

Historic, Archive Document

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

62173

THE I. W. SCOTT CO.

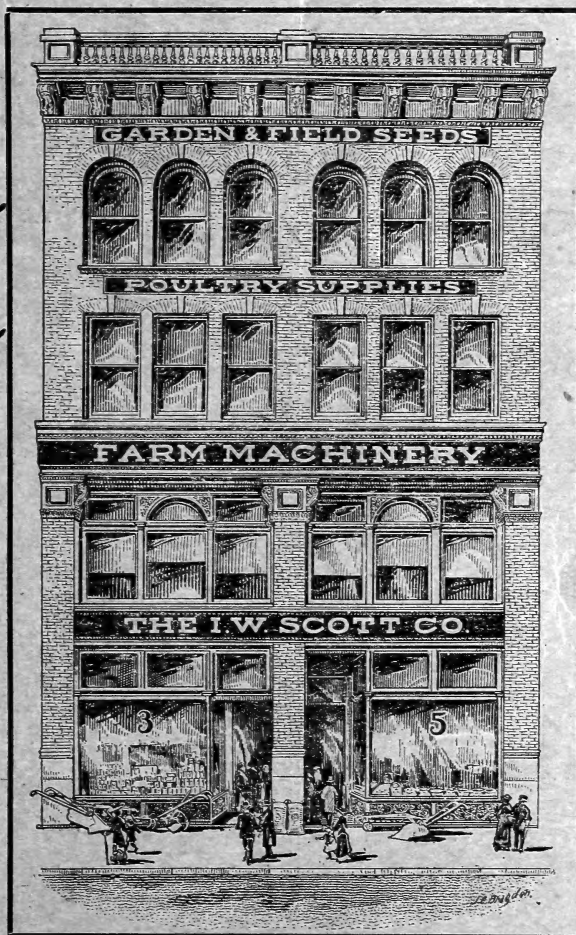
CATALOGUE

OF

AGRICULTURAL IMPLEMENTS

SEEDS

FARM AND GARDEN SUPPLIES



1876

1913



3 and 5 Graeme St. 514 Liberty Ave.

Near Diamond Market

PITTSBURGH, PA.

EVERYTHING FOR FARM, GARDEN AND POULTRY

INDEX

	Page		Page
Bottle Washer	93	Ladders	73
Bottle Filler	94	Lime Sowers	20-21
Barrel Headers	74	Lawn Mowers	83-85
Baskets	74	" Seed	50
Barb Wire	79	Mastica	70
Bolster Springs	90	Manure Spreaders	19
Bob Sleds	101-102	Mowers—Field	80
Cultivators	29-35	" Lawn	83-85
Corn Planters and Drills	23-26	Mail Box	85
" Graders	25	Pasteurizer	93
" Shellers	87	Plows—Walking	2-8
Cattle Stanchions	95	" Sulky	9-10
Cider Mills	87	" Sub Soil	4
Churns	92	" Shovel	35
Cream Separators	94-95	" Contractor's	4
Calf Feeders	95	Pulverizers—Cyclone	19
Dairy Supplies	92-95	Potatoes—Seed	37
Dusters	68	" Diggers	26
Doubletrees	90	" Planters	27
Dirt Bands	70	Pruning Tools	71-72
Earth Augers	86	Pumps	88
Engines—Gasoline	104	Rollers	19-20
Farmogerm	52	Rat Corn	98
Fertilizers	53-55	Rinser and Sterilizer	93
Fertilizer Sowers	20-21	Roofing	91
Fruit Packages	74	Roofing Paint	91
Fence	75-78	Seeds—Vegetable	38-50
" Tools	77-79	" Flower	50-51
Fanning Mills	87	" Field	52
Feed Cookers	96	Seed Potatoes	37
Gates	78	" Drills—Planet Jr.	31
Grindstones	86	" Sowers	22
Garden Barrows	85	Sprayers	61-67
" Hoes and Weeders	36	Shipping Crates	74
Grain Binders	80	Stock Feeds	98
" Cradles	82	Stock Remedies	96-97
Gasoline Engines	104	Sleds and Sleighs	101-102
Harrows	11-18	Stanchions	95
Hay Rakes	80-81	Weeders	28
" Tedders	80	White Washing Machines	67
" Loaders	81	Wire	79
" Rack	81	" Stretchers	79
" Forks and Fixtures	82	Wheelbarrows	85
Hot Bed Sash	69	Wagons	103
Incubators	99-100	Washing Machines	89
Insecticides	56-60		

Our 50-Page Poultry Supply Catalogue will be Mailed Free on Request

ESTABLISHED 1876

INCORPORATED 1909

THE I. W. SCOTT CO.

1913

CATALOGUE OF

Agricultural Implements Farm and Garden Supplies

IN THIS, OUR 1913 CATALOGUE, we aim to illustrate and describe briefly our leading lines of agricultural implements and farm and garden requisites. We would advise, however, that we carry many lines of goods in stock that are not listed in this catalogue, and for this reason invite correspondence regarding the wants of our customers. If we cannot furnish the article inquired for we will endeavor to inform the inquirer where it can be had.

Our **POULTRY SUPPLY CATALOGUE**, illustrating and describing a full line of up-to-date requisites for poultry raising and egg production, including an unsurpassed line of poultry feeds will be mailed free.

While the prices named in this catalogue are our regular selling prices, we give a reasonable discount for cash on many lines of goods. As this discount varies on different lines, customers should write for special discounts.

We extend to our old friends and customers our heartiest thanks for their generous patronage in the past and trusting to be deserving of their future favors, as well as the patronage of the numerous company of new agriculturists who are looking to the soil for pleasure and profit, we are,

Very truly yours,

THE I. W. SCOTT COMPANY.

WIARD PLOWS

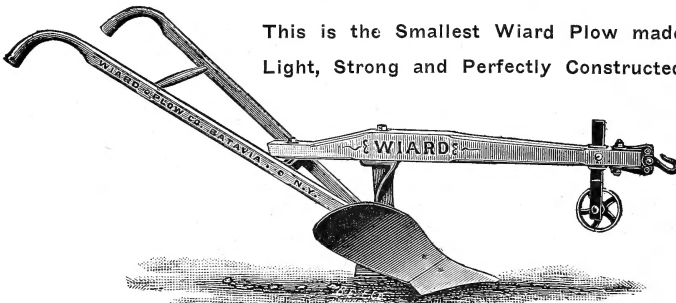
The Wiard Plows have been continuously manufactured for more than a century. Their history has been a record of constant improvement in efficiency, strength and durability, and they are today recognized as leaders in this class of Agricultural Implements.

The real quality of an implement is shown, not by what its makers claim for it, but by the results which it gives in the hands of the average user. Therefore, go to the farmer, whom you consider fair and without prejudice, and see what he says about Wiard Implements; in other words, "Ask the man who owns one."

Space will permit of our showing but a few of the leading styles adapted to Pennsylvania soils, and customers who do not find the plow they are looking for, described herein are requested to ask for our complete catalogue, which will be mailed free.

WIARD ONE-HORSE PLOWS

This is the Smallest Wiard Plow made,
Light, Strong and Perfectly Constructed.



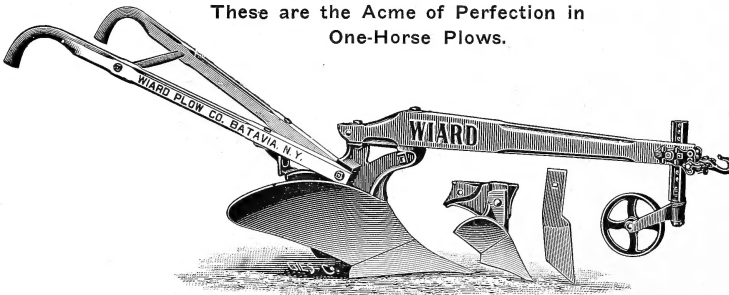
No. 62—Right Hand—Chilled Moldboard.

Capacity 3 to 5 inches deep, 6 to 8 inches wide, weight 40 pounds.

PRICE.

Plain	\$3.50
Wheel extra	1.00

These are the Acme of Perfection in
One-Horse Plows.



No. 10C—Right Hand—Chilled Moldboard.

No. 10C—Capacity 4 to 7 inches deep, 6 to 11 inches wide, weight 77 pounds.

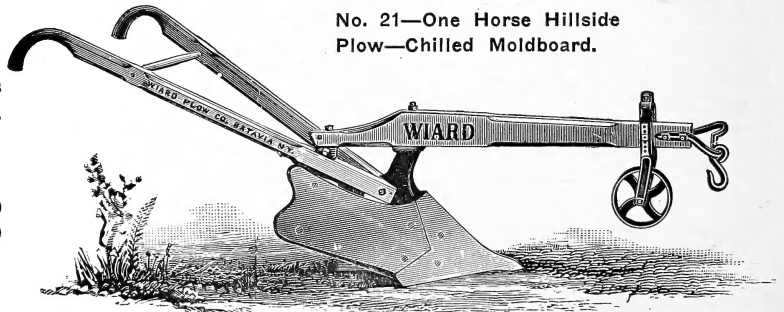
PRICE.

Plain	\$6.75
Wheel Extra	1.00
Jointer Extra	1.50

Capacity 4 to 7 inches
deep, 6 to 10 inches wide,
weight 77 pounds.

PRICE.

Plain	\$7.50
Wheel extra	1.00

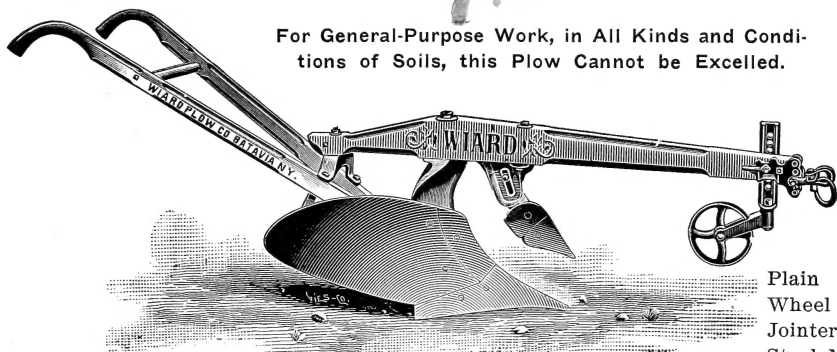


No. 21—One Horse Hillside
Plow—Chilled Moldboard.

A Full Line of Extras for Wiard, Oliver, Gale, and South Bend Plows Always in Stock. Accept None but the "Genuine."

WIARD TWO-HORSE PLOWS

The Plows shown on this and the following page are constructed with special reference to obtaining the greatest strength with least weight. They have been thoroughly tested by hundreds of farmers in all kinds and conditions of soil and are unexcelled for general purpose work.



For General-Purpose Work, in All Kinds and Conditions of Soils, this Plow Cannot be Exceeded.

PRICES.

Plain	\$8.75
Wheel extra	1.25
Jointer extra	2.00
Steel Mlbd. extra	1.25

No. 26 $\frac{1}{2}$ —Two Horse—Right Hand.

Capacity 5 to 8 inches deep, 10 to 14 inches wide, weight 115 pounds.

One of the Old Reliables
and a leader yet.

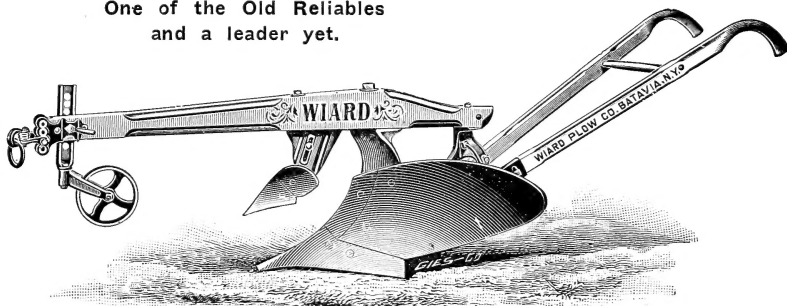
PRICES.

No. 27.

Plain	\$8.75
Wheel extra	1.25
Jointer extra	2.00
Steel Mlbd. extra	1.25

No. 28.

Add 25c to prices of No. 27.

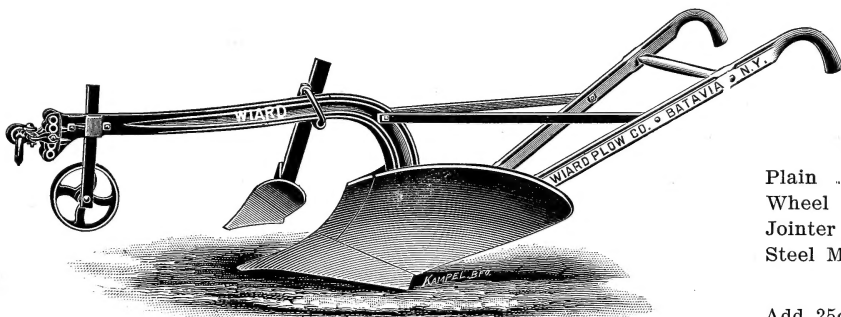


Two-Horse—Left Hand.

No. 27—Capacity 6 to 8 inches deep, 10 to 14 inches wide, weight 105 pounds.

No. 28—Capacity 7 to 9 inches deep, 12 to 16 inches wide, weight 112 pounds.

WIARD PATENT STEEL BEAM PLOWS



PRICES.

No. 103 or 43.

Plain	\$8.50
Wheel extra	1.00
Jointer extra	2.00
Steel Mlbd. extra	1.25

No. 104 or 44.

Add 25c to prices of No. 103

Chilled or Steel Moldboards, Left Hand.

No.	Size.	Capacity.	Weight.
103	Two-horse.	4 to 7 inches deep, 9 to 13 inches wide.	120 lbs.
104	Two or three-horse.	5 to 8 inches deep, 11 to 15 inches wide.	130 lbs.

The above shows our latest "New Pattern" series of combination, grooved steel beam, general purpose plows.

The No. 103 is a two-horse plow of medium capacity, and is suited to either sod or stubble plowing.

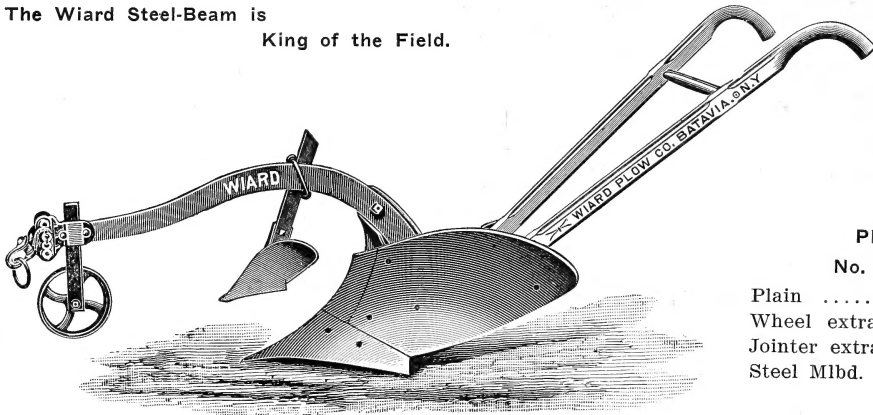
The No. 104 is a regular two or three-horse plow, suited to all soils.

No. 43, Right Hand, same as No. 103 Left Hand.

No. 44, Right Hand, same as No. 104 Left Hand.

WIARD PATENT STEEL BEAM PLOWS

The Wiard Steel-Beam is
King of the Field.



PRICES.

No. 81 or 91.

Plain	\$9.00
Wheel extra	1.00
Jointer extra	2.00
Steel Mbd. extra	1.25

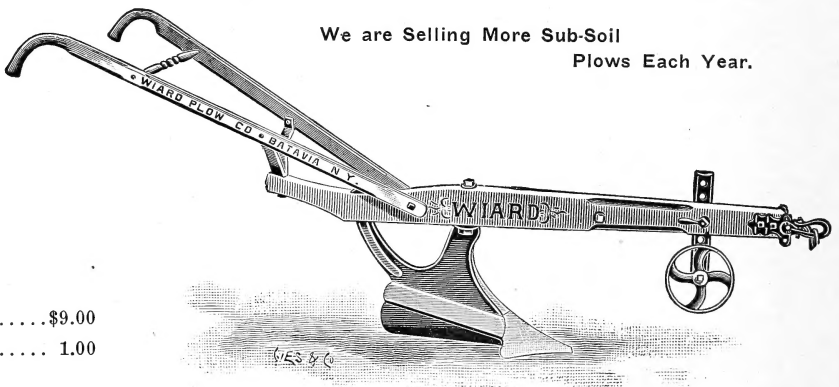
No. 81—Left Hand. No. 91—Right Hand.

Capacity 5 to 8 in. deep, 10 to 14 in. wide, weight 128 lbs.

This is one of the most popular series of plows on the market. While they are light both in weight and draft, they are very strong. The moldboards have superior turning qualities, and they are adapted to all conditions of soil. They are so balanced that they handle easily. They have great strength and wearing qualities.

WIARD SUB-SOIL OR DITCHING PLOWS

We are Selling More Sub-Soil
Plows Each Year.



PRICE.

Plain	\$9.00
Wheel extra	1.00

Right Hand, Sub-Soil. Weight 106 lbs.

A strong and serviceable sub-soil plow, intended to follow in the furrow of the turning plow, and to loosen the soil in the bottom of the furrow from three to six inches deep.

This plow is being used by some of our best practical farmers, and is especially adapted for use in the culture of crops, where deep cultivation gives the best results. For ditching purposes it has no equal.

WIARD ROAD OR CONTRACTORS' PLOWS

The Wiard line of Road and Contractors' Plows is unexcelled. They are made in different sizes, and are used extensively in Township Road Work, Excavating and Grading.

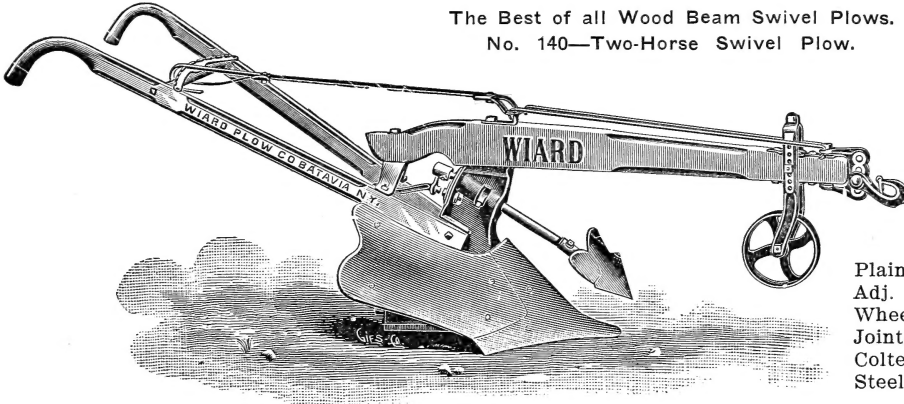
A special Catalogue and Prices will be mailed on request.

WIARD SWIVEL PLOWS

The Wiard Swivel Plows are so well known throughout Pennsylvania that a detailed account of their merits seems unnecessary here.

All of the Two-Horse Plows shown here are furnished with either Common or Adjustable Clevis, as shown in the illustrations.

The Best of all Wood Beam Swivel Plows.
No. 140—Two-Horse Swivel Plow.



PRICES.

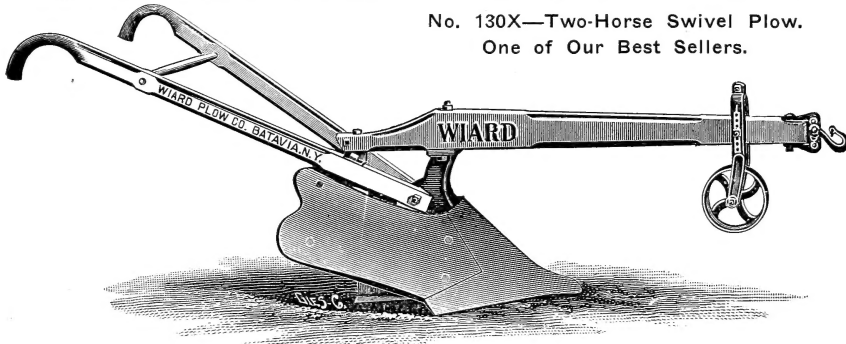
Plain	\$8.25
Adj. Clevis extra	1.00
Wheel extra	1.00
Jointer extra	2.00
Colter extra	2.00
Steel Mlbd. extra	1.25

(Above cut shows plow with adjustable clevis.)

Capacity 5 to 8 in. deep, 10 to 13 in. wide, weight 115 lbs.

This is the most superb of all Wood-Beam Swivel Plows. It has a strong, high standard and long shoe, making it one of the most steady running plows in our list.

No. 130X—Two-Horse Swivel Plow.
One of Our Best Sellers.



PRICES.

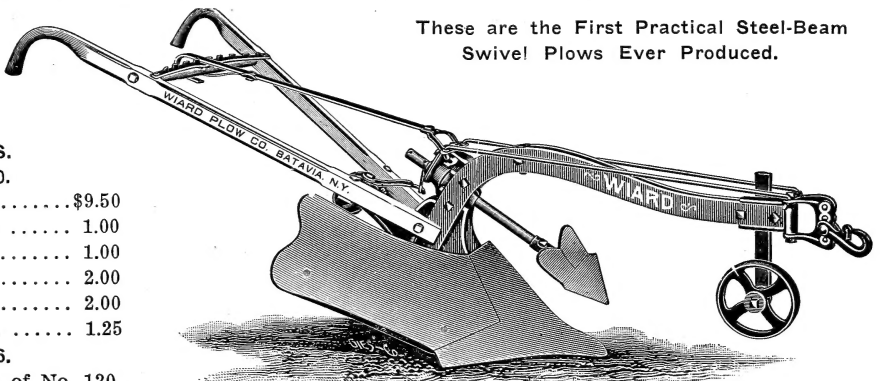
Plain	\$8.00
Adj. Clevis extra	1.00
Wheel extra	1.00
Colter extra	2.00
Steel Mlbd. extra	1.25

(Above cut shows plow with Common Clevis.)

This plow has about the same capacity as the No. 140, the wearing parts being the same except the shoe. The outlines are somewhat different, as shown by the cut, and the plow is lighter. It can be fitted with either cast-iron or soft center-steel moldboard, adjustable clevis and adjustable automatic colter. This plow has been on the market for many years and has stood the test of time. Capacity 5 to 8 in. deep, 10 to 13 in. wide, weight 104 lbs.

WIARD PATENT STEEL BEAM SWIVEL PLOWS

These are the First Practical Steel-Beam Swivel Plows Ever Produced.



PRICES.

No. 120.

Plain	\$9.50
Adj. Clevis extra	1.00
Wheel extra	1.00
Jointer extra	2.00
Colter extra	2.00
Steel Mlbd. extra	1.25

No. 126.

Add 75c to prices of No. 120.

No. 120—Capacity 5 to 8 in. deep, 10 to 13 in. wide, weight 118 lbs.

No. 126—Capacity 5 to 8 in. deep, 12 to 15 in. wide, weight 139 lbs.

The beams are of highest grade forged steel, and are stronger than any other beam made. They are so adjusted that the plow works perfectly when reversed either way, and all the parts are attached in the simplest but strongest manner.

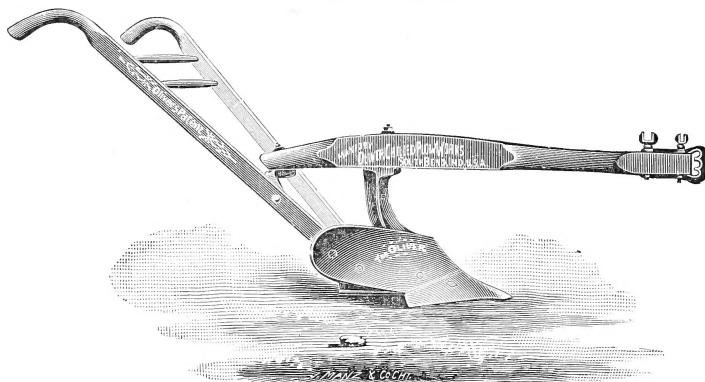
OLIVER CHILLED PLOWS

The Oliver Chilled Plow needs no introduction to the Pennsylvania farmer. So great is the popularity of these Plows that unscrupulous parties are seeking to trade upon their good name by making and offering for sale imitation Plows and parts as genuine.

We have space to show but a few of the leading favorites among Pennsylvania farmers, but will send a complete catalogue on request.

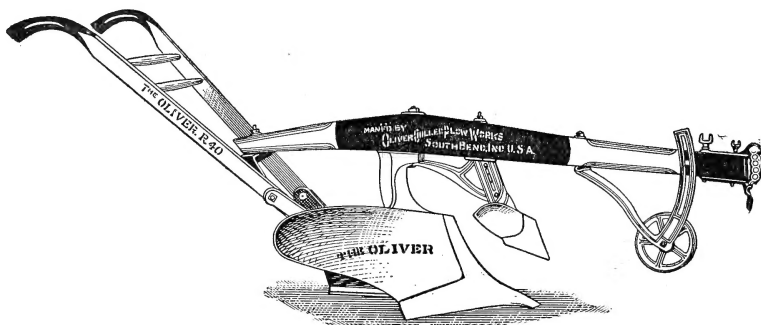
THE "B N" WOOD BEAM, FULL CHILLED, SLOPING LANDSLIDE

RIGHT HAND ONLY.



The "BN" Plow is a light one-horse plow. It will turn a furrow 5x10 inches, and is a prime favorite.

THE No. 40 N WOOD BEAM, FULL CHILLED, SLOPING LANDSLIDE RIGHT AND LEFT HAND



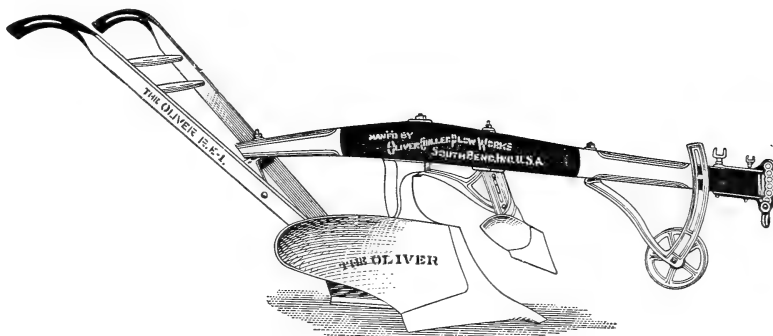
The No. 40 N is a two or three-horse plow, first class in all respects and immensely popular, its sales exceeding those of any other plow in use. Always reliable, its great capacity, steady running and turning qualities, make it valuable in sandy or alluvial lands, and on farms containing a variety of soils. On hilly land it is unrivaled, and for a general purpose plow has no equal. It will turn a furrow 9x16 inches.

FOR PRICES SEE NEXT PAGE.

A Full Line of Extras for the Wiard, Oliver, Gale and South Bend Plows Always in Stock.
Accept None But the "Genuine."

OLIVER CHILLED PLOWS

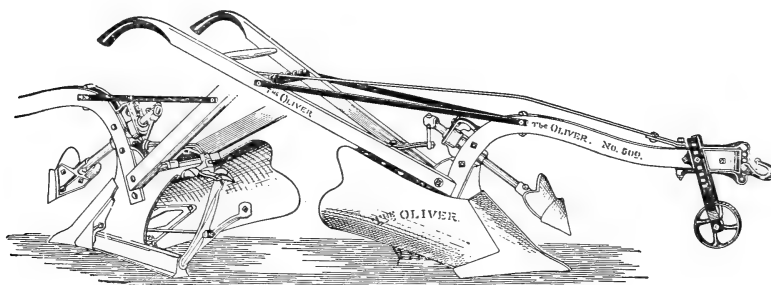
THE E-1 N WOOD BEAM ONLY, FULL CHILLED, SLOPING LANDSIDE RIGHT AND LEFT HAND



The E-1 N Plow is a very popular heavy two-horse or light three-horse plow, and intended for general purpose work. Capacity 7x14 in.

No. 509 HILLSIDE. STEEL TRUSSED BEAM

Capacity 5 to 8 in. deep, by 12 to 15 in. wide.



The above illustration shows a new and very neat pattern of hillside plow, which possesses so many valuable features as to make it a leader of its class. It is lined to work perfectly when reversed either way and all the parts are attached in the simplest yet strongest manner. Light in weight, light in draft and the shape and turning qualities are A-1. Bottoms are long, insuring steadiness and ease of handling.

PRICES OF OLIVER PLOWS.

(Wheels and Jointers Extra as Below.)

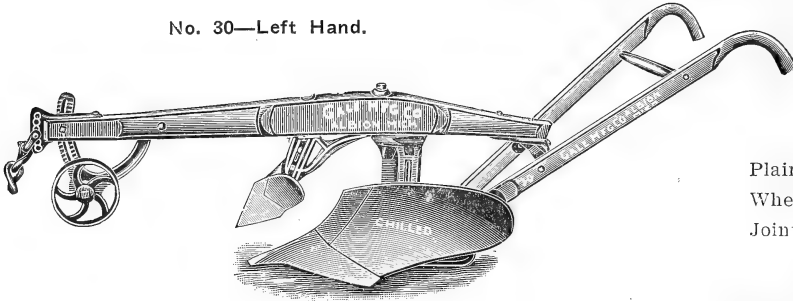
No. A-2—Wood or Steel Beam Right Hand, One Horse	\$ 5.00
No. B-N—Wood or Steel Beam Right Hand, One Horse	6.50
No. 10-N—Wood or Steel Beam R. or L. Hand, One Horse	7.25
No. 13-N—Wood or Steel Beam R. or L. Hand, Two Horse	7.75
No. 20-N—Wood or Steel Beam R. or L. Hand, Two Horse	9.25
No. E-1-N—Wood Beam R. or L. Hand, Two Horse	9.50
No. 40-N—Wood or Steel Beam R. or L. Hand, Two Horse	9.50
No. 83—Steel Beam R. or L. Hand, Two Horse	8.75
No. 84—Steel Beam R. or L. Hand, Two Horse	9.25
No. 51—Wood Beam Hillside, One Horse.....	6.00
No. 57—Wood Beam Hillside, Two Horse.....	9.50
No. 508—Steel Beam Hillside, Two Horse.....	11.00
No. 509—Steel Beam Hillside, Two Horse.....	11.50

EXTRAS.

