears) Broad, cornlike leaves, annual, 5c.

Erianthus Ravennae (Hardy Fampas) Beautiful perennial. 5c.

Gynernium Argenteum (Famous Grass) Perennial, blooms the second season. 10c.

Sisyrinchium (Feather Grass) Perennial, beautiful white, delicate begins to bloom the second season; 2 ft. 5c.

Gypsophila Pretty, free-flowering plant for rock work, edging, etc. Mixed colors. 5c pkt.

Helianthus (See Sunflower)

Helichrysum (Straw Flower) Fine, everlasting double flowers, fine for display; hardy annuals 2 ft. Mixed colors. 5c.

Heliotrope (Cherry Pie) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c.

Hibiscus (Marshmallow) Showy, perennial plant with large beautiful colored flowers; 1-2 ft. Mixed colors. 10c.

Hollyhocks One of the most majestic of hardy plants, so well known that it needs no further description.

In separate colors. 10c. Choice single mixed colors. 10c. Choice double mixed. 10c.

Honesty (Moonwort Satin Flower) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.

Humulus (Japanese Hop) Ornamental, fast-growing climber resembling the common hop. 10c.

Impatiens (Sultans or Zanzibar Balsam) Charming plant for decorating greenhouse or dinner table, producing bright, waxy looking flowers. Mixed colors. 25c.

Ippomoea Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.

Coccinea (Star Ippomoea) Small scarlet flowers 5c.

Bonna Nox (Evening Glory) Violet, large fragrant flowers, expanding in the evening. 5c.

Lavatea (Heavenly Blue) Brightly sky blue. 10c.

Grandiflora (Moon Flower) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber, 10c.

Job's Tears (Coix Lachrymae)

Kenilworth Ivy (See Lirinia)

Kochia Tricophylia or Burning Bush 10c pkt

Lady Slipper (See Calsolaria)

Lantana One of the most desirable hardy perennials, constantly in bloom, verbena-like heads of orange, white, rose and other colors; 2 to 5 ft. Mixed colors 10c.

Imperial Japanese This variety without question the handsomest of all Morning Glories. Sow in good soil as soon as weather permit, a strong vigorous climber, flowers of gigantic size, remain open most of the day. The colorings are beyond description. Choice mixture 10c.

Larkspurs (See Delphinium) One of the best known garden flowers, hardy annuals

Dwarf Rocket 1 ft. Mixed colors 10c. Dbl. mixed 10c.

Double Stock Flowered Tall branching sort; 2 ft. 5c.

Lathyrus (Everlasting or Hardy Sweet Pea) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 5c pkt.

Lavender (Lavandula Vera) Well-known, sweet-scented, hardy perennial; 3 ft. 5c pkt.

Linaria (Kenilworth Ivy) Charming small, hardy perennial, trailing plant. 10c pkt.

Linum (Scarlet Flax) A very showy bedding plant, brilliant scarlet, excellent bloomer, hardy perennial; 1 ft. 5c pkt.

Lobelia (Cardinal Flower) Popular flowering plant for pots, hanging baskets, etc. Bloom profusely from June to November, hardy perennial.

Crystal Palace Rich deep blue. 10c pkt.

Crimson, white or blue 10c pkt. Mixed colors 5c pkt.

Hardy Perennial Lobelias (Cardinal Flower) Brilliant scarlet; 3ft. 10c pkt.

Lophophorum Beautiful climbing plant, trumpet-shaped flower, 10 ft. 10c pkt.

Lupinus Ornamental free-flowering annual, various colored, pea-shaped flowers; 2 ft. 5c pkt.

Lychnis Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors 10c.

Marigold (See Tagetes also Calendula, French Varieties) An old favorite, free-flowering.

Double Yellow 10c pkt.
Marigold (Continued)

**Single Yellow** 10c pkt.

**Mixed colors** 5e pkt.

**African varieties**

**Double yellow** 10c pkt.

**Large African Tall**, double yellow; 2 ft. 5e pkt.

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

**Matricaria** ( Feverfew) Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl white 10c pkt.

**Maurandia** Beautiful, slender-growing Climber, half-hardy perennial; 10 ft. Mixed colors 10c.

**Mesembryanthemum** (Ice Plant) Dwarf trailing plant of great beauty, blooming the whole summer, half-hardy annual; 6 inches. 5e pkt.

**Miguonette** (Besaed) A popular favorite, sown in April and again in July, will keep up a succession of bloom until frost; also suitable for pots, very fragrant. (Orange) 5e pkt.

**Golden Machel** 10c.

**Miles** Spiral spikes; 8 to 10 inches long, very fragrant. 5c.

**Improved Red** 5c.

**White** Very fragrant. 5c.

**Sweet scented** Old popular variety, small spikes, very fragrant. 5c.

**Mimosas** (Sensitive Plant) A curious, interesting annual with pinkish-white flowers, leaves close and droop when touched or shaken. 5e pkt.

**Mimulus** (Musk Plant) Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. 5e pkt.

**Tigrinus** (Monkey Flower) Spotted variety. 5c.

**Moschatus** (Musk Plant) Fine for hanging baskets, small yellow flowers, fragrant foliage. 10c.

**Polemonium** This true forget-me-not, beautiful blue flower; 6 inches. 10c.

**Milibulis** (See Four o'clock) 5c pkt.

**Momordica** Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. 5c.

**Morning Glory** (See Convolvulus)

**Musa** (Bananiers) (Abyssinian Bananas) A splendid plant for open ground, producing a most striking effect when planted singly or in groups, thrives best in hot seasons, growing very large, 10 to 20 ft, especially when freely supplied with liquid manure. Seeds germinate easily if started in hot bed; tender perennial. 25c.

**Musk Plant** (See Mimulus)

**Muscotis** (For get-me-not) A pretty, small, double, aster-like flower, half-hardy perennial, blooms first year if sown early, bright blue; 6 inches. 5c.

**Nasturtium** (Tropaeolum) For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing equals this popular variety. Plant in moderately good soil well drained, sunny position, quick growing and bloom profusely until hard frost comes. Tall Climbers. Crimson 5c, Lilac 5c, yellow 5c, white 5c, purple 5c, rose 5c, mixed 5c.

**Lobb's Climbing Nasturtium** Scarlet, white, red. 5c each.

**Tom Thumb** No collection of flowers should be without Nasturtiums, they grow so freely and afford such a variety of rich bright colors. As a cut flower there is nothing more effective sweet-scented and pleasing in every way.

**Tall Varieties** mixed. 10c oz. 5e pkt.

**Dwarf** Varieties mixed. 15c oz. 5e pkt.

Our mixture of Nasturtiums is the finest in the country.

**Nasturtium Dwarf** Aurora, very fine 5c pkt, Beauty, yellow and scarlet, 5c pkt.

Bronze, 5c pkt.

Cardinal (Dark scarlet) 5c pkt.

Cloth of Gold (Light foliage) 5c pkt.

Crystal Palace dwarf, 5c pkt.

Empress of India (Dark leaves) 5c pkt.

King of Tom Thumb, 5c pkt.

King Theodore, very dark, 5c pkt.

Ruby King, 5c pkt.

Fiammulum, Grandiforum, tall. Scarlet and yellow, extra fine, 5c pkt.

**Nicotiana** (Tobacco Plant) Delightful, sweet-scented, pure white tubular flower, blooming continuously; annual; 2 to 3 ft. 5c pkt.

**Nigella** (Love in a Mist, or Devil in the Bush) A compact, free-flowering plant with curious looking flowers and seed-pods; of easy culture; hardy annual; blue and white mixed; 1 ft. 5c pkt.

**Ornamental Grasses** (See Grasses)

**Pansies** Are so well known that no description is necessary. Sow early and transplant. Our pansies are imported direct from the grower and are equal to the best that are offered. Fine mixture of leading shades and colors 10c.

**Extra choice mixture** of best large flowering varieties, 25c.

**Giant Trinaroeau Pansies**

**Fine mixed** 10c.

**Cardinal, fine scarlet, very showy** 10c.

**King of the Blacks** 10c.

**Golden Yellow** 10c

**Emperor William** 10c.

**Light Blue** 10c.

**Snow Queen** 10c.

**Pure Yellow** 10c.

**Viola or Tufted Pansies** While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June when blooms until frost. Splendid mixed colors, fine varieties. 10c.
**Passiflora** (Passion Flower) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.

**Penstemon** (Beard-Tongue) One of the most beautiful attractive herbaceous plants; bearing long graceful spikes of rich colored flowers; if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. mixed colors 10c

**Perilla** Foliage a dark purple, annual; 2 ft. 5c pkt.

**Petunia** For outdoor decoration or house culture few plants equal the Petunia. Commence flowering early and continue a mixture of bloom until killed by frost, easily cultivated, requiring a good soil and sunny position.

**Superb** double fringed. 50c.

**Double Large Flowering** fine mixture. 25c.

**Single Varieties**

**Ruffled Giant** Very large, in great variety of colors 25c

**Fringed Giant** Very fine. 35c.

**Snowball** Pure white. 10c.

**Striped and Blotched** Small flowering. 5c.

**Phlox Drummondii** Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.

**Phlox Drummondii** Mixed colors. 5c pkt.

Dwarf Phlox This strain of dwarf, compact habit, makes a desirable pot plant, also for ribbon lines and massing; 6 inches high. Scarlet, white, pink, mixed colors 10c.

**Double Phlox** Esp-pecially fine for cut flowers, lasting better than the single sorts. Sow in light soils. Mixed colors 10c.

**Star Phlox** (Star of Quebingburg) Dwarf, pretty star-shaped flower. Mixed colors 10c.

**Hardy Perennial Phlox** All colors, mixed 10c.

**Pinks** (See Dianthus)

**Poppies** An extremely popular brilliant flowering annual. Poppies should be sown where they are to flower, as they will not stand transplanting. 10c pkt.

**Single Annual Poppies** Shirley's selected strain. 10c. scarlet 5c. white 5c.

**Plume Poppy** 14 inches high, producing many large tulip-shaped scarlet flowers 10c. Single mixed 5c.

**Oriental Poppy** Perennial, exceedingly showy, scarlet with black centre. 10c pkt.

**Double Annual Poppies** Mixed colors 5c.

**Peony Flowered** Large showy, double mixed colors 5c.

**Pomponca** (Sun Plant) Fine hardy annual, of easy culture, thrives best in rather rich light sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rock work; 6 inches. Sgl. mixed 5c. Dbl. mixed 10c.

**Primula** Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants, sow from March to May. White 50c pkt. scarlet 50c pkt. pink 50c pkt. crimson yellow eye 25c pkt. mixed colors 25c pkt. Double white 50c pkt. Double mixed 50c pkt.

**Primula** (Obooncica Grandiflora) On single white, slight tinge of lilac. Everblooming. 10c pkt

**Pyrethrum** Handsome herbaceous plants of easy culture so much used for bedding edging etc.

**Aureum** (Golden Feather) Bright yellow foliage, 10c.

**Reseda** (See Mignonette)

**Rhodanthe** (SWAN RIVER EVERLASTING) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. 5c.

**Ricinus** (Caster Oil Bean) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed all colors. 5c.

**Phillippiensis** 10 ft. 5c.

**Salpiglossis** (Painted Tongue) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts 5c pkt.

**Salvia** (Flowering Sage) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sow indoors and transplanted when weather permits.

**Splendens** (Scarlet Sage) Beautiful bright scarlet. 10c pkt.

**Patens** (Blue Sage) 5c.

**Scabiosa** (Mourning Bride or Sweet Scabious) A very handsome and autumn border plant with great profusion of very double flowers. Splendid for table bouquet; hardy annual; 2 ft. Double mixed 5c pkt.

**Scarlet Runner Beans** Great favorite of England and continent of Europe, not only as an ornamental edible climber, but for the delicious edible beans which succeed the bright scarlet blossoms. 5c pkt.

**Schizanthus** (Butterfly or fringe flower) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed. 5c pkt.

**Smilax** (Mysryphylum Asparagusoides) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Sow seed in warm water for 12 hours and plant in pots. A tender perennial; white; 10 ft. 10c pkt.

**Solanium** (Jerusalem Cherry) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries 1 ft. 10c pkt.

**Snapdragon** (See Antirrhinum)

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

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

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

**German Stocks** Hail-hardy biennial, double flowers; 2 ft. Mixed colors. 10c pkt.

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

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

**American** Ormond scarlet, striped on white, large size. 5c pkt. 10c oz.

**Blanche Ferry** Extra early. The popular pink and white. Comes into flower ten days earlier than others, 5c pkt. 10c oz.