Wheel Rigs for One Horse Plows, extra.....	\$.75
Wheel Rigs for Two Horse Plows, extra.....	1.00
Jointer Rigs for One Horse Plows and No. 13, extra	1.50
Jointer Rigs for Two Horse Plows, extra	2.00

GALE WOOD BEAM CHILLED PLOWS

No. 30—Left Hand.



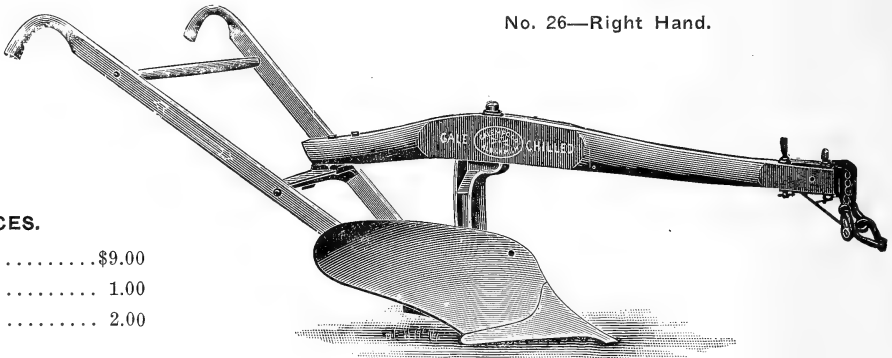
PRICES.

Plain	\$9.00
Wheel extra	1.00
Jointer extra	2.00

Capacity 6½ to 7½ inches deep, 13 to 15 inches wide, weight, as shown above, 132 lbs. Weight of Plain Plow, 106 lbs.

One of our most popular plows. It is unexcelled as a general purpose plow, and there are hundreds of them in use in Western Pennsylvania. We can highly recommend them.

No. 26—Right Hand.



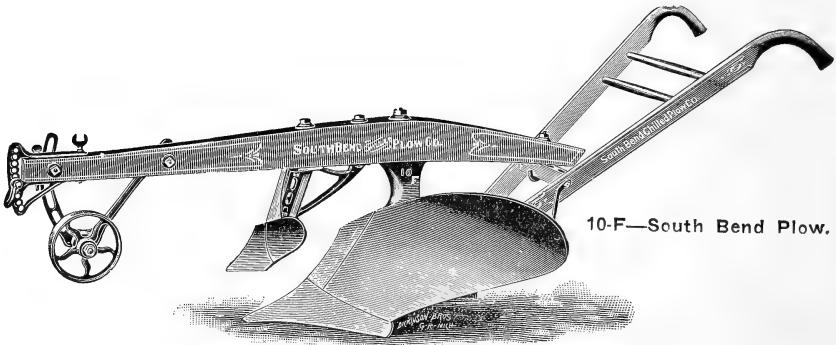
PRICES.

Plain	\$9.00
Wheel extra	1.00
Jointer extra	2.00

Capacity 7 to 8 inches deep by 14 to 15 inches wide.

Similar to No. 30 Left Hand, only a trifle lighter. This plow has long been a favorite with those who prefer a right-hand plow.

South Bend Chilled Plows



10-F—South Bend Plow.

South Bend Plows have been used with unvarying success for the past twenty years and are favorably known throughout Western Pennsylvania.

The 10-F Plow shown above is made in Right and Left Hand with Chilled Moldboard and is a great favorite among plowmen. It has a high moldboard and great furrow capacity.

PRICES.

No. 1-B—One Horse Right Hand, Wood Beam	\$ 5.00
No. 2 —One Horse Right or Left Hand, Wood Beam	6.50
No. 4 —Two Horse Right or Left Hand, Wood Beam	8.75
No. 10-F—Two Horse Right or Left Hand, Wood or Steel Beam.....	8.75
No. 15 —Two Horse Right Hand, Wood Beam	8.75
No. 302 —One Horse Hillside, Wood Beam.....	6.25
No. 305 —Two Horse Hillside, Steel Beam.....	9.75
No. 306 —Two Horse Hillside, Wood Beam.....	9.00
Jointer, extra for any of above plows	2.00
Wheel, extra for any of above plows	1.00

Wiard Reversible Sulky Plow



The Wiard (New Model Reversible or Two-Way, Power Lift Sulky Plow Lift and Trip Operated by Hand or Foot), with Shifting Pole, Automatic Shifting Clevis and Adjustable Tilting Seat and Steel Wheels.

No. 400—Two or Three-Horse—Weight 550 lbs.

The Double Sulky can be fitted with the following bottoms:

Nos. 100 right and 95 left. Cuts 6 to 9 in. deep, 10 to 14 in. wide. With Steel Molds only.

Nos. 43 right and 103 left. Cuts 4 to 7 in. deep, 9 to 13 in. wide. With Chilled or Steel Molds.

Nos. 44 right and 104 left. Cuts 5 to 8 in. deep, 11 to 15 in. wide. With Chilled or Steel Molds.

This Sulky is adapted to all soils, leaves no ridges or dead furrows and does perfect work on either level land or side hill.

It is very simple, easy to handle and is lightly constructed, the material used being mostly steel and malleable iron, making it very strong and durable.

As shown in the illustration, there are two plows, one right and one left hand, both operated by separate levers and having AN AUTOMATIC POWER LIFT which can be operated by the driver from the seat either by the use of a trip lever operated by the foot, or by a hand trip lever which can be operated by the driver either when riding or walking. The Plows have the highest grade chilled iron or soft-center steel moldboards, and either forged steel or cast iron points as ordered, and can be fitted with jointer or plain colter, as desired.

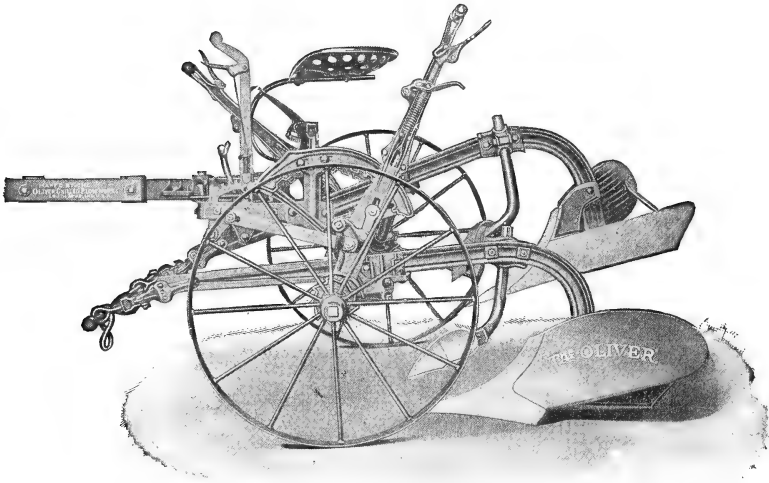
The Pole Shifter is operated by a hand lever, which enables the plowman while riding or walking to shift the pole either to the right or left at any angle desired, to suit the team and get the proper width of furrow, either on flat land or side hill, without side draft.

The Automatic (Power Lift) Foot Trip operated as follows: The plow is lifted from the furrow by the team while in motion, by pressure of the foot on the foot trip lever, until the plow begins to lift and the lever moves forward, which will then release and lock itself in place. The lift can also be operated by hand by the driver, either from the seat when riding, or when walking behind. It unlocks by pressure of the foot on the foot trip or by hand by pressure of the upper rear handle of dog, lowering the plow.

PRICE.

Complete with either chilled or soft center steel Moldboards, Jointers or plain Colters, cast-iron points, two and three-horse whiffletrees.....	\$50.00
Fitted with Forged Steel Points	Extra \$ 4.00

The Oliver No. 23 D Reversible Sulky Plow



Fitted with either No. 83 or 84 Chilled or Steel Bottom.

In sections where this plow has been used, it has become very popular, which has been proven by the sales which have grown by leaps and bounds.

By means of the "horse-lift" which is brought into play by simply pressing forward slightly on the foot trip, the operator's work is diminished by fully one-half and it is not necessary to lean way back in an uncomfortable and often unsafe position to use the hand lever. With this plow the operator can keep his eyes on his team and his hands on the reins, the feet only are needed in order to raise the plow.

Second only to this important improvement is the simple and easily operated tilting device connected with the seat of this sulky, which when plowing along hillside while the machine is, of course, leaning down hill, makes it very easy for the operator to keep a level seat and maintain the equilibrium of the plow.

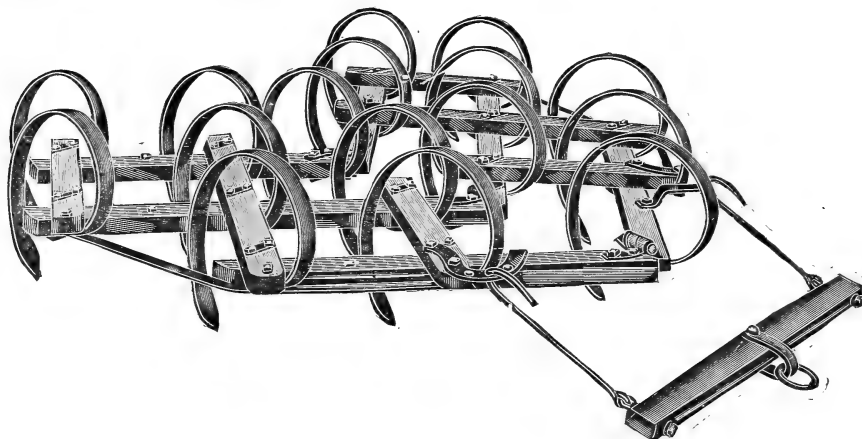
Additional distinct points of advantage are the most approved and convenient guiding lever most effectively applied, and the greater range of pole-shift for hillside plowing. The turn table on beam makes it possible to land the plow to suit any and all conditions—changing the plow for use with two or three horses is a simple and easy matter—a draft device is provided that is sure to work satisfactorily—and the hitch never fails to operate correctly.

PRICE.

Complete with either Chilled or Steel Moldboards, Chilled Shares, Jointers, either

Two or Three Horse Hitch \$52.00

The Pittsburgh Perry Wood Frame Harrow



WOOD FRAME STEEL LINED HARROW

Lined, Guarded, Protected Bolt Heads, Perfect Tooth Seat, Adjustable Hitch

THE BEST OF THE "WOOD FRAMES"

The Best Wood Frame Harrow on the market. Beams full 3 inches; linings No. 12 gauge steel; bolts $\frac{3}{8}$ inch; teeth are full length and weight, tempered in oil and fully warranted; our tooth fasteners are channel steel. Steel Braces support and strengthen the outer end of the Harrow.

These Harrows are well made and hinged properly so that they will not buckle in the middle, but ride evenly, pulling all teeth in the ground at about an even depth.

Price with 16 Teeth \$ 9.00

Price with 18 Teeth 10.00

Badger Spring Tooth Lever Harrow

G1.



A Runner Frame Harrow—the popular style frame—and holds a prominent position with the trade. It has stood the test of years. Kept thoroughly improved and up-to-date.

ONLY THREE RUNNERS—Of angle steel are used on the Badger, which give the Harrow great clearance and avoid clogging. This construction also causes the Harrow to always run steadily and cut uniformly. All the runners have steel renewable shoes. The nose of the Harrow is sloped so as to easily avoid obstructions.

TOOTH BARS—Of $\frac{1}{4}$ inch diameter steel pipe make a very strong frame, with light weight. These bars are attached to the malleable frame brackets by steel rods running the whole length of pipe on the inside. The Badger also has Patented Tooth Clips.

Price with 15 Teeth.....\$14.00

Price with 17 Teeth..... 15.00

THE "EUREKA" Combination Wood and Steel Harrow

E. C. 1.



THE "EUREKA" COMBINATION HARROW has a construction which is far superior to the usual wood frame harrow, and has as long life as an all steel harrow.

It is made with channel steel tooth bars and wood cross bars. All parts that are subject to any wear are steel or malleable iron.

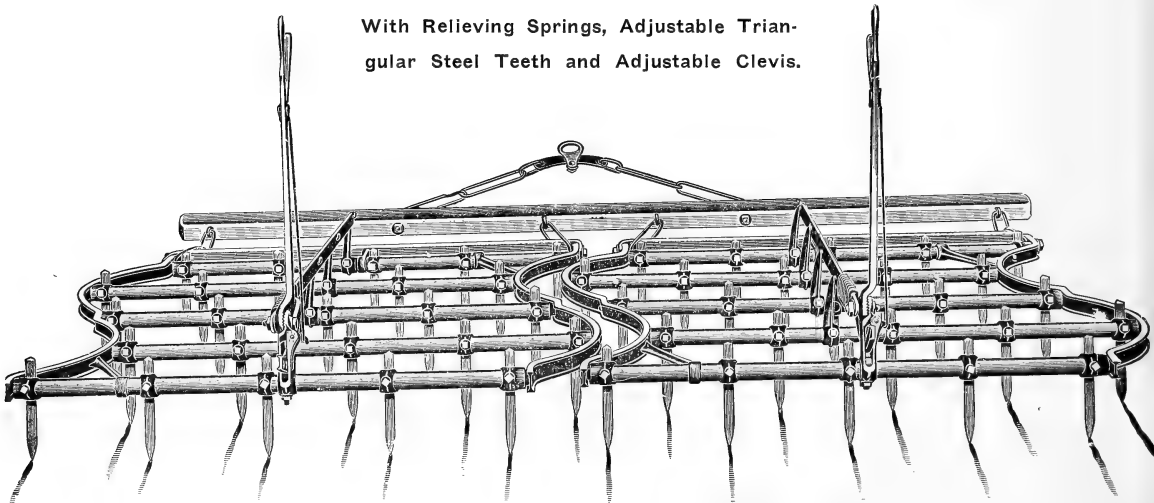
The tooth clips are malleable. The legs of the channel bars hold the clips in perfect alignment and prevent wear of the clips and heads of bolts. Neither the clips nor teeth come in contact with the wood cross bars.

Fenders or guards are attached to each frame to brace the frames and prevent bars catching on fences or obstructions.

Price with 16 Teeth.....\$10.00
Price with 18 Teeth..... 11.00

Pittsburgh Spike-Tooth Lever Harrow

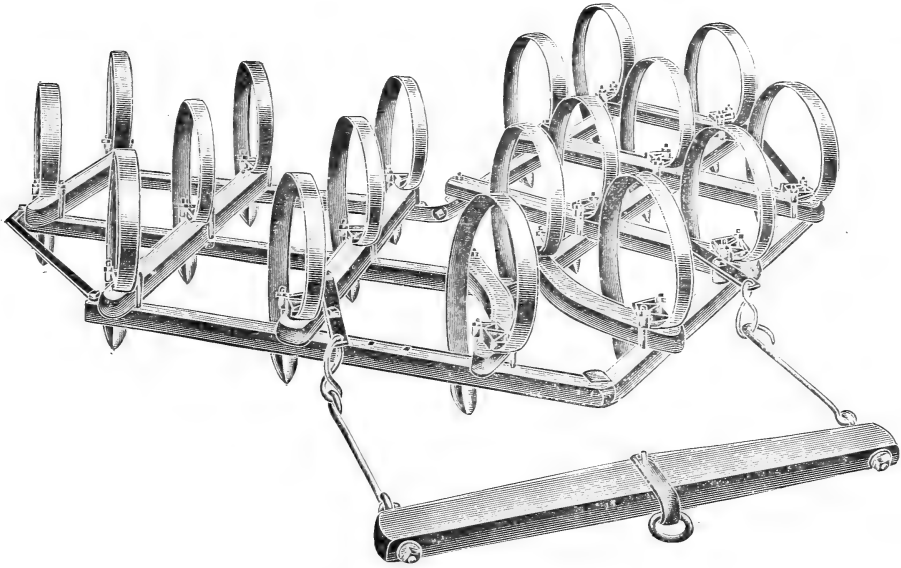
With Relieving Springs, Adjustable Triangular Steel Teeth and Adjustable Clevis.



The Relieving Springs in this harrow allow the teeth to yield in meeting an obstruction, thus saving the strain and breakage not only on the teeth but on the frame as well, combining all the advantages of the spring-tooth with the even cutting of the spike-tooth harrow. By means of the levers the teeth can be thrown in a perpendicular position, or at any angle. For transportation purposes they can be thrown clear of the ground allowing the harrow to rest entirely on the shoes. This makes this harrow not only a good general purpose harrow, but an excellent smoothing harrow as well, and will answer the purpose of a weeder for the first cultivation of corn and potatoes.

Price with 50 Teeth.....\$12.00
Price with 60 Teeth..... 12.50

PITTSBURGH COMBINATION HARROW



The illustration tells the story—a strong, simple and efficient Harrow.

BEAMS—The under side of the Pittsburgh Combination Harrow is constructed of high carbon angle steel beams, and the upper side of best OAK beams, so there is no wear against the wood parts.

TEETH—Best spring steel, formed so that the pitch can be changed to suit the operator. They fasten on top of the frame and the bolt heads are protected so they will not wear off. This harrow is taking the place of the Perry Wood Frame Spring Tooth Harrow.

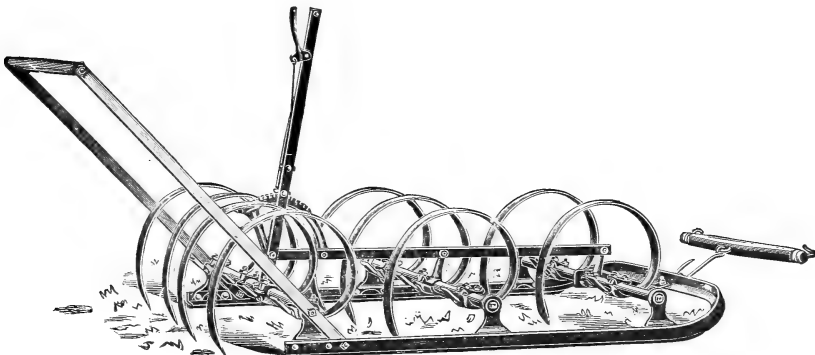
STUMP GUARDS (or Braces), placed to protect the frame and make it perfectly rigid.

PRICES.

With 16 Spring Teeth\$10.00

With 18 Spring Teeth\$11.00

Badger Nine-Tooth Lever Harrow



A very popular Harrow, and is used extensively for gardens, small farms and orchards. It is neat and perfect in construction and very strong, and is thoroughly guaranteed. Made entirely of steel and malleable iron.

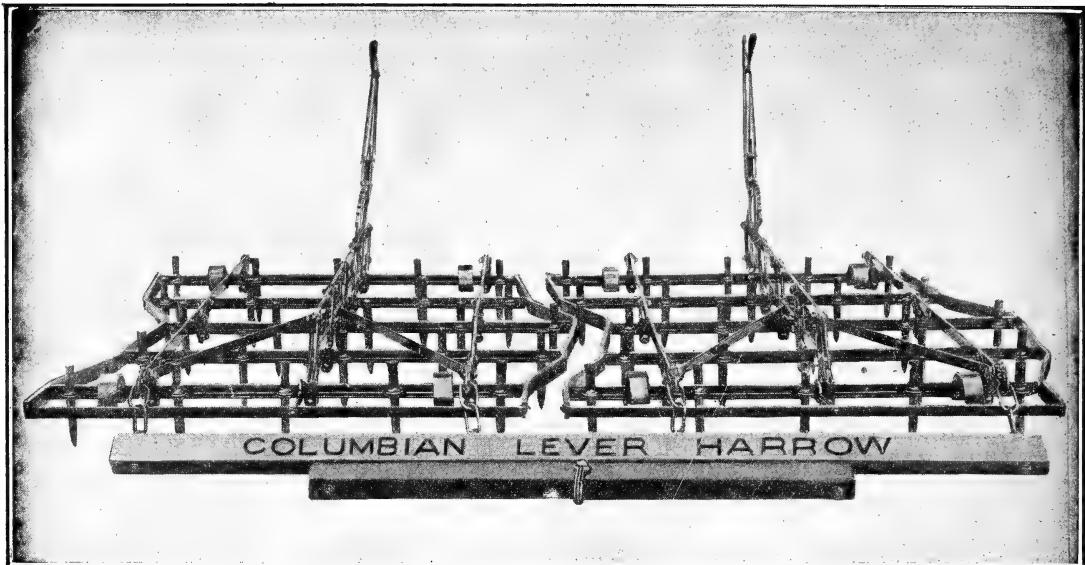
By using firmly attached steel handles, the operator controls the Harrow the same as a cultivator.

The frame is made in one piece, of angle steel, the same size and weight as used on the two-horse Harrows, and is sloped at the front to easily avoid obstructions. It also has steel renewable shoes. Width 36 inches.

Price with handles complete \$9.00

“Columbian” Steel Lever Harrow

WITH CLOSED ENDS



The Columbian Harrow is made with Lever Adjustment, so that the teeth can be changed to any slope quickly and with little exertion on the part of the operator.

The main bars are U-shaped, and made especially for Harrow purposes, from an extra quality of steel, very high in carbon, which insures it against bending, even under the most severe strain. The Cross Bars and Braces are rolled flat from same kind of material. Great pains have been taken in preparing the patterns for the different parts, so that when put together they will be free from “lost motion,” and respond quickly to the action of the Lever.

This Lever is placed within easy reach, and any slant can be given the teeth, without having to stop team. The Tooth Clamp is without doubt the best yet devised, and consists of stirrup bolt and back and front boxing. When fastened with this device, the teeth would not be more rigid if a part of the bar itself. Teeth can be raised or lowered any distance, and any size can be used, from one-half inch square to seven-eighths inch square. Does not require any particular make of teeth, so that dealers are relieved of the annoyance of keeping special stock to supply extras as they may be called for to replace those that have become worn. The Stirrup Bolt Clamp is fixed to take the common stock teeth carried by all dealers, in sizes above named. Is securely braced and nicely finished.

PRICE.

With 50 Teeth	\$11.00
With 60 Teeth	11.50

ONE-HORSE COLUMBIAN HARROW

With Closed Ends

One Section. With 25 Teeth.

Price \$6.25

A very popular One-Horse Steel Frame Lever Harrow. Teeth can be changed to any slant quickly and with little exertion on the part of the operator.

The construction of this harrow is practically the same as the Columbian Two-Horse Harrow shown above.

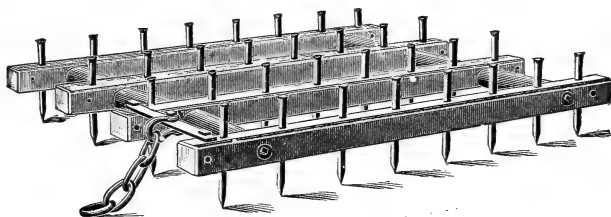
Malta Wood Frame Harrows

The Malta Wood Frame Harrows are built of the very best materials throughout.

The wood work is of the best quality of thoroughly seasoned White Oak. The frames are closely jointed, and made secure and solid by steel rods passing entirely through them. All Tooth Bars are riveted at each end.

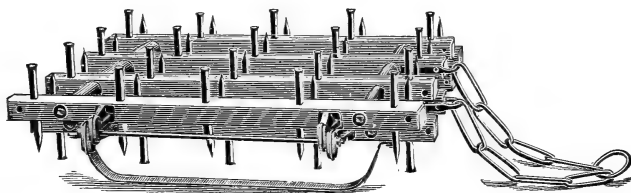
The hinges work free, allowing Harrow to adapt itself to uneven ground. Runners and teeth are of the best quality steel.

On account of being Better Made and Better Finished than other Harrows of this style on the market, they are having the preference and the demand increases each season.



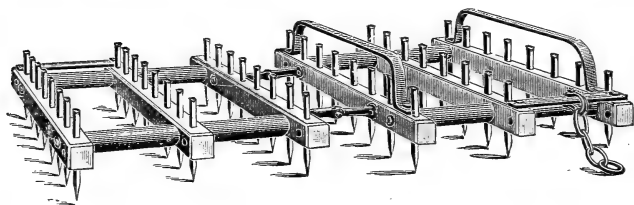
PRICE,
\$6.00.

Malta One-Horse Harrow with 32 Teeth and Runners.
(This Harrow has runners like Two-Horse Harrow shown below.)



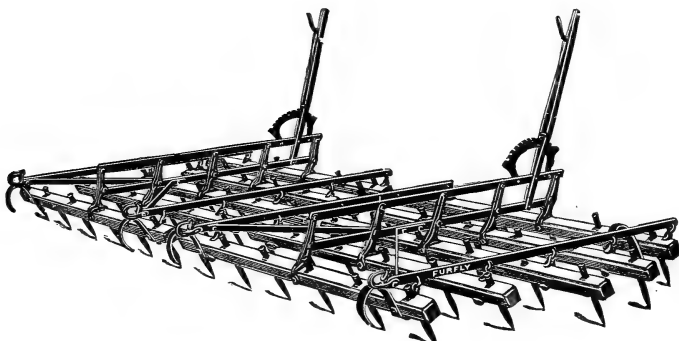
PRICE,
\$8.25.

Malta Two-Horse Harrow with 40 Teeth and Runners.
(Above cut shows Harrow folded for transportation.)



PRICE,
\$8.75.

Malta Two-Horse Harrow with 48 Teeth and Runners.



PRICES.
With 50 Teeth..\$11.00
With 60 Teeth.. 12.00

Furfly Two Section Wood Bar Lever Harrow.

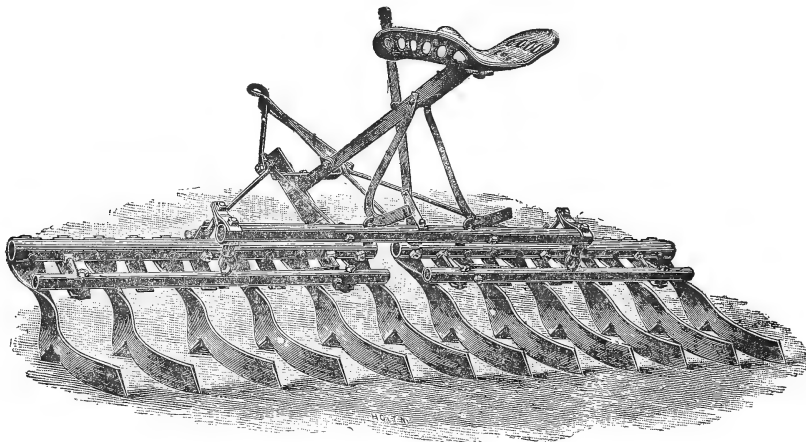
This Harrow is built on the same principle as "U" Bar Steel Lever Harrows, the only difference being in these we use wood tooth bars instead of the steel. The slant of the teeth can be changed instantly by means of the Lever. It is the only successful Wood Lever Harrow that has yet been brought out.

“ACME”

Pulverizing Harrow, Clod Crusher and Leveler

NUMBER 23

The Most Popular Size



A GENERAL PURPOSE HARROW.

The man who owns an “Acme” is completely equipped for the preparation of perfect seed beds after plowing, regardless of the character of soil he has to work. Everything that a harrow ought to do, the “ACME” does.

It cuts, crushes, turns, smooths and levels, all in one operation. The shape of the coulters permits trash and sod turned under by the plow to remain beneath the surface, adding a valuable fertilizer to the soil. Other harrows tear this up and permit it to waste on the surface.

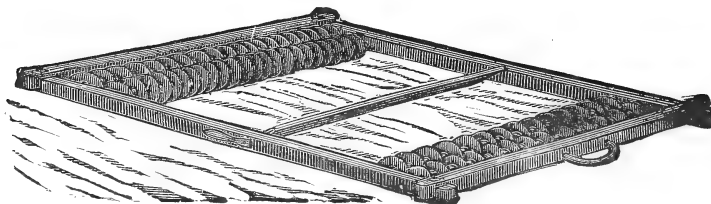
It is made entirely of steel and iron, is practically indestructible, and such repairs as may be necessary after long use, such as new coulters, may be had at a minimum of cost and trouble.

PRICES.

- Size H—One-Horse Harrow, 4 feet, 4 inches.....\$14.00
- No. 23—Two-Horse, works 6 feet 6 inches..... 17.50
- No. 26—Two-Horse, works 8 feet 6 inches... .. 19.25

Write for Special Catalogue.

THE MEEKER SMOOTHING HARROW



A PERFECT HARROW AND A PERFECT LAND ROLLER COMBINED.

This harrow has become a great favorite among all classes of farmers and market gardeners in all parts of the country.

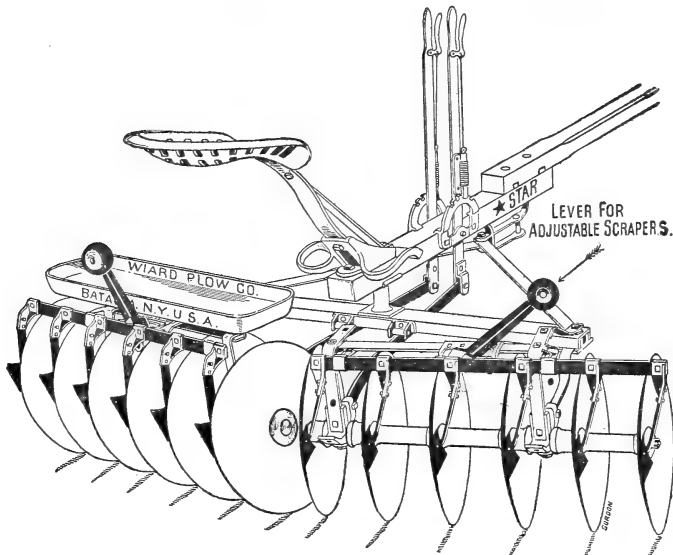
It has two sets (four) of rollers containing 58 steel discs. These discs grind all lumps and save the work of raking, and also mash small stones below the surface better than any field roller, leaving the land smooth and level.

The discs of one roller work between those of the other, preventing clogging in damp soil. The board in the center is set at an angle, is adjusted up or down and serves as a leveler.

PRICES.

- Two-Horse, regular size, 6 ft. 8 in. by 6 ft. with 8 in. Discs. Weight, 220 lbs.\$20.00
- One-Horse, special size, 4 ft. 6 in. by 4 ft. with 8 in. Discs. Weight, 200 lbs.\$18.00

STAR DISC HARROW



This cut shows our Star Disc Harrow with adjustable cleaners or scrapers, which are operated by a lever. These cleaners can be fitted to all sizes of Star Harrows except the No. 1.

They are made of tempered steel, and can be adjusted so as to exactly fit the concave of the discs. The scrapers are pressed against the discs and locked by pushing the lever with the hand or foot away from the operator and are released or unlocked by pulling the lever toward the operator. The scrapers attach to the gangs, not to the weight boxes, hence the Harrow can be used with or without weight boxes, as desired.

THREE-HORSE OFFSET

The Three-Horse Offset does away with all side draft when three horses are used abreast. It is bolted to the short or rear part of the pole and extends to the right, the long pole being then bolted to the right-hand side of the offset; this brings the middle horse directly in the center of draft and no side draft results.

We can furnish the offset for any of our disc harrows that are five feet or more wide.

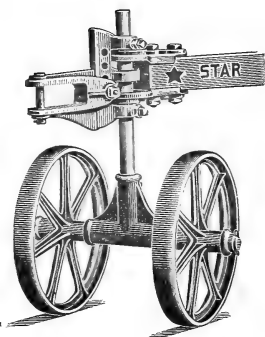
FORE TRUCK

This illustration shows our "Fore Truck." This can be attached to any of our Disc or Cut Out Disc Harrows.

The whiffletrees are attached to the Clevis on the Fore Truck, avoiding the possibility of any weight or bearing down on the horses' necks.

The Truck works on a swivel so that short turns can be made with it. It can also be raised or lowered.

This is a decided novelty and something new, and it is the consensus of opinion by those farmers who have used the Harrow with this attachment that they very much prefer it to the long pole, and would not be without it.

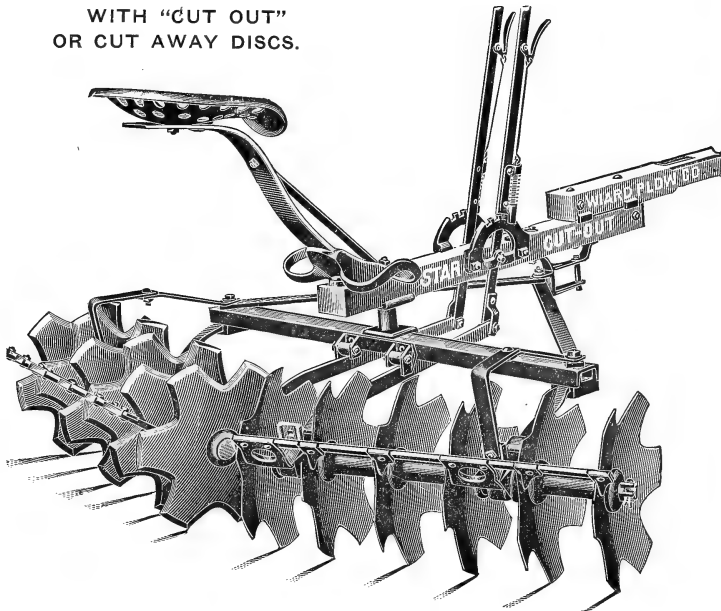


Front View.

FOR PRICES SEE NEXT PAGE.

STAR DISC HARROW

WITH "CUT OUT"
OR CUT AWAY DISCS.



Any of our 16 or 18-inch sizes Star Harrows can be fitted with the "Cut Out" Discs as shown above.

These Discs are made extra long, and the knife edge is beveled. They are so shaped as to cut or spade and leave the ground well cultivated with one harrowing. The cleaners can be adjusted to set as near the Discs as it is required to clean them, and the fingers on the cleaner bar can be adjusted separately.

This Harrow is the same in every respect as our Star Harrow, except the Discs.

To those who prefer this style of Harrow we can recommend it.

The Harrow can be fitted with Steel Weight Boxes and Fore Truck instead of Long Pole if wanted.

PRICE LIST STAR DISC HARROWS.

Size	Description	Width	No. Discs	Sizes Discs	Equipments.	Net Price Without Steel Weight Boxes	Net Price With Steel Weight Boxes	Add for Cut-out Discs
No. 1	1-Horse	3 ft.	6	16 in.		\$18.00	\$19.00	\$1.00
" 2	Small 2-Horse.....	4 ft.	8	16 in.	2-Horse	19.20	20.20	1.25
" 3	Light 2-Horse	5 ft.	10	16 in.	2-Horse	21.00	22.00	1.75
" 4	2 or 3-Horse.....	6 ft.	12	16 in.	2 or 3-H.	22.80	23.80	2.00
" 5	Heavy 2 or 3-Horse.	7 ft.	14	16 in.	2 or 3-H.	24.60	26.10	2.00
" 6	Heavy 2 or 3-Horse.	8 ft.	16	16 in.	2 or 3-H.	27.00	28.50	2.50
" 7	2-Horse	5 ft.	10	18 in.	2-Horse	22.20	23.20	2.00
" 8	Heavy 2 or 3-Horse.	6 ft.	12	18 in.	2 or 3-H.	24.60	25.60	2.50
" 9	Heavy 2 or 3-Horse.	7 ft.	14	18 in.	2 or 3-H.	27.00	28.50	2.00
" 10	3 or 4-Horse.....	8 ft.	16	20 in.	3 or 4-H.	30.00	31.50	2.50
" 11	2-Horse	5 ft.	10	20 in.	2-Horse	24.60	25.60	....
" 12	2 or 3-Horse.....	6 ft.	12	20 in.	2 or 3-H.	27.00	28.00	....
" 13	3 or 4-Horse.....	7 ft.	14	20 in.	3 or 4-H.	28.80	30.30	....
" 14	3 or 4-Horse.....	8 ft.	16	20 in.	3 or 4-H.	31.80	33.80	....

If Harrows are ordered equipped with FORE TRUCK instead of Long Pole, add \$3.50 to net prices.

In ordering always state whether Harrows are wanted with or without steel weight boxes, and also what style of equipment.

Three-horse offset for pole is sent with 3-horse equipments.

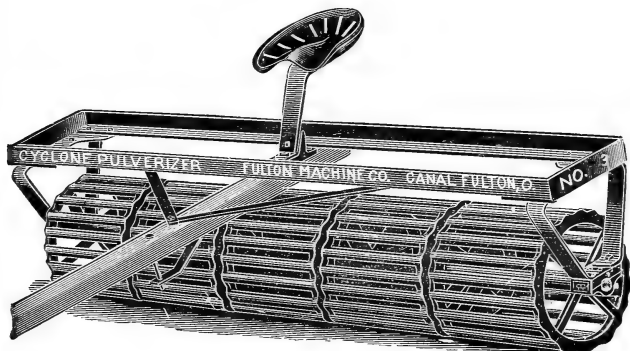
No extra charge for three-horse equipment.

The Cyclone Pulverizer and Roller

IS ESPECIALLY ADAPTED FOR

Crushing lumps and pulverizing the soil. Rolling wheat ground after sowing. Rolling oats after coming up. Packing the soil in a solid bed. Rolling corn ground after planting. Rolling meadows in spring of year. Breaking cornstalks in spring before plowing.

The only Steel Frame which will not twist or work at corners. The only Steel Bracket with necessary Weight and Strength.

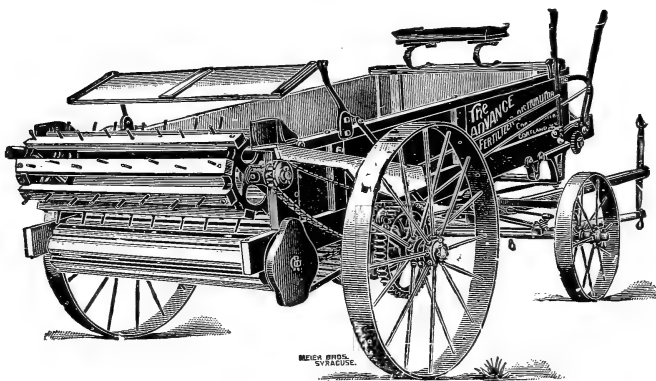


The rolls or drums are made in one solid casting and of a superior grade of iron which will not bend or break. Each section is 18 inches long and 18 inches in diameter.

PRICES.

No. 2—4 Sections, 6 ft. long, 850 pounds	\$24.00
No. 3—5 Sections, 7½ ft. long, 1000 pounds	26.00
No. 4—6 Sections, 9 ft. long, 1150 pounds	30.00

THE ADVANCE MANURE, LIME AND FERTILIZER DISTRIBUTOR



The Advance Manure, Lime and Fertilizer Distributor is the latest improved machine on the market. It is simple in construction, built of the best materials, is easily operated, and combines more points of superior excellence than any other machine on the market.

It is light and at the same time the strongest machine on the market.

It is lower and easier to load. You do not have to crank back the apron after the load is discharged.

You can change the feed from the driver's seat without stopping the operation of the spreader.

It has steel wheels, with 5-inch rear and 4-inch front tires.

It is an endless apron machine of the most improved type.

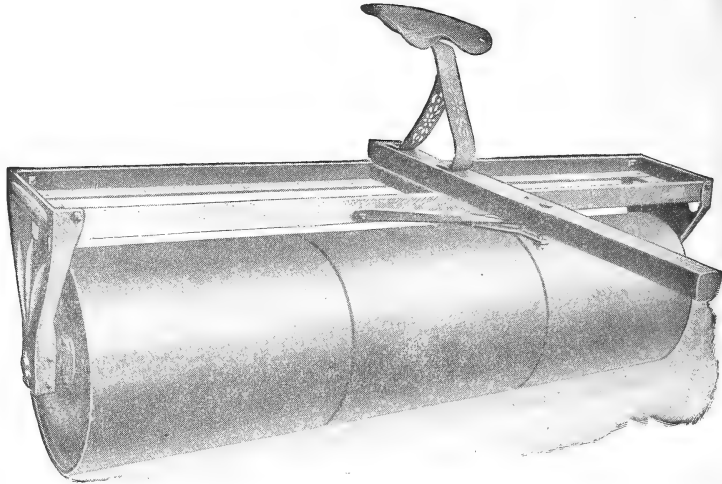
It is fully warranted to do good work.

PRICES.

No. 1—35 Bushels, with Brake	\$90.00
No. 2—45 Bushels, with Brake	95.00
Lugs for Rear Wheels, extra	4.00
Three-Horse Eveners	2.00

Pittsburgh All Steel Land Roller

This is an all steel Roller, except the tongue. It has closed steel drum heads and steel end hangers. It is unexcelled in quality of material, workmanship and durability.



PRICES.

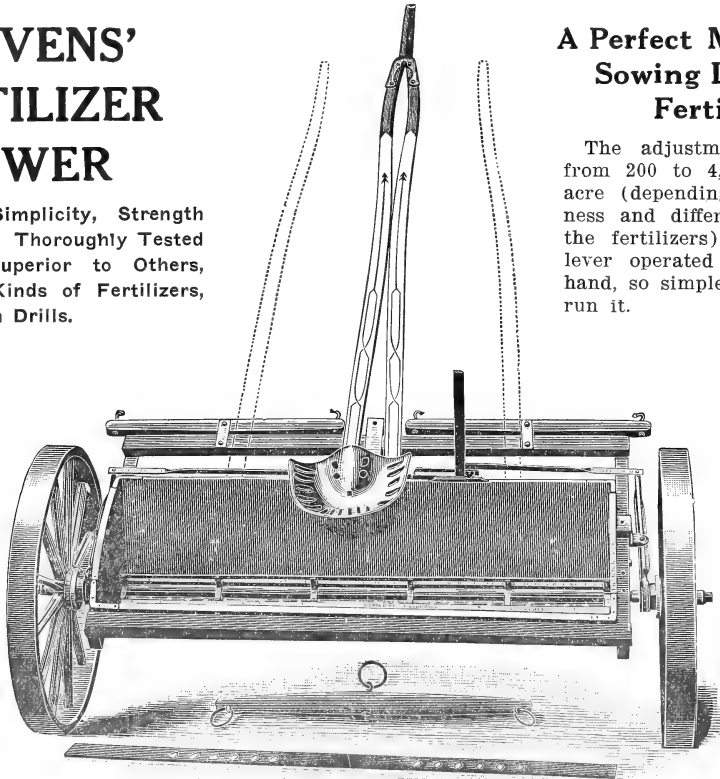
No. 7—7 ft., 3 Sections, 24 in. dia., Weight 550 lbs.	\$23.00
No. 8—8 ft., 3 Sections, 24 in. dia., Weight 600 lbs.	24.00
Doubletrees and Neck Yoke Extra	1.25

STEVENS' FERTILIZER SOWER

Combining Simplicity, Strength and Durability. Thoroughly Tested and Found Superior to Others, Sowing All Kinds of Fertilizers, Broadcast or in Drills.

A Perfect Machine for Sowing Lime and Fertilizer

The adjustment for sowing from 200 to 4,000 pounds per acre (depending upon the dryness and different qualities of the fertilizers) is made by a lever operated with the right hand, so simple that a boy can run it.



It is light draft, even in soft land, as the wheels have tires four inches wide, also a ratchet hub, which allows the turning of corners or completely around while in motion, or to back, without throwing out of gear.

It is low down and easy to fill. The axle extends the entire width of machine. Has proved to be the only satisfactory fertilizer sower manufactured.

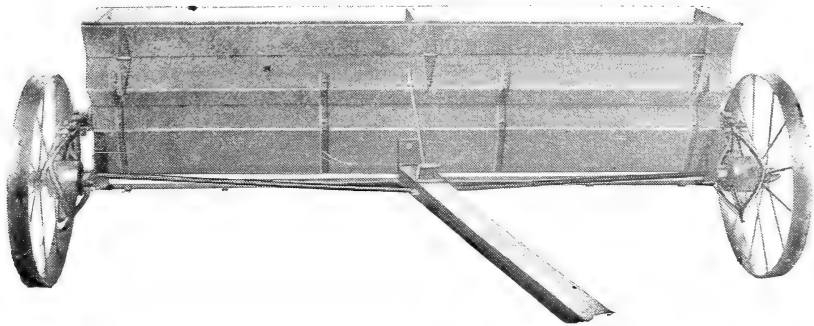
The success of this Fertilizer Sower has been beyond the inventor's most sanguine hopes. It has proved ALL and even MORE than was claimed for it, and with the NEW and VALUABLE IMPROVEMENTS made, it is far in advance of any other sower on the market. We GUARANTEE PERFECT SATISFACTION on every machine.

It is admitted by all that the Stevens has the simplest and most reliable feed of any machine on the market.

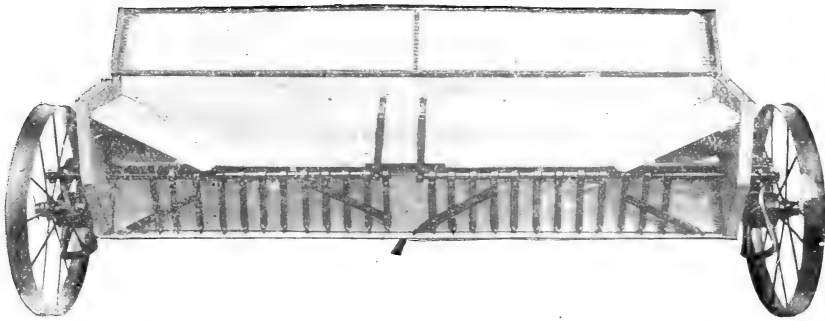
PRICES.

5 feet 10 inch size, hopper holds 6 bu....	\$40.00	8 feet 2 inch size, hopper holds 8½ bu....	\$45.00
10 feet size, hopper holds 11 bu.....	\$50.00		

FORCE FEED LIME AND FERTILIZER SOWER



FRONT VIEW.



INTERIOR VIEW, SHOWING SCREEN AT TOP.

The **FORCE FEED LIME** and **FERTILIZER SOWER** is a machine that is well built and substantial. It is not handicapped by being unable to sow any kind of lime, fertilizer or other fertilizing substance such as ashes, marl, salt, etc.

The capacity of the machine is large, sowing from 100 to 6,000 pounds of dry stock per acre. The draft is light. As a result, the work of the machine is rapid and well done.

The agitation of the material which results in a **FORCE FEED** is entirely different from any other machine on the market. As a result of this we have a free and even sowing of the material to be sown.

The nearness to the ground of the bottom of the box or hopper is gratifying to the owner. The distance is but thirteen inches.

Our Double Drive agitator is constructed out of **STEEL TUBING** and **STEEL BARS** formed and bolted together. The bars **BOLTED AROUND** not through the tubing.

ALL FEED OPENINGS at the bottom of the box are at all times **SQUARE** whether small or large feed is being used. This does away with clogging trouble by small hard particles that would stick in an oblong opening, but will readily pass through a square hole.

ALL WHEELS used on **FORCE FEED LIME** and **FERTILIZER SOWERS** are of **STEEL**. Stronger than wood and last three times as long. **ALL TIRES** are **CONCAVE** and 4 inches wide.

ALL FORCE FEED LIME AND FERTILIZER SOWERS have light draft. This is obtained by the sloping long board inside of the box that takes the pressure off the agitator and carries the material until needed by the same.

The **CHANGE OF QUANTITY WHILE SOWING** is instantaneous by simply changing the position of the feed lever which is at the rear and bottom of the hopper. The change can be made while in motion or otherwise, at the will of the operator. The **SCREEN** is arranged for quick dumping.

PRICE

No. 1—Capacity of Hopper with Top, 10 bu., Sows 8 ft. wide.....\$30.00

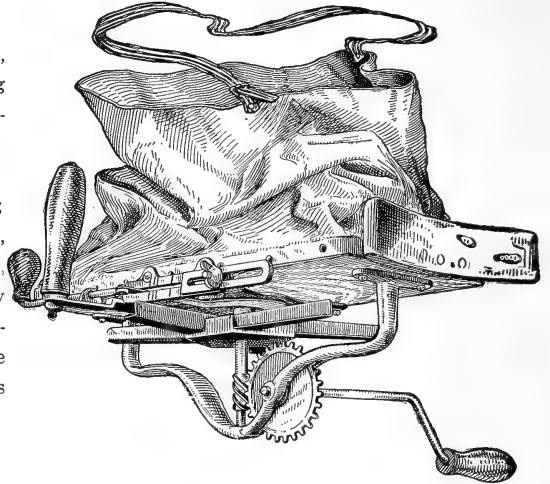
The New Idea Broadcast Hand Seed Sower

BALL BEARING.

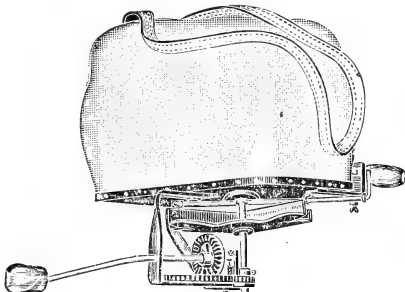
It will sow Wheat, Rye, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light Grasses; in fact all kinds of seed, broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

Adjustment of quantity accurately regulated.

It will sow at a round Wheat or Rye, 30 feet; Buckwheat 45 feet; Flax Seed, Clover or Millet, 36 feet; Grass Seed, 30 to 36 feet; other seeds, etc., according to their nature and condition. By the superior construction of the hopper and attachment of the sack it sows out very clean. The old style seeders don't do this. Full directions with each machine.



Price, \$2.00



Price, \$2.00.

LITTLE GIANT No. 4

This Seeder Has Been on the Market for Many Years

Has a pressed tin, four flanged distributing wheel, and lathe centered gearings, making it a very easy running seeder. Accurate gauge.

Force Feed!

Steel Frame!

Hand Hold and Shield!



Royal Wheelbarrow Chain Feed Grass Seeder

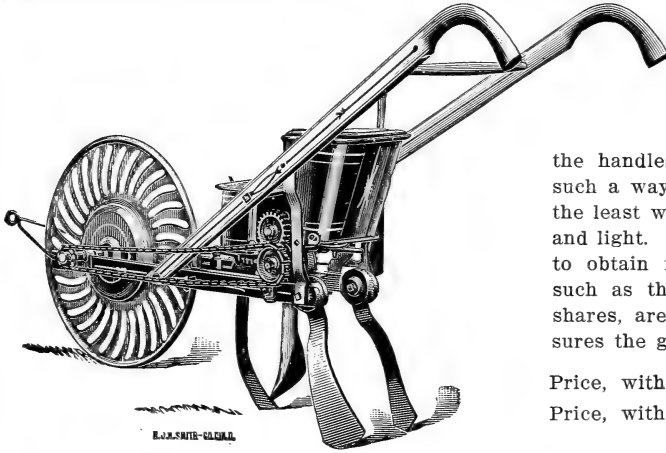
14 FEET LONG.

This Grass Seeder has won for itself first place among all kinds of grass seeders. Most accurate and economical machine for sowing Clover, Timothy, Alfalfa and other small seed broadcast. Runs easily, and sows evenly in windy weather. The quantity of seed sown is accurately governed by the wheel, which moves correspondingly slow or fast as the machine is run over the ground. It is instantly thrown out of gear, and the amount of seed sown is quickly governed by changing the pin in the index plate as thereon indicated. This seeder does not injure or bunch the seed, but evenly distributes it the full length of the hopper.

Price, \$6.00

HOOSIER CORN DRILLS

We do not consider it necessary to devote space or time introducing the Hoosier Line of Corn Planting Tools. They are well known to the farmers in every corn-growing locality of the United States. Their reputation is well established. Every year marks a large increase in the number sold, and today the word "Hoosier" on Corn Tools is accepted as indicating the standard of excellence in accuracy of planting and mechanical construction.



Our One-Horse Hoe Corn Drill is the most popular tool of the kind made, and is noted for its excellence and general good qualities. It is now made entirely of steel and iron, with the exception of

the handles, and the material is distributed in such a way as to give the greatest strength and the least weight possible. It is, therefore, strong and light. The material used is the best possible to obtain for the purpose. All wearing parts, such as the hoes, coulters, shoes and covering shares, are made from high-grade steel that insures the greatest possible amount of wear.

Price, with Fertilizer Attachment.....\$13.50
 Price, without Fertilizer Attachment..... 10.50

THE HOOSIER CORN DRILL WITH THE "REUTZEL AND FREI" DEPTH REGULATOR



This is the most complete and up-to-date corn, bean, pea and cucumber drill in the world.

No Seed Drill is complete without the "Reutzel and Frei" Depth Regulator and Coverer. The main object of this invention (patented June, 1909) is to open, sow and cover a certain depth.

It makes the furrow, sows the seed and covers one certain depth with one operation. Seed sown one depth and covered one depth must all germinate at the same time, and ripen at the same time, which is of the greatest importance to the grower.

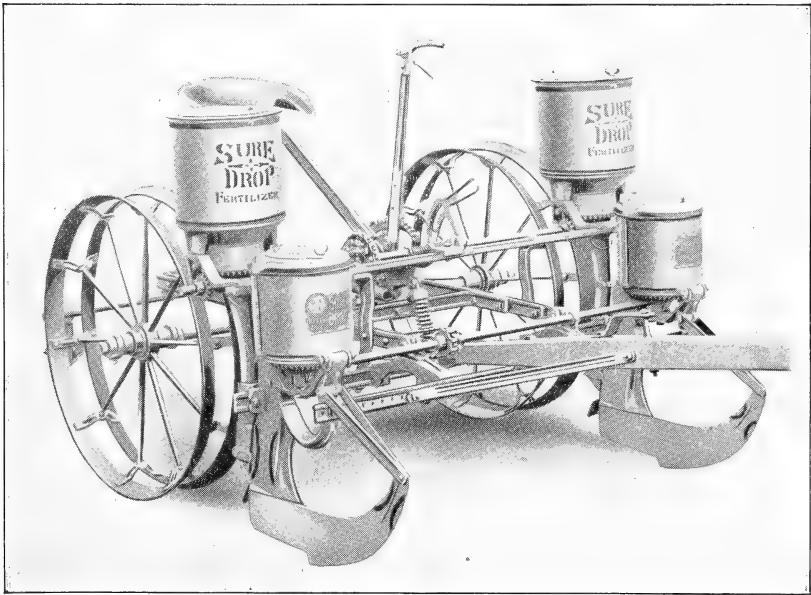
This regulator is the invention of a successful truck grower, brought to successful operation by two years of practical experience.

A boy can do the work easier than a man can without the regulator.

PRICE.

Complete with Fertilizer Attachment, Corn, Pea and Bean Plates.....\$21.00
 If Fertilizer Attachment is not wanted, deduct 3.00
 If Corn Plate is not wanted, deduct 1.00

The Sure Drop No. 5 Two-Row Corn Drill WITH EDGE DROP PLATES



The Sure-Drop No. 5 Drill is a Two-Horse, Two-Row Machine for drilling corn, beans and other similar crops that are grown in drilled rows.

It is a strictly high-grade machine in every particular—as good as first-class material and skilled workmanship can make it. It is built almost entirely of steel and malleable iron, making it light, but especially strong and durable.

The Drill is adjustable to plant any desired distance between rows from 28 to 44 inches.

Six pairs of seed plates—three pairs with “medium” and three with “small” cells—are regularly furnished, and these, in connection with the change of speed by means of a three-step sprocket wheel on the seed shaft, admit of nine variations of the distance apart that seed can be dropped, ranging from 6½ inches to 22 inches. A special sprocket can be furnished for dropping closer than 6½ inches.

Wheels are furnished with either concave or open tire as desired.

PRICES.

No. 5—Without Fertilizer Attachment.....	\$29.00
No. 5—With Fertilizer Attachment.....	40.00
No. 53—Same as above with Round Hole Plates	2.00 less

Sure Drop No. 2 Hill and Drill Planter

The “Sure Drop” is a light, strong, durable Hill and Drill Drop Planter. The manner in which it is built insures perfect and accurate work. It is our latest and best planter, every detail having been worked out with a precision seldom equaled.

It has large hoppers, hand lever for raising the runners out of the ground, or holding them into the ground, adjustable pole and adjustable steel seat.

It is fitted with hinged hoppers so the plates can be changed without removing the seed, with a combined foot and hand drop device and a Gale automatic reel, and is adjustable to the following width between the rows: 3 ft. 2 in., 3 ft. 4 in., 3 ft. 6 in. and 3 ft. 8 in. The wheels are 30 inches high and are furnished with either concave or open tire as desired.

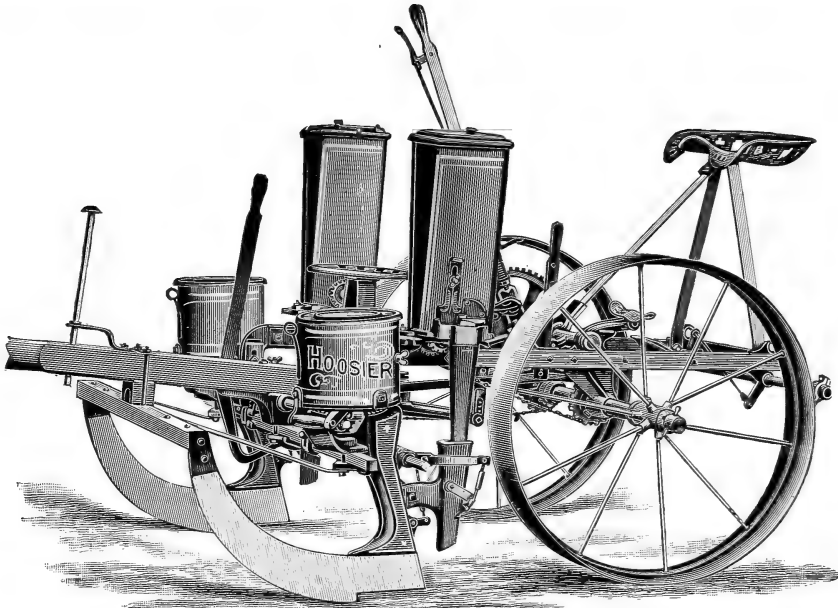
The Drop is of the Edge-Drop type, and is accurate in the dropping of seed. The cells of our seed plates are of such size and shape as each to receive but a single kernel of corn and hold it only one way—edgewise.

PRICES

Without Fertilizer Attachment	\$35.00
With Fertilizer Attachment	47.00
Check Rower Attachment with Automatic Reel and 80 Rods of Wire, extra.	7.00

SPECIAL CIRCULAR GIVING DETAILED DESCRIPTION OF THIS DRILL AND PLANTER
MAILED ON REQUEST.

HOOSIER TWO-HORSE CORN PLANTER



Hoosier No. 10 Planter With Fertilizer Attachment.

The Hoosier Two-Horse Corn Planters are furnished with or without fertilizer attachment, with or without Check Rower.

With this planter corn may be hilled or drilled and fertilizer may be drilled in rows or bunched in hills.

PRICES.

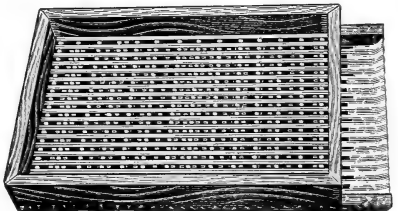
No. 10 Planter, without Fertilizer Attachment	\$30.00
No. 10 Planter, with Fertilizer Attachment	41.00
Check Rower Attachment for either of the above, extra	7.50

WRITE FOR CATALOGUE GIVING DETAILED DESCRIPTION OF THESE PLANTERS

HOOSIER GRAIN DRILLS

Hoosier Grain Drills have been manufactured for almost 50 years. We have sold them exclusively for more than 30 years. It is unnecessary for us to review the long line of successes which have made the Hoosier Grain Drill as well as the Hoosier Corn Drill the standard by which others are rated. The best mechanical skill and intelligence are combined with the finest material to produce the highest grade machines. The manufacturers have always endeavored to see how good, rather than how cheap a machine they could produce, and in this lies the great secret of the popularity of Hoosier goods. We lack the necessary space here to illustrate and describe the different styles, but will gladly send a full descriptive catalogue on request. It will pay you to investigate the Hoosier line before buying a grain drill.

PERFECTION "4 GRADE" CORN GRADER



A seed corn grader has become a necessity in getting a uniform stand of corn.

No planter will drop uniformly unless the seed is graded.