**Dorothy Eckford** The grandest, pure white; very large, producing enormous mass of blooms. 5c pkt. 10c oz.

**Gorgeous** Brilliant orange salmon. 5c pkt. 10c oz.

**King Edward VII** Bright red, giant flowering, very fine, strong stems. 5c pkt. 10c oz.

**Lily Hamilton** The finest pale lavender. 5c pkt. 10c oz.

**Lottie Eckford** White shaded lilac, white shaded, and edged lavender blue. 5c pkt. 10c oz.

**Lovely** Warm rose, pink, large and extra fine. 5c pkt. 10c oz.

**Modesty** White, with tint of pink showing a little deeper on the edges. 5c pkt. 10c oz.

**Navy Blue** Deep indigo blue, medium size. 5c pkt. 10c oz.

**Old Garden** Deep maroon, very dark maroon, fine form and large size. 5c pkt. 10c oz.

**Prima Donna** Soft pink; a magnificent rich, pure pink; very fine. 5c pkt. 10c oz.

**Prince of Wales** The finest bright rose. 5c pkt. 10c oz.

**Emily Eckford** Newly opened. Blossoms are rose purple, which soon change to rose lilac with suggestions of blue. The whole blossom matures into a decided blue. 5c pkt. 10c oz.

**Fireworks** Deep red, very dark red, very dark crimson. 5c pkt. 10c oz.

**Mrs. Eckford** Light primrose, large size, semi-hooded form, of the best type. 1c pkt. 10c oz.

**Mont Blanc** Pure white, very early, medium size. 5c pkt. 10c oz.

**Sadie Burpee** Pure white, large size, very fine. 5c pkt. 10c oz.

**Double Flowering Sweet Peas** Finest mixed colors. 5c pkt. 10c oz.

**Sweet Pea mixed Price** The finest pale lavender. 10c oz; 20c 1 lb; 60c lb. 10c oz. Our mixture of sweet peas are mixed under our personal supervision and contain all of the very best named sorts known to the trade, and we confidently offer them to most careful and critical buyers. A finer mixture cannot be found.

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

**Sweet Sultan** See Castoria.

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

**Tagetes** (See Marigolds and Calendula)

**Siam Palmia** A dwarf, compact, bushy, annual marigold with beautiful delicate fernlike leaves, densely covered with flowers of bright yellow striped brown; fine border plant 5c pkt.

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

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

**Tritoma** (Red Hot Poker Plant) Radially grown from seed. Will bloom first year if sown early. Tritomas are becoming very popular for bedding plants and cut flowers; hardy perennial; 4 ft. Vary in color from light and deep orange, salmon and carmine. 10c pkt.

**Tropaeolum** (See Nasturtium)

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

**Viola** (See Pansies)

**Vinca** (Madagascar Periwinkle or old Maid) Ornamental free-blooming plant, fine for bedding flower from seed the first season continuing until frost, or they may be potted and kept in bloom through the winter, 1 ft. Rose 10c, white 10c, mixed 5c.

**Wall Flower** (See Cheiranthus) Half-hardy perennial, 1 1-2 ft high. Mixed 5c pkt.

**Wild Cucumber** (See Echinocystis.) 5c pkt.

**Wild Flower Garden** 5c pkt.

**Zinnias** (Youth and Old Age) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. Continue to bloom early in summer, and continue until hard frost. Dwarf double white, orange scarlet, rose, etc. 5c. Tall double mixed 5c. Dwarf single mixed 5c.

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**NURSERY STOCK—ORDERS TAKEN.** Trees, Shrubs, Rose bushes, Strawberry plants. We have made arrangements with a reliable nursery firm through whom all orders will be promptly executed.
SPRING PLANTS, BULBS AND ROOTS.

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CACTUS DAHLIAS—Strahlen Kron—Intense cardinal red, long, twisted petals and profuse bloom. Earl of Pambrook, rich plum color. QUILLED DAHLIAS—A. D. Lavoula, beautiful clear pink, perfect form, one of the best. Purple Gem, flowers perfectly quilled, dark purple. DECORATIVE DAHLIAS—Blue Ban, the nearest to a blue dahlia. Marguerite Queen, large flowers of Marguerite color, double, profuse bloomer. Price, 15c each, two for 25c, $1.25 a doz.

Gladolias, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Penlies, 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 |
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Tin Foil | Flower Supports |
Green Moss | Plant Stands |
Florist Letters | Trellises |
Raffia and Reed | Shears |
Immortelles | Scissors |
Mastic | 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 |
Silkline, per spool, 30 cts. |

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. Strawberry Plants 75c per 100; Raspberry Plants $1.50 per 100. Leave orders early.

BERRY BASKETS.

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

$3.00 | $2.00 | $1.50
FLOWER TUBS $1.50 TO $4.00

FLOWER POTS, Hanging Baskets, Fern Pans, Lily Pans

TRELLISES, URNS, VASES, 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.

THE HANDHE HOLDER.

Here's the holder outside the kitchen door with the bottles ready when you come. You have just taken an empty from the left retainer and find an order under "MILK," for one pint. Behind the other bottle is a ticket telling how much cream and paying for it. Both bottles are READY and CLEAN, no dust blown in, no rain or soot, all you have to do is take the tickets and hang up your sealed bottles as ordered and your route is finished mighty early, your customers are paying in advance for tickets, your bottles are clean and don't get broken or gathered in quantities at every house.
CAPITAL LAWN TRIMMER

For trimming around walks, flower beds, trees, posts, monuments, and shrubbery, and all places that cannot be reached with any lawn mower. Cuts within one-fourth of an inch of the edge.

Has a revolving cutter with four crucible steel blades, tempered in oil and cuts six inches wide.

It has an adjustable guide wheel in front opposite the drive wheel, with an adjustable wood roller in the rear to adjust the height of cut and balance the machine, making it run steady. It will cut as high as 1 1/4 inches, and as close as one-half inch to the ground. Price, $6.00.

DUNHAM LAWN ROLLERS,
Roller Bearing,
Are infinitely superior to other rollers. They tower above all others in efficiency, being 44 per cent lighter running than any other roller on the market by actual tests. With a Dunham a boy can do the work that requires a man's strength with other rollers of the same weight.

200 lbs. $10.00 250 lbs. $12.00 300 lbs. $18.00.

FOREST CITY BALL BEARING.

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

15 inch - - $10.00 19 inch - - $12.00
17 " - - 11.00 21 " - - 13.00

HIGH WHEEL IMPERIAL.


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

IMPERIAL HORSE LAWN MOWER.

PRICE, $55.00 AND UP.
Absolutely Guaranteed to Cut Clean in turning around. Send for Catalogue.
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 greenhouse man has experienced difficulty in using putty for glazing, that is satisfactory for any length of time. Putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-lying the glass.

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

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

Price of Mastica ½ gal. 65c., gal. $1.25. We are Sole Agents for Central New York.

GARDEN AND LAWN HOSE.

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

HOSE REELS at $1.25

CLIMAX HANDY WEEDER!

CUT UP!
PULL UP! PICK UP!

PRICE 75c.

STERLINGWORTH WEED KILLER.

Sterlingworth Weed Killer is the most satisfactory and powerful weed killer, compounded especially for use on walks, drives, tennis courts, golf links, etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass, (including milk weed and witch grass), briars, burdock, dandelions, daisies, thistles, poison ivy and other objectionable vegetable growths. One application kills roots, as well as foliage, preventing further growth. It may be applied with an ordinary watering can. One gallon covers three to four square yards.

Full directions on each package.

Prices: 1 lb. package makes 10 gallons, covers 45 to 60 sq. yds., 50 cents.
3 lb. package makes 33 gallons, covers 120 to 180 sq. yds., $1.25.
5 lb. package makes 75 gallons, covers 300 to 400 sq. yds., $2.00.

THERE ARE OTHERS BUT NONE LIKE

THE PEERLESS GLAZING POINT

A new name and a new point.

CARBORUNDUM SCYTHE STONES

Do away with the grinding of a scythe altogether. They produce a clean, sharp edge and do it faster and easier than it could be done on the best grindstone ever made.

Carborundum Scythe Stones must not be classed with the ordinary scythe stones that you have been accustomed to. The old style stones are merely sandstone and are of very little use. They simply Rub the edge into shape—Carborundum CUTS it—cuts it fast and clean and puts an edge on your scythe that will be a revelation to you. Price, 25c.
LOWELL FOUNTAIN COMPRESSED SPRAYER.

Aluminum Finish.

BETTER THAN EVER.

Does not require constant pumping like other sprayers.

One charge is sufficient to expel entire contents of tank.

New Automatic Thumb Lever Valve shuts off instantly.

No packing or springs to wear out in the valve.

All working parts made of heavy brass casting.

Strongest Sprayer made. Will stand five times the air pressure necessary to operate.

Capacity of tank three gallons. Price $5.00

ROCHESTER SPRAY PUMP.

Something entirely new and which completely revolutionizes the old style sprayer. Made entirely of metal with a nozzle that will not clog.

Price $2.50

GUARANTEED TO OUTSELL AND OUTLAST ANY HAND PUMP EVER MADE.

Special attention is called to the new "Kant-Klog," the only nozzle that can be successfully cleaned without stopping the spray or removing the nozzle from the tree. The first and only nozzle ever made which gives both flat and round sprays, or solid sprays.

SPRAYING NOZZLES.


Price, 50 Cents and Upward.

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

INSECTICIDES.

<table>
<thead>
<tr>
<th>Bug Death, 15, 35, 50c</th>
<th>1.00 Whale Oil Soap and Tobacco</th>
<th>Lambert's Death-to-Lice</th>
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<tr>
<td>Kerosene Emulsion, 35, 1.00</td>
<td>1 lb. 15c; 5 lbs. 60c</td>
<td>10, 25, 50, 1.00</td>
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<td>Black Stuff Tobacco Powder, .10 Tobacco Soap per pkg, .25 and .50</td>
<td>Tobacco Stems, 2.00</td>
<td>Persian Insect Powder per lb, .50</td>
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<tr>
<td>Nicotinide, per bottle</td>
<td>.25 Tobacco Stems</td>
<td>-</td>
</tr>
<tr>
<td>Tobacco Dust, lb</td>
<td>.10 Soluble Fir Tree Oil, 50c</td>
<td>.75 Jumbo Powder Gun, .25</td>
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<tr>
<td>Sulpho Tobacco Soap, 10 and .30 Whale Oil Soap, per pkg, 5, 10, 20</td>
<td>2.00 Cooper's Sheep Dip, pkg 50,</td>
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<tr>
<td>Black Stuff, Tobacco Powd.r, Fir Tree Oil Soap, per pkg</td>
<td>.30 Eureka Fumigator, 1.25</td>
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<tr>
<td>per lb</td>
<td>.10 Eureka Weed Killer, per can</td>
<td>1.50 London Purple, per lb</td>
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<tr>
<td>Whale Oil Soap, 10, 15, 25 Weedicide, per gal</td>
<td>$1.50 Hellebore, per lb</td>
<td>.30</td>
</tr>
<tr>
<td>Whale Oil Soap in bulk</td>
<td>.60 lb Slug Shot, per lb</td>
<td>.06 Paris Green, .30</td>
</tr>
</tbody>
</table>

"BUY YOUR HARDWARE, CUTLERY, GLASS and PAINTS OF US."
RUMSEY SPRAY PUMP.

Best on the Market.

With 3 ft. of 1-2 in discharge hose and "Lilly" Nozzle.

Can be used for washing windows, carriages, etc.

Also used for white washing hen houses, stables, etc.

Price, $5.00

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 $7.00

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

KINNEY Liquid Pump.

For applying liquid manure this pump has no equal. This pump is also used for spraying, for tempering water, to water with, and for drawing water out of furnace pits. One of these will last a lifetime.

Price, $2.50

Dominion Dairymen’s Cleanser and Cleaner

Is one of the progressive articles that’s all right. State Dairy Schools say it is. Pure Food and Milk Inspectors say it is. Thousands of butter and cheese makers say it is, and every housewife who makes its acquaintance also says it is. Such a recommendation tells its own story. Can a writer hear from you with an order enclosed? Sold only in barrels 50-5 lb. sacks at $9.00, or 25c for 5 lb. sack.

A writer says that his place was overrun with rats until he hung peppermint about the premises, which drove them away at once. The remedy is a simple one and well worth a trial.

Price 50c and $2.00

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 50c and $2.00
F. H. EBELING, Seeds and Hardware.

---

TO DESTROY POTATO BUGS AND CABBAGE WORMS
and Pests on Tomato and Egg Plants, Currant Worms, Rose Lice and
Worms, Flea Beetles and Striped Bugs on Melons, Squash, Turnips,
Beets, Onions, etc. Canker, Worms and Caterpillars on Fruit and

---

Package $1.25, and it saves the Crop.

$6.25 a Keg, with Duster.

F. H. EBELING, Syracuse, N. Y., has sold SLUG SHOT
for nearly thirty years, and same is fully guaranteed.

---

Implements for Applying Slug Shot Economically

---

Gallon dusters, ½-gal. duster. Canister.