Graded seed insures perfect dropping, stronger plants and **increases** the yield 5 to 15 bushels per acre.

THERE ARE 4 GRADES OF CORN ON EVERY EAR.

- (1) The small kernels.
- (2) The large odd-shaped kernels.
- (3) The broad kernels too thin for good seed.
- (4) The even sized perfect kernels.

This grader sorts them out in one simple operation.

It has a special lower screen construction by which it gets Four grades of corn.

It has a guard on the lower screen to prevent the spilling of the corn while grading, and to enable all of the screen to act on the corn at once, thus making rapid work.

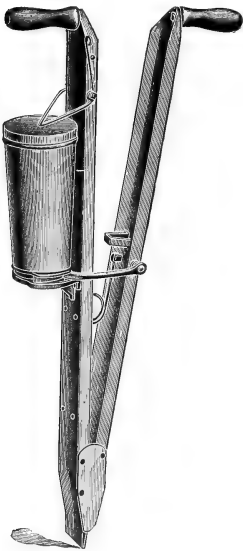
Pat. filing date Apr. 20, 1908.

Issued Apr. 18, 1911.

Capacity: 6 to 10 bu. per hr.

Size 12x21 inches.

PRICE, \$1.50.



The Eclipse All-Steel Rotary Hand Corn Planter

It eclipses all others, having a positive feed and four changes of discs.

Disc No. 1 is to drop ONE grain at a time.

Disc No. 2 is to drop TWO grains.

Disc No. 3 is to drop THREE grains.

Disc No. S is for seed or broom corn.

Price, \$1.00.

The Wiard Automatic Hand Corn Planter

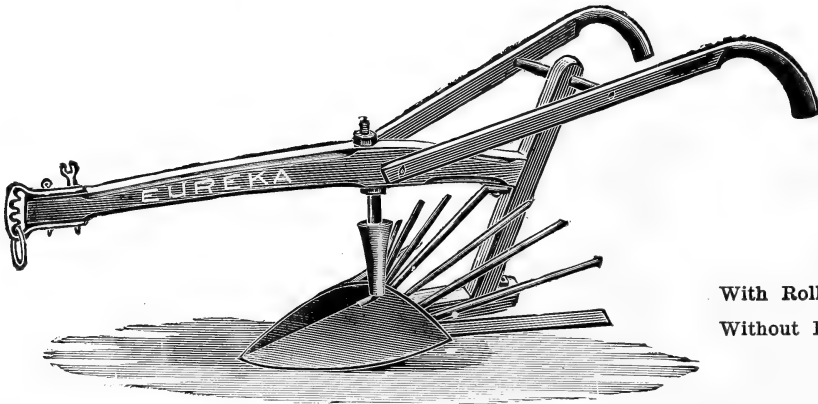
SIMPLE DURABLE ECONOMICAL

In this planter the seed is delivered from the dropper to the receptacle at the bottom, which, when opened by pressing over on the foot, leaves it at once at the depth required, avoiding the trouble found with all hand planters that deliver the seed direct from the dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment, and insures delivery of the seed at precisely the depth required, whether the soil be hard or mellow.

Price, \$1.50.



EUREKA POTATO DIGGER



PRICE.

With Roller\$8.25

Without Roller 7.75

Contains many common sense, valuable features, designed expressly for the farmer with a limited acreage of potatoes who cannot afford to invest in a hundred-dollar machine and cannot afford to dig his crop by hand. It is sold at a low price and will do good, practical work, leaving the potatoes on top of the earth in a very satisfactory manner. In fact, its work is preferable to many of the high-priced diggers.

It does not cut nor bruise the potatoes, and is so simple that any one who can drive a team can operate it.

The Eureka Digger has a ratchet shoe adjustment at the heel, which enables the operator to adjust to the proper depth, and this adjustment, with the clevis at the end of the beam, gives everything required in the way of adjustability.

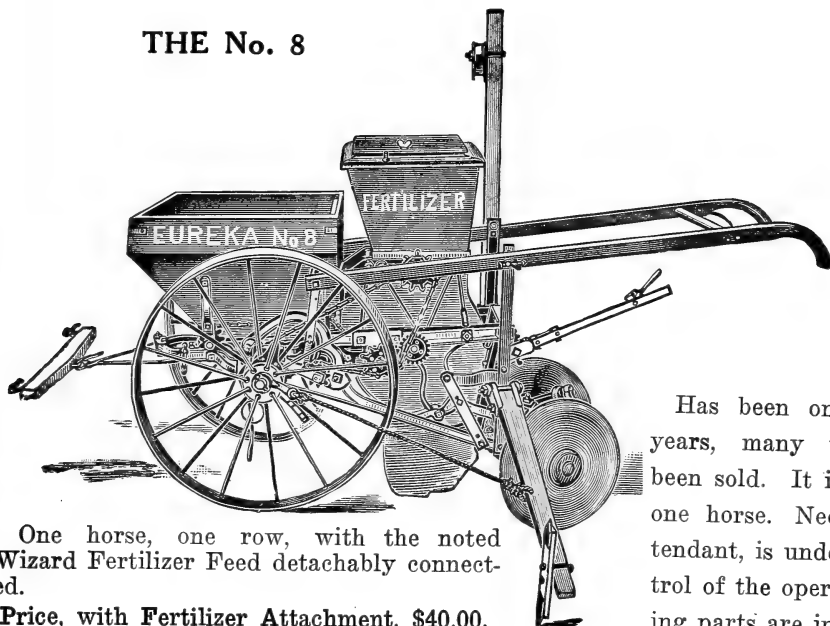
We have added an improvement to this digger in the shape of a loose wooden roller on the upright standard. The purpose of this roller is to turn aside the vines and weeds and prevent the digger from choking. We consider it a valuable improvement.

THE EUREKA POTATO PLANTERS

This planter is a favorite for the small potato grower, does the same class of work as the No. 10.

Weight with Fertilizer attachment, 270 pounds.

THE No. 8



One horse, one row, with the noted Wizard Fertilizer Feed detachably connected.

Price, with Fertilizer Attachment, \$40.00.

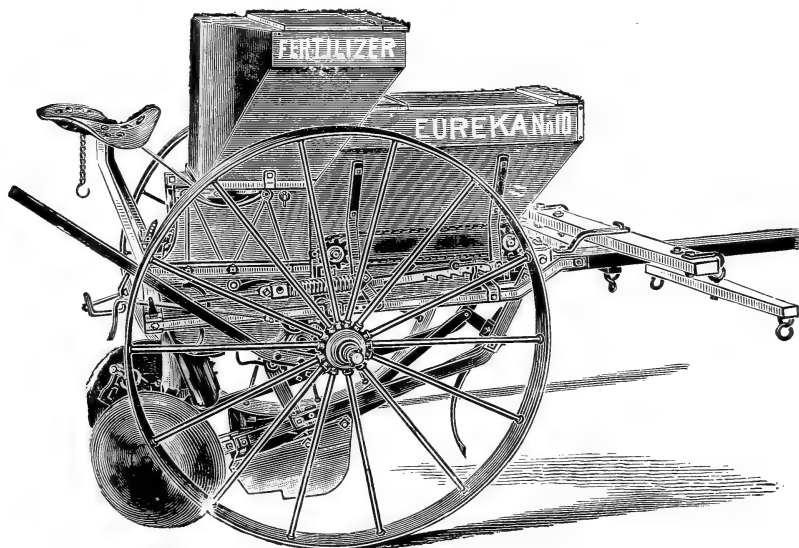
Has been on the market ten years, many thousands having been sold. It is easily drawn by one horse. Needs no skilled attendant, is under the perfect control of the operator, all the working parts are in plain view.

THE No. 10

Is without doubt the most complete in its construction, the lightest draft, the strongest made, the nearest correct in its distribution of seed and fertilizer, of any One Row Riding Potato Planter ever offered to the public.

The No. 10 is marked at 95 per cent correct, which leads all automatic planters by a large percentage.

Weight with Fertilizer Attachment 480 pounds.

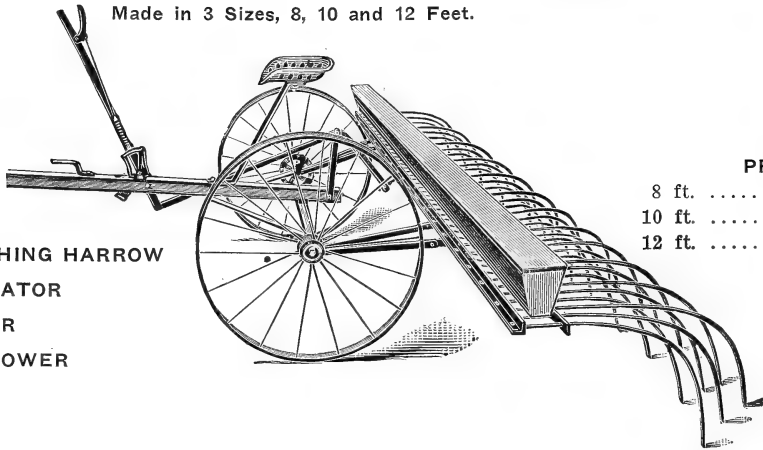


Price with Fertilizer Attachment, Tongue and Doubletrees and Neck Yoke, \$55.00.

If you are interested in potato planters write for special catalogue giving detailed descriptions of the above machines.

Eureka Flat Tooth Sulky Smoothing Cultivator and Seeder

Made in 3 Sizes, 8, 10 and 12 Feet.



A SMOOTHING HARROW
A CULTIVATOR
A WEEDER
A SEED SOWER

PRICES.

8 ft.	\$20.00
10 ft.	22.00
12 ft.	24.00

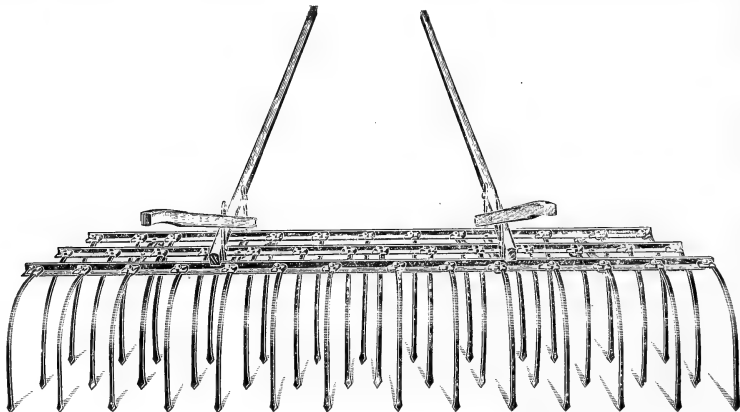
The Sulky being ahead of the teeth, insures no wheel marks, a handy spring tension lever raises the cultivator head from the ground, also controls the depth of cut of teeth. For leveling the ground, pulverizing the soil, and preparing a good seed bed, the Eureka Flat Tooth Cultivator has no equal. This Cultivator is far superior to the spike tooth smoothing Harrow, as it cuts wider, it cuts the ground more closely, and is easier draft; the depth of cut is under the control of the operator, the head can be raised to clear the teeth of trash and the driver rides.

As a Weeder the Eureka is very efficient. The frequent use of the Eureka during the growing season will give a large increase in the yield of corn, potatoes and other crops.

The Seeder Box can be quickly attached or detached and is accurate. Adjustments can be made to sow a variety of quantities. The teeth cover the seed thoroughly, either shallow or deep. Will sow from 2 to 20 quarts of grass seed per acre.

If used on old meadows, new seed can be applied at the same time the old grass is thoroughly cultivated, insuring a large increase in yield.

Eureka Flat Tooth Three Bar Walking Weeder



SEVEN AND ONE-HALF FEET WIDE.

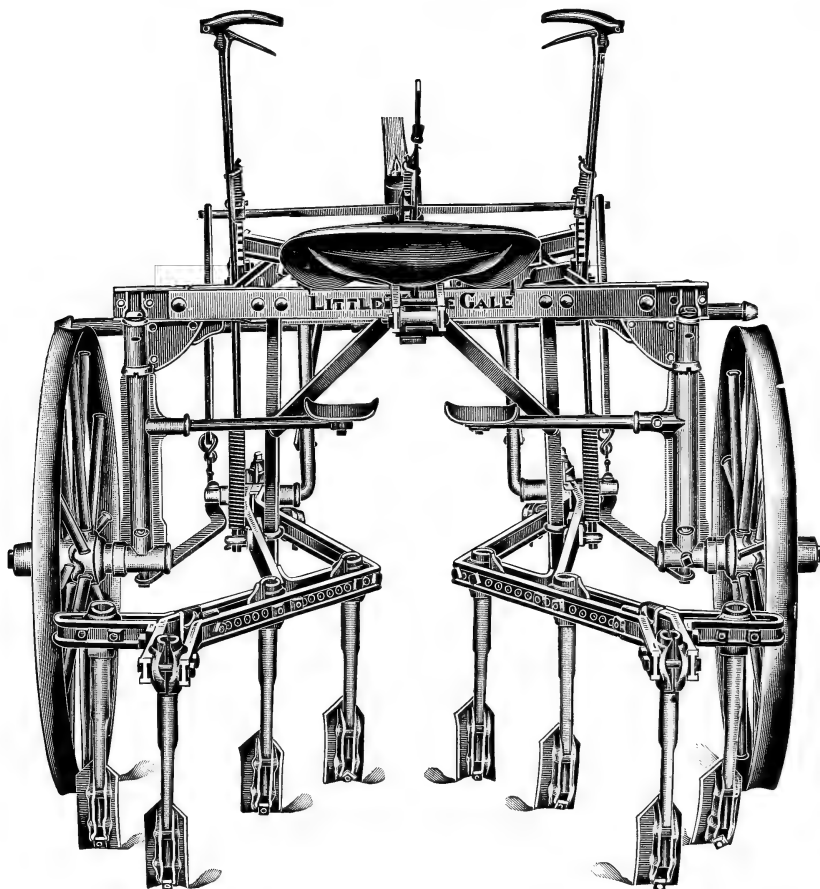
The Eureka Walking Weeder is equipped with flat teeth, which are more effective than the round or partially round styles and make a thoroughly successful weeder. The Eureka flat teeth are especially adapted for forming dust mulch, as they cover more of the surface of the soil than teeth with round points.

The Frame or Head of weeder is angle steel, to which the teeth are attached by properly designed clips. Teeth can be removed from any part of the frame, as may be desired, to work only between rows.

The shafts and handles are adjustable to various heights of horse or man.

PRICE \$9.00.

LITTLE WILLIE RIDING CULTIVATOR



The Little Willie Cultivator is the most up-to-date and satisfactory implement of its class on the market today. It will be found especially satisfactory in localities where narrow row crops are planted—potatoes, beans and tobacco. It can be narrowed down to cultivate successfully crops planted as close together as 28 inches.

We have incorporated in the Little Willie the thoroughly tested pivot axle construction, in use for several years on our Pivot Axle Cultivators. We use the well-known draw-in hitch feature, whereby the draft of the team draws the gangs into the ground, assuring an even depth of cultivation.

The gangs are pivoted to the front on cone couplings and are controlled by the shifter bar attached to the pivoted standards and are governed entirely by the feet. With the center lever the operator can instantly and without stopping bring the gangs together or set them out. A device on the shifter bar enables the operator to lock the frame, making it rigid. The pole is equipped with the patent pole adjustment whereby the frame of the cultivator is kept level, regardless of the size of the team. The extension gangs are made of two bars of high carbon steel, the shovel standards are attached between the bars and the holes therein make it possible to set them as close together as may be desired.

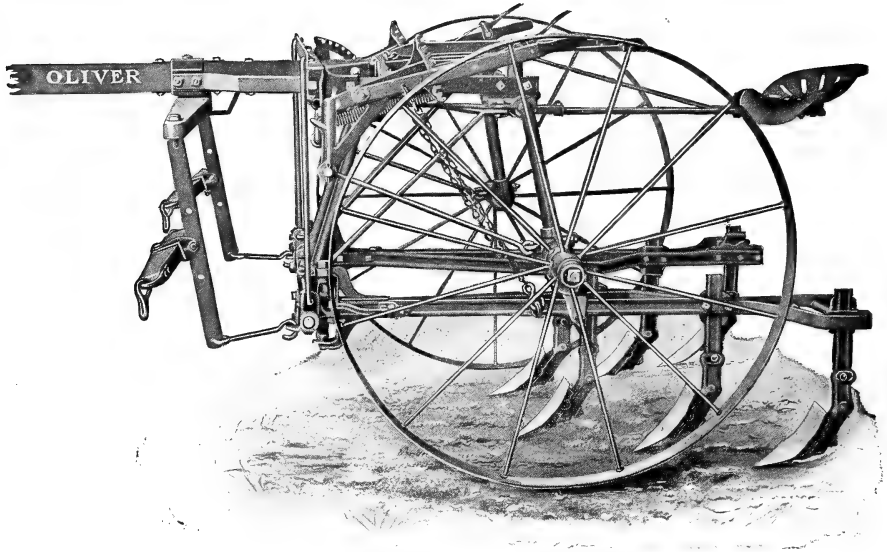
The shovels are double pointed and can be reversed, giving twice as much service as the shovels usually furnished. The wheels are low and very strong, equipped with dust-proof hubs.

PRICES.

6 Shovel Pin Break	\$28.00	8 Shovel Pin Break	\$28.50
6 Shovel Spring Trip	30.50	8 Shovel Spring Trip	31.00

Above prices include Shields, Hillers and Bull Tongues. Disc Hilling Attachment extra \$3.50.

OLIVER No. 1 RIDING CULTIVATOR.



Absolute and distinct advantages over other implements are what count, and the following are to be found in the Oliver Cultivator:

The work is done perfectly, because of the parallel gangs, always held a uniform distance apart, always maintaining full depth and never shirking when going through hard ground.

This good work is done with the greatest ease by the operator because of the power lift for the gangs, provided by draft of team, and the pivotal seat bar guide which shifts the gangs, besides pivoting the pole to guide the machine. The Oliver is absolutely the easiest to guide of any cultivator ever invented.

It is easy on the team, because of perfect draft lines—therefore no neck weight or neck draft. Light to draw, because of short frame and otherwise novel construction.

Automatic Balance Frame. The movement of one lever assisted by the team raises and lowers both gangs, and at the same time balances the frame.

For narrow rows, the wheels can be set 38 inches between the tires and still give ample room for guiding where planting has been done badly out of check.

As a hard ground cultivator it has no equal. There are no springs or high hitch to draw the shovels out of the ground, which are, therefore, always hungry for their work.

PRICES.

Six Shovel Pin Break	\$31.50
Six Shovel Spring Trip	33.50
Eight Shovel Pin Break	32.00
Eight Shovel Spring Trip	34.00
Above prices include Shields, Hillers, and Bull Tongues.	

PLANET JR.

This name is a guarantee all over the world of the most modern scientific farm and garden tools manufactured. Every Planet Jr. **CUTS YOUR WORK IN HALF.**

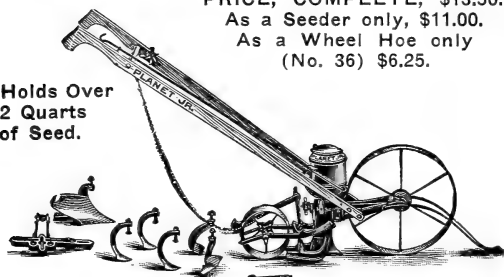
These tools double your crop yield, pay for themselves in a single season and last a life-time. Built to do the work, by a practical farmer and manufacturer with over 25 years' experience.

Write for our **SPECIAL Planet Jr. Catalogue.** It's yours for the asking! And it contains 64 pages of invaluable cultivation advice. You can't afford to miss it. Send postal for it today!

No. 6 PLANET JR. COMBINED HILL AND DRILL SEEDER AND WHEEL HOE

PRICE, COMPLETE, \$13.50.
As a Seeder only, \$11.00.
As a Wheel Hoe only
(No. 36) \$6.25.

Holds Over
2 Quarts
of Seed.



This is the latest Combined Hill and Drill Seeder and Wheel Hoe.

It drops all garden seeds in drills, with the greatest regularity, in a narrow line, to any exact depth required, covers, rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops, completing a row at every passage, up to 16 inches in width.

The whole combination is the best and most useful we have ever offered. We advise buying the machine complete, as there is a considerable saving by doing so, but we sell the Seeder and the Wheel Hoe separately if desired.

PLANET JR. No. 4 HILL AND DRILL SEEDER and WHEEL HOE

PRICE \$11.00.
PRICE AS A SEEDER
ONLY \$9.00.



This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a Single Wheel Hoe or weeder, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work.



PLANET JR. No. 25 HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE.

PRICE \$13.50.



As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the whole combination is one we can heartily recommend and guarantee satisfactory.

No. 38 PLANET JR. Single Wheel Disc Hoe Cultivator and Plow

A new tool especially desirable in peat land.

PRICE,
COMPLETE,
AS IN CUT, \$7.00.



PLANET JR. No. 11 DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion grower, and also for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way.

The hoes are the most valuable of all the wheel hoe attachments.

The plows are used with points together for opening furrows; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

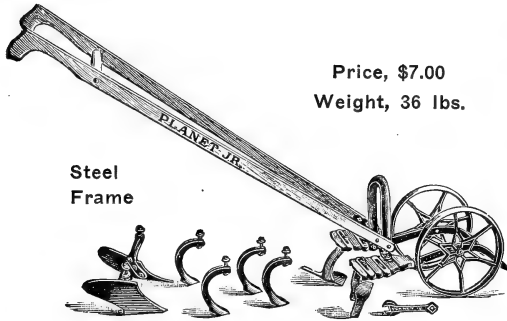
Leaf lifters enable fine work to be done close to the row, when plants are large or leaves are flat on the ground.

Price, with Attachments as in cut, \$9.00
Weight, packed, 37 lbs.



Steel Frame

PLANET JR. No. 12 DOUBLE WHEEL HOE.



Price, \$7.00
Weight, 36 lbs.

Steel Frame

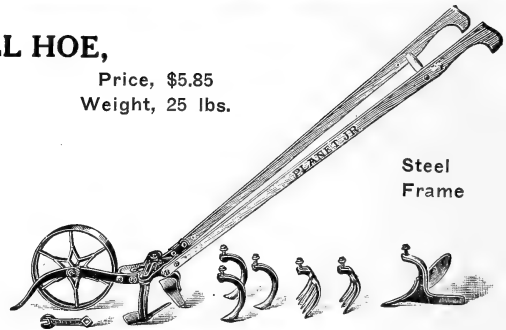
Two acres a day can easily be worked with this implement, and when it is done it will be a better job than three men could have done in the same time with hand hoes. The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it's so easy to work. Twelve-year-old girls work gardens with them with ease and success.



PLANET JR. No. 16 SINGLE WHEEL HOE, CULTIVATOR AND PLOW

This single-wheel hoe has a very full set of tools, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong, and easy running. It has adjustable handles and quick-change frame. The tools are: a well-shaped plow, a pair of 6-inch shield hoes, 3 cultivator teeth and a practical leaf-guard; the frame changes in height, and the wheel may be attached to the side of the frame, when both sides of the row may be hoed at one passage.

Price, \$5.85
Weight, 25 lbs.



Steel Frame

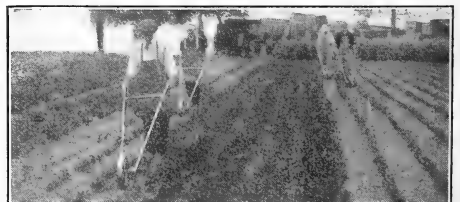
PLANET JR. No. 17 SINGLE WHEEL HOE, CULTIVATOR AND PLOW.



Weight, 23 lbs.
Price, \$5.00

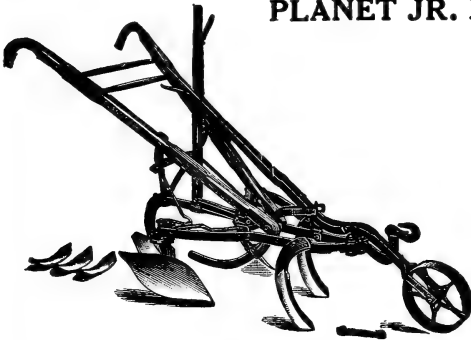
Steel Frame

For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of this No. 17 Single Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.



PLANET JR. No. 8 HORSE HOE AND CULTIVATOR.

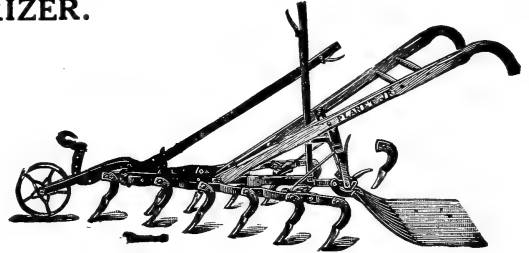
PRICE, \$9.00.



Probably no other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. You can do almost anything you want with it in the garden or field. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width.

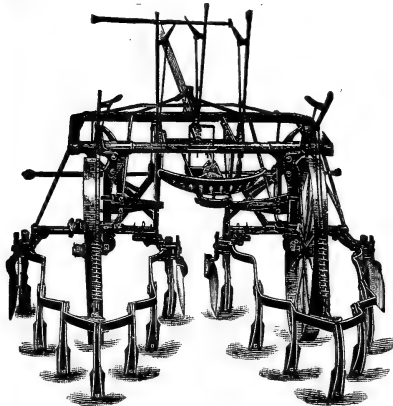
PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER.

With the Twelve-Tooth Harrow here shown you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.



Price	\$9.00
Less Pulverizer	7.40
Less Wheel and Pulverizer	6.20

A strawberry runner and attachment consisting of a 10-inch flat steel disc mounted on an outrigger. Extra, price, \$1.85.



PLANET JR. No. 72 Two-Row Pivot Wheel Riding Cultivator, Plow, Furrower and Ridger

WORKS TWO ROWS AT THE COST OF ONE.

Think of the saving in cultivating perfectly at one time 2 rows of potatoes, corn, beans, etc., in rows 28 to 44 inches apart! Simple and works like a charm in check and crooked rows, and in rows of irregular width. Never leaves open furrows next to plants. Cultivates crops up to 5 feet high and covers 2 furrows of manure, potatoes or seed at one passage. Designed by a practical farmer; fully guaranteed.

PRICE, \$52.50.



H. J. Heinz Co., Pittsburgh, Pa., write:

"The Planet Jr., No. 72 Cultivator purchased from you recently has been in constant use since that time in our horseradish, cabbage and tomato fields, and are pleased to state that it accomplishes the work to our entire satisfaction."

THE STAR Garden Cultivator

An admirable tool for the garden.

The shape of the beam and its attachment to the wheel and handles, over and forward of the center of the wheel, gives it great power.

It is noted for its light draft and the great amount of work it will do.

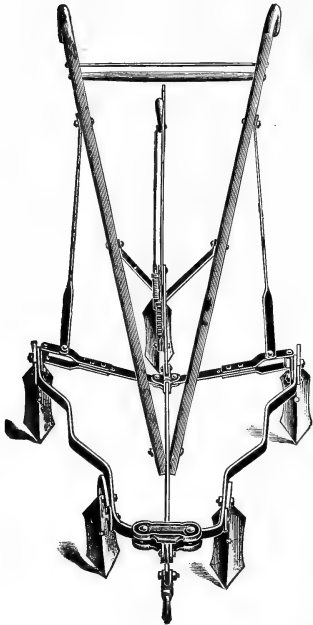
Built of steel throughout, except the handles, which are of selected hardwood.

Price (with attachments shown above), \$3.00.

PITTSBURGH CULTIVATORS

The Pittsburgh Cultivators are made of round-edge steel, and are highly finished. The outside stay braces hold the frame solid to any width it may be set.

Extra care is taken in the "setting" of the shovels to see that they "face" the work properly, have correct "pitch" and are evenly spaced so that they will cut all the ground.



PITTSBURGH 5-TOOTH CULTIVATOR

With Hand-Wheel Adjustment

\$3.00

Wheel Extra\$0.50
Horse Hoes extra75

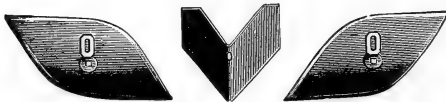


PITTSBURGH 7-TOOTH CULTIVATOR

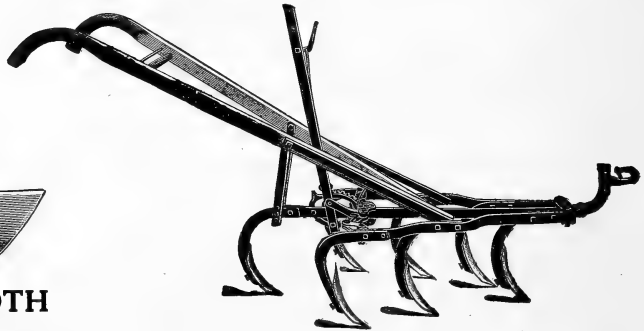
PITTSBURGH 5-TOOTH

With Adjusting Lever.....\$3.50

Wheel Extra\$0.50
Horse Hoes extra75



HORSE HOES FOR 5-TOOTH CULTIVATOR



By use of this Cultivator the ground is more thoroughly cultivated and the surface is left smooth and level.

Price with Lever\$4.00
Price without Lever 3.50
Wheel Extra50
Horse Hoes Extra75



WHEEL FOR 5-TOOTH CULTIVATOR

PITTSBURGH 14-TOOTH CULTIVATOR

With Hand-Wheel for Adjusting Width of Frame.
Price, \$3.25.



With Lever for Adjusting Width of Frame.
Price, \$3.75.



The teeth can be adjusted to different angles. They are made of the very best "hard steel," with one end shaped for cultivating, while by reversing them the tool can be used as a Harrow. Wheel for either of the above, extra, \$0.50.