These are thoroughly well made implements, with very fine openings, allowing
the economical and even distribution of Slug Shot over Potatoes, Cabbage, Turnips,
Radishes, Beans, Melons, Cucumbers, Currant or Gooseberry bushes, Parsnips or
Strawberries. Canisters are sold filled with Slug Shot; large dusters are empty.

BENJAMIN HAMMOND, FISHKILL-ON-HUDSON, N. Y.
“HORICUM” Old Reliable
It Sticks On

Trade Mark
This preparation is Lime, Sulphur and Salt, a concentrated Poly-sulphide of Calcium. Salt adds to adhesive properties, but the destructiveness of Scale Life lies in the Calcium Sulphide. Aside from its ability to destroy San Jose Scale, HORICUM is a Fungicide, preventing the free development of fungoid troubles.
Shake the package thoroughly or take the top off. The color in its concentrated form is a deep bronze green. DO NOT POUR OFF THE CLEAR LIQUOR ONLY—stir the Horicum from the bottom of the package. For a strong dilution when the growth is dormant, use 16 parts of water and spray thoroughly. By grading your dilution you make it any desired strength. There is no magic in killing bugs. We have been on the job 45 years. Barrels of 50 gallons; gallons and quarts for small needs; kits, 10, 5, 3 and 2.
1 Quart, 40c.; 1 Gallon package, $1.00; 5 Gallon package, $5.00; Gallon package, $9.00. Also in Barrels and Half-Barrels.

The French Bordeaux Mixture

In Fine Pulp, or Liquid, Form
The finest and best article of its kind made in America. Works freely in any spraying machine. To be diluted 25 to 50 times with water and sprayed. See trade mark on every package.
For use on Potatoes, Tomatoes, Grapes, Apples, Pears, Oranges, Roses, etc., add 1 gallon to 24 gallons of water. For Peaches, Plums or Cherries, add 1 gallon to 50 gallons of water.
The price for this French Bordeaux Mixture is: Gallons, $1.25; 5-Gallon package, $5.50; 10-Gallon package, $10.00. Subject to discount for quantity of half-barrels or barrels.

COPPER SOLUTION
Keep in a Cool Place
Prepared for immediate use in the Greenhouse, or on Trees, Vines or Vegetables affected with the Rot, Blight or Scab, with safety to the foliage. Dilute at rate of 1 part to 100 parts of water and spray lightly.
This Solution can be handled safely by any ordinary careful person without danger or harm.
Put up in Quarts, Gallons, and 5 and 10-Gallon Kegs.
Retail at $1.75 per Gallon.

Cattle Comfort
is detrimental to Flies and Gnats that afflict domestic animals. Apply it to base of horns, along the back to the root of the tail, and on the neck and fore-quarters. It will relieve all Animals and Fowls from the noxious effects of Horn Flies, Gnats, Mosquitoes and Lice, and is healing to any sore.
Directions—Rub it lightly over exposed parts, as mentioned above, with a cloth, sponge or atomizer. It may be diluted half and half with kerosene as a matter of economy.
Put up in quarts, 45c., gallons $1.15, 5 gallons $5.00.
SLUG SHOT—It is a light, composite, impalpably fine powder, easily distributed by Duster, Belows, or in water by spraying. It is thoroughly reliable in killing Current Worms, Potato Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

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

Price

2 lb Can — $ 50 25 lb — — 4 25
5 lb — — — — — — — — — — — 1 00 50 lb — — — — — — — — — — — 8 00
10 lb — — — — — — — — — — — 1 50 10 lb — — — — — — — — — — — 15 00

CHAMPION DRY POWDER GUN

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

Sterlingworth Whale Oil Soap and Tobacco.
Sterlingworth Whale Oil Soap and Tobacco is most effective, reliable, simple and cheap preparation for destroying San Jose Scale, Plant Lice and all sucking insects on trees, shrubs, plants, vines, rose bushes, etc. The efficiency of this Soap is further increased by the addition of tobacco extractive matter and potash. The preparation thus compounded possesses all the virtues of Whale Oil Soap, and, in addition, the valuable Insecticide properties of tobacco and potash, making it doubly valuable. Full directions on each package. Price, 1 lb box, 15c.

Remedy for Cut-Worms on Cabbage and Tomatoes.
Soak bran with Paris green and scatter same in the rows. This will destroy this troublesome pest.

To Destroy Ants in Hills, Etc.
Inject bi-sulphate of carbon in the hills. This will destroy them promptly.

SULPHO-TOBACCO SOAP

Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmles Insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it aids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and well known Insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results.

3-oz. Cake, sufficient for 1 to 2 gallons prepared solution, 10c; mailed postpaid 15c.
8-oz. Cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 30c.

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

BUG DEATH.

This Insecticide and Plant Food combined has been on the market for ten years. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the extra yield of marketable potatoes has more than paid the entire expense. It is non-poisonous, which makes it perfectly safe to use on all plants or vines. BUG DEATH PREVENTS BLIGHT.

Put up in Packages as Follows.

1 pound package, $ .15
3 “ “ “ “ “ “ .45
5 “ “ “ “ “ “ .60
12 1-2 “ “ “ “ “ “ 1.00
100 “ “ “ “ “ “ 7.00

Dickey Bug Death Duster, .25

BORDEAUX MIXTURE.
Insecticide and Fungicide.
As the name indicates, this article is an Insecticide as well as a Fungicide. It is compounded the same as the Fungicide Dry Bordeaux and in addition to its value as a Fungicide there has been added the necessary poison to make it deathly to all eating insects. It kills slugs, beetles and all leaf eating insects, and prevents blight and rot on potatoes as well as performing many other services. It sticks well to vegetation, one application lasting in some cases the entire season.

Full directions for using accompany each package. In ordering always specify Insecticide and Fungicide to distinguish from "Fungicide Dry Bordeaux."

Price—1 lb. box, 30 cents. 5 lb. box, $1.25.
One of the most conclusive arguments in favor of High Grade Fertilizers that have come to our notice is in the shape of a small pamphlet issued by the Agricultural Bureau of the German Kiil Works of New York city. It is entitled "Results," and shows photographs of actual field tests or co-operative experiments carried out by farmers in New York State. Eleven different counties and as many crops are represented so that the booklet contains something of interest to every farmer. The fertilizer giving the best results on oats and wheat contained 2 per cent. nitrogen, 8 per cent. phosphoric acid and 6 per cent. potash, but on potatoes, corn and truck crops a good profit was shown for the fertilizer containing 10 per cent. of actual potash.

Copies of this booklet may be had, free of charge, on application to F. H. Ebeling, Syracuse, N. Y.

We are Sole Agents for the

CELEBRATED BOWKER FERTILIZER.

Sold strictly for cash at very close margin of profit. We carry in stock the following brands:

- Hill and Drill, Sure Crop, Corn and Grain, Potash or Staple, Potash Bone, Market Garden, Am. Dissolved Bone or Farm and Garden, 10 per cent. Manure. Hop and Potato, Nitrate of Soda, Farm and Garden, Am. Dissolved Bone, Soluble Bone, Early Potato.

DRAIN TILE.

Following sizes always on hand. Length about 14 in.

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight Each</th>
<th>Per'M.</th>
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<tbody>
<tr>
<td>2 inch Rise, Sole Tile</td>
<td>3 lbs</td>
<td>$13.50</td>
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<tr>
<td>2-1/2 &quot; &quot; &quot;</td>
<td>4 &quot;</td>
<td>16.50</td>
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<tr>
<td>3 &quot; &quot; &quot;</td>
<td>5 &quot;</td>
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<tr>
<td>4 &quot; &quot; &quot;</td>
<td>7 &quot;</td>
<td>38.50</td>
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<td>5 &quot; &quot; &quot;</td>
<td>9 &quot;</td>
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<tr>
<td>6 &quot; &quot; &quot;</td>
<td>12 &quot;</td>
<td>77.00</td>
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<tr>
<td>3-1/2 Horse Shoe Tile</td>
<td>4 lbs</td>
<td>16.50</td>
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<tr>
<td>4 &quot; &quot; &quot;</td>
<td>5 &quot;</td>
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<tr>
<td>5 &quot; &quot; &quot;</td>
<td>6 &quot;</td>
<td>33.00</td>
</tr>
<tr>
<td>6 &quot; &quot; &quot;</td>
<td>8 &quot;</td>
<td>44.00</td>
</tr>
</tbody>
</table>

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

ENSILAGE FORKS.

The ensilage fork we offer 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, $1.40.

STOCKBRIDGE SPECIAL MANURES

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

NEW MODERN WATERING BASIN.

A dairyman who has running water will find it profitable, as our watering device will furnish a cow fresh water at any time, increasing the flow of milk from five to ten per cent., which is acknowledged by all dairymen who have a watering device.
MARY’S GARDEN

After dinner they gathered in the yard back of the house. They and their home and surroundings spoke of all the comforts of life. The boy and girl were having a hilarious time, the father and mother a quiet talk, the mother's eyes always in one direction, over the back fence.

"Jack," said Mary, "we have been married nearly twelve years and they have been such happy, glorious years, too—with plenty of everything—good homes to live in, plenty to eat, drink and wear, plenty for the knickknacks and the good times of life, with our 'Billy and Kate,' fair health, and for ourselves each other. Apparently, we have never lacked a single thing, but listen! In all that time we have gone to market for everything we ate and have never had one single fresh vegetable at home. Don't you know how different it is at Aunt Susan's, where they get what they want, when they want it. I want a garden of our own, where we can raise all we need to eat, summer and winter a place where we can get from the ground more health for our bodies, better color in our faces and a greater love for God and all of His creations, with every growing plant that we try to coax through the soil. And then, think of the pleasure and the real fun, the pride we'll have in knowing we did it ourselves."

Jack watched the enthusiasm play in Mary’s face and as the light of expectation danced in her eyes, his amusement changed to tenderness for this wife of his and he asked:

"Where do you expect to begin this wonderful garden of yours, Mary?"

"Don't you know that vacant lot that backs up to ours from the next street? It's empty except for a rank growth of weeds and the ashes of the fires that that eleven year old rascal 'Billy', is eternally building there on wash day when the smoke always comes our way. Won't I be tickled when he will be doing something besides making a nuisance of himself to all the neighborhood? The place is big enough for what we want and I know we can do the work ourselves, although I hope you will get in, too."

"But," laughed Jack, "do you realize what a lot of backaches, sore fingers, lame arms and legs, and tired bodies you are going to have before you get that vacant lot planted and the stuff grown?"

"Not much, Mr. Jack," retorted Mary. "I've got a catalog of 'Iron Age' garden tools that are sold by the big seed man, F. H. Ebeling, Syracuse, N. Y., and if only the half is true that the manufacturers say of their Wheel Hoes and Drills we can take care of the work that there is in that lot and not have a single ache."

"Now, just what can you do with these wonderful 'Iron Age' tools?" inquired Jack, "and what are they like?"

"Why, the Wheel Hoes are just light wood handles attached to the simplest little frame and a high, light wheel, the whole so light looking that I ache to get hold of the handles of one of them and see what I can do with it. The frame carries hoes (funny looking things but that's what they call them in the catalog), cultivator teeth, the cutest little rakes, and a pair of plows that shine like a nigger's heel—you thrust it ahead a step at a time, standing right up straight—they say you can furrow (whatever that is) hoe both sides of one row or between the rows, you can cultivate, you can seed with the rakes and use the plows to ridge or cover with, after seed or fertilizer. With a fine little drill you can open the furrow, sow most any kind of seed in continuous rows or in hills, cover the seed and roll it down. Why, it will be delightful, working with such tools. Come now, say 'Yes' and we'll begin to plan our garden, order seeds and tools, and you'll see such a dear garden next year as you never saw before."

"Yes, Dad," chimed in Billy and Kate together, "we want it, too, it will be great sport and we'll help, honest, we will."

"All right, you gooses, we'll try it on, once," answered Jack, and the rest of the family cheered and piled on top of him.

Ask for 1910 IRON AGE Catalog. It's free.

HARDWARE F. H. Ebeling, Syracuse, N. Y., Sells everything in Hardware, Paint, Glass, Putty, Nails, Enamelled Ware, Cutlery, Shears, Razors, Knives, Etc.
IRON AGE Garden Wheel Hoes and Drills.
No. 6. Combined Double and Single Wheel Hoe Hill and Drill Seeder. Price, $12.00. Fig. 114

No. 7, asSeeder only, $9.00.

A large garden worked at odd times with a wheel hoe

No. 1. Double and Single Wheel Hoe. Price, $7.00.
No. 3. Plain, $4.25.
Fig. 75. Double Wheel Hoe form of No. 6.

Fig. 76. Single Wheel Hoe Form of No. 6.
Four machines in one, with a dozen or more different combinations, and attachments without number, for the different kinds of work to be done in a garden. No gardener should be without a Wheel Hoe and Drill, and other attachments can be added as you need them. Light, yet strong—easily operated—simple adjustments.

No. 21. Plain, $4.00.

Fig. 135.

No. 15. Combined Single Wheel Hoe, Hill and Drill Seeder. This is the Drill form of No. 20. Will sow continuous rows or in hills. Same as No. 6, except “Single Wheel” only.
Price $11.00

Fig. 125

Free for the asking, IRON AGE 1910 Catalog.
No. 22. Combined Fertilizer Distributor and Drill Seeder.
Applies fertilizer in connection with the seed or at sides of growing plants.
Plows are adjustable in depth and width so you can put the fertilizer where you want it.

No. 23. Fertilizer Distributor as a Side Dresser, $13.00.
Seeder attachment, $5.00. **Fig. 130.** Price $18.00.

No. 25. Single Wheel Fertilizer Distributor. The distributor attachment can be put on No. 1 or No. 20.
Price $8.00.

No. 26. Fertilizer Drill not only distributes, but makes its own furrow, drills fertilizer and covers. Price, $8.30.

**Fig. 30**

No. 6. Horse Hoe and Cultivator. With plain wheel, Fig. 100, $5.75. With lever wheel, $6.25. **Fig. 100**

Expands 14 to 34 inches.

**Fig. 28.**

No. 1. Combined Harrow and Cultivator.
Price, $5.00. **Fig. 106.**

“New Model” Seed Drill
Price, $8.00.

1910 Complete IRON AGE Catalog mailed on request.

Pivots are near the center of the wheels, rest on steel ball bearings—machine guides easily.

Wheels can be "fixed" or fallow work and on the road.

Wheels adjusted 32 to 42 inches.

Gangs can be adjusted to work rows 28 to 54 inches apart.

A lever shifts for width.

Tooth Standards are adjustable for width and angle of cut. Break pin hoes.

Spring pressure keeps the teeth in the soil. A powerful lifting spring assists in shifting.

Adjustable seat and pole, steel evener, direct draft.

IRON AGE Catalog shows three other machines in this series—all of same construction except the gangs—you are sure to be suited with just what you need to do your work.

No. 60, with Pivot Wheels, Spring Pressure Lock Down, Lever Gang Adjuster, Eight Hoes on Flat Bar Gang. Price, $34.00.

Steel ball bearings for pivots, lifting springs, gang adjuster lever—all assist in easy operation of the machine in all conditions of crop and soil.

Wheels are 42 inches high and may be set 50 inches wide and narrowed to 39 inches.

Built for strength, rigid in operation when set, thoroughly adjustable.

Both No. 83 and No. 60 can be furnished with either Spring Teeth or Spring Hoes. See Catalog for prices and attachments.

No. 60 in level cultivation of corn.

Just out--NEW IRON AGE CATALOG--Ask for it to-day.
IRON AGE
(Improved Robbins)

POTATO PLANter

No. 1. With Fertilizer Distrib-
utor . . . . . . . $80 00
No. 2. Without Fertilizer Dis-
tributor . . . . . . $70 00
Seed Attachment for peas, beans
and corn . . . . . . $5 00

Correcting doubles and misses—earning big
money for his employer.

Plants 10¢ per cent. perfect, all the seed that
goes into the hopper.
Plants without misses or doubles.
Plants in straight rows, easy to cultivate.
Plants at even depth.
Plants at regular spaces in the rows.
Plants without injuring the seed in any way
—no pickers are used.
Sows fertilizer in broad stream across row
and mixes it before seed is dropped in soil.
Plants seed in groove, so it cannot roll.
Covers the row as deep as you want it.
Takes a boy on rear seat, but saves four
times his cost.

FOUR ROW SPRAYERS.

No. 103. With Simple Acting Pump and Thills, 55 gallon Steel Tank, $70.00.
No. 105 D. With Double Acting Pump, Pole, 100 gallon Wood Tank, $92.00.
Furnished with wood wheels unless steel wheels are ordered. Furnished with either pump, either
kind of tank, thills or combination pole and thills or pole only. Adjust table for rows 28, 30, 33 and
36 inches apart. Only first-cla's high pressure pumps are furnished. Attachments include Middle
Row, Tomato Spraying Twin Nozzle, Nozzle Strainer and Orchard Attachment. Price of latter,
$7.00 See Catalog for other prices.

Send for IRON AGE 1910 Catalog. Shows complete line.
A Few Reasons why the O. K. Champion Potato Diggers are Preferred.

BECAUSE They are strictly a Two-Horse Elevator Digger, two ordinary horses will do the work with ease.

BECAUSE It has an extra wide opening at the front, accomplished by using special constructed front throat side plates with inward extending lugs, to which the shovel blade is connected. The front throat side plates taper downward toward their front end, and are also flared outward at their upper edges, which edges are rolled backward to give a smooth, round surface; these flare outward at about midway between the throat and return to the vertical plane of the side plates. This will enable the ground to spread when entering the machine, thereby losing itself quickly through the apron. This construction will also allow the weeds or vines to slide up through the machine without catching on the side.

BECAUSE The apron is of a special design, made of special High Carbon Spring Steel, having alternate high and low links, which gives them the power to break the ground more quickly than the straight pattern.

BECAUSE It is absolutely the simplest in construction, having less parts than any other Elevator Digger.

BECAUSE The machine is guaranteed to do what is claimed for it.

LAST BUT NOT LEAST It is sold for a price at which any farmer can afford to own his own machine.

All broken parts free during the first season.

Price $65.00.

PURCHASERS OF CHAMPION POTATO DIGGER.


HALLOCK’S KING OF THE POTATO FIELD POTATO DIGGER.

Price, $15.00.

Agents Wanted.

Nearly 500 Hallock’s Diggers sold by us in this vicinity, which shows its value and popularity.
MUNNSVILLE PLOWS.
No. 10, STEEL BEAM PLOW—"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 $14.50.

ONEIDA VALLEY CLIPPER No. 2½.
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, $11.50 Plain. No. 2 1-2 Chilled $11.00.

THE MUNNSVILLE PLOW SULKY WITH RIDING ATTACHMENT
With Plow Complete, $28.00. Riding Attachment Only, $15.00.

DUTTON IRON BEAM NO. 2.
Price, $10.00.

THE BEST
LOW PRICED
PLOW
ON THE
MARKET.

DITCHING PLOW. PRICE $10.00

We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a very small cost per rod.
CREL OLL is Dr. Hagadorn’s famous Remedy for Contagious Abortion In Cows and Scours in Calves.

All ordinary disinfecting of buildings, schoolhouses, railroad stations, cars, stables, poultry houses, etc.

As an insecticide, killing hen lice, lice on cattle, scab mites, parasites, fleas, flies, ants, bedbugs, waterbugs, etc.

As an antiseptic, used on collar galls, sores, hoof rot, mange sheep scab, bruises, etc.

As a positive remedy, contagious abortion in cows, horse distemper, grub in sheep, catarrh, lung worm, scours in calves or pigs, cholera in poultry or hogs, and all diseases caused by “germs”, even bovine tuberculosis, in its first stages. Nothing more efficacious for use in preventing “foot and mouth” disease.

The fumes do the work. Applied with a sprayer or atomizer.

Gallon Jugs, $4.00 Quarts, $1.00

Pints, 60 cents. 4-ounce, family use, 25 cents.

F. H. EBELING, Seeds and Hardware.

THE "TENNENT" ATOMIZER WITH MIXER

for applying Crel Oil.

Contents of bowl thoroughly mixed with every stroke. Adapted for all kinds of spraying.

MADE IN TWO SIZES.

Large size, general uses, . . . Price, 75c.

Smaller size, house or hospital, . Price, 50c.

THE GOSHEN FAVORITE GALVANIZED STEEL WATER TANK.

Square End Watering Tanks.

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Length</th>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 ft.</td>
<td>2 ft.</td>
<td>4 ft.</td>
<td>3 bbl.</td>
<td>$8.00</td>
</tr>
<tr>
<td>2 ft.</td>
<td>2 ft.</td>
<td>5 ft.</td>
<td>4-1/2 bbl.</td>
<td>9.00</td>
</tr>
<tr>
<td>2 ft.</td>
<td>2 ft.</td>
<td>6 ft.</td>
<td>5-1/2 bbl.</td>
<td>10.00</td>
</tr>
<tr>
<td>2 ft.</td>
<td>2 ft.</td>
<td>8 ft.</td>
<td>7-1/2 bbl.</td>
<td>15.00</td>
</tr>
<tr>
<td>2-1/2 ft.</td>
<td>2 ft.</td>
<td>8 ft.</td>
<td>9-1/2 bbl.</td>
<td>17.00</td>
</tr>
<tr>
<td>2-1/2 ft.</td>
<td>2-1/2 ft.</td>
<td>8 ft.</td>
<td>12 bbl.</td>
<td>19.00</td>
</tr>
</tbody>
</table>

Can furnish any size up to 60 barrel.

GOSHEN TANK HEATER—Save feed by supplying your cattle and hogs with warm water. Feed is just so much fuel to the animal economy. It takes lots of extra feed to take the chill off of the cold water animals drink. Price $5.00.

HARDWARE. We sell everything in Hardware, Paint, Glass, Putty, Nails, Enameled Ware, Cutlery, Shears, Razors, Knives, Carving Sets, Aluminum Ware, Florists Supplies, Etc.
CLARK’S DOUBLE ACTION CUTAWAY

KILLS QUACK! KILLS QUACK!!

The Double Action Harrow does between two and three times as much work as any single action harrow, either solid or cut out. It makes and keeps the land true all the time. The draft of the Double Action is very little if any more than the draft of the solid disk harrow and does more than three times as much work and better. This is brought about in part by one set of disks following central behind the other; again there is only one-half as much trampling of teams in doing the work. Immediately after the first gang of disks lifts the earth the second gang of disks strikes and follows central cutting and lifting it deeper than the first set and levelling the earth completely, which cannot be said of any other disk harrow ever made. All single action disk harrows ridge the land more or less, even with the most careful driver. All fitted with jointed pole.

Bear in mind that the Clark’s Grass Tools are in order whenever the frost is out of the ground, especially the Double Action Cutaway Harrow, and the Clark’s Reversible Cutaway Sulky Disk Plow. The more you cultivate, the better crops you will have.

R. F. D., No. 8, Oswego, N. Y., March 22, 1908.

“I have used Clark’s Double Action Cutaway for the last six years, and I could not do successful farm work without it. It is the only tool made that will tear to pieces and thoroughly mix manure with the soil. It flite the land so perfectly that I have never failed of a good crop.

“Clark’s Double Action Cutaway turns, mixes and aerates the soil so thoroughly that the chemical action of making available the plant food in the soil begins at once, thus giving the growing plant such an abundance of food that it is rich in color, sturdy in growth, thus giving results at harvest that will greatly benefit the farmer.”

(Signed) C. E. Woodworth.

Thousands of these Harrows in use and the demand is increasing each year.

PRICE LIST.

A-4 Cutaway, $33 00
A-5 Cutaway, $35 00
Reversible Sulky Disk Plow, $35 00

Ohio pulverizing roller

We hereby show you the Ohio Pulverizing Roller at work and we wish to call your attention to the great merits of this wonderful machine. It has three square Rollers which are arranged exactly the proper distance apart to do perfect work. As these Rollers revolve they produce the pulverizing effect by means of the sharp flanges of the Rollers cutting and breaking the large lumps of earth and then crushing and pulverizing the soil with the flat side of the squares as they revolve, leaving the earth in a loamy and almost smooth condition.

It has been proven the Ohio Pulverizing Roller will do much better work than is done by the farmer with his ordinary roller and harrow combined, and crops grow much faster than they otherwise would.

The corners of the Rollers make very slight creases in the ground four inches apart, between which the ground is slightly curved so the water from the rain soaks away through the creases. The soil, therefore, never bakes after its use.

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

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

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

Spring Tooth, with Self-Setting Levers, on Wheels.
Spring Tooth Harrow, with Shoes in place of Wheels.
Peg Tooth with Levers, Adjustable Teeth and Strong Frames.
Also the Acme Cutaway and Disk Harrows.

LAND ROLLERS.

Oak Stave Roller, Two Sections $22.00
Steel Roller, 26 inch, Two Sections, with closed ends, $38.00
Lawn and Garden Roller $8.00 to $12.00
These Rollers are made of the best material and made near home. All parts can be easily supplied.

ACME PULVERIZING HARROW, CLOD CRUSHER AND LEVELER

Lightest Riding Harrow sold anywhere. Low in price, light in draft, most easily handled. Made entirely of steel and iron and indestructable.