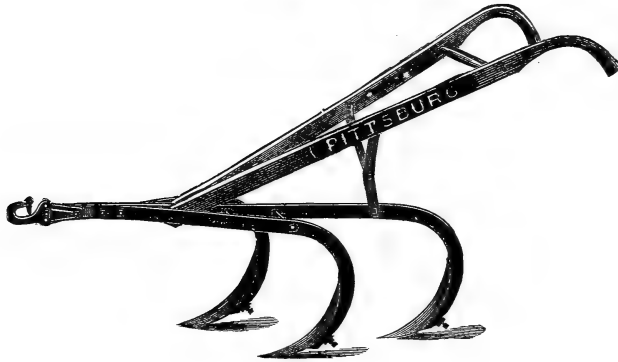
PITTSBURGH SHOVEL PLOWS

PITTSBURGH STEEL BEAM DOUBLE SHOVEL PLOW

Price, \$2.25

Shovels have proper pitch for entering ground right, and making Steady Running Plow.

Beams Made of Solid Steel Rolled, Tapering at Point. NO WELDS.



PITTSBURGH STEEL BEAM TRIPLE SHOVEL PLOW.

Price, \$3.00

The Triple Shovel Plow is an excellent tool for the cultivation of corn and potatoes, or anything that is planted in rows, and is adapted to the wants of both the farmer and gardener. By its use the entire surface of the ground is plowed and still left smooth and level.

PITTSBURGH STEEL BEAM SINGLE SHOVEL PLOW.

A WELL-FINISHED AND HIGHLY SATISFACTORY TOOL.

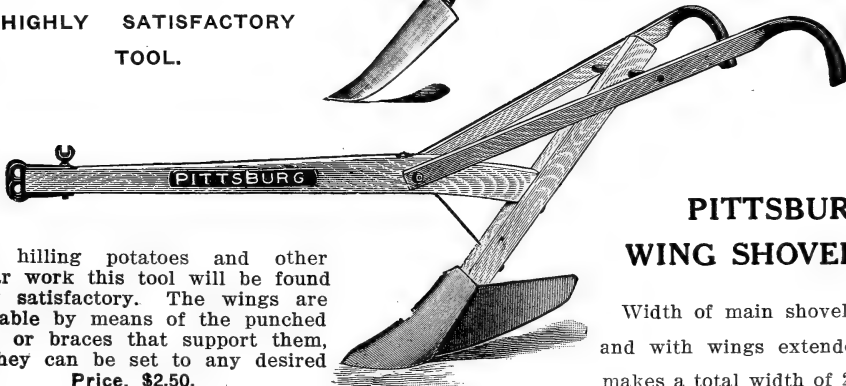
ADJUSTABLE CLEVIS, ADJUSTABLE HANDLE BRACES. PRICES.

With 10-inch Shovel	\$2.25
With 12-inch Shovel	2.35
With 14-inch Shovel	2.45
With 16-inch Shovel	2.55

For hilling potatoes and other similar work this tool will be found highly satisfactory. The wings are adjustable by means of the punched straps or braces that support them, and they can be set to any desired angle. Price, \$2.50.

PITTSBURGH WING SHOVEL PLOW

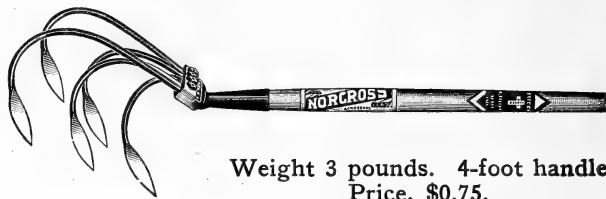
Width of main shovel is 12 inches, and with wings extended to limit it makes a total width of 26 inches.



“NORCROSS” GARDEN CULTIVATOR HOES AND WEEDERS

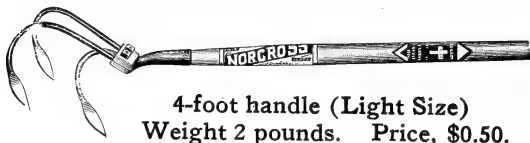
5 PRONG CULTIVATOR HOE.

Prongs are ¼ inch square Spring steel, bent cornerwise for strength, and attached to Malleable Head with (4) bolts standard size. Works between rows or center shovel can be removed and row straddled. Loosening nuts releases any one or more prongs without removing bolts.



Weight 3 pounds. 4-foot handle.
Price, \$0.75.

3 PRONG CULTIVATOR HOE.



4-foot handle (Light Size)
Weight 2 pounds. Price, \$0.50.

The “NORCROSS” 3-Prong Cultivator Hoe is a modification in size, weight and price of the 5-Prong Tool, as represented by the accompanying cut. It has the same length handle (of lighter size) three prongs (instead of five) and weighs only two pounds.

For women and all who prefer a light weight tool for small gardens this has no equal and costs no more than a common hoe.

MIDGET WEEDER.

This little weeder is constructed along the same lines as our 3 and 5 prong Cultivator Hoes. It has a 9-inch handle and is designed for use in flowers, small shrubbery, etc., or for cultivating small vegetables where a long handle tool would be less practical. Excellent in strawberries and all low-growing plants where tedious hand cultivation is required. The prongs are 3-16 inch square spring steel attached to malleable head with two bolts and are detachable.



Price, \$0.30.
Weight 12 oz.
9-in. Handle.

“NORCROSS” UNIVERSAL CONNECTION.



The accompanying cut shows Malleable Connection attached to “NORCROSS” 5-prong Cultivator Hoe after 4-foot handle has been disconnected. It engages the two middle bolts as shown and provides for attaching Cultivator to any style of wheel plow. The front extension fits Iron Age, Planet Jr., and other slotted frame plows. The rear extension fits all Vertical Leg Plows, so extensively used.

The 5-prong Cultivator Hoe is complete without Connection (see cut at top of page) and Connection is furnished only when ordered, extra, at 15 cents each.

The Handy Gardener is so constructed that it can be used in a comfortable standing position, being an anti-back breaker.

It cultivates on three sides of the plant at one stroke. The teeth will take hold, pulling out all large weeds, and the smaller weeds are cut out by the right-hand tooth which is flattened out to a knife blade. It can rake all weeds together and then pick them up.

It throws as much soil in hilling as a hoe, breaking the soil at the same time. Works just where you place it—against the wall or fence, no matter how crowded the plants you can reach between or under, and cultivate without difficulty.

Price, \$0.75.

WORKS WITH EASE—SAVES THE KNEES.

Mehler's Handy Gardener

Hoe, Rake, Weeder & Cultivator In One



An entirely distinct tool 5½ ins. wide with a special handle 4½ ft. long; entire weight 2 lbs.

Note the comfortable position and special arrangement of the five teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke.

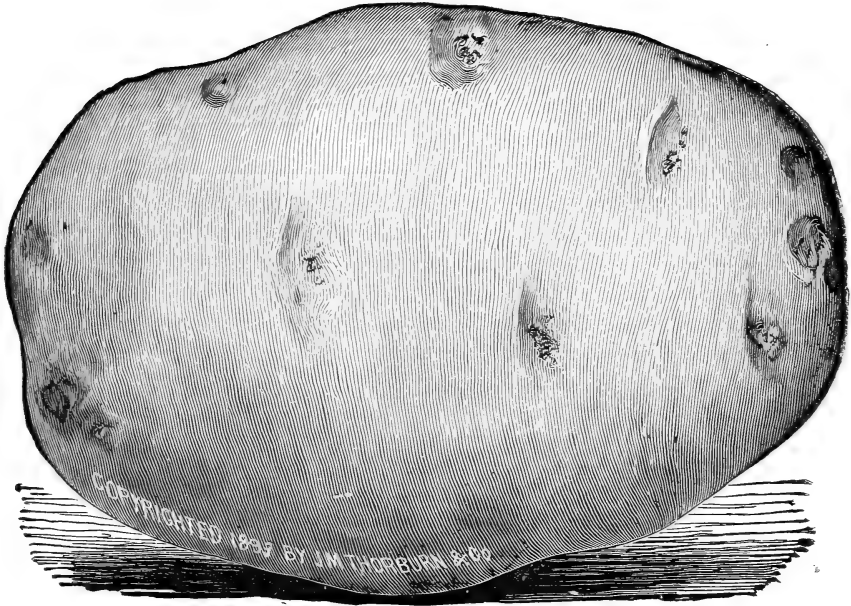
No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants. Send for descriptive circular



Northern Grown Seed Potatoes

IN BARRELS OF 165 POUNDS EACH.

GROWN ESPECIALLY FOR SEED.



SIR WALTER RALEIGH.

For many years we have made a specialty of supplying our trade with Northern Grown Seed Potatoes, and have enjoyed a largely increased trade from year to year. This we attribute to the fact, that our stock is especially grown for seed, by experienced growers in the cold North East, and being pure and true to name, produces a much larger yield, and potatoes of a much finer quality than the Home grown and Western stocks, usually sold in the open market for seed purposes. Each barrel contains 165 lbs. of full size tubers.

EARLY VARIETIES.

	Per Bbl.
Scott's Extra Early, very early, heavy yielder, good keeper.....	\$5.00
Noroton Beauty, of the old Peachblow type—very early	5.00
Early Bovee, new, very early, smooth, excellent quality, good yielder.....	4.50
Early Six Weeks, extra early, resembling Early Ohio	4.75
Early Vermont, very productive, much like Early Rose	4.50
Early Rose, old, yet always reliable.....	4.50
Early Beauty of Hebron, one of the best for garden, good all the year.....	4.50
Early Ohio, extra early, good for market garden, excellent quality.....	4.75
Early Everett, early, a good yielder of excellent quality	4.50
Irish Cobbler, extra early, heavy yielder, fine quality	4.75
Clark's No. 1, good for either garden or field culture, like Early Rose.....	4.50
Ohio Junior, extra early, fine quality.....	4.75

LATE VARIETIES.

Carman No. 3, white, heavy yielder, resembling Rural New Yorker.....	\$4.00
Rural New Yorker No. 2, very popular, handsome, heavy yielder.....	4.00
Seneca Beauty, good yielder of excellent quality.....	4.50
State of Maine, large, white, round, fine eating, heavy yielder.....	4.75
Sir Walter Raleigh, large, smooth, white, heavy yielder	4.00
Late Rose, a well-known, medium, late variety.....	4.50
	Pk. ½ Bu. Bu.
Peach Blow, the old time favorite unrivalled in flavor	\$1.00 \$1.75 \$3.00

There is no crop so much benefited by the introduction of fresh new seed as the potato.

Write for special prices on 10-barrel lots and upward.

ORDER EARLY WHILE OUR STOCKS ARE COMPLETE.

VEGETABLE SEEDS

SEEDS BY MAIL—Postage is 8 cents per pound. For Peas, Beans and Corn, add 15 cents per quart to prices quoted.

REMITTANCES can be made by postal money order, bank draft, registered letter, or express company's money order. Amounts less than two dollars may be remitted in postage stamps.

SHIPPING INSTRUCTIONS—When goods are to be shipped by freight or express, give plain shipping directions. Otherwise we use our own judgment in this matter.

GUARANTEE—Seeds of the best quality are apt to fail, through improper treatment, by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions, are apt to decay. The young plants are liable to various accidents; cold or dry air may check their growth or destroy them. Insects above and below the ground may attack them, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction, and for all these reasons it is impossible under all circumstances to **Guarantee Seeds**. While we exercise the greatest care to have all seeds pure and reliable, we give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds we send out, and 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.

SEEDS IN PACKETS—We put up all of our packet seeds out of the same stock as larger quantities, which gives the gardener on a small scale the same fresh reliable seeds as the largest market gardener.

Prices subject to change without notice.

Half bushels will be charged at bushel rates; half pecks at peck rates; half pounds at pound rates. Less than half pecks at quart rates; less than quarter pounds at ounce rates.

ASPARAGUS

Eight ounces of Seed to 100 yards of row. 15 lbs. to the acre.



	oz.	¼ lb.	lb.
Conover's Colossal	\$0.10	\$0.15	\$0.35
Palmetto	.10	.15	.50
Large Mammoth	.10	.15	.50

Packets—all varieties, 5c each.

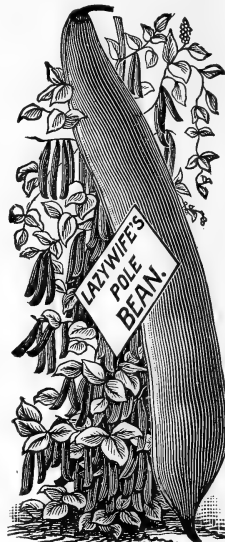
Roots—2-year old Palmetto.

100 by express, not prepaid	\$0.75
1000 by express, not prepaid	5.50

BEANS

POLE OR RUNNING.

Three pints of seed to 100 yards of row
15 quarts to the acre.



	Pt.	Qt.	Pk.	Bu.
Extra Early Jersey (Jersey Grown)	\$.025	\$0.40	\$2.50	\$9.50
Extra Early Jersey Lima	.15	.30	1.90	7.00
Seibert's Early Lima	.15	.30	1.90	7.00
King of the Garden Lima	.15	.30	1.90	7.00
Leviathan	.15	.30	2.00	7.50
Large White Lima	.15	.30	1.90	7.00
Kentucky Wonder	.15	.25	1.75	6.50
Kentucky Wonder Wax	.20	.35	2.25	8.00
Lazy Wife	.15	.25	1.75	6.50
Scarlet Runner	.15	.25	1.75	6.50
King Horticultural	.15	.25	1.75	6.50
Golden Carmine	.15	.25	1.75	6.50

BUSH LIMAS.

Fordhook	.20	.35	2.25	8.00
Burpee's	.15	.30	2.00	7.50
Burpee's Improved	.20	.35	2.25	8.00

DWARF GREEN PODDED.

Three quarts of Seed to 100 yards of row. 1½ bushels to the acre.

	Pt.	Qt.	Pk.	Bu.
Burpee's Stringless	\$.015	\$0.25	\$1.75	\$6.00
Improved Extra Early Red Valentine	.15	.25	1.50	5.00
Refugee or 1,000 to 1	.15	.25	1.50	5.00
White Kidney	.10	.20	1.50	5.00
Longfellow	.15	.25	1.50	5.00
Dwarf Horticultural	.15	.25	1.50	5.00
Giant Stringless Green Pod	.15	.25	1.60	5.75
Extra Early Refugee	.15	.25	1.50	5.00
Black Valentine	.15	.25	1.50	5.00
Bountiful	.15	.25	1.60	5.50
Full Measure	.15	.25	1.60	5.50
White Navy	Prices named upon application			

DWARF WAX PODDED.

Three quarts of Seed to 100 yards of row. 1½ bushels to the acre.

	Pt.	Qt.	Pk.	Bu.
Golden Wax Improved	\$.015	\$0.25	\$1.50	\$5.50
Golden Eye Wax	.15	.25	1.50	5.50
Keeney's Rustless Golden Wax	.15	.25	1.50	5.50
Pencil Pod Black Wax	.15	.25	1.50	5.50
Flageolet Scarlet	.15	.25	1.75	6.00
Round Pod Kidney Wax	.15	.30	2.00	7.00
Wardwell's Kidney Wax	.15	.25	1.75	6.00
Stringless Refugee Wax	.15	.25	1.75	6.00
Davis Wax	.15	.25	1.75	6.50
Improved Prolific Black Wax	.15	.25	1.75	6.00
Hodson Wax	.15	.25	1.60	5.75
Sure Crop Stringless Wax	.20	.35	2.50	9.00



**GIANT STRINGLESS,
GREEN POD.**

Giant Stringless Green Pod.

Giant Stringless Green Pod is a round podded bush bean of very fine quality. The pod is full of meat and absolutely stringless even when large enough to shell. The quality is unsurpassed.



BLACK VALENTINE

Black Valentine.

A very early round green podded bush bean. Very hardy and prolific. Not liable to rust. Matures about the same time as the Red Valentine, but is more prolific.



Keeney's Rustless Golden Wax.

Keeney's Rustless Golden Wax is the most prolific flat wax bean known to the trade, and the only one that does not rust in unfavorable seasons. The pod is a rich yellow color, is meaty, of fine quality and perfectly stringless. It sends out a tendril when in blossom but this soon disappears and it is practically a bush bean thereafter. One of the best sorts in cultivation.

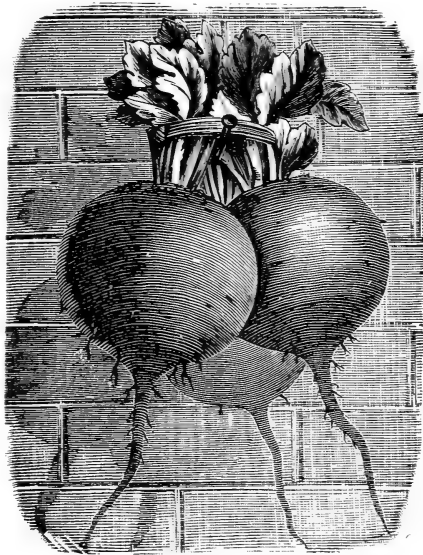


Round Pod Kidney Wax.

Round Pod Kidney Wax is one of the few Wax Beans combining productiveness, hardness, beautiful appearance and superfine quality. It is a handsome yellow brittle pod and perfectly stringless at all stages of growth. Not liable to rust.

BEETS—For Table Use.

Five ounces seed for 100 yards.



Early Eclipse.

	oz.	¼ lb.	lb.
Early Model.....	\$0.15	\$0.40	\$1.50
Extra Early Dirigo.....	.10	.30	1.00
Crosby's Extra Early.....	.10	.35	1.25
Extra Early Egyptian.....	.10	.35	1.25
Extra Early Eclipse.....	.10	.35	1.25
Dewing's Early Blood Turnip...	.10	.35	1.25
Early Blood Turnip.....	.10	.35	1.25
Detroit Dark Red.....	.10	.35	1.25
Crimson Globe.....	.10	.35	1.25
Swiss Chard.....	.10	.30	1.00

Packets—All Varieties, 5c each.

**CATTLE
BEETS, or
MANGLE
WURZEL**

Six pounds to the acre
in drills.



Golden Tankard.

Norbiton Giant.....	\$0.10	\$0.20	\$0.50
Golden Tankard.....	.10	.20	.50
Long Red Mammoth.....	.10	.20	.50
White Sugar.....	.10	.20	.50
Red Globe.....	.10	.20	.50

5 lb. lots or over, 40c per lb.



Broccoli.

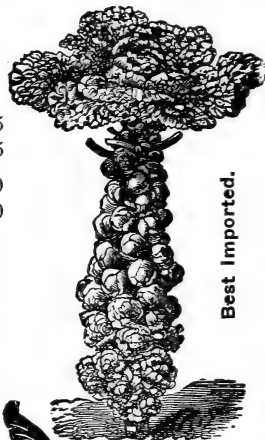
BROCCOLI

	oz.	¼ lb.	lb.
White Cape.....	\$0.25	\$0.80	\$3.00
Purple Cape.....	.25	.80	3.00

Packets, all varieties, 5c each

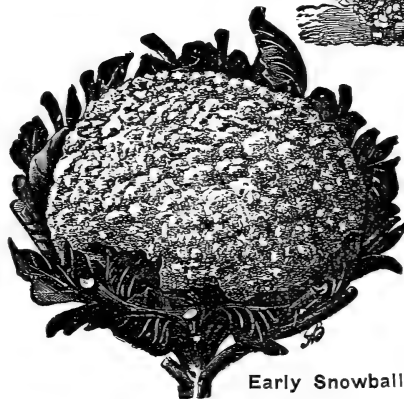
**BRUSSELS
SPROUTS**

Packet	\$0.05
Ounce .....	.15
¼ lb. ....	.50
1 lb.	1.50



Best Imported.

CAULIFLOWER



Early Snowball.

One-half ounce of seed to 100
yards of row.

	Pkt.	¼ oz.	oz.	¼ lb.
Select Early Snow ball..	\$0.40	\$0.75	\$2.50	\$8.00
Danish Giant or Dry				
Weather .....	.40	.75	2.50	9.00

CARROT

Three ounce Seed to 100 yards of row. Four
pounds to the acre.



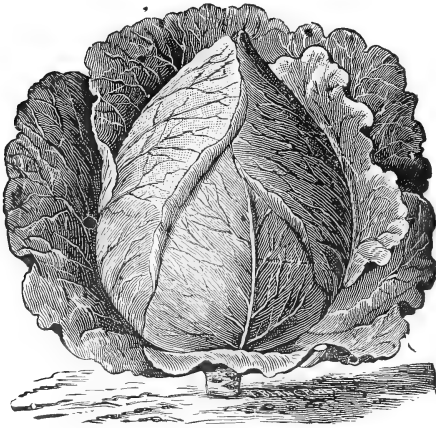
Chantenay.

	oz.	¼ lb.	lb.
Extra Early Forcing.....	\$0.10	\$0.30	\$1.00
Early Scarlet Horn, pointed root .....	.10	.30	1.00
Early Scarlet Horn, blunt root..	.10	.30	1.00
Danver's Half Long.....	.10	.35	1.25
Long Orange Improved.....	.10	.35	1.25
Chantenay .....	.10	.35	1.25
St. Valery.....	.10	.35	1.25
Half Long Luc.....	.10	.30	1.00

Packets—All Varieties, 5c each.

CABBAGE

One ounce of Seed to 100 yards of row.



Select Early Jersey Wakefield.

	oz.	¼ lb.	lb.
Early Spring	\$0.20	\$0.60	\$2.00
Eureka .....	.20	.60	2.00
Select Very Early Jersey Wakefield .....	.20	.60	2.00
Charleston Large Wakefield....	.20	.60	2.00
Glory of Enkhuizen .....	.30	.90	3.00
Copenhagen Early Market.....	.50	1.75	5.50
Henderson's Early Summer ...	.20	.60	2.00
Burpee's All Head.....	.20	.60	2.00
Burpee's Surehead.....	.20	.60	2.00
Succession .....	.20	.60	2.00
All Season.....	.20	.60	2.00
Hollander or Danish Ball Head, Short Stem.....	.25	.75	2.75
Hollander or Danish Ball Head, Long Stem.....	.25	.75	2.75
Premium Flat Dutch .....	.20	.60	2.00
Swedish (Flat Head).....	.25	.75	2.50
Houser .....	.20	.60	2.00
Mammoth Red Rock.....	.20	.60	2.00
Large Late Drumhead .....	.20	.60	2.00
Drumhead Savoy .....	.20	.60	2.00
Green Curled Savoy .....	.20	.60	2.00
Packets—All Varieties, except Copenhagen, 5c ea.			

CHICORY

	oz.	¼ lb.	lb.
Large Rooted	\$0.10	\$0.25	\$0.75

CORN SALAD

	oz.	¼ lb.	lb.
Large Seeded	\$0.10	\$0.20	\$0.60

CELERY

Eight Ounces Per Acre.



Crawford's Half Dwarf.

	oz.	¼ lb.	lb.
Golden Self-Blanching, French..	\$1.25	\$4.00	\$....
Golden Self-Blanching, Am'c'n.	.45	1.50	....
Giant Pascal.....	.20	.60	2.00
White Plume.....	.25	.75	2.50
Crawford's Half Dwarf.....	.20	.60	2.00
Celeriac, Large Prague.....	.20	.60	2.00
Celery Seed for Seasoning ....	.05	.10	.30
Perfection Heartwell.....	.20	.60	2.00
Winter Queen.....	.25	.75	2.25
Packets—All Varieties, 5c each.			

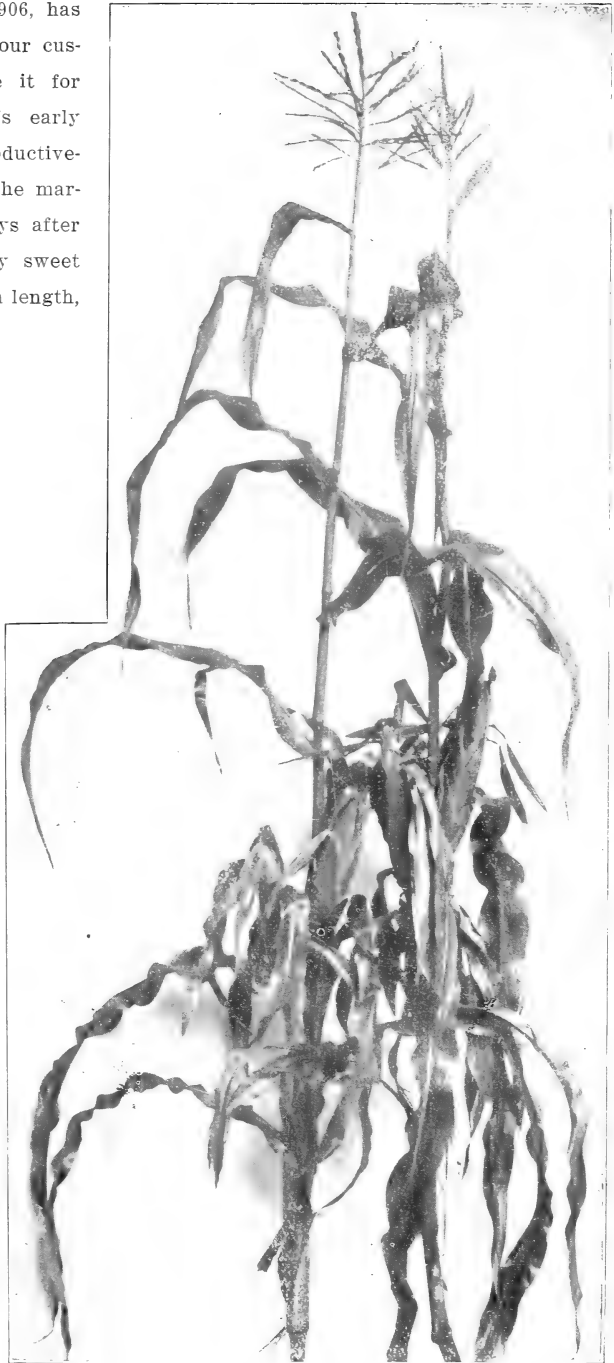
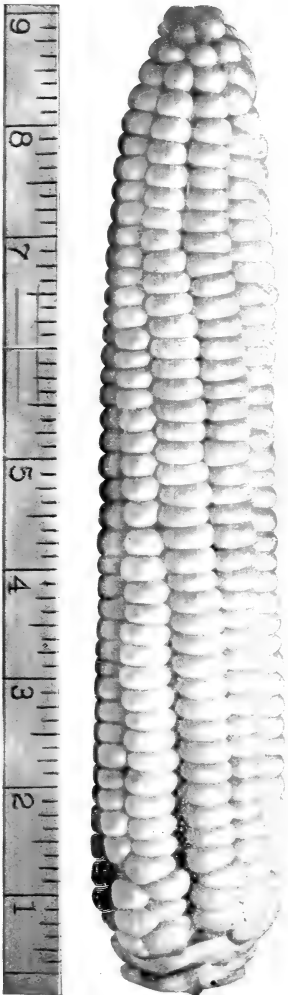
SUGAR CORN

One pint of Seed for 100 yards of row. Eight quarts per acre. Postage 15c per quart in addition to prices quoted below.

	Qt.	Pk.	Bu.
Early Mayflower.....	\$0.25	\$1.75	\$6.00
Peep O'Day.....	.25	1.50	5.00
Golden Bantam.....	.30	1.75	6.00
Adams' Extra Early (not a Sugar Corn) .....	.20	1.00	3.50
Scott's Early Perfection.....	.25	1.50	5.00
Premo, Extra Early.....	.20	1.25	4.50
Extra Early Cory, white cob....	.20	1.25	4.50
Extra Early Minnesota.....	.20	1.25	4.50
Early Evergreen.....	.20	1.25	4.50
Kendal's Early Giant.....	.20	1.25	4.50
Early Champion.....	.20	1.25	4.50
Early Mammoth.....	.20	1.25	4.50
Late Mammoth.....	.20	1.25	4.50
Stowell's Evergreen.....	.20	1.25	4.50
Black Mexican.....	.20	1.25	4.50
Country Gentleman.....	.20	1.50	4.50
White Evergreen.....	.20	1.25	4.50
Columbus Market .....	.20	1.50	4.50
Howling Mob .....	.20	1.50	4.50
Zigzag Evergreen.....	.20	1.25	4.50
Pop Corn (White Rice), 10c per lb.			

Scott's Early Perfection Sugar Corn

This variety, introduced by us in 1906, has each year become more popular with our customers. Some market gardeners use it for early, medium and late planting. It's early maturity and excellent quality and productiveness make it a profitable variety for the market gardener. Matures five to six days after the earliest extra earlies, and is very sweet and tender. Ears from 6 to 10 inches in length, height of stock from 5 to 7 feet.



PRICES:

Quart 25c; Peck \$1.50; Bushel \$5.00

FIELD CORN

Iowa Silver Mine (white)	} Prices Quoted on Application.
Pride of the North	
White Cap Yellow Dent	
Reid's Yellow Dent	
Leaming Improved	
Mastodon	
Ensilage, Evergreen (Sugar)	
Ensilage, Virginia Horse Tooth	
Ensilage, Red Cob	

CRESS OR PEPPER-GRASS

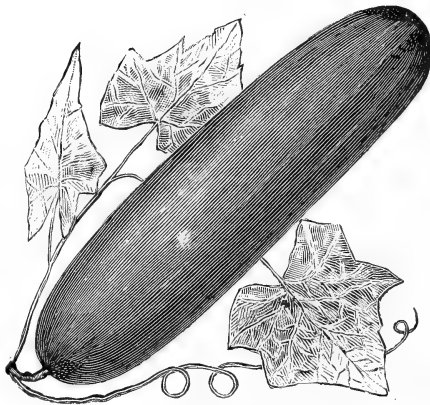


	oz.	¼ lb.	lb.
Curled Pepper	\$0.10	\$0.15	\$0.50
Water Cress (true) .....	.40		

Packets—All Varieties, 5c each.

CUCUMBER

Three pounds per acre.



Livingston's Emerald.

Four ounces Seed to 100 yards of row.

	oz.	¼ lb.	lb.
Davis Perfect	\$0.10	\$0.25	\$0.90
Livingston's Emerald .....	.10	.25	.75
Early Frame .....	.10	.25	.75
Improved Early White Spine .....	.10	.25	.75
Arlington White Spine .....	.10	.25	.75
Evergreen White Spine .....	.10	.25	.75
Bennett's White Spine Improv'd .....	.10	.25	.75
Extra Long White Spine .....	.10	.25	.75
Early Cluster .....	.10	.25	.75
Green Prolific Pickle .....	.10	.25	.75
West India Gherkin or Burr .....	.10	.25	.75
Long Green Turkey .....	.10	.25	.75
Japanese Climbing .....	.10	.25	.75
Cumberland .....	.10	.25	.75
Ford Hook Famous .....	.10	.25	.75
Early Fortune .....	.10	.25	.75
Extra Long Jersey Pickling .....	.10	.25	.75
Klondike .....	.10	.25	.75

Packets—All Varieties, 5c each.