Cuts, Crushes, Turns, Smooths and Levels, all in ONE OPERATION.
6 ft. 6 in. Two Horse Size.
You need one on your farm.

PRICE, $16.00.

NEW YORK DISK HARROW.

The great labor saver. Every farmer should have one.

KEYSTONE ADJUSTABLE WEEDER.

As a weed killer it has no equal

Can expand to 7 1-2 feet and narrow to 30 inches.
$12.00
in making, with its usual successes, the year has been another record-breaker. The few awards we mention are far from all. These are a few of the more important ones for 1909:
The Grand Prize (highest award) on Separators at the Alaska-Yukon-Pacific Exposition, Seattle, awarded the U.S. This was positively the highest award received by any Separator.
Gold Medal (highest award) on U.S. Separators at Intermountain Four State Fair, Ogden, Utah.

Gold Medal (highest award) on U.S. Separators at the Sacramento, Cal., State fair.
First Prize (highest award) on U.S. Separators at the Texas State fair, Dallas.
First Prize (highest award) on U.S. Separators at the State fair, Birmingham, Alabama.

First Prize and Silver Cup at the Winnipeg Industrial Exposition.
The Gold Medal (highest award) at the National Dairy Show recently held at Milwaukee.
First Prize (highest award) at the Illinois State fair, Springfield.
First Prizes (highest awards) at the great New England fair, Worcester, Mass.
First Prize (highest award) at the Vermont State fair, White River Junction.
First Prize (highest award) at the Maine State fair.

U.S. CREAM SEPARATORS PURCHASERS,
F. R. Hazard, Solvay; A. H. Hunt, C-milus; A. J. Hamlin, N. Syracuse; Wm. H. Hoffman, Jamestown; Marshall Dunford, N. Syracuse; J. O. Tuttle, Kirkville; D. C. Fargo, Kirkville; F. C. Vollmer, Clay; E. J. Speich, Marcellus; O. A. Lawrence, Camillus; J. Shanahan, Manlius; Louis Herman, Bridgeport; Chas. R. Ferguson, N. Syracuse; W. H. Barnes, Ithaca; L. P. Gillis, Jamesville; A. E. Vaughan, Vernon; C. A. Lawrence, Camillus; Elmer Amidon, and many others, but space will not permit.

CHAMPION MILK COOLER SÉRATOR
Automatic, Simple, Efficient, Durable.

No. 9, Without Base, 160 to 175 lbs., $ 40.00
No. 8, Solid Frame, 275 to 300 “ 60.00
No. 7, “ “ 300 to 400 “ 70.00
No. 6, “ “ 400 to 500 “ 75.00
No. 15, “ “ 650 to 700 “ 90.00
No. 4, “ “ 100 to 1100 “ 125.00

Clutch Pulley for
Power…….. 14 in. diam., 8 in. face, 3.50
Iron Stand for No. 9 only, extra, ….. 5.00

DAVIS SWING CHURN.
Complete with Folding Frame.
No. 1, 4 gal. or less $ 7.00
No. 2, 5 gal. or less $ 8.00
No. 3, 7 gal. or less $ 10.00
No. 4, 9 gal. or less $ 12.00
No. 5, 13 gal. or less $ 15.00

EUREKA BUTTER WORKER.
No. 1, 8 to 12 lbs. $ 6.00
No. 2, 10 to 18 lbs. $ 8.00
No. 3, 15 to 40 lbs. $ 10.00
No. 4, 40 to 60 lbs. $ 12.00

Eureka Butter Printer.
Self-gauging.
Per pound or half pound.
No. 1 …………. $ 4.50
No. 2 …………. 3.50

Nesbit Butter Printer.
1 lb…………………$ 4.00
1 lb………………… 4.50
Self-gauging $ 1.00
extra.
MILK CANS—ALL SIZES.—Milkmens are invited to examine our work. Repairing promptly done, in the best manner and at moderate prices.

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

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

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

<table>
<thead>
<tr>
<th>Quart Milk Bottles</th>
<th>70 cents per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pint</td>
<td>60 &quot; &quot; &quot;</td>
</tr>
<tr>
<td>Half pint</td>
<td>50 &quot; &quot; &quot;</td>
</tr>
<tr>
<td>Milk Caps</td>
<td>- 25 &quot; &quot; 1000</td>
</tr>
<tr>
<td>Carrying Cans, all sizes</td>
<td>$ .50 to 2.25</td>
</tr>
<tr>
<td>Dairy Cans</td>
<td>5.00 to 6.50</td>
</tr>
<tr>
<td>Wholesale Cans &quot;</td>
<td>.40 cents</td>
</tr>
<tr>
<td>Strainer Pails &quot;</td>
<td>.65 to .75</td>
</tr>
<tr>
<td>Pint Dippers &quot;</td>
<td>.25 to .45</td>
</tr>
<tr>
<td>Quart Dippers &quot;</td>
<td>.35 to .50</td>
</tr>
<tr>
<td>Strainers &quot;</td>
<td>.50 to 2.00</td>
</tr>
<tr>
<td>Tin Milk Pans, per doz</td>
<td>1.50 to 3.00</td>
</tr>
<tr>
<td>Tin Milk Pails, all sizes</td>
<td>.30 to .75</td>
</tr>
<tr>
<td>Sprinkling Pots &quot;</td>
<td>.25 to 1.25</td>
</tr>
<tr>
<td>Excelsior Strainers</td>
<td>- 2.50</td>
</tr>
<tr>
<td>&quot;Our Own&quot; Strainers</td>
<td>2.00</td>
</tr>
<tr>
<td>Aerators &quot;</td>
<td>5.00 to 7.00</td>
</tr>
</tbody>
</table>

THE VERTICAL OSCILLATING MINUTE CHURN.

Churns butter from cream in one minute or your money refunded.

This churn is simply a tin can between two springs, which permits an easy and rapid vertical movement.

We have churned butter from cold cream right here in our store in less than two minutes.

### Price List of Gravity Cream Separator.

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

**MILKING TUBES.**

For sore and obstructed Teats and for Hard Milking Cows.

Full Directions with Each Tube. 35 cents to $1.25 each.

**RICE'S CALF WEANER AND SUCKING COW MUZZLE.**

For preventing Calves and Cows sucking themselves or each other.

| No. 1—For Calves till 1 year old, 25¢, by mail postpaid 35¢ |
| No. 2—From 1 to 2 years old, 50¢, by mail postpaid 56¢ |
| No. 3—For full grown animals and self suckers, 75¢, by mail postpaid 86¢ |

**BARREL CHURNs.**

| No. 0,— 4 gallon, will churn 2 gallons | $8.50 |
| 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 |


**SCALES.**

| Platform Scales | $8.00 to $12.00 |
| Counter Scales, Single Beams | 2.50 |
| " Double Beams | 3.00 |

**SOLID COIN SILVER**

**FILLING'S PATENT**
NEW BETTENDORF STEEL GEAR
FARM WAGON.

These wagons are built for one or two horses, narrow or wide tires, steel or wood gears, and at prices to meet the demand.

**Reasons why you should buy a New Bettendorf Steel Gear Wagon.**

Bettendorf steel axles cannot be worn, as they are protected against wear by removable sleeves, and hence the original carrying capacity is never decreased.

Light running qualities, as the axle retains its perfect set even under a full load, thereby permitting the wheels to revolve without binding at point of collar or skein.

Steel front and rear bolsters. Steel front and rear hounds.

Steel sand board. No bolts to lose or get loose.

No wood parts to shrink or check. No assurance from cross grain or knotty timber.

No question of soundness, toughness or proper seasoning of wood stock.

The skeins will not work loose or prove defective.

No trouble from climatic conditions. It is never too dry or too wet for Bettendorf Steel Gears.

No heavy draft caused by wear of the skein and increased play of the wheel.

Spindles protected from actual wear by a malleable iron sleeve, which can be easily and cheaply replaced without in any manner changing the set or track of the axles.

Bettendorf Steel Axles are the only steel axles made which have the taper and dimensions of the skeins on wood constructed wagons. Therefore, they retain light running qualities and with the advantages of the uniform construction and the absolutely correct set of axles, the New Bettendorf can rightfully be claimed to be the lightest running wagon on the market.

The reach extension tubing on the rear gear permits coupling for hay or combination rack with the ordinary length reach. Front and rear gears always in perfect track.

**BEST BOLSTER & RING MADE.**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>300 lbs. $8.00</td>
<td>120 lbs. $8.50</td>
<td>4000 lbs. $9.00</td>
<td>5000 lbs. $9.50</td>
</tr>
<tr>
<td>500 lbs. $9.00</td>
<td>600 lbs. $9.50</td>
<td>1450 lbs. $11.00</td>
<td>175 lbs. $11.50</td>
</tr>
</tbody>
</table>

Good second-hand lumber wagons and farm machinery taken in exchange at a big bargain.

**WARRINER CHAIN HANGING STANCHION**

**COMPRESSED SALT CAKES AND FRAMES**

For Horses Cattle and Sheep. Pat'd. Pure Refined Salt, acts as a tonic, invigorates the system, promotes digestion, purifies the blood.

25c Cake, 5 Cakes $1.00

Frames 25 Cents.
DANA'S STOCK LABELS
For Cattle, Sheep, Hogs, Etc.
Cattle Labels, 75c dozen, $4.00 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
Bull Nose Punch, 1.25 each
The above mailed you upon receipt of price named.

HAND AND POWER ROOT CUTTER.
Has a capacity of 80 to 100 bushels per hour. One bushel per minute has been cut as a test, many times.
It saves the price of a cow, as they cannot choke when fed on roots cut by this machine.
Price, $8.50.

Hog Bings
10 Cents
Per Box.

Hog Ringer
25 Cents

BLATCHFORD'S CALF MEAL.
The perfect Milk Substitute for raising calves. One hundred pounds of it makes 100 gallons of Rich Nutritious Gruel. It is now a well recognized fact that one of the most successful aids to profitable farming is using a good Milk Substitute for raising calves. It is absolutely the only Milk Substitute that contains all the elements necessary for bodily growth in approximately the proper proportion. It pushes pigs, colts, etc., for yard better and quicker than any other food.
Average analysis of Blatchford's Calf Meal from a number of analyses taken at various times: PROTEIN, 25 per cent. FAT, 5 per cent.
Prices: 100 pound bag, $3.50. 50 pound bag, $2.00. 25 pound bag, $1.00.
DR. LEAVITT'S DOUBLE POWER DEHORNING CLIPPERS.

No. 2 is 3 ft. long, weighs 12 lbs. $8.00

No. 3 is 3 ft 2 in. long, weighs 15 lbs. Price $10.00. These are made with V blades or bull style.

KOW KURE is a medicine especially designed for the cow and it is the only remedy known that entirely fits her case. It is carefully compounded of twelve drugs which may be divided into four sets; there is one set acting on the womb and other organs of generation; another set acting upon the stomach; another set on the blood, and the fourth on the kidneys and bladder.

WHAT IT DOES—Kow-Kure prevents abortion by aiding nature to give nourishment to the organs of the generation and strength to the muscles of the womb. We know of no other medicine that will do this. It cures barrenness and retained afterbirth in the same way. It improves appetite and aids digestion, thereby increasing the flow of milk. It enlites and vitalizes the blood, curing bunches and inflammation. It cures diseases of the kidneys and bladder. Kow-Kure is in every sense a medicine and in no sense a food. Fed to milk cows it improves their condition and increases milk and cream ten per cent. Cost about one cent per day per cow. Price 5c and $1.00.

THE IRON KING CORN SHELLER

Has no equal. It is the best and cheapest Sheller on the market. Price, $1.50.

EMORY GRINDSTONE WHEELS.

After numerous tests, comparing Alundum grain with other abrasive grains, including the Diamond, Alundum is found to exceed 9 1-2 inches in scale of hardness, where the diamond is 10. All spindles are old-rolled steel. Best cast iron used for frames and gear wheels—positively no scrap iron. It will last a lifetime. No belts to break and no chains connecting gear wheels to buckle. No water required on grinding wheel and positively will not draw temper of the finest steel. Price $1.75, $2.50, $3.00.
BLACK HAWK CORN PLANTER.

This plants two rows at a time and is the latest addition to the justly celebrated line of Planters. It is so simple that it is next to impossible for it to get 'out of fix', and in the matter of convenience is simply in a class by itself. The drop works on the 'edge selection' principle, taking advantage of the fact that kernels of corn, while varying greatly in size, are comparatively uniform in thickness. This gives the Planter an extremely accurate drop. The valve mechanism is entirely enclosed within the shank, and is not affected by corn stalks or other trash. The corn is forced out of the heel in proper check, regardless of the speed of the team, and there is no clogging of the heel. It is always ready for either drilling or blanking, no change of the valves being necessary and no change of plates for distances most used. The foot-drop is always ready for use and is convenient to the foot. While the front and back frames are extremely rigid, there is a spring connection between the two, allowing the Planter to follow the inequalities of the surface of the ground.