ENDIVE

Two oz. seed for 100 yards of row. 3 lbs. per acre.



Curled Endive.

	oz.	¼ lb.	lb.
Green Curled	\$0.15	\$0.40	\$1.50
White Curled .....	.15	.40	1.50
Broad Leaved .....	.15	.40	1.50

Packets—All Varieties, 5c each.



Egg Plant.

EGG PLANT

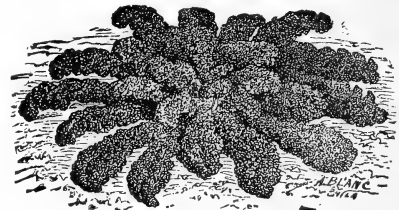
One Ounce of Seed for 100 yards of row.

	oz.	¼ lb.	lb.
New York Improved Purple Spineless	\$0.30	\$1.00	\$3.50
Florida High Bush .....	.30	1.00	3.50
Black Beauty .....	.30	1.00	3.50

Packets—All Varieties, 5c each.

KALE

One Ounce of Seed for 100 yards of row. Four pounds per acre.



Dwarf Curled Kale.

	oz.	¼ lb.	lb.
Dwarf Curled Scotch	\$0.10	\$0.25	\$0.60
Tall Curled Scotch .....	.10	.25	.60
Siberian .....	.10	.25	.60
Dwarf German .....	.10	.25	.60

Packets—All Varieties, 5c each.

KOHL



RABI

Vienna Kohl Rabi.

One Ounce of Seed for 100 yards of row.

	oz.	¼ lb.	lb.
White Vienna	\$0.20	\$0.60	\$2.00
Early Large Purple .....	.20	.60	2.00
Large Green or White .....	.20	.60	2.00

Packets—All Varieties, 5c each.



Leek.

LEEK

Two Ounces Seed to 100 yards of row.
Four pounds to the acre.

	oz.	¼ lb.	lb.
Large London or Flag	\$0.15	\$0.40	\$1.50
Musselburg .....	.15	.40	1.50
Packets—All Varieties, 5c each.			

LETTUCE

Two Ounces of Seed to 100 yards of row.
Four pounds to the acre.



Improved Hanson.

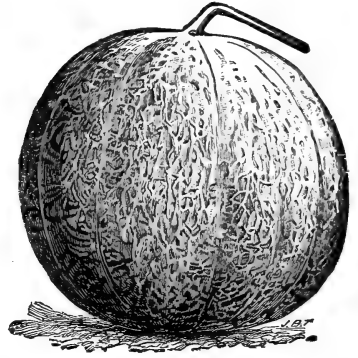
	oz.	¼ lb.	lb.
Grand Rapids.....	\$0.10	\$0.30	\$1.00
Early Curled Simpson, White Seed .....	.10	.30	1.00
Black Seeded Simpson.....	.10	.30	1.00
Golden Curled.....	.20	.70	2.00
Large Summer Cabbage.....	.10	.30	1.00
Hanson (Improved).....	.10	.30	1.00
Big Boston.....	.10	.30	1.00
Brown Chartiers.....	.20	.70	2.00
Mammoth Black Seeded Butter.....	.10	.30	1.00
Immensity (New and Extra Fine) .....	.10	.30	1.00
May King.....	.10	.30	1.00
Romaine .....	.10	.30	1.00
Packets—All Varieties, 5c each.			

MELON—WATER

Three Ounces of Seed to 100 yards of row.
Four pounds to the acre.

	oz.	¼ lb.	lb.
Kleckley's Sweet	\$0.10	\$0.25	\$0.75
Eden .....	.10	.25	.75
Packets—All Varieties, 5c each.			

MELON—MUSK or CANTELOUPE



Two Ounces of Seed to 100 yards of row.
Four pounds to the acre.

	oz.	¼ lb.	lb.
Extra Early Hackensack—Green Flesh	\$0.10	\$0.25	\$0.75
Hackensack or Turks Cap—Green Flesh .....	.10	.25	.75
Miller's Cream—Yellow Flesh ...	.10	.25	.75
Emerald Gem—Salmon Flesh ...	.10	.25	.75
Tip Top—Salmon Flesh .....	.10	.25	.75
Rocky Ford .....	.10	.25	.75
Packets—All Varieties, 5c each.			

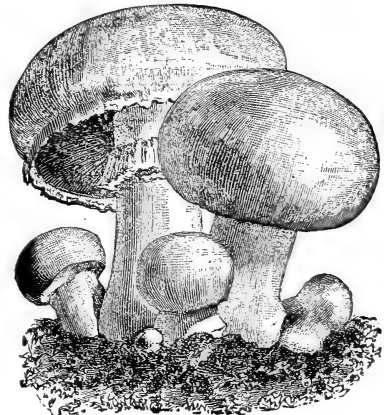


MUSTARD

Five Ounces of Seed to 100 yards of row.
Four pounds to the acre.

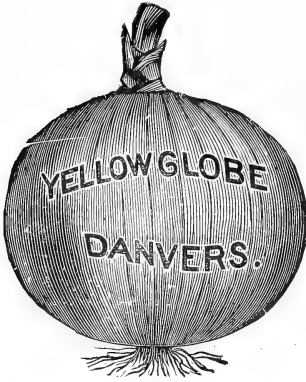
	oz.	¼ lb.	lb.
Southern Giant	\$0.10	\$0.15	\$0.35
Packet, 5c.			

LAMBERT'S PURE CULTURE "DIRECT" MUSHROOM SPAWN



Printed directions for growing furnished free.

Per brick	\$ 0.25
10 bricks	2.00
50 bricks	8.00
100 bricks	15.00



ONION

Six to eight pounds per acre for large onions. Sixty to seventy pounds per acre for sets

	oz.	¼ lb.	lb.
Extra Early, Large Red.....	\$0.15	\$0.45	\$1.50
Large Red Wethersfield.....	.15	.40	1.25
Yellow Danvers, Flat.....	.15	.40	1.25
Yellow Globe Danvers.....	.15	.40	1.25
Yellow Dutch or Strasburg.....	.15	.35	1.25
White Portugal or Silverskin....	.20	.60	2.00
Prizetaker (Yellow).....	.15	.45	1.50
Southport White Globe.....	.20	.75	2.25
White Bunching.....	.20	.75	2.50
Packets—All Varieties, 5c each.			

ONION SETS

White	} Market Prices.
Yellow	



OKRA

Twelve Ounces of Seed to 100 yards of row. 20 pounds to the acre.

	oz.	¼ lb.	lb.
Long Green	\$0.10	\$0.20	\$0.60
Dwarf Prolific .....	.10	.20	.60
Packets—All Varieties, 5c each.			



PARSNIP

Three ounces of seed for 100 yards of row. Eight pounds per acre.

	oz.	¼ lb.	lb.
Hollow Crown or Long			
Smooth	\$0.10	\$0.20	\$0.60
Guernsey .....	.10	.20	.60
Maltese Half Long.....	.10	.20	.60
Packets—All Varieties, 5c each.			

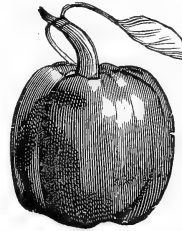
PARSLEY

Two Ounces of Seed for 100 yards of row. Eight pounds per acre.



Double Curled.

	oz.	¼ lb.	lb.
Double Curled.....	\$0.10	\$0.25	\$0.75
Plain or Single.....	.10	.25	.75
Hamburg Large Rooted.....	.15	.35	1.00
Hamburg Turnip Rooted.....	.15	.35	1.00
Packets—All Varieties, 5c each.			



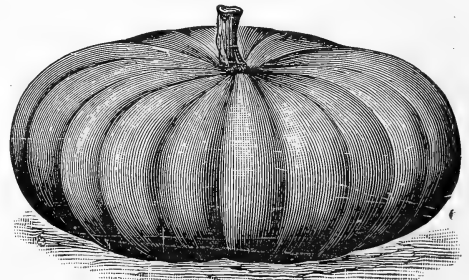
PEPPER

One ounce of seed to 100 yards of row.

	oz.	¼ lb.	lb.
Ruby King	\$0.25	\$0.75	\$2.50
Sweet Spanish .....	.25	.75	2.50
Bull Nose .....	.25	.75	2.50
Long Red Cayenne .....	.25	.75	2.50
Small Cayenne .....	.25	.75	2.50
Chinese Giant .....	.40	1.25	4.00
Ruby Giant.....	.40	1.25	4.00
Packets—All Varieties, 5c each.			

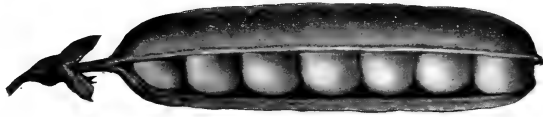
PUMPKIN

Two quarts to the acre. Hills 8 by 8 feet.

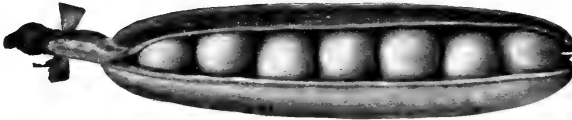


Large Cheese Pumpkin.

	oz.	¼ lb.	lb.
Golden Cushaw.....	\$0.10	\$0.25	\$0.75
Livingston's Cushaw.....	.10	.25	.75
Small Sugar (very fine).....	.10	.20	.60
Cushaw, Large Crookneck.....	.10	.25	.75
Large Cheese.....	.10	.20	.60
Mammoth Tours.....	.10	.25	.75
King of Mammoth.....	.10	.30	1.00
Connecticut Field (choice).....	.05	.15	.25
Kentucky Field.....	.05	.15	.30
Packets—All Varieties, 5c each.			



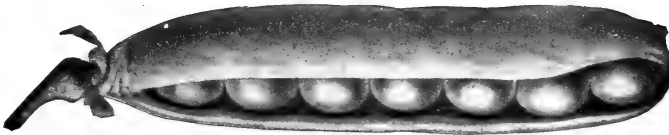
SURPRISE



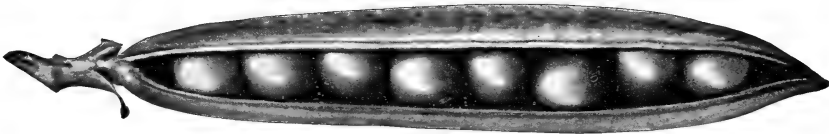
PEDIGREE EXTRA EARLY



PROLIFIC EARLY MARKET



THOMAS LAXTON



GRADUS OR PROSPERITY

Thomas Laxton Pea

The Thomas Laxton Pea is a large podded early pea of unsurpassed quality. It combines more desirable qualities than any other sort in cultivation.—Earliness, productiveness, extremely fine quality, with large handsome pods crammed full of delicious peas.

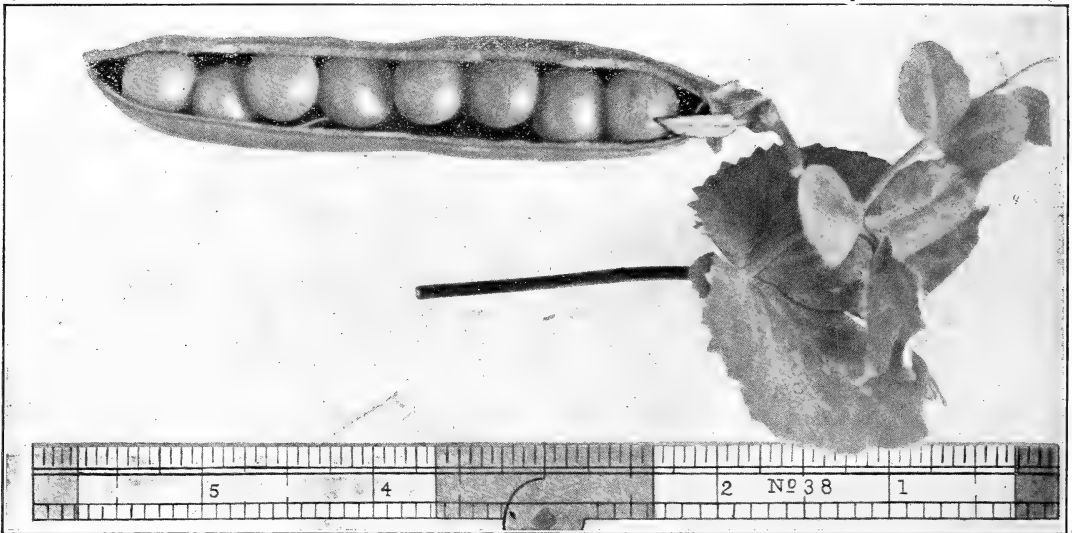
Gradus or Prosperity Pea

The Gradus or Prosperity Pea is a large podded pea of the Telephone type but very early. The quality is superfine. It is worth dollars where most other kinds are worth dimes.

PEAS

Three quarts of seed for 100 yards of row.

Dwarf Varieties, 2 bu. per acre. Tall Varieties, 1 to 1½ bu. per acre. Broadcast, 3 bu. per acre.



Extra Early Telephone Pea.

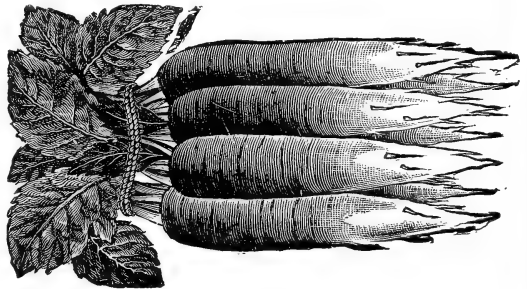
	Qt.	Pk.	Bu.
Landreth's Extra Early.....	\$0.35	\$2.00	\$7.00
Prolific Early Market.....	.35	2.00	7.00
First and Best.....	.25	1.75	6.50
Alaska Extra Early.....	.25	1.75	6.50
*Eclipse Extra Early.....	.35	2.00	7.00
Pedigree Extra Early.....	.35	2.00	7.00
*Surprise.....	.25	1.80	6.50
*Extra Early Telephone.....	.35	2.50	9.00
*Prosperity or Gradus.....	.35	2.50	9.00
*Thomas Laxton.....	.35	2.50	9.00
*Prince Edward.....	.35	2.50	9.00
*Laxtonia.....	.45	3.50	13.00
*Sutton's Excelsior (Dwarf)....	.35	2.00	7.00
*Nott's Excelsior.....	.35	2.50	9.00
*Alderman.....	.30	2.00	7.50
*McLean's Little Gem.....	.25	1.75	6.50
*Duke of Albany.....	.30	2.00	7.50
*Dwarf Telephone.....	.30	2.00	7.50
*Improved Telephone.....	.30	2.00	7.50
*Carter's Telephone.....	.30	2.00	7.50
*Premium Gem.....	.25	1.75	6.50
*Champion of England.....	.30	2.00	7.50
*American Wonder.....	.25	1.75	6.50
*Pride of the Market.....	.25	1.75	6.50
Mammoth Podded Sugar, Edible Pod.....	.40	2.75	....

Canada Field and Cow Peas—Prices furnished upon application.

Wrinkled Peas are marked with a star.

RADISH

Six Ounces of Seed will plant 100 yards of row. Eight pounds to the acre.



Chartier Rose.

	oz.	¼ lb.	lb.
Extra Early White Tip Forcing ..	.10	.20	.60
Early Cincinnati ..	.10	.20	.60
French Breakfast ..	.10	.20	.60
Long Scarlet Short Top ..	.10	.20	.60
Early Scarlet Turnip ..	.10	.20	.60
White Strasburg ..	.10	.20	.60
Chartier Rose Improved ..	.10	.20	.60
Long Black Spanish ..	.10	.20	.60
White Vienna ..	.10	.20	.60
White Lady Finger ..	.10	.20	.60
White Stuttgart ..	.10	.20	.60
Long White Spanish ..	.10	.20	.60
Market Gardener's Long Scarlet..	.10	.20	.60
Winter Chinese Rose ..	.10	.20	.60
Round Black Spanish ..	.10	.20	.60
Golden Yellow Oval ..	.10	.20	.60
Iceberg ..	.10	.20	.60
Scott's Crimson Globe.....	.10	.20	.60
Burpee's Scarlet Button ..	.10	.20	.60
Crimson Giant Turnip.....	.10	.20	.60

Packets—All Varieties, 5c each.

SQUASH

Three Ounces of Seed for 100 yards of row.
Three pounds to the acre.



Boston Marrow.

	oz.	¼ lb.	lb.
Ford Hook	\$0.10	\$0.25	\$0.75
Early White Bush .....	.10	.20	.65
Essex Hybrid .....	.10	.25	.75
Boston Marrow .....	.10	.20	.65
Improved Hubbard.....	.10	.30	.90
Golden Hubbard.....	.10	.30	.90
Marblehead .....	.10	.25	.75
Orange Marrow.....	.10	.30	.90
Packets—All Varieties, 5c each.			

SUNFLOWER

	oz.	¼ lb.	lb.
Giant Russian	\$0.05	\$0.10	\$0.15

SALSIFY

Four Ounces of Seed will sow 100 yards of row.

oz. ¼ lb. lb.

Mammoth Sand- wich Island ...	\$0.15	\$0.40	\$1.25
Packet, 5c.			



Salsify.



SPINACH

Six Ounces Seed for 100 yards of row.

oz. ¼ lb. lb. 7 lbs. 50 lbs.

New Zealand.....	\$0.10	\$0.25	\$0.75	\$....	\$....
Improved Large Round Thick Leaved.....	.05	.10	.20	1.00	6.75
Bloodsday Savoy.....	.05	.10	.20	1.00	6.75
Long Standing.....	.05	.10	.20	1.00	6.75
Victoria .....	.05	.10	.20	1.00	6.75
Bloodsday (sealed bag).....	\$1.25	per 5 lb. bag			

TOMATO

Three Ounces will sow 100 yards of row.



½ oz. oz. ¼ lb. lb.

Earliana, Adirondack	\$0.25	\$0.40	\$1.50	\$5.00
Earliana, Sparks .....	.15	.25	.85	3.00
Pink June .....	.15	.30	.90	3.00
Bonny Best.....	.15	.30	.85	3.00
Chalk's Early Jewel.....	.15	.25	.85	3.00
Acme .....	.15	.25	.75	2.50
Beauty .....	.15	.25	.75	2.50
Trucker's Favorite .....	.15	.25	.75	2.50
Livingston's Globe.....	.15	.30	1.00	3.50
Matchless .....	.15	.25	.75	2.50
Dwarf Champion .....	.15	.25	.75	2.50
Stone .....	.15	.25	.75	2.50
Dwarf Stone .....	.15	.25	.85	3.00
Livingston's Hummer.....	.15	.30	.85	3.00
Paragon .....	.15	.25	.75	2.50
Buckeye State .....	.20	.35	1.25	4.00
Ponderosa .....	.20	.35	1.25	4.00
Beefsteak .....	.15	.30	1.00	3.25
Ten Ton Landreth's .....	.15	.25	.90	3.00
Livingston's Magnus .....	.15	.25	.85	3.00
Livingston's New Coreless..	.15	.30	.85	3.00
Landreth's Red Rock.....	.20	.40	1.25	4.00
Imperial .....	.15	.25	.75	2.50
Yellow Plum .....	.15	.25	.75	2.50
Packets—All Varieties, 5c each.				



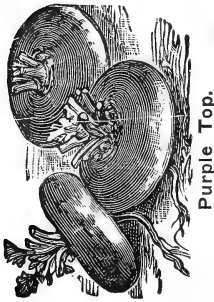
TOBACCO

oz. ¼ lb. lb.

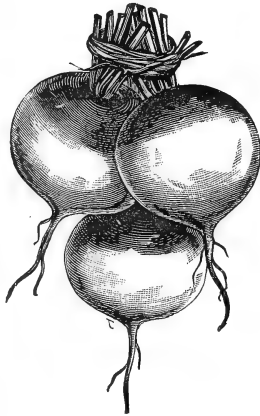
Connecticut Seed Leaf	\$0.30	\$1.00	\$3.00
Havana .....	.30	1.00	3.00
Packets—All Varieties, 5c each.			

TURNIP—For Table Use.

Three Ounces of Seed will sow 100 yards of row. One pound to the acre.



Purple Top.



Purple Top Globe.

	oz.	¼ lb.	lb.
Purple Top, Flat or Strap Leaf.	\$0.10	\$0.15	\$0.40
Purple Top Globe.....	.10	.20	.50
Cow Horn.....	.10	.20	.50
Extra Early White Milan.....	.10	.30	1.00
Packets—All Varieties, 5c each.			

TURNIP—For Stock

	oz.	¼ lb.	lb.
Sweet German Ruta Baga	\$0.10	\$0.15	\$0.40
Improved Purple Top Ruta Baga.	.10	.15	.40

HERBS

	oz.	¼ lb.	lb.
Anise	\$0.10	\$0.30	\$1.00
Balm .....	.25	.75	2.50
Sweet Basil .....	.20	.50	1.50
Borage .....	.20	.50	1.50
Caraway .....	.10	.25	.75
Coriander .....	.15	.35	1.00
Dill .....	.10	.25	.75
Sweet Fennel .....	.15	.35	1.00
Horehound .....	.25	.75	2.00
Lavender .....	.25	.75	2.00
Sweet Marjoram.....	.15	.50	1.75
Rue .....	.25	.75	2.00
Sage .....	.15	.50	1.75
Summer Savory.....	.15	.50	1.75
Thyme .....	.30	1.00	3.50
Tansy		Per packet,	10c

Packets—All Varieties, 5c each.

LAWN GRASS SEED.

FINEST MIXED.

A thoroughly first-class mixture made of the best and cleanest grades of those varieties of grasses best adapted to general lawn purposes.

The object aimed at in our mixture is to produce a durable and lasting lawn that will withstand the extremes of heat and cold, moisture and drought of our Pennsylvania climate.

PRICES.

Less than 10 lbs.....	\$0.20 per lb.
10 to 25 lbs.....	.18 per lb.
25 lbs. and over.....	.16 per lb.

Measured bushel weighs about 24 lbs. Special prices in larger quantities.

SHADY LAWN MIXTURE.

A selection of fine grasses which thrive under the shade of trees or buildings where there is little sun.

Less than 10 lbs.....	\$0.35 per lb.
10 lbs. and over.....	.30 per lb.

Prices on Kentucky Blue Grass, White Clover, Red Top, Perennial Rye Grass, Sheep Fescue, Wood Meadow Grass, Crested Dog's Tail, Rhode Island Bent Grass, Red Fescue, Hard Fescue, and Various Leaf Fescue will be quoted on request.

FLOWER SEEDS and BULBS

BULBS FOR SPRING PLANTING.

	Each	Doz.	100
Caladiums			
5 to 7 inch Circumference.	\$0.05	\$0.50	\$4.00
7 to 9 inch Circumference.	.08	.75	6.00
9 to 11 inch Circumference.	.15	1.50	9.00
Dahlia Roots			
Cactus Varieties—Assorted.	\$0.15	\$1.50	\$....
Show Varieties—Assorted..	.15	1.50	....
Gladioli—Superfine Mixed			
First Size.....	\$0.03	\$0.25	\$1.75
Tube Roses			
White Pearl.....	\$0.03	\$0.25	\$1.50

SEE NEXT PAGE FOR FLOWER SEEDS.

FLOWER SEEDS



SWEET PEAS

	pkt.	oz.	¼ lb.	lb.
Morning Glory, Finest Mixed—Tall..	\$0.05	\$0.10	\$0.20	\$0.60
Morning Glory, Japanese, Very Fine.	.05	.15	.35	1.00
Nasturtium, Tall—Fine Mixed.....	.05	.10	.20	.60
Nasturtium, Dwarf—Fine Mixed.....	.05	.10	.20	.60
Sweet Peas, Finest Mixed Varieties.	.05	.10	.25	.90
Gourds, Dipper.....	.05	.20	....	....
Gourds, Dish Rag.....	.05	.20	....	....

MISCELLANEOUS

	Pkt.
Alyssum, Little Gem.....	\$0.05
Aster, Semple's Branching, White.....	.10
Aster, Semple's Branching, Light Pink.....	.10
Aster, Semple's Branching, Dark Purple.....	.10
Aster, Semple's Branching, Mixed.....	.10
Aster, Finest Mixed.....	.05
Bachelor's Button, Mixed.....	.05
Bachelor's Button, Double Mixed.....	.05
Balloon Vine.....	.05
Balsam, Double Dwarf Mixed.....	.05
Calliopsis, Fine Mixed.....	.05
Candytuft, Fine Mixed.....	.05
Carnation, Choice Double Mixed.....	.10
Carnation, Marguerite.....	.05
Castor Bean.....	.05
Celosia, Dwarf Mixed.....	.05
Centaurea, Imperialis Mixed.....	.10
Columbine, Double Mixed.....	.05
Cosmos, Early Flowering Mixed.....	.05
Cypress Vine, Mixed.....	.05
Daisy, Double Mixed.....	.05
Four O'Clock, Mixed.....	.05
Foxglove, Mixed.....	.05
Heliotrope, Dark Varieties, Mixed.....	.10
Hollyhock, Double Choice, Mixed.....	.10
Hollyhock, Double, Mixed.....	.05
Ice Plant.....	.05
Ipomoea, Fine, Mixed.....	.05
Job's Tears.....	.05
Larkspur, Double Dwarf, Mixed.....	.05
Marigold, El Dorado Double.....	.05
Marigold, Double, Mixed.....	.05

	Pkt.
Mignonette, Machtet.....	.05
Moon Flower.....	.10
Musk Plant.....	.05
Pansies, Extra Choice, Mixed.....	.10
Pansies, Choice, Mixed.....	.05
Pansies, Bugnot's Very Large Stained, Mixed	.15
Petunia, Large Flowered, Mixed.....	.10
Petunia, Double Mixed.....	.20
Petunia, Finest Striped and Blotched.....	.05
Phlox Drummondii, Extra Choicest, Mixed....	.05
Poppy, California.....	.05
Poppy, Shirley.....	.05
Poppy, Double Choce, Mixed.....	.05
Portulaca, Single, Fine Mixed.....	.05
Portulaca, Double, Mixed.....	.10
Pinks, Double Japan, Mixed.....	.05
Pinks, Double China, Mixed.....	.05
Salvia, Zurich.....	.10
Salvia, Bonfire.....	.10
Snapdragon, Fine Mixed.....	.05
Stock, Double German Mixed.....	.05
Stock, Emperor or Perpetual Mixed.....	.10
Sunflower, Double Chrysanthemum Flowered	.05
Sunflower, Stella.....	.05
Sweet William, Fine Mixed.....	.05
Sweet William, Double Mixed.....	.05
Verbena, Fine Mixed.....	.05
Verbena, Choice Mixed.....	.10
Wallflower, Early Brown.....	.05
Wallflower, Double Mixed.....	.10
Wild Cucumber.....	.05
Zinnia, Double Choice Mixed.....	.05

FIELD SEEDS

We carry in stock choice grades of the following Field Seeds, on which, owing to the fluctuations in market prices, we cannot quote prices here.

Medium Red Clover	Red Top	Sorghum	Spring Rye
Mammoth Red Clover	Sheep Fescue	Kaffir Corn	Oats
Alfalfa Clover	Wood Meadow Grass	Vetches	Ensilage Corn
Alsike Clover	Crested Dogs Tail	Speltz	Seed Corn
Crimson Clover	Rhode Island Bent Grass	Perennial Rye Grass	Buckwheat
White Clover	Red Fescue	Barley	Cow Peas
Timothy	Hard Fescue	Fall Wheat	Soy Beans
Blue Grass	Various Leaf Fescue	Spring Wheat	Essex Rape
Orchard Grass	Millet	Fall Rye	

Prices will be quoted on request. Samples will also be sent when requested. Our aim is always to furnish pure seed rather than to sell at low prices.

FARMOGERM

ALFALFA. The greatest forage crop grown—yields two to eight cuttings per year, an average of seven to twenty tons per acre. Contains one-third more protein (muscle building food) than clover. Horses, mules, cattle, hogs and chickens relish it and fatten rapidly on it. Eighty per cent. of the farms of this country can grow it, if they use the "Farmogerm Method." You cannot grow alfalfa on wet, soggy land or land with a close lying hard pan sub-soil; but how much of your farm is like that?

ON THE FARM The practice of sowing clovers, cowpeas and soy beans in rotation with corn, wheat, cotton and other crops is of great benefit. You can double the benefit if you treat the seeds with Farmogerm and follow instructions for putting the land in suitable condition.

IN THE GARDEN Increase your crop of peas, beans and sweet peas from fifty to one hundred per cent. by treating the seeds with Farmogerm. A few minutes' extra work and the expenditure of fifty cents means sweeter and better peas and beans, larger vines, heavily loaded with pods, and a longer bearing period. When you can gain so much for so little, isn't it worth while to try?



These Nodules are made by Farmogerm.

COST.

Garden size, containing material to treat the seeds for 1-6 acre of land, each	\$0.50
Acre size, containing material to treat the seeds for 1 acre of land, each	2.00
Five acre size, containing material to treat the seeds for 5 acres of land, each	9.00

FOR THE FOLLOWING CROPS IN ACRE SIZES.

Red Clover,	Alfalfa,	Sweet Peas,
Mammoth Clover,	Berseem,	Cow Peas,
Crimson Clover,	Peanuts,	Canadian Field Peas,
White Clover,	Vetch,	Soy Beans,
Burr Clover,	Lupins,	and all other
Sweet Clover,	Garden Beans, legumes	
Alsike,	Garden Peas,	

IN GARDEN SIZE.

For Peas, Beans and Sweet Peas; also a mixed culture good for all three.

IN ORDERING state what crop you wish to plant; quantity wanted, and ask for book on the GERM METHOD.

THOMAS PHOSPHATE POWDER

(KEY TREE BRAND)

Our trade on Thomas Phosphate Powder has more than doubled each season for the past five years. Customers who buy small trial orders invariably come back for larger orders with glowing reports about the crops they raised with it. It seems to be just what Pennsylvania soils need. Farmers, truckers, and fruit growers all speak well of it.



GUARANTEED ANALYSIS

	Per Cent.
Total Phos. Acid	17.00 to 19.00
Available Ph. Acid	15.00 to 16.00
Insoluble Ph. Acid	2.00 to 3.00
Lime	35.00 to 50.00
Magnesia	5.00 to 6.00
Iron	13.00 to 14.00
Manganese	7.00 to 9.00

THOMAS PHOSPHATE POWDER (Basic Slag) is a valuable product from the manufacture of steel by the modified Bessemer (Basic) process.

Only by buying Thomas Phosphate Powder bearing this Trade Mark can you be sure to get the genuine unadulterated material

WHY BASIC SLAG IS A SUPERIOR PHOSPHATE

The Phosphoric Acid in BASIC SLAG is in a form which cannot revert or go back to more insoluble forms when mixed with the soil as is the tendency with all superphosphates.

The Phosphoric Acid in BASIC SLAG is not washed from the soil by the heavy rains and leached away in the drainage waters as is the case with many phosphates.

In addition to its high content of Phosphoric Acid, the large amount of Lime in BASIC SLAG greatly adds to its value. Instead of having a souring effect upon the land as do superphosphates, BASIC SLAG, on account of its strong alkaline reaction, sweetens acid soils.

As seen from the above analysis, BASIC SLAG also contains a considerable amount of Magnesia which is extremely valuable in changing crude forms of plant foods in the soil into forms which the plant may take up readily. So powerful is its action in this direction, that it is often spoken of as a "chemical plow."

FOLLOWING THE USE OF THOMAS PHOSPHATE POWDER:

CLOVER and ALFALFA thrive where they have refused to grow before.

WHEAT and OTHER CEREALS take on new vigor and produce large, plump heads of grain.

The ORCHARDIST finds that both FOLIAGE and FRUIT develop high color, and that the FRUIT is of SUPERIOR SIZE AND KEEPING QUALITY.

CABBAGE, CAULIFLOWER and TURNIPS are free from club-foot and of better size and quality. BEETS are SMOOTHER, LARGER and EARLIER than ever before.

PRICES.

100 pounds	\$ 1.50	600 pounds	7.00
200 pounds	2.50	1000 pounds	10.75
2000 pounds	21.50		

Freight will be prepaid on straight ton lots or on mixed ton lots with other fertilizers.

Write for our special booklets "Fall Cereals and Forage Crops" and "Up to Date Fruit Growing," and learn what Successful Farmers, Successful Fruit Growers, State Departments of Agriculture, and the State Agricultural Colleges say about Thomas Phosphate Powder.

THOMASVILLE GROUND LIMESTONE

The use of Ground Limestone is not new, but has of recent years been called to the attention of farmers by the Department of Agriculture at Washington, and through all the State Agricultural Colleges and Experiment Stations. They all urge its use.

We claim that Thomasville Ground Limestone is the best on the market on account of its unusual softness which makes it very soluble. Also because it runs uniform, never falling below 97% Carbonate of Lime.

Write for sample and descriptive circular.

Carload—20 tons in bulk, per ton	\$3.50
Carload—20 tons in 100 pound bags, per ton	4.50

Above prices are delivered at Pittsburgh rate points taking P. & L. E. delivery. Delivered prices to points on other lines will be quoted on request.

Less than Carload Lots.

Ton	\$6.00	500 pounds	\$2.25
Half ton	3.50	100 pounds	.50

Above in 100 pound sacks F. O. B. Pittsburgh.

COE MORTIMER FERTILIZERS

The Coe Mortimer Co. has been manufacturing fertilizers for more than fifty years and the reason for the high reputation and merits of their products is not far to seek.

Their fertilizers combine the highest teachings of science and practical experience. Only plant food materials of the highest quality are permitted to enter their goods.

Our limited space will not permit of detailed description of the different brands here. We can only give analysis and prices. Full descriptive circulars giving detailed descriptions of the different brands and other valuable information will be mailed free on request.

PERUVIAN VEGETABLE GROWER.

PERUVIAN GUANO BASE.

For Potatoes, Corn, Root Crops, Sweet Corn and General Farm Crops.

Guaranteed Analysis.	Per Cent.	lbs.	Price.
Nitrogen	3.30 to 4.00	100	\$ 3.00
Equal to Ammonia	4.00 to 5.00	500	12.50
Available Phosphoric Acid	8.00 to 9.00	1000	24.00
Potash (K ₂ O Actual)	9.00 to 10.00	2000	48.00

COLUMBIAN CORN and POTATO FERTILIZER.

GUARANTEED ANALYSIS.

	Per Cent.
Nitrogen	1.23 to 1.65
Equal to Ammonia	1.50 to 2.25
Soluble Phosphoric Acid	4.00 to 5.00
Reverted Phosphoric Acid	4.50 to 6.00
Available Phosphoric Acid	8.50 to 9.50
Insoluble Phosphoric Acid	1.00 to 2.00
Total Phosphoric Acid	9.50 to 12.00
Potash, K ₂ O	2.50 to 3.00

PRICES.

100 pounds	\$ 1.75
500 pounds	7.25
1000 pounds	13.50
2000 pounds	27.00

PENNSYLVANIA No. 1 GRAIN SPECIAL.

FOR WHEAT, RYE AND OATS.

GUARANTEED ANALYSIS.

	Per Cent.
Nitrogen	.80 to 1.00
Equal to Ammonia	1.00 to 2.00
Soluble Phosphoric Acid	4.00 to 5.00
Reverted Phosphoric Acid	4.00 to 5.00
Available Phosphoric Acid	8.00 to 9.00
Insoluble Phosphoric Acid	1.00 to 2.00
Total Phosphoric Acid	9.00 to 12.00
Potash, K ₂ O	3.00 to 4.00

PRICES.

100 pounds	\$ 1.50	1000 pounds	\$12.50
500 pounds	6.75	2000 pounds	25.00

ONONDAGA SPECIAL FERTILIZER.

FOR ALL CROPS.

GUARANTEED ANALYSIS.

	Per Cent.
Nitrogen	.80 to 1.00
Ammonia	1.00 to 2.00
Available Phosphoric Acid	7.00 to 8.00
Soluble Phosphoric Acid	3.00 to 4.00
Reverted Phosphoric Acid	4.00 to 5.00
Insoluble Phosphoric Acid	1.00 to 2.00
Total Phosphoric Acid	8.00 to 10.00
Potash, K ₂ O	1.00 to 2.00

PRICES.

100 pounds	\$ 1.40
500 pounds	6.25
1000 pounds	11.50
2000 pounds	23.00

PERUVIAN GRASS TOP DRESSING.

PERUVIAN GUANO BASE.

For the Production of Large Crops of Hay on a Commercial Basis.

The fact that the use of this fertilizer is giving crops of from 4 to 7 tons of well cured hay per acre is excellent proof of its power as a hay maker.

Guaranteed Analysis.	Per Cent.	lbs.	Price.
Nitrogen	8.24 to 10.00	100	\$ 3.50
Equal to Ammonia	10.00 to 11.00	500	15.50
Phosphoric Acid	6.00 to 8.00	1000	30.00
Potash K ₂ O Actual	6.00 to 7.00	2000	60.00

PURE RAW BONE MEAL.

We guarantee this brand to be manufactured strictly from slaughterhouse bone.

ANALYSIS.

	Per Cent.
Ammonia	4.50 to 6.00
Phosphoric Acid	21.00 to 23.00
Equal to Bone Phos.	45.88 to 50.25

Put up in 100 pound sacks.

PRICES.

100 pounds	\$ 2.00
500 pounds	7.50
1000 pounds	14.00
2000 pounds	28.00

LAWN AND GREEN HOUSE BONE MEAL.

A pure Bone Meal ground very fine. Especially adapted for Green Houses and Lawns.

MADE FROM SELECTED BONES.

ANALYSIS.

	Per Cent.
Ammonia	4.50 to 6.00
Phosphoric Acid	22.00 to 24.00
Equal to Bone Phos.	48.07 to 52.44

PRICES.

25 pounds	\$.75
50 pounds	1.40
100 pounds	2.50
500 pounds	8.50
1000 pounds	15.50
2000 pounds	31.00

IN REGARD TO FREIGHT SEE NEXT PAGE.

WIZARD BRAND PULVERIZED SHEEP MANURE.

This is the strongest and best natural fertilizer for lawns and gardens, vegetable and fruit growing.

The raw material is the richest manure obtainable, carefully selected and treated to destroy weed seeds and produce a highly concentrated, reliable fertilizer for home use.

PRICES.

5 pound Package	\$.25
10 pound Bag.....	.45
25 pound Bag.....	.65
50 pound Bag.....	1.10
100 pound Bag.....	1.75
500 pounds	8.00
2000 pounds	30.00

BLATCHFORD'S PLANT GROWER AND LAND RENOVATOR.

Composed of Pure Nitrate of Soda, Pure Sulphate of Ammonia, Pure Sulphate of Potash, Peruvian Guano, Rose Growers' Bone Meal, and Gypsum.

ANALYSIS.

	Per Cent.
Total Nitrogen	5.00
Soluble Potassium	5.00
Soluble Potash	6.00
Available Phosphorus	2.25
Available Phosphoric Acid	5.25
Total Phosphorus	4.50
Total Phosphoric Acid	10.50

Ask for directions for using.

PRICES.

1½ pound Can	\$.25
10 pound Bag .....	.50
20 pound Bag	1.00
100 pound Bag	3.00
500 pounds	14.00
2000 pounds	54.00

NITRATE OF SODA.

15 per cent Nitrogen equivalent to over 18 per cent Ammonia.

(200 pound bags.)

PRICES.

100 pounds	\$ 3.75
200 pounds	7.00
600 pounds	20.00
1000 pounds	32.50
2000 pounds	65.00

SULPHATE OF POTASH.

48 per cent actual Potash.

(200 pound bags.)

PRICES.

100 pounds	\$ 3.35
200 pounds	6.25
600 pounds	17.50
1000 pounds	29.00
2000 pounds	58.00

MURIATE OF POTASH.

50 per cent actual Potash.

(200 pound bags.)

PRICES.

100 pounds	\$ 3.00
200 pounds	5.60
600 pounds	15.75
1000 pounds	25.00
2000 pounds	50.00

ACID PHOSPHATE.

14 per cent to 16 per cent Available Phosphoric Acid.

(200 pound bags.)

PRICES.

100 pounds	\$1.20		600 pounds	\$5.50
200 pounds	2.00		1000 pounds	8.50
			2000 pounds.....	\$17.00

KAINIT.

12% Actual Potash.

100 pounds	\$1.20		600 pounds	\$5.50
200 pounds	2.00		1000 pounds	8.50
			2000 pounds.....	\$17.00

FREIGHT.

FREIGHT ON ALL FERTILIZERS INCLUDING NITRATE OF SODA, POTASH, ACID PHOSPHATE, AND THOMAS PHOSPHATE POWDER WILL BE PREPAID WHEN ORDERED IN STRAIGHT OR MIXED TON LOTS. SMALLER LOTS ARE F. O. B. CARS, PITTSBURGH.

INSECTICIDES.

The Insecticides and Machines for applying same described in the following pages are not novelties in the experimental stage, but have been thoroughly tested and found reliable for the uses for which they are intended.

Customers using large quantities of Insecticides are requested to write to us for special prices specifying the quantities wanted.

BUG DEATH

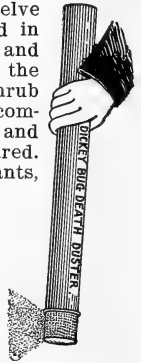
BUG DEATH is a fine powder and in composition is peculiar to itself, inasmuch as it does not depend upon arsenic for its killing power.

Bug Death Prevents Blight and Kills the Bugs



Pat. March 16 and Nov. 9, 1897.

The favorite among truckers and gardeners the past twelve years. BUG DEATH is the only insecticide and plant food in existence absolutely harmless to use which will kill bugs and insects, protect the life of the leaves and plants, increase the yield, insure highest quality, and promote vigor to plant, shrub or vine to which it may be applied. BUG DEATH is fast coming into favor for use on fruit trees, such as peach, plum and apple trees. It can be applied dry or in solution as desired. Just what is needed for melons, cucumbers, egg plant, currants, tomatoes, potatoes, etc.



PRICES.

1 -lb. Package	\$0.15
3 -lb. Package .....	.35
5 -lb. Package .....	.50
12½-lb. Package	1.00
100 -lb. Package	7.50
Dickey Duster for applying insecticides ..	.25

BUG AND BLIGHT DUST No. 3

Chemically prepared Bordeaux Mixture and Paris Green ready for use.

Destroys bugs and prevents blight in one operation.

Apply with duster, about 4 to 5 pounds per acre, according to size and condition of potato vines.

We have been selling Bug and Blight Dust No. 3 for the past five seasons, and the increased quantity sold each year and the many repeat orders received is the best evidence that it does the work.



PRICES.

2-lb. Box	\$0.40
100-lb. Keg	12.50
In Barrels, per lb. ....	.11



HAMMOND'S SLUG SHOT.

The old reliable remedy for Currant Worms, Cabbage Worms, Caterpillars and other insects that destroy vines and plants.

Used from Ocean to Ocean. A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Chicken Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides.

1-lb. Package	\$0.15
5-lb. Package .....	.35
25 pounds in 5-lb. Packages	1.50

DRY BORDEAUX MIXTURE

TO BE DILUTED WITH LIME DUST.

Preventive of blight on potato, tomato, celery plants, trees, etc. Also for fungous diseases.

1 lb. Box	\$.20
5 lb. Box .....	.90
50 lb. Keg	7.50

DRY BORDEAUX MIXTURE AND PARIS GREEN COMPOUND

To be diluted with lime dust.

1 lb. Box	\$.25
3 lb. Box .....	.70
35 lb. Bucket	7.00

Cheaper than Paris Green, it kills the bugs, and defends against flea beetles and blight.

BORDEAUX MIXTURE PASTE

Preventive of blight on potato, celery plants, etc. For fungous diseases on nursery stock, rust, moulds, leaf spot, leaf blight, mildews, black and brown rot; in fact, all fungous diseases.

2 lb. Glass Jar	\$.30
5 lb. Pail .....	.60
10 lb. Pail	1.00
20 lb. Pail	1.75

PURE POWDERED HELLEBORE

For destroying insects on Plants, Currant Bushes, etc.

1 lb. Boxes, each.....	\$0.25
------------------------	--------

WHALE OIL SOAP

For destroying insects on Plants and Trees.

½ lb. Boxes, each	\$0.10
1 lb. Boxes, each	\$0.15

STRICTLY PURE PARIS GREEN

¼-lb. Boxes, each	\$0.10
½-lb. Boxes, each .....	.15
1-lb Boxes, each .....	.25

TOBACCO DUST

Per lb.	\$0.05
Barrel, (about 150 lbs.) per lb. ....	.02½

COMMERCIAL FLOUR SULPHUR

FOR USE IN MAKING LIME SULPHUR SOLUTION.

PRICES

5 lbs.	25c	50 lbs.	\$1.35
10 lbs.	40c	110 lbs.	2.75
25 lbs.	75c	550 lbs.	12.25
1100 pounds and up, 2c per lb.			

GRASELLI'S

ARSENATE OF LEAD

Arsenate of Lead is a neutral insecticide. It destroys all leaf-eating insects, will not be washed off by rains, and will not burn the most delicate foliage.

Grasselli's Arsenate of Lead—Paste contains 15% Arsenic Oxide and 35% Lead Oxide, thus assuring consumers of a very superior grade fully equal in quality to the new insecticide law.

PRICES.

1-lb. Glass Jars	\$0.25
2-lb. Glass Jars .....	.40
5-lb. Pail .....	.80
10-lb. Pail	1.50
100-lb. Keg	10.50
300-lb. Barrel	30.00

GRASELLI'S

BORDEAUX LEAD ARSENATE

A combination of Bordeaux Mixture and Arsenate of Lead in paste form and is both a fungicide and an insecticide. Especially good for Potatoes as it not only kills the bugs but also prevents Blight.

PRICES.

1-lb. Glass Jar	\$.25
2-lb. Glass Jar .....	.40
5-lb. Glass Jar .....	.80
10-lb. Pail	1.50
100-lb. Keg	10.50

GRASELLI'S

LIME AND SULPHUR SOLUTION

Grasselli's Lime and Sulphur Solution will, if not exposed to the air, remain in solution a long time.

Will not clog the spray pumps because it is free from sediment.

Does not have to be applied hot, because it remains in solution.

FOR FALL AND EARLY SPRING SPRAY.

To destroy San Jose Scale, peach leaf curl (apply just before buds burst), bud moth, apple aphid, blister mite, peach worm, any scale insects or bark lice, etc., mix one gallon Graselli's Lime and Sulphur Solution with each eleven gallons of water.

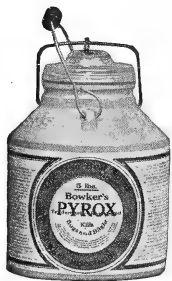
FOR SUMMER SPRAY.

For Apple Scab, Leaf Spot, and all Fungus diseases on apples and pears use 1 gallon to 33 gallons of water. For Peach Rot and Scab use 1 gallon to 100 gallons water.

PRICES.

1-Gallon Can	\$.60
5-Gallon Can	2.00
25-Gal. Half Barrel, per gallon.....	.23
50-Gal. Barrels, per gallon .....	.18

Bowker's Pyrox



The One Best Spray.
"Fills the Barrel with the Apples they used to put on top."

The best and safest all around spray for killing all forms of leaf-eating insects including the codling moth and the potato bug, and preventing attacks of fungous troubles and blight. It does not injure fruit or foliage and is equally good on apple trees, potatoes, garden vegetables and shrubbery. It 'sticks like paint, and rain won't wash it off.'

Several carloads of Pyrox were used in Pennsylvania last year without a single complaint. All of the silver cups awarded at the Meeting of the Fruit Growers' Association at Harrisburg went to fruit which had been sprayed with Pyrox.

1 lb.	\$0.25
5 lbs.	1.00
10 lbs.	1.75
25 lbs.	4.00
50 lbs.	7.50
100 lbs.	13.00

Bowker's Concentrated Lime Sulphur

Kills San Jose Scale, Oyster Shell Bark Lice, Etc., and gives the tree a thorough "house-cleaning."

It should be applied any time after the leaves drop in Autumn and before the buds start in the Spring. Needs only to be diluted with COLD water and it is ready to apply. One gallon makes ten gallons of spray. Guaranteed under the National Insecticide Act.

1 gallon	\$ 0.75
5 gallons	2.25
10 gallons	4.00
25 gallons	6.00
50 gallons	9.00

Bowker's Arsenate of Lead

(DISPARENE BRAND).

Kills all leaf-eating insects like fruit tree worms, caterpillars, potato bugs, elm-leaf beetles, etc., and sticks like paint to the leaves. It is easy to apply and sure in action.

1 pound	\$ 0.25
2 pounds .....	.40
5 pounds .....	.90
10 pounds	1.60
25 pounds	3.75
50 pounds	6.50
100 pounds	12.50

GRAFTING WAX

½ pound Package.....	\$0.15
1 pound Package.....	.25

"ELECTRO" Arsenate of Lead

(In Dry Powdered Form)

The only successful dry arsenate of lead because it is the only one in amorphous (non-crystalline) form. Electro Arsenate of Lead is in a form that will stick the longest. This is not true where the product is granular or crystalline. This is one reason why Electro Arsenate of Lead should always be used. Heavy rains will not readily wash it off and it will be effective for months after application. It mixes instantly with water.

Electro Dry Powdered Arsenate of Lead is the strongest as well as the safest to use. By our special process, which no other manufacturer can employ, we can combine properly with the lead, 32½ per cent. to 33 per cent. arsenic oxide (the active agent) and yet have less than ½ of 1 per cent. free arsenic oxide. (Free arsenic oxide will injure the foliage if in excess.) This gives a killing strength over 100 per cent. greater than that of other brands and, consequently, much less Electro Arsenate of Lead Powdered is needed to do the work.

PRICES.

1 lb. Carton	\$0.40	25 lb. Drum....	\$6.50
6 lb. Kit.....	1.90	50 lb. Drum....	12.50
12½ lb. Kit.....	3.50	100 lb. Drum....	23.00
300 lb. Barrel.....	\$63.00		

Scalecide

The Standard Soluble or Miscible Oil Spray for San Jose Scale and All Soft-Bodied Sucking Insects.

"SCALECIDE" should be applied in the Fall of the year just after the leaves drop, any pleasant day during the Winter when water will not freeze, or just before the leaves and buds begin to open in the Spring.

PRICES.

50 gal. bbls., 50c per gal.....	\$25.00
30 gal. jacketed tins	15.00
10 gal. jacketed cans	6.50
5 gal. jacketed cans	3.75
1 gal. jacketed cans	1.00

Tree Tanglefoot

TREE TANGLEFOOT is a sticky preparation similar to substance used on fly paper. It is applied directly to tree trunks with a wooden paddle. One application remains effective three to four months, (rain or shine) fully exposed to weather. Unquestionably the most simple, effective and economical means of protecting trees against gypsy, brown-tail or tussock moth, caterpillars, canker worms, climbing cut worms, ants or any other climbing pests. One pound makes 8 to 9 lineal feet of band. Will not injure trees. No mixing, always ready for use. Guaranteed to keep perfectly many years in original packages.

PRICES.

1 lb. can	\$0.30	10 lb. can	\$2.65
3 lb. can ....	.85	20 lb. can	4.80

Niagara Brand Soluble Sulphur

IN POWDER FORM

The use of lime-sulphur solution has become so wide-spread that nothing need be said as to its EFFECTIVENESS. The results of its use being satisfactory, the next thought naturally is to reduce the cost or to overcome some of the disagreeable features such as leakage, crystalizing, loss from broken barrel staves, paying freight on the water in which the lime and sulphur is dissolved, storage convenience, keeping qualities, etc.

Our first thought was to overcome the above disadvantages, but in our dry preparation we have not only accomplished that result but we have also discovered a material which not only has all the advantages of the lime-sulphur solution, but also controls aphis, which has lately been very troublesome in various sections of the country.

Briefly stated, the merits we claim for our new preparation are:

1. It controls Scale Insects, Fungus Diseases and Aphis, such as Apple Scab, Peach Leaf Curl, Apple and Pear Canker, Bitter and Soft Rot of Apple, Brown Rot of Peach and Plum, Black Rot of Grape, Anthracnose of Bean, makes smooth healthy bark, rich and vigorous growth of wood and foliage which means strong and healthy fruit buds, controls San Jose Scale, Oyster Shell Bark Louse and other scale insects, destroys the eggs of Pear Psylla, controls Blister Mite and Aphis.
2. It is put up in air tight cans in powder form and will keep indefinitely.
3. It is much cheaper and more convenient to handle than the lime-sulphur solution, as 100 pounds of this material will make as much diluted spray material as a barrel of solution weighing six hundred pounds.
4. There can be no leakage, the material being a powder.
5. It is less likely to be injured in shipping than a liquid.
6. It will keep indefinitely in any climate.
7. There is no expensive package to pay for or bother to return.
8. It does not injure foliage.
9. It sticks like paint.
10. It can be used in the Carbonic Gas Sprayers.
11. It dissolves readily in cold water.

DIRECTIONS FOR ITS USE.

For Winter Spraying, when trees are dormant, use 10 lbs. of the material to 50 gallons of water, for the control of San Jose Scale, Oyster Shell Bark Louse, Pear Psylla and other sucking insects. Use 10 lbs. of the material to 50 gallons of water for leaf blister mite, peach leaf curl, apple scab and other fungus diseases.

For Summer Spraying, when trees are in foliage, for the control of apple scab and larvae of sucking insects, use only $1\frac{1}{2}$ lbs. as $2\frac{1}{2}$ lbs. is liable to burn foliage, of the material to 50 gallons of water. For Peach and Plum foliage use $3\frac{1}{2}$ lbs. of the material to 200 gallons of water.

Prices:

1 pound	\$0.20	25 pounds	\$2.75
5 pounds .....	.75	50 pounds	4.25
10 pounds	1.25	100 pounds	7.00
500 pounds and up, \$6.50 per 100 pounds.			

APHINE

Effective against all soft bodied and plant sucking insects, such as green, black, white fly; red spider, thrips, mealy bug, brown and white scale, currant and cabbage worm, etc. Used as a spray or wash, diluted in water at proportions as directed on each can. A recognized standard insecticide endorsed by professional gardeners and commercial growers of reputation. Can be used indoors and in the garden on flowers, fruits and vegetables. An excellent cleanser for house plants.

Prices:

Gill	\$0.25	Pint	\$0.65
Half pint .....	.40	Quart	1.00
Gallon.....	\$2.50		

By special arrangement with the manufacturers, we can send the following sizes prepaid: Quart, \$1.25; pint, 75c; half pint, 50c.

FUNGINE

An infallible remedy for mildew, rust, wilt, bench rot and other blights effecting flowers, fruits and vegetables. It is equally effective under glass and out of doors. A sulphur composition which, diluted with water, contains no sediment and does not stain the foliage. One gallon makes fifty gallons spraying material.

Prices:

Half pints	\$0.30	Quart	\$0.75
Pint .....	.50	Gallon	2.00
Ten Gallon Keg.....	\$15.00		

By special arrangement with the manufacturers, we can send the following sizes prepaid: Quart, \$1.15; pint, 65c; half pint, 40c.

VERMINE

A soil sterilizer and germicide for all soil vermin, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. Used in the greenhouse, garden and field. One part Vermine to four hundred parts water, thoroughly soaking the ground, does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil.

Prices:

Gill	\$0.25	Quart	\$1.00
Half pint .....	.40	Gallon	3.00
Pint .....	.65	Five Gallon Keg	12.50

By special arrangement with the manufacturers, we can send the following sizes, prepaid: Quart, \$1.25; pint, 75c; half pint, 50c.

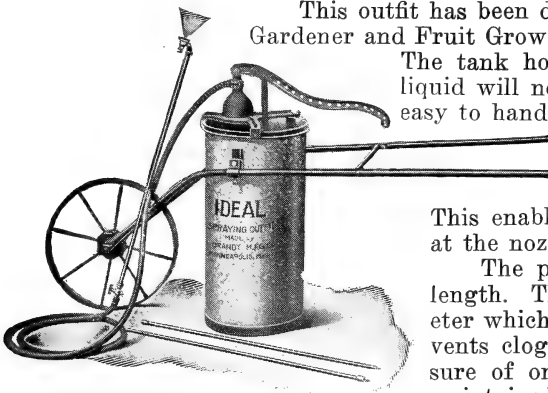
SCALINE

Scaline is composed of a high grade petroelum and sulphur in solution—three in one—a scalcide, insecticide and fungicide combined. Can be applied in the growing and dormant seasons. Used at a strength of one to twenty parts water for scale; one to fifty for other sap sucking insects. An effective winter spray for San Jose and other scale; a summer spray for field and orchard work against aphid, red spider, thrips and various fungi. Mixing readily with water, containing no sediment, it can be applied with the finest spray nozzle.

Prices:

Quart	\$0.75	10-gallon keg	\$10.00
Gallon	1.50	Barrel (50 gallons)	37.50

“IDEAL” SPRAYING OUTFIT



This outfit has been designed to fill the requirements of the small Gardener and Fruit Grower. It is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size.

This enables the operator to keep a uniform pressure at the nozzle.

The pump barrel is 1 3/4 in. in diameter, 7 in. in length. The valves are bronze balls 5/8 inches in diameter which allows free passage for the liquids and prevents clogging. Both valves are removable. A pressure of one hundred and fifty pounds can easily be maintained.

Price, \$18.00.

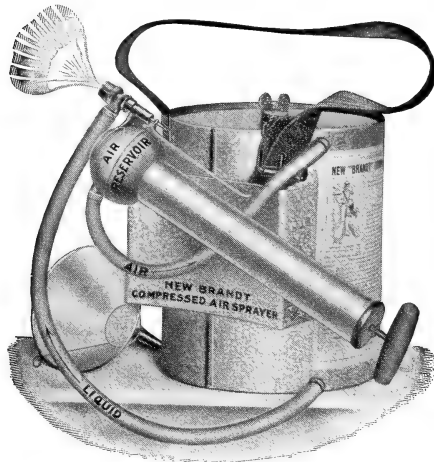
A mechanical agitator keeps the liquid well stirred.

The pump has the following equipment:

10 feet 3/8-in. Pressure Hose; 1 T Handle Shut-off Cock;

10 feet Pipe Extension, in three pieces.

1 Brandt “IDEAL” Nozzle.



The No. 3 “Brandt” Sprayer

One of the latest and best type of Sprayers for distributing Paris Green, London Purple, Bordeaux mixtures and all liquid applications. For whitewashing and disinfecting poultry houses and barns. For applying Stock Dip, Fly Killer, etc.

No. 3 is built of all brass and is very durable.

These Sprayers are different in construction from any others, being so made that by a combination of air and liquid in the nozzle we get a finely

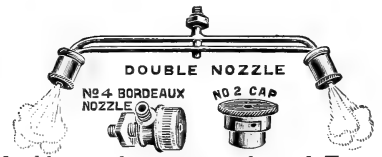
beaded spray or mist at a pressure less than one-fourth of that required by other methods. This makes the Sprayer easy to work and gives much better results. The pressure is kept uniform at all times by an occasional stroke of the pump, one to every five or six steps of the operator. Sprayers stand eleven inches high, are 9 inches in diameter, weigh six pounds empty. Capacity, three gallons.

The Brass Double Nozzle sprays two rows at one time, thus doing twice the work.

The Tree Nozzle works on the same principle as above, but has a 3 ft. brass extension for higher spraying.

The No. 4 Bordeaux Nozzle is for all heavy solutions, like Bordeaux mixture, whitewash, etc. It has larger openings, and is used on the larger Sprayer.

The No. 2 Cap is for the same purpose, and is used on the double nozzle, tree nozzle and Easy Sprayer.



PRICES.