PURCHASERS OF BLACK HAWK CORN PLANTERS.

W. D. Clement, Lacona; G. E. Gillette, Clay; F. B. Loren, Central Square; C. W. Miles, Apulia Station; W. J. Norcross, N. Syracuse; A. M. Potter, Altmar; C. C. Babcock, Randalville; Frank Pangburn, Baldwinsville; S. C. Pendergast, Phoenix; Skiff Bros., Salina; Henry Lacy, Fred Volmer, Cicero; John Shanahan, Fayetteville, and many others.

Price for Corn Planter, Check Rower and Drill, $45.00. With Fertilizer attached, $55.00.

Some reasons why you should use a Kemp 20th Century Spreader.

It is the easiest way to spread manure. The fastest way. Supplants necessity of hired help. Increases value of manure 100 per cent. Makes most disagreeable job on farm pleasant. Stops the expense of commercial fertilizers. Triples the market value of land. Can be used every day in the year, something that cannot be said of many other farm machines. Always ready to load. Spreads so evenly, manure does not interfere when working the ground with other machines. Permits spreading after seeding or planting, also for top dressing. Spreads so thin over a meadow that it does not interfere with the pasturing of stock. Saves time and labor. Saves and makes money.

I buy these Manure Spreaders by the car load direct from the factory and am able to sell at a price that defies competition.


PRICE—35 bushel capacity, $110. 45 bushel capacity, $115. 55 bushel capacity, $120.
THE IMPROVED THREE-ROW CORN MARKER.

This cut shows our Steel Wing Marker. The runners are long, which enables it to make a true and even mark. It is adjustable to mark any width row and any depth desired.

Two-Row Marker for one horse, $7.00. Three-Row Marker for two horses, $8.50.

OSBORNE AND W. A. WOOD STEEL TEDDER.
The All Steel Tedder is conceded to be the best constructed and most durable on the market, and is absolutely guaranteed to do the work under all conditions. If not found satisfactory after a fair trial money will be refunded. Made of the best steel and carefully constructed throughout, and all parts are sufficiently strong for the wear and tear involved.

Have received a car load of these Tedders and am in position to make prices reasonable. These are made in 8-fork size only. Price $35.00.

FARMERS' COMBINATION CLAMP AND DRILL.

$2.25 with Diamond Point Drills.
$3.00 with Syracuse Twist Drills.
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.

Extra Drills 10c each.
Extra Drills 25c each.

THE BEMIS PLANTER.
Sets all kinds of plants like cabbage, tobacco, etc. The success of plant setting is assured by its use. The most successful planter on the market. Made near by, and all parts supplied on a few hours' notice. Price $65.00.

EMPIRE DRILL.
This grand, old reliable drill has been on the market beyond the memory of the oldest farmer and has always stood for that which is best. It sets perfectly all kinds of grass seeds and grain, and the fertilizer attachment is equal or superior to the best of its kind on the market. When you buy an Empire Drill it will last you for two generations and longer. The repairs for this Drill can always be found here. We have sold this drill for nearly forty years, and every Drill is guaranteed to do its work.

Price for 9-Tube Drill $80.00
" " 11-Tube Drill $85.00

THE PROUT HOE.
This very practical tool is so well known that no description is necessary. It is a furrower, a coverer and a hiller combined. So simple, so handy, practical and good that you wonder why you did not own one before. Price $20.00.

CHATHAM FANNING MILLS.
I offer this high grade Fanning Mill which will better meet the requirements of our farmers than those usually sold in this market. The easy and rapid work with bagging attachment commends itself. These mills come with a full set of sieves, suitable for all grain as well as grass seeds. Cleaning and grading them in a thoroughly superior manner. Price complete, $28.00.
M. M. S. POULTRY FENCE.

It Has Points of Merit Worthy of Attention. No Top or Bottom Board Required. Only One-Half as Many Posts Required as for Netting.

It Adjusts Itself to Uneven Ground. Will Not Sag or Buckle.

The salient features of merit in this fencing are found in its multitude of horizontal wires, the cabled selvage and cable every foot in the height of this fence.

### RETAIL PRICE. STANDARD MESH.

<table>
<thead>
<tr>
<th>No. 19 Wire</th>
<th>First Foot 1 3-4 in. Mesh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height: 10 Rods, Foot.</td>
<td>Height: 10 Rods, Foot.</td>
</tr>
<tr>
<td>1 ft.</td>
<td>$1.50</td>
</tr>
<tr>
<td>1-2 ft.</td>
<td>2 00</td>
</tr>
<tr>
<td>2 ft.</td>
<td>2 25</td>
</tr>
<tr>
<td>2-1/2 ft.</td>
<td>2 75</td>
</tr>
<tr>
<td>3 ft.</td>
<td>3 10</td>
</tr>
</tbody>
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### RETAIL PRICE. CLOSE MESH.

<table>
<thead>
<tr>
<th>No. 19 Wire</th>
<th>First Foot 1 3-8 in. Mesh</th>
</tr>
</thead>
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<td>Height: 10 Rods, Foot.</td>
<td>Height: 10 Rods, Foot.</td>
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<tr>
<td>1 ft.</td>
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<td>1-2 ft.</td>
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### UNION LOCK POULTRY FENCING

A Fence—Not a Netting.

Price per roll of 10 rods.

| 12 inches wide | $1.50 |
| 18 " " | 2.25 |
| 24 " " | 3.00 |
| 36 " " | 3.50 |
| 48 " " | 4.25 |
| 60 " " | 5.00 |
| 72 " " | 5.50 |

Write for discount.

### REX FLINTKOTE ROOFING.

A permanent roofing for factories, business blocks, public buildings, ice houses, farm buildings, poultry buildings, dwellings, sheds, etc.

Made from best non-conducting wool felt, thoroughly and evenly saturated with compounds containing no tar or asphaltum, which renders the roofing WATER ACID, ALKALI, STEAM and GAS FUMES PROOF. Unaffected by heat or cold, FIRE RESISTING, and therefore endorsed by many boards of fire under-writers.

Rex Flintkote may be laid by any man following plain directions—everything required (except a hammer) is in each roll. The labor is simple and quick.

Cheaper, more durable than best shingles or metal roofing.

Descriptive booklet, samples and prices given on application.

### PRICE LIST.

| 1-2 Ply per square (100 square feet) | $1.75 |
| 1 " " (100) " " | 2.25 |
| 2 " " (100) " " | 3.25 |
| 3 " " (100) " " | 4.00 |

### RED ROPE ROOFING.

230 square feet to the roll, $2.50 per roll.

3-ply, 105 square feet to the roll, 50c per roll.

3-ply, 105 square feet to the roll, $1.00 per roll.

### TARRED ROOFING.

Throw shingles away.

Top dry with well laid roof of "The Restorer".
"AMERICAN" SHEEP, HOG AND CATTLE FENCING

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

The fence that fences and stays fenced. You can rest easy and need fear no danger from stock getting out.

Everything for Sheep, Hogs and Cattle, made in two weights, medium and heavy.

Prices reasonable.
Ask for Booklet.

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

Poultry, Rabbit, Hog and Cattle Fence.
A strong, practical, Hog. Cattle, Poultry and Rabbit fence. Also, an excellent garden fence. It is used extensively as a hog fence. The light specifications make a fence strong enough to turn stock. It is more durable than netting.

This Fencing comes in 8 to 16 bars, either in 6 or 12 inch stays, 20 to 58 inches high.
Price, 25cts. to 45cts. per rod.

7--SEVEN TOOLS IN ONE--7
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.
MERIDIAN HAY RACK.

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

Price, 16-foot racks, $13.00. 14-foot racks, $12.00.

OUR IMPROVED SLIP.

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

All complete like above cut, $8.50. Set of Shoes for above, $2.75.

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 50 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

GARDEN BARROWS.

$3.00 to $5.00.

DIRT BARROWS,

$2.00. $2.25.

STABLE BARROWS,

STEEL TRAY,

$3.50 and up.

"WE SELL HARDWARE, GLASS, PUTTY, NAILS, CUTLERY, ETC."
WITH WOOD OR IRON FRAME.
They can be worked by anyone who can run a wheelbarrow,
Price, 14-foot, $6.00; 16-foot, $7.00.

THE LITTLE GIANT SEED SOWER.
This is the cheapest Crank Seeder on the market, and
equal to the best for quality of work it does and durability.
Don't pay $5.00 for a seeder when you can get its equal
for less money.
Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed,
Clover Seed, Grass Seed, including Light grasses; in fact
any kind of Seed broadcast. Also Plaster, Fertilizer, Salt,
Ashes, etc.
They save one-third seed and two-thirds labor.
CRANK SEEDERS: $2.00
FIDDLE SEEDERS: $1.50

THE "REX" RIVETER.
The best, most durable and the most
practical Riveting Machine on the market.
Price 50c and 85c.

Eureka Kitchen Garden Seed Drill and Hot Bed
It will sow and cover Beets, Cabbage, Carrots,
Celery, Lettuce, Onions, Radishes, Spinach, Turnips,
and all such seeds with the greatest regularity.
Force Feed. It is only intended for
small Gardens and Hot Houses.
Sows up close to the sides in straight rows.
Sows the small packet of seed as well as a larger,
bulk. This Drill is not a toy, but a strong, prac-
tical machine that will last many years.

PRICE DISCOUNT
$1.25

STAR SICKLE GRINDER, $5.00

Imboden's Harrow on free trial, without money in advance. Return at our expense if it does not please you. Pictures to use Har-
row and Roller separate and to make a rolling cultivator. Guar-
anteed combined to give 50 per cent. better and nicer seed bed in
half the time. Field looks like a carden, no foot prints are left. Can
see check marks easier. Saves 1 team, and no heavier draft. A
boy can do the work and ride. Operate teeth any depth, is ready
in a second to move. Hundreds of them in use since 1900. Just
ask for reports, description, price and terms. Agents wanted.
Sold by F. H. EBELING. Price $35.00.
THE NEY CLIMAX OPEN THROAT CARRIER.

With this carrier, it is possible to fill the comb of the roof than with any other carrier on the market. The throat has an exceptionally large opening, and the simple locking mechanism is so arranged that the lifting head or pulley locks directly on the sides or frame of the carrier, not depending on separate dogs or locks to hold the load. It is constructed and operated without the use of springs, and engages projections upon lifting pulley in a line with axis of pulley. This permits the pulley to swing very near the track and enables the carrier to work under conditions where any other carrier would necessarily fail.

It is not just a coincidence that the leading ensilage makers of the country are using "Ohio" Blower Cutters. They are not "dead ones." They bought the machines with their eyes wide open. They investigated and found the very best reasons for preferring Ohio Machines to others. If you will investigate you will be convinced by the same reasons. No practical ensilage maker can hold out against such Ohio advantages as the great big throat, the bull dog grip of feed rolls, the perfect self-feed, the freedom from complicated gear wheels and direct application of power. You can't help but appreciate the big amount of work done with a small amount of power. The work goes right along without interruption or annoyance. You can have an "Ohio" that will handle your corn at the rate of 30 tons an hour. You can have a smaller machine if you want it. "Handling" means not only cutting the corn into proper lengths. It means also elevating into the silo. Ohios have the most powerful and perfect working Blower Elevating System of any ensilage cutter made.

MAKE ENSiLAGE THE "OHIO" WAY

And be in Good Company.

F. H. EBELING, Seeds and Hardware.

REVERSIBLE HAY CARRIERS.

For either Steel or Wood Track.

Light and Durable. Runs either way on the track without changing.

Price, $1.50.

Ney Hay Car, steel or wood track, $4.50
Climax Car, open throat, ........ 4.50
Diamond Car, wood track, . . . 4.50
Double Harpoon Forks, ...... 1.00
Double Harpoon Alfa FA Fork, 5.00
Steel Track per foot, ........ 1.11
Pulleys in Wood and Iron, each, 25c to 75c
Hanger Hooks, doz. ................ 75c
Brackets, doz. ................. 50
Floor Hooks, each, .......... 10c
Tedder Teeth, each, ....... 10c
Horse Rake Teeth, ........... 10c
Drop, best Manilla, at lowest prices.
All Steel Hay Tedder, ...... 56.00
Adriance Steel Rake, 22.00 to 25.00
New Yorker Horse Rake, 20.00 to 24.00

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

SOME GOOD SECOND HAND IMPLEMENTS

(Taken in Exchange),

AT A LOW PRICE:

One 2-Horse Corn Planter.
One Horse Rake.
Two Mowing Machines,
One Tedder, 1 Corn Binder,
1 Wood Roller, 4 Good Lum-
ber Wagons, 1 Spring Tooth
Harrow.

These we sold at a bargain.

Get our fine free Ensilage Cutter Book. Read it and know the reasons why Ohio Machines are the favorites wherever they go. There is no charge. Send a postal.
THE STERLING HAY LOADER
A Labor Saving Wonder.
Insures your hay crop in catchy weather. Cuts the cost of labor one-half. Will pay for itself in one season.

The Only Light Two-Horse Loader That Will Load Bunches and Heavy Windrows Without Damage to Loader.

Price, $60.00.

It is Absolutely Guaranteed.

Sold only by
F. H. EBELING.

THE NEW MODERN ENSILAGE AND MANURE CARRIERS.

The "GLOR"

NEW MODERN STANCHION
Iron or Wood.
Chain or Swivel Hung.

Light, durable, easy on the cow, yet holding her securely. Furnished with or without either wood or steel frame. Price, $1.50.

Litter Carrier, Double Trolleys and Chain, $30.00. Litter Carrier Single Trolleys and Single Chain, $25.00. Track, Including 10 inch hangers every 28 inches, per foot 18c. Switch Adjusters, complete, $5.00. Curves, Including 10-in. hangers every 14 inches, per foot 24c. Latches, each, 75c. Automatic Latch Shoes, 75c. 2 Way Switch, $2.00. Any parts breaking within a year as the result of defective material, will be replaced free of charge.

The following persons are using our Carriers: B. F. Hi'il, Chittenango; Pearl Peck, Earlville; Hubbs Bros, North Manlius; F. W. Fenner, Baldwinsville. Ensilage Carriers. George F. Carter, Court street, Syracuse; L. A. Faulkner, Court street, Syracuse; E. F. Evans, Skaneateles; George Olcott, East Syracuse; William Hiller, East Syracuse; B. W. Morey, Syracuse; Charles Condon, Court street, Syracuse; J. C. Mautz, East Syracuse; H. S. Munro, Camillus; M. J. Whelan, East Syracuse; G. Mautz, East Syracuse; G. A. Palmer, Clay; Charles Hessler, East Syracuse; W. E. Laid, Chittenango; Charles Williams, Elmwood; J. N. Dando, Skaneateles, and many others.
CYPHERS FIRE-PROOFED INSURABLE INCUBATORS AND BROODERS.

FOR 1910 We offer customers an extraordinary improvement in Incubators and Brooders. It is the talk of poultry raisers that Cyphers Incubator Company of Buffalo, N. Y., have succeeded in perfecting such an advance line of Fire-Proofed Incubators and Brooders that the National Board of Fire Underwriters has given them a special preference; has recognized them as superior fire-proofed machines; and in proof thereof has granted the Cyphers Company the right to affix to every inspected machine a metal label signifying that the machine comes up to their requirements and has therefore been passed by them.

SEE THIS INSURANCE LABEL
THE FIRST EVER GRANTED
on Incubators and Brooders. In future, therefore, our customers who buy Standard Cyphers Machines will find the label affixed to their machines. There is no other way to prove that an Incubator or Brooder is Fire-Proofed.

DON'T RISK YOUR LIFE AND PROPERTY BY
BUYING A MACHINE WITH NO LABEL.

The label protects you. It signifies that the machine bearing it has withstood the severe tests and inspection of the National Board of Fire Underwriters.

When you buy an Incubator or Brooder your first question will now be, Is it insurable? Does it bear the Insurance Label? After that comes the question—Is it the best Hatcher? If not, you don't want it. Buy the Incubator that has stood the test of hatching year after year and is acknowledged to be the best by the most successful poultrymen—those who have made money in the business.

The principle of construction that has made Cyphers Incubator the leader for the past twelve years remains unchanged. The non-moisture principle, the self-ventilating principle, the self-regulating principle, in fact, the whole-hatching principle is as it has been many successful years. This enables the manufacturers to guarantee more and stronger chicks than any other machine can hatch. It is well known that Cyphers Incubators are used by more Government Experiment Stations, large practical poultry plants, leading fanciers and exhibitors, and large, successful duck farms than all other makers combined. We will send you the proofs if you are interested enough to write for fully illustrated description of these superior machines.

SIZES AND PRICES.

<table>
<thead>
<tr>
<th>No.</th>
<th>Holds</th>
<th>Eggs</th>
<th>Price</th>
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<td>0</td>
<td>70</td>
<td></td>
<td>$15.00</td>
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<td>22.00</td>
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<tr>
<td>2</td>
<td>244</td>
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<td>32.00</td>
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<td>3</td>
<td>390</td>
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<td>38.00</td>
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CYPHERS UNEQUALLED INSURABLE COMBINATION BROODERS AND COLONY COOPS

FOR 1910 Cypthers Unequalled Brooders possess the same advantage over other makes that are possessed by their 1910 Incubators, in that they are Fire-Proofed and Insurable. They have been severely tested by the National Board of Fire Underwriters; have come up to their requirements; have therefore been passed by them, and have been granted the first Insurance Inspection Label ever issued on a Brooder. Experienced poultry men know that it is more important that a Brooder should be fire-proof than that an Incubator should be. The floor is covered with straw or other litter that easily catches fire. The machine is used outdoors and requires more heat to bring it to the proper temperature—a larger flame than an incubator. These conditions make it much more difficult to comply with the insurance companies' requirements; but after years of effort and experimenting the Cypthers Company has accomplished it; has complied with the new rules; has had its brooders inspected and passed; and in addition has constructed a better line of Brooders than has ever before been placed upon the market. It has often been said by users of Cypthers Brooders that

THEY MOTHER THE CHICKS BETTER THAN A HEN

Cypthers 1910 Brooders are all self-regulating and self-ventilating. The Outdoor Brooders are also usable as colony coops for the growing chicks. They are easily converted into colony coops by simply taking out the hover, which is made removable for that purpose. This double use of the brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. These outdoor brooders can also be used indoors, although we have a special brooder for indoor purposes.

In addition to this splendid line of Brooders we offer separately the Cypthers Adaptable Hover. It is designed to be used anywhere where heat is required for brooding chicks. It can be used in the corner of a colony house, hen house, barn or other building with or without any additional enclosure for the chicks. It is especially recommended for use in long brooding houses—a separate Adaptable Hover for each pen.

A second great advantage possessed by the Cypthers line of Brooders for 1910 is its self-regulating feature. Formerly the Self-Regulator was attached only to our highest priced brooder; but it was so well received that it is now attached to all Cypthers Company Brooders. It automatically regulates the heat in the Brooder at all times, whereas in brooders without the regulator the heat has to be governed by a continuous watching of the lamp and turning it up or down whenever more or less heat is required.

For your own sake, for your own safety when buying a Brooder ask Is it Insurable? Does it bear the Insurance Label? Write for our fully illustrated description of this leading line of Brooders.

SIZES AND PRICES.

Cypthers Fire-Proofed Brooders.
Adaptable Hover, 75 chicks $ 8.50
Style A Outdoor Brooder, 75 chicks $ 11.50
Style B Outdoor Brooder, 100 chicks $ 16.50
Style C Outdoor Brooder, 100 chicks $ 18.50
Style D Indoor Brooder, 75 chicks $ 11.50

Cypthers Combination Outdoor Brooder and Colony Coop for 1910 Pattern; Fire-Proofed; Insurable; Self-Regulating; Self-Ventilating. Inspected and passed by the National Board of Underwriters and bearing their Insurance Label.
CYPHERS CHICK FOOD.

**THESE PRICES SUBJECT TO CHANGE.**

This is a complete, scientifically compounded food, containing a mixture of many different seeds and granulated grains, properly proportioned to meet all the requirements of little chicks, from the shell to weaning age. No other food will produce as strong, sturdy chicks, or as rapid, healthy growth. Cypbers chick food is a granular food, intended to be fed in the litter. Full directions for feeding are on every bag. Put up in sealed bags only, bearing manufacturer’s trade-mark and guaranteed analysis.

Price, per 50 lb. bag, $1.50; 100 lb. bag, $2.75.

**CYPHERS DEVELOPING FOOD.**

Cypbers Developing food is a special food intended for properly maturing young chicks after they are ready to be weaned from chick food, and to carry them along to the age when it is desirable to place before them the larger whole grain. When the chicks are from six to eight weeks old they are able to eat and exhibit a preference for larger particles of grain than are found in our Chick Food. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer’s trade-mark and guaranteed analysis.

Price, 50 lb. bag, $1.25; 100 lb. bag, $2.25.

**CYPHERS FORCING FOOD.**

This is an ideal ground grain mash food mixture, especially designed to promote rapid growth. It contains, in addition to ground grains, a sufficient amount of meat food and sealed clover, making it ready for immediate use by simply mixing with the amount of water required to make a crumbly mash. It will produce well developed, plump, attractive broilers or roasters in the shortest possible time. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturer’s trade-mark and guaranteed analysis.

Price, 50 lb. bag, $1.25; 100 lb. bag, $2.25.

**CYPHERS SCRATCHING FOOD.**

This is the best dry grain mixture for feeding half-grown chicks or laying stock. It is made of seeds with whole and cut grains, proportioned to give the best results. Fed in the litter. It is the best exercised food ever offered for use of poultry. Full directions for feeding are in every bag. Put up in sealed bags only, bearing manufacturers’ trade-mark and guaranteed analysis. Price, 50 lb. bag, $1.15; 100 lb. bag, $2.25.

**CYPHERS LAYING FOOD.** Price, 50 lb. bag, $1.25; 100 lb. bag, $2.25.

**CYPHERS SHORT-CUT ALFALFA.** Price, 50 lb. bag, $1.25; 100 lb. bag, $2.00.

**MEASED ALFALFA.** Price, 50 lb. bag, $1.25; 100 lb. bag, $2.25.

**CYPHERS SHREDDED ALFALFA.** Price, 50 lb. bag, $1.25; 100 lb. bag, $2.00.

**EBELING'S POULTRY CHARCOAL.**

**EBELING'S CHARCOAL is especially prepared for poultry. It is carefully and uniformly graded. In just the right sizes, is free from ammonia or other dangerous poisons, contains no useless dust or dirt and is the best charcoal sold for poultry.**

It is manufactured in four grades: X (fine powdered), for mash foods and ducks; XX (fine granulated), for brooder chicks and dry chick food mixtures; XXX (medium granulated), for half grown fowls and pigeons; XXXX (coarse granulated), for full grown fowls, geese and turkeys. Put up in tight 50 pound bags. Price, per bag, $1.25.

**EBELING'S GUARANTEED EGG MAKER.**

We have been in the business of handling Poultry Supplies over twenty-five years. During this period we have handled scores of so-called Egg Foods, Egg Stimulants, Etc. Some of them have been good, some fair, most of them worthless. We offer **Ebeling’s Guaranteed Egg Maker** as a genuinely good and satisfactory Egg Food. We call it guaranteed because it is GUARANTEED to result in more eggs when used in accordance with directions accompanying each package.

**EBELING'S GUARANTEED EGG MAKER** is an honest article, contains nothing but tried and proven ingredients that stimulate in a natural and healthy manner the egg producing organs of the fowl and furnishes material for eggs, lots of eggs. The use of this food helps fowls over the moulting period, makes smooth and even feathers and builds up the system and keeps it built up. The use of Ebeling’s Guaranteed Egg Maker insures bright red blood and adds vigor and stamina to the entire flock.

Price, 42 cts. package (over two and one-half pounds) containing 70 feeds for 20 fowls, 25 cents per package.
For Prices of Goods on this page, see following two pages.

E. H. M. Poultry Fountains.

W. R. Poultry Fountains.

PHILADELPHIA

MANN'S CELEBRATED

POULTRY MARKER.

GREEN BONE CUTTER.

ANIMAL MEAL
MAKES HENS LAY.

GRANITE CRYSTAL GRIT MAGNIFIED.
Crystal Formation.

BEFORE.
Being Acted Upon by the Gizzard.

AFTER.

DIARRHOEA REMEDY
GUARANTEED TO RELIEVE WHITE DIARRHOEA
IN CHICKEN AND BOWEL DISORDERS IN POULTRY.

STERLING WORTH
STERLING CHEMICAL CO.

EUREKA NON-FREEZING.

EBELING'S GUARANTEED ROUP CURE
This Roop Cure is guaranteed to cure Roop where it is used according to the directions on this package, except in cases where the Roop is in the last and recoverable stage of the disease. In case it fails we will refund the price of the preparation.

ADJUSTABLE ALUMINUM LEG BANDS.

R A 9663

"THE BOSTON"
POULTRY DRY FEED HOPPER
Holds 1-2 Bushel.
Price, $1.25 and $2.50.

POULTRY SUPPLIES.
We call special attention to the last pages of this Catalogue which contain a complete list of Poultry Supplies. All goods guaranteed.
POULTRY

CYPHERS INCUBATOR, No. 0, 70-egg, $15.00

CYPHERS BROODERS

Cyphers Adaptable Hover, 75 chicks $ 8.50
Style A, Outdoor Brooder 75 " 12.50
" B " 100 " 16.00
" C " 150 " 18.50
" D " Indoor 200 " 21.00
Metal Parts for Style A Brooder 6.00
" " Colony without Regulator. 6.00
Metal Parts for Storm King, 400 " 6.00
" " " Hygienic, 6.00
Stoves (Cyphers Safety), 1.75
" (Cyphers Improved), 1.75
" (1907 Pattern), 1.50
Per lb, 1.00

BEEF SCRAP.

BEEF MEAL.

CRUSHED SHELL,

BONE, granulated, ex. quality, 4c. 2.75
BONE MEAL, Raw, 3c. 2.75
BLOOD MEAL, 3c. 2.00
ALFALFA, Short Cut, 2c. 2.00
" Shredded, 3c. 2.00
" " Mealed, 3c. 2.25

BANDS, Ideal Leg, 15c. 1.00

Champion, 15c. 1.00
Pigeon Leg, 25c. 2.00

BONE CUTTERS

Mann's, No. 5 C, with Crank Handle 6.00
" No. 5 B, with Balance Wheel 8.00
" No. 5 B M, with Iron Stand and Balance Wheel, 10.00
Mann's, No. 7, Balance Wheel, 12.00
No. 7 1-2, Semi-Power, 16.00
No. 9, with Balance Wheel and Iron Stand, 19.40
Mann's, No. 11, Power Machine, 26.00
No. 12, 30.00
CLOVER CUTTER, without stand, 8.50
" with stand, 10.50

BOXES FOR GRIT AND SHELL, each, .50

BOWKER'S ANIMAL MEAL, 10 lb. bags, .30
" 25 lb. bag, .65
" 50 lb. bag, 1.25
" 100 lb. bag, 2.25

BONE AND SHELL MILL (see Mill)

BOOKS—POULTRY

999 Questions and Answers, latest and best book on Poultry Raising. 1.00
Reliable Poultry Remedies, How to Prevent and Cure Diseases (84 pages). 25
Ducks and Geese, How to Succeed with Water Fowls (65 pages) .50
Turkeys, How to raise Turkeys Profitable (84 pages) .50
500 Questions and Answers in Poultry Raising .50

BROODER STOVES .1.75

CAPONIZING INSTRUMENTS (postpaid) 2.75
CEMENT (Tar Paint for Roofs), per gallon. $5.50; three gallons, 1.25
COOP, New Model Brood, 8.50
CHARCOAL, Nodi, 2 lb. carton, 10
50 " sack, 1.25
CUPS for Food and Water, each .15

CABINETS (Wood Revolving Egg (see Egg Cabinet)

COOPS, Cyphers No. 2, each .50
" No. 4 .60
" No. 6 .75

S U P P L I E S

W. H. EBELING, Seeds and Hardware.

CORN SHELLERS (Iron King), each .1.50
CAPONIZING SET, each .2.50
CANDLE, Sulphur Fumigating, each .15
COOKERS, Food, 30 gal. size, each .11.00

CUTTERS

Clover, Mann's, less Stand, 8.00
" " with Stand, 10.00
Banner Root, No. 7 .50
Fancier's Root, 1.00
Root, Pulley and Crank, No. 26, (Crank only), 11.00
EGGS for Hatching, Price on application
EGG Package Imperial (see Package)

EGG CABINET

Wood Revolving, 150-egg, 3.00
" 288-egg .5.00
" 560-egg .6.25
" 1000-egg .10.00
Wood's Pony, 72-egg, .75
EGG BOXES (Paper), 12 egg, per doz. .25
" 24-egg .45
EGG CARRIERS (Wire), 6 doz., each .1.20
" 9 " .15 .1.40
" 15 " .25 .1.40
" 30 " .75 .2.20
" 60 " .1.00 .2.50
EGG, Porcelain Nest, per doz .30
EXTRACTORS, each .25
EGGS, Medicated, per doz .49
" Preservative, 1 gal. jugs, each 1.00
EGG CASE, 30 doz. size, each .1.25

FOOD

Cyphers Chick, per lb., 3c.; per 100 2.75
" 500 1.50
" Forcing. 3c.; 100 2.25
" Scratching. 3c.; 50 1.25
" " 3c.; 100 2.25
" Developing. 3c.; 50 1.15
" " 100 2.25
" Laying. 3c.; 50 1.25
" 100 2.25

FOOD HOPPERS (see Hoppers).

FOOD HOLDERS, small, each .75
" medium, each 1.00
" large, each 1.25

FOUNTAINS

Wall, 1 gallon, each .50
" 2 " .75
Drinking, Galv. Iron, small, each .20
" " medium, each .25
" " large, each .35
" " special duck .50

FOUNTAIN (Warm Water Drinking), 3.00

FOOD OR WATER CUPS (see Cups).

12 $1.50 44 $3.10
18 2.00 48 3.75
24 2.25 60 4.50
30 2.75 72 5.00
36 3.00 84 5.75

Each roll contains 165 f. by long.

FENCING, REGULAR POULTRY, 2 inch mesh 2-inch mesh. 12-Inch: 12-inch mesh 48 inch
2 " 18 " 2 " 60 "
2 " 24 " 2 " 72 "
2 " 30 " 3 " 84 "
In full rolls 1-2c., per square foot.
Less than full rolls $.34c., per square foot.
Each roll contains 150 feet.

UNION LOCK POULTRY FENCE—A fence, not a netting. Price per roll of 12 rolls.
12-inch $1.57 48 inch 4.49
18 " 2.25 60 " 5.95
24 " 3.07 " 5.50
36 " 3.50
POULTRY SUPPLIES—Continued.

FLY PEST, Cyphers Anti, 1-2 gal., each, .. .50
GRIT, Grain of, each, .. .75
GRIT, Crystal Granite, in three sizes, X, XX, XXX Per lb., 2c.; per 100, .75
GRIT, Foul Health, per lb., 3c.; “ 100, 2.60
GUN, Jambo Powder, each, .. .25
GRITS, For Corn, for roasting, each, .. 1.00
Canada Peas, each, .. 2.40
Wheat, Red, .. 1.75
Buckwheat, .. 1.25
Millet, .. 1.75
HOUSE, Red Roof, each, .. 20.00
Suburban Portable, each, .. 25.00
Hare-Cartis Poultry, each, .. 20.00
Apex Poultry (no Runway), each, .. 10.00
Apex Poultry (with Runway), ea. .. 15.00
Cypher’s Colony, each, .. 5.00
HOPPERS, Dry Food, each, .. .75
KNIVES, Poultry Killing, each, .. .50
LICE REMEDIES (see Poultry)
MACHINE, Simplex Gramming, each, .. 10.00
MARKERS, Philadelphia Poultry, each, .. .25
MILL, Green Bone (see Bone Cutters)
Dry Bone and Shell (without stand) each, .. 5.00
MILL, Dry Bone and Shell (with Stand), each, .. 7.00
MILL, Tennessee Grinding, each, .. 2.00
(Extra Grinders for same), each, .. .25
Oriole Farm and Grist, No. 2 1-2, each, .. 5.00
MILL, Balance Wheel Grist, each, .. 2.25
MEDICAL AND SURGICAL CASE, Cypher’s Poultry, each, .. 3.00
MEDICAL CASE, Separate, each, .. 2.00
SURGICAL, .. 1.50
MOISTURE DEVICE, Automatic, each, .. 1.50
NEST WIRE, each, .. .15
NAPCREOL, 1 quart, each, .. .50
“ 2 “ .. .85
“ 4 “ .. .150
NESTS, Earthen Pigeon, each, 15c., doz., .. 1.75
PACKAGES, Imperial Egg, 15 egg, each, .. 2.25
“ 30 “ .. 2.75
“ 45 “ .. 3.75
PAINT, White Water (Painting inside of Dry Houses, per lb., 6c.; per 100, .. 6.00
PAINT (Liquid), 1 quart, .. .35
“ 2 “ .. .65
“ 1 gallon, .. 1.00
PERCH SUPPORT, Lice-Proof, per pair, .. .25
Pigeon, each, .. .10
PHILADELPHIA POULTRY MARKER, .. .25
POULTRY BOOKS (see Books)
POULTRY HOUSES AND FIXTURES Plans for Practical Building and Equipment (36 pages), (H), .. .35
200 Eggs a Year per Hen, and How to Get them, .. .50
Pigeons, all About Them, (Major Gilbert), Poultry Craft, .. 1.00
Broilers and Roasters, .. 1.50
Farm and Poultry Doctor, A Living from Poultry, Cyphers Series, Nos. 1 to 6, .. .50
“ No. 7, .. 1.00
“ No. 8, .. .25
POWDER, Lambert’s Linseed, 5 oz., .. 10
“ 15 “ .. 25
“ 48 “ .. .50
“ 100 “ .. 1.00
REGULATORS, Electric, each, .. 22.00
REMEDIES Cyphers Poultry (Case complete), each, .. 2.00
(Single Vials), each, .. .25
ROUP CURE, Ebeling’s Guaranteed, .. .50
“ Conkey’s, .. 25c. 50c. and 1.00
“ Rust’s, .. 25c. and .50
ROOT CUTTERS (see Cutters.)
ROOFING, Flutkote, 1-2 ply, per square, .. 1.75
“ 3 “ .. 2.25
“ 4 “ .. 2.95
“ 5 “ .. 4.00
Each roll contains one or two squares.
ROOFING, Cypher’s Red Rope, 100 square ft., per roll, .. .90
500 “ “ “ .. 4.00
ROOFING, Tar, 2-ply, 100 square feet, .. .85
“ 3 “ 100 “ “ .. 1.00
CAPS, Tin, per lb., .. .07
NAILS, per lb., .. .05
SHELVERS, Chicken, 6 feet, per lb., .. 4.50
“ 12 “ “ “ .. 7.00
SHELLS, Oyster, per 100, .. .60
Special price for larger lots.
SULPHUR FUMIGATING CANDLES (see Candles.)
SPRAY PUMPS, for Spraying White Wash, each, .. $3.00 and 5.00
SPRAYERS, Compressed Air, Galv. Iron, each, .. .50
SPRAYERS, .. 50c. .. 1.00
STAPLES, Fence, per lb., .. .05
“ Poultry Fence, per lb., .. .10
SHEETING, Waterproof, 25 yard lots, 4 inches wide, per yard, .. .25
SALT CAT, per lb., .. .20
“ per dozen, .. 1.75
Add 20c. extra for postage.
THERMOMETER, Incubator, each, .. .60
“ Brooder, unmounted, each, .. .45
THERMOMETER, Brooder, mounted, ea. .. .55
TESTERS, Practical Egg, each, .. 1.25
X Ray Egg, each, .. .25
Pedigree Egg, No. 0, each, .. 1.25
“ No. 1, .. 1.50
“ No. 2, .. 2.00
“ No. 3, .. 4.75
TOBACCO STEMS, 10 lb., .. 25
“ 50 “ .. 1.00
“ 100 “ .. 2.10
TRAP NESTS, each, .. 1.60
WIRE POULTRY NETTING (see Fencing.)
POULTRY FOOD, Pratt’s, per pkg., .. 25c. and .50
Lee’s Egg Maker, per pkg., .. 25c. and 2.00
“ Prolifer, per pkg., .. 25c. and .90
BIRD SEED AND SUPPLIES.
CANARY, 10c. per lb., 3 for .25
HEMP, 10c. .. 3 .. .25
BAPE, 10c. .. 3 .. .25
MILLET, 10c. .. 3 .. .25
MAW, 20c. .. 3 .. .50
UNHULED RICE, 10c. .. 3 .. .25
SUNFLOWER SEED, 10c. .. 3 .. .25
SHEPARD SONG RESTORER, per bottle, .. .25
MARSHALL’S .. 1” .. 1” .. .25
MOCKING BIRD, per bottle, .. .30
BIRD GRAVEL, 10c. pk, 3 for .25
CUTTLE BONE, per oz., .. .05
PEPPER SEED, per oz., .. .10
LETTUCE SEED, per oz., .. .05
PIGEON AND DOVE SUPPLIES.
CANADA PEAS, per bu., .. 2.00
CHOICE WHEAT, per bu., .. 1.75
YELLOW CORN, small kernels, per bu., .. 1.25
KAFFIR CORN, per bu., .. 1.25
MILLET, per bu., .. 1.50
HEMP, per lb., .. .08
FOUSTS HEALTH GRIT, per lb., 6c.; per 100, .. 2.00
DOG BISCUIT, 1 lb., 10c.; 3 lbs., 25c
F. H. Ebeling
SEEDS, GARDEN AND FARM SUPPLIES

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