No. 3 “Brandt” Sprayer, all Brass. 6.75
Double Nozzle (Brass) 1.50

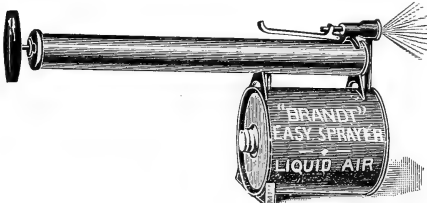
No. 4 Bordeaux Nozzle \$.75
Tree Nozzle (Brass) 1.50
No. 2 Cap35

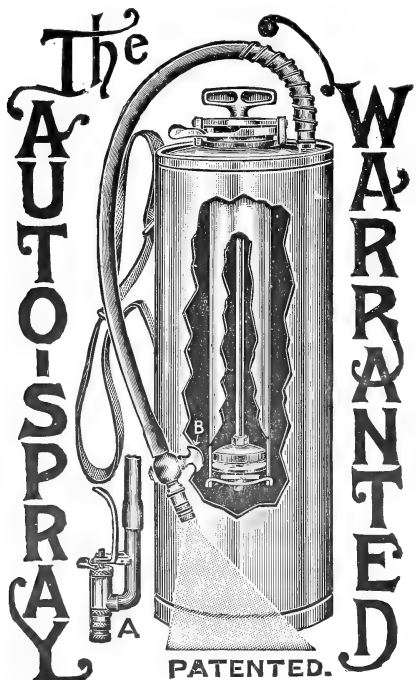
The “Easy” Compressed Air Sprayer

Has all the features of the No. 2 and No. 3 Brandt Sprayer. Has a large and strong pump, Automatic shut-off nozzle. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is built of galvanized steel or brass. Holds one gallon.

PRICES.

Galvanized\$2.25 Brass\$3.25





AUTO-SPRAY No. 1

The Auto-Spray No. 1 is the best compressed air sprayer made. Built strong, guaranteed against defect, and to be satisfactory. Will handle all solutions satisfactorily.

The pump is locked air tight to the tank by a simple sliding cam. There is no screw connection to wear out or become leaky. Every part is immediately accessible and easily replaced.

Each machine fitted with 2 feet of $\frac{1}{2}$ -inch hose, fine spray nozzle, solid stream cap and either stop cock or our popular automatic shut off, as ordered. The automatic shut off draws a self cleaning wire through the nozzle at each operation.

Auto-Spray No. 1-A, brass tank with stop cock	\$6.75
Auto-Spray No. 1-B, brass tank with auto-pop	7.25
Auto-Spray No. 1-C, galv. tank with stop cock	4.50
Auto-Spray No. 1-D, galv. tank with auto-pop	5.00
Brass extension, 2 feet .....	.45
Brass strainer .....	.90

The "Kant-Klog" Sprayer, Style G

The Sprayer body is made of heavy polished brass or galvanized steel, as desired.

The air pump is made of heavy brass two inches in diameter. Hose couplings are solid brass, standard cut threads, ends heavily ribbed to prevent hose slipping off. Hose is high grade, three-ply, supported by a coiled spring, bell-shaped at outer end to prevent breaking. A safety valve is provided to allow air to escape after the necessary pressure has been obtained.

The "Kant-Klog" Nozzle furnished with this machine without extra charge, makes two bell sprays of different size, volume and fineness; one flat spray and two sizes of straight streams. Sprayer holds between four and five gallons, and can be carried by carrier strap or air pump handle.

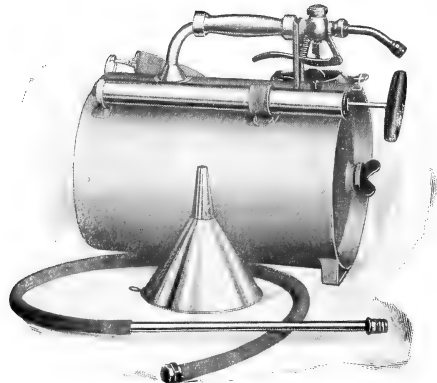
A few seconds' working of the air pump thoroughly agitates the solution and charges the sprayer with compressed air.

After sprayer is charged you need not stop for anything; just walk along from one row to another, the machine will supply sufficient spray to enable you to do the work as fast as you can walk.

Price, with galvanized Steel body	\$4.25
Price, with polished Brass body	5.75
Kant-Klog Nozzle separate	1.60



The Lowell Fountain Compressed Air Sprayer



No complicated parts to get out of order.
One charge 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 hard brass casting.
Tree Attachment and funnel with brass wire strainer for filling with each machine.

Will stand five times the air pressure necessary to operate.

Capacity of tank, 3 gallons.

Handy to carry as a grip.

Made of galvanized Steel and Brass.

Shoulder Strap adjustable to accommodate the operator, furnished with each machine.

PRICE	
Galvanized	\$5.00
Brass	6.00

The Standard Spray Pump

USED WITH BUCKET, TANK OR BARREL FOR SPRAYING ORCHARDS, GARDENS, VINEYARDS, WHITEWASHING, ETC.

MADE ENTIRELY OF BRASS, WITH TWO SOLID BRASS BALL VALVES. NO LEATHERS, WASHERS OR SUCKERS. NO CASTINGS TO RUST. NO LEAKING JOINTS. NOTHING TO GET OUT OF ORDER.

With the Standard Spray Pump the operator stands on the ground and covers the highest fruit tree with a fine spray with less effort and in less time than with any other pump on the market.

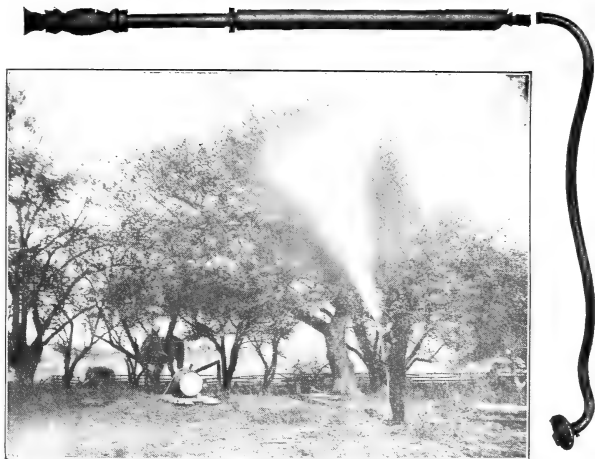
The operation is natural and simple, with no waste of energy or solution, as every drop the pump contains goes straight to the object upon which it is directed.

THE STANDARD PUMP IS PROVIDED WITH THREE NOZZLES.

No. 1, attached to No. 2, throws a fine spray 28 feet; No. 2 throws a solid stream 50 to 60 feet; No. 1, attached direct to pump, throws a coarser spray 35 feet.

The "Special" or Fine Spray Nozzle throws a fine mist spray.

This Nozzle is also used for white-washing and spraying disinfectants.



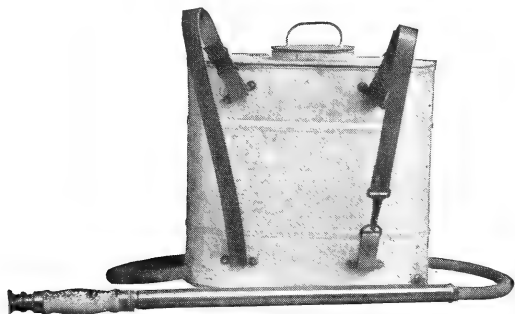
Showing the Standard Pump attached to barrel with 30 feet of hose, enabling the operator to walk around without moving the barrel, covering the entire tree **From the Ground** without the use of elevated platforms, etc. An ideal orchard sprayer at small cost.

Cut shows the Standard Spray Pump attached to a knapsack, connections are provided on each side of knapsack so that the pump can be used in either hand.

The knapsacks hold about five gallons, are made of heavy galvanized iron and are carried on the back by means of straps. As the operator stands in an upright position, the work is not tiresome and is done rapidly.

PRICES.

- With Bucket Hose and 3 Nozzles. \$3.75.
- With Knapsack \$6.25
- 19-in. Pipe Extension, extra75

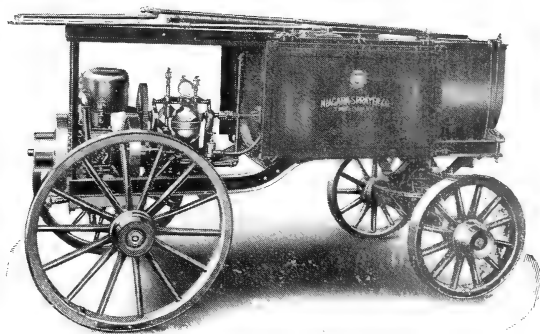


The Niagara Triplex Spraying Outfit

The best machine that money and skill can produce.

- Outfit No. 9, as shown in illustration. Triplex Pump, 3½ H. P. Engine, 200 gallon cypress tank with agitator, Recommended Outfit of Fittings, Engine Cover, folding steel Tower, wood wheels, steel platform Truck.....\$295.00
- If Tank Filler and 15 ft. 1¼ inch suction hose is wanted, add 10.00
- If Bosch High Tension Magneto is wanted, add 40.00

Write for special descriptive catalogue.



Triplex Outfit with Tower folded.

THE "AUTO-SPRAY" No. 24

ORCHARD SPRAYER.

This is our most popular barrel spray pump, and is recommended to those who require a sprayer of exceptional capacity and durability. A constant high pressure can be maintained with little or no exertion, and one man can operate this pump without fatigue.

The Auto-Spray No. 24 is an entirely new model and differs from all other machines of this type. The working parts and valves are made of brass throughout and fully exposed. The agitator and small drip-cock for cleaning out the pump cylinder are the only parts located in the barrel. Compare this feature with that of other pumps where the valves and pump cylinder are concealed in the barrel, liable to clog, and compel needless delay to give them attention.

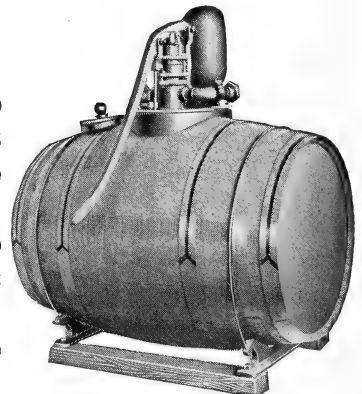
The plunger is made of brass two inches in diameter with slightly over a four-inch stroke. The pump is fitted with what is called outside packing (graphite) which can be adjusted or replaced by simply unscrewing two nuts. The pump cylinder, base and air chamber are cast in one solid piece, giving perfect alignment. The air chamber is large and insures a steady, constant pressure.

The cost of this machine is no indication of inferiority, and on account of its outside packing and exposed valves, would be cheap at almost any price as compared with pumps not so constructed.

We warrant the Auto-Spray No. 24 to operate as many as four nozzles if required, though we always recommend one of our large Non-Clog Atomic nozzles.

PRICES

Auto-Spray No. 24, pump only	\$13.00
Mounted on barrel, either top or side.....	2.75
Twenty foot, 3-ply, half-inch discharge hose, 15 cents per foot	3.00
Bamboo brass lined extension, stop-cock and dripshield, length, 9 feet	2.50
Non-Clog Atomic nozzle. Has a capacity of four Vermorels..	1.25
Four row potato attachment complete with nozzles, can be attached to rear of any farm cart	8.00



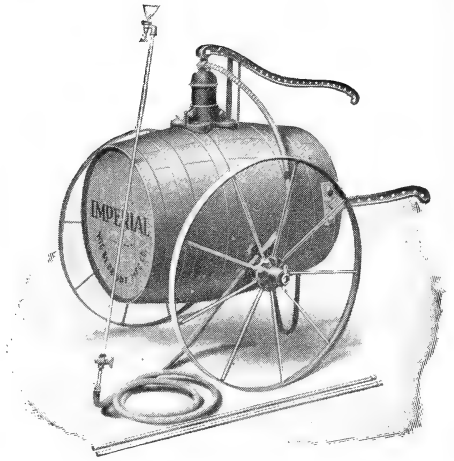
“IMPERIAL” SPRAY OUTFIT

This outfit is complete and ready for operation. Holds thirty-two gallons. Is mounted on two 30-inch wheels with 2-inch oval face, balanced with sufficient weight on the handles to hold it steady on rough surfaces. Is fitted with our No. 5 pump. The pump is held in place by two strong castings and may be adjusted up or down to suit the height of the operator. A mechanical agitator keeps the liquid well mixed. All valves and working parts are brass and the outfit has the following equipment:

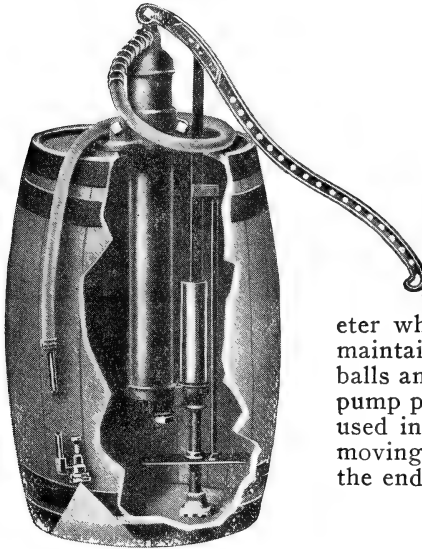
- 10 Feet 5-Ply Pressure Hose.
- 10 Feet Pipe Extension (in three pieces).
- 1 T Handle Shut-off Cock.
- 1 Single “Ideal” Nozzle.

Shipping Weight about 130 Pounds.

PRICE, \$20.00.



No. 5-A KING SPRAY PUMP



This cut shows our No. 5 Barrel Pump which is furnished without attachments for those who wish to fit their own Spray Outfit. These pumps are of large capacity and are very powerful. The pump cylinder is 2 inches in diameter by 7 inches in length with a 4½-inch stroke. The air chamber is 3 inches in diameter which gives great capacity and enables the operator to maintain a uniform pressure. The valves are ⅝ inch bronze balls and can be removed without taking the pump apart. The pump plunger is a special design—(no rubber or leather being used in its packing) and which can be tightened without removing it from the cylinder. Castings for attaching pump to the end of a barrel are furnished unless otherwise ordered.

PRICE, WITHOUT BARREL, \$11.00.

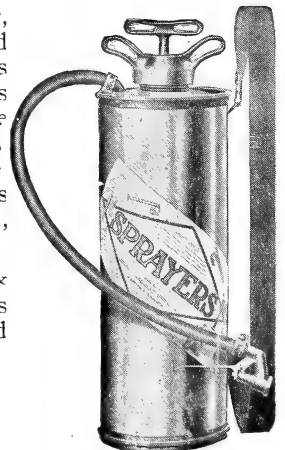
THE “PERFECTION” SPRAYER

This is a Sprayer of the high pressure type. It is larger, stronger and much more powerful than anything in its class, and is as near fool proof as it can be made. The barrel is 7½ inches in diameter, 20 inches high. The pump is 1¾ inches seamless brass tubing. The valves are METAL. The top is fastened after the style of the best makes of fire extinguishers. The hose is 5-ply cloth inserted. The nozzle is our well known Automatic type Capacity of Sprayer, 3¾ gallons. Weight, 9½ lbs. All Sprayers tested to 60 lbs. before leaving factory. Built of galvanized steel, or all brass, as ordered.

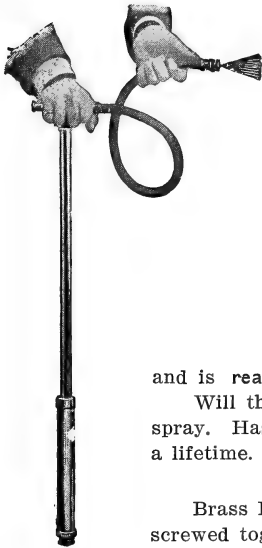
This Sprayer will handle whitewash, water, paints, Bordeaux mixtures, etc., perfectly. For whitewash and all heavy mixtures it is necessary to use a No. 2 Cap in nozzle, which is furnished with Sprayers.

PRICES.

Galvanized Steel	\$4.75
All Brass	\$6.50



Junior No. 5, Spray Pump



This Pump requires no fastenings of any kind, holds itself down and works anywhere and everywhere. All the operator needs do is to press the plunger down. It rises of itself, the upward stroke being made by a brass spring forcing the cylinder apart.

The all Brass suction working within a brass cylinder with all Brass Valves, does away entirely with all leather, rubber or other packing. It is practically impossible for any part to get out of order.

Everything except handle and hose is Solid Brass, Threaded and Screwed Together.

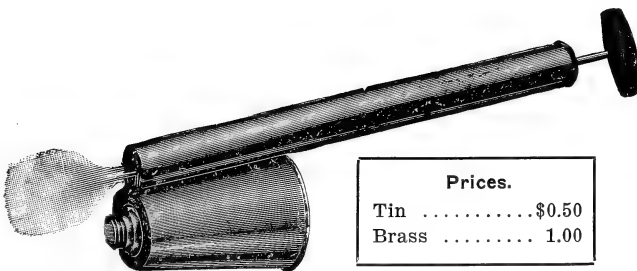
Will pump from a pail, barrel, tank, spring or creek. Without fastening of any kind it stands firmly wherever placed. Weighs only 4 pounds and is ready for instant use everywhere.

Will throw three sizes of solid, continuous streams and two sizes of fine, round spray. Has automatic mixer to keep solution stirred, pleases everybody and will last a lifetime.

PRICE, \$2.50.

Brass Pipe for elevating nozzle in tree Spraying, length three feet. Several can be screwed together if necessary. Price, 30c per 3-foot section.

LOWELL GRAND SPRAYER



Prices.	
Tin	\$0.50
Brass	1.00

It has an Air Chamber in the end of the pump tube that prevents any moisture being drawn back on the valves. The tube is twenty inches long, and the tapering form of the tank allows the use of two short, straight brass solution tubes, which helps to make the sprayer easy to operate.

No Corks to Lose Out—They have a screw cap where tank is filled. Only high-grade material used in construction.

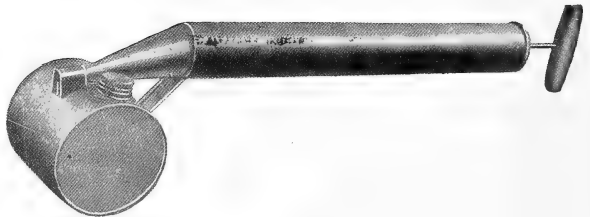
Strong, Durable and Satisfactory. Will spray up as well as down.

LOWELL SPECIAL SPRAYER

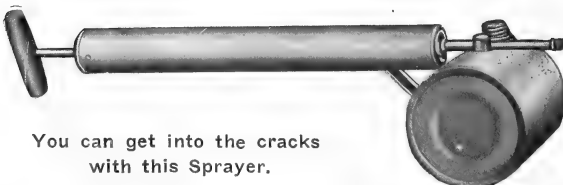
Lowell Special Sprayer is a Single Tube Tin Sprayer. The pump cylinder measures 14½ inches in length by 1¾ inches in diameter.

PRICES.

Tin	\$0.40
Brass .....	.75



LOWELL CONTINUOUS SPRAYER



You can get into the cracks with this Sprayer.

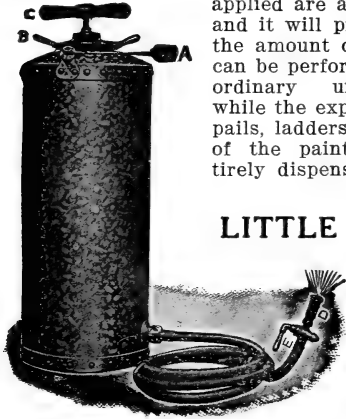
The Lowell Continuous Sprayer, as the name implies, is so constructed that it not only sprays on the downward stroke of the plunger but also when it is drawn back, thus causing a continuous mist-like spray. Capacity, One Quart.

PRICES.

Tin	\$0.60
Brass	1.25

WHITE WASHING MACHINES

A White Washing Machine is one of the best investments for a farmer or poultryman. The various classes of work to which the machine can be applied are almost unlimited, and it will prove astonishing the amount of work which can be performed in a day by ordinary unskilled labor, while the expense of brushes, pails, ladders and other tools of the painter's kit are entirely dispensed with.



LITTLE WONDER

Style H.

Our "Little Wonder" Machine is made of heavy Galvanized Iron with all joints well riveted and soldered, and a powerful self-contained all brass Air Pump is furnished. They will be found invaluable for small classes of work, as around Residences, Barns, Dairies, Poultry Yards, Green Houses, Gardens, etc., and will suggest themselves for a variety of uses other than that for which they are sold. They are provided with a bail handle and are very portable. Capacity of Tank, 3 gallons of Liquid.

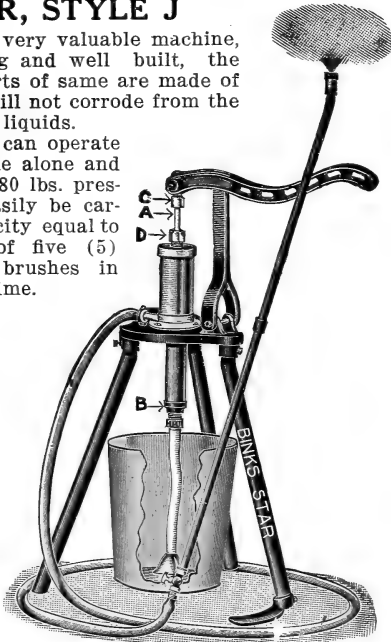
PRICE, \$9.00.

We furnish 10 feet of $\frac{3}{8}$ inch Discharge Hose, Spray Cock and Spray Nozzle with each machine.

STAR, STYLE J

This is a very valuable machine, being strong and well built, the working parts of same are made of brass and will not corrode from the use of any liquids.

One man can operate this machine alone and from 70 to 80 lbs. pressure can easily be carried. Capacity equal to the work of five (5) men with brushes in the same time.



Machine complete as shown by the above illustration (without pail for holding liquid, anything can be used for this purpose) with spray pipe, spray nozzle and cock, ten (10) feet of our Star Special $\frac{3}{8}$ in. Discharge Hose.

PRICE, \$10.00.



"Style "D"

In general use by some of the largest industries of the country. Recommended for those having a considerable amount of work to do.

Capacity equal to work of 10 men with brushes.

EQUIPMENT.

Spray pipe complete with $\frac{1}{4}$ -inch cock and spray nozzle, one extra spray tip, 200 pound pressure gauge, special galvanized sieve, follower wrench, one length of 1-inch suction hose, and 10 feet of $\frac{1}{2}$ -inch Star special discharge hose.

PRICE, \$20.00.

Net weight, 60 lbs.

Gross weight, 75 lbs.

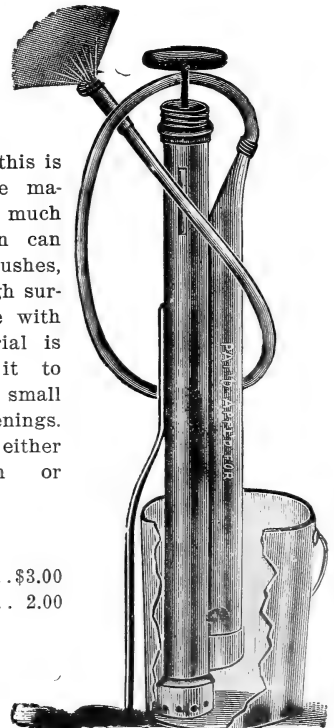
THE LIGHTNING WHITEWASH SPRAYER AND FORCE PUMP

No. 28

For small jobs this is a first-class little machine. It will do much better work than can be done with brushes, especially on rough surface as the force with which the material is applied causes it to penetrate the small crevices and openings. It is made of either galvanized iron or brass.

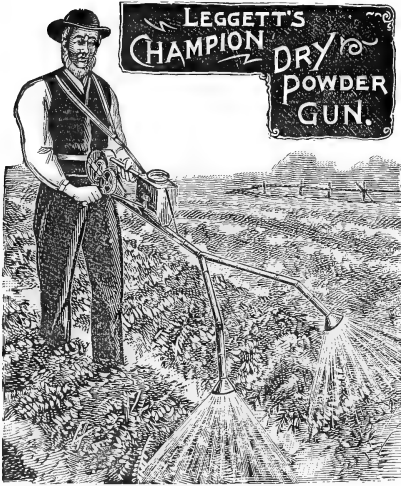
PRICES.

Brass\$3.00
Galvanized Iron... 2.00



CHAMPION DUSTER

For Distributing Dry Insecticides and Fungicides.



Distributes Paris Green, Hellebore, Sulphur, Dry Bordeaux Mixture, Etc., Etc.

Dispenses with bother and labor of using water.

This implement has proved itself Champion, being far ahead of any other machine in its capacity to distribute a uniform and almost imperceptible quantity of Paris Green or other powder, doing effective work without injuring the foliage when used properly. The dry method is rapidly superseding liquid sprays.

Will do as much work in a day as a horse-power sprayer.

Will green two rows of potatoes at once as fast as a man walks.

Adjustable to any width of row. Length of machine is such that the poison is kept at a safe distance from the operator.

Any one can use it. Will not get out of order and will last for years.

Weights about 6 lbs. Without tubes is 27 inches long. Each machine is packed in a case complete, comprising 4 tubes, 6 nozzles, 2 straps and oil can. Cased for shipping, weighs 13 lbs. The reservoir holds over a quart of powder.

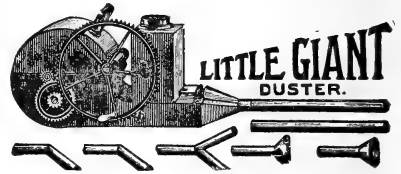
PRICE, \$8.00.

Little Giant Duster

Not so large as the Champion Duster but a very effective machine for truck gardens, vineyards and small trees. Distributes any dry powder, Paris Green, etc., to perfection.

Machine weighs 6 lbs.; furnished with three tubes, five nozzles and strap. Dusts two rows at a time. Reservoir holds nearly a quart of powder.

PRICE, \$6.00.



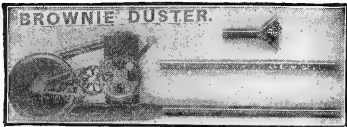
The Brownie Duster

For Garden Insects.

For in-door as well as out-door work. Powders used dry are more effective than otherwise, and should be distributed in a smoke-like dust so as to be hardly perceptible on the leaves.

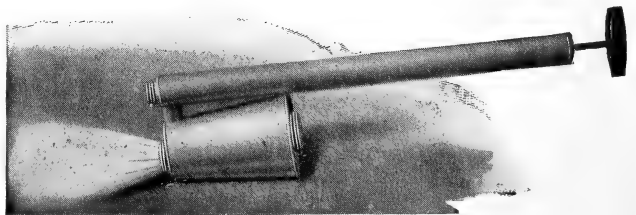
Two 16 in. tubes and one spread nozzle furnished with each Duster. Machine weighs complete 3½ pounds. Reservoir holds ½ lb. Paris Green, 2 oz. Powdered Hellebore, or 2 oz. Insect Powder.

Price, \$3.50.

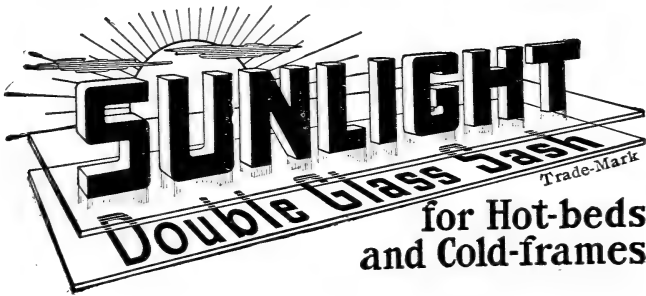


Lowell Powder Duster

It is unnecessary to give the details of the Mechanical construction of the Duster, as we give a positive guarantee with each duster, that it is impossible to draw powder back into the cylinder pump, and if the powder is sifted through a screen and kept absolutely dry it will be impossible for the same to clog. With these features covered the Duster is sure to give satisfaction. The powder can hold one quart.



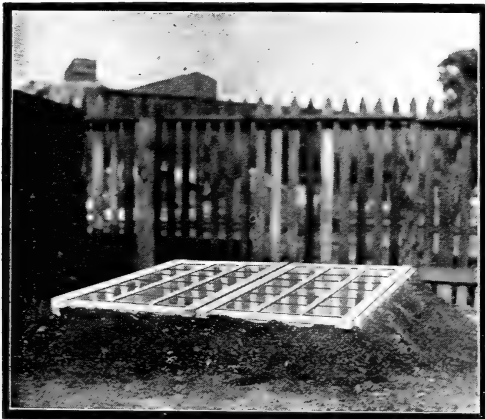
Price, 75 cents.



*Here is a Sash
You Do Not
Have to Cover*

The Two Layers of Glass Do All the Work.

They enclose an air space $\frac{5}{8}$ inch thick, thus forming a transparent blanket. This keeps out the cold air at night better than single glass and boards or mats and it saves all the labor and expense of covering and uncovering. At the same time it lets in all the light all the time. Every gardener knows how valuable this is.



THE SASH COMPLETE IN USE.

The glass slips in and is securely held by stops and springs that any one can easily adjust. No putty is used and any breakage can be repaired in a moment.

The double glass makes the earliest, strongest and best plants, and the Sunlight Sash, which will last a life-time, pay for themselves in extra market receipts every season they are used.

For the amateur as well as the professional gardener these sash are a great improvement.

The Sash are furnished with coppered Stops and brass Springs.

PRICES.

F. O. B. cars Pittsburgh.
3 x6 Size.

Unpainted without glass	\$2.45	each
Unpainted with Glass in Boxes	4.20	each
Painted with two coats White Paint without glass.....	2.80	each
Painted with two coats White Paint with Glass in Boxes.....	4.55	each

On orders for five Sash and upward, we make the following reductions from the above prices:

On orders for 5 Sash	5c	per Sash
On orders for 10 Sash	10c	per Sash
On orders for 20 Sash	15c	per Sash
On orders for 40 Sash and upward.....	25c	per Sash

On orders for five Sash and upward shipped direct from factory freight will be prepaid to customer's railroad station. Prices on Bed Frames quoted on request.

PAPER DIRT BANDS

Paper Dirt Bands are bottomless paper pots for starting melons, cucumbers, lima beans and all early vegetables under glass, thereby getting them ripe from one to three weeks earlier.

Tomatoes, egg plants and pepper plants, if transplanted into dirt bands when two weeks old, may be set out in the open ground at planting time without waiting for a rain, and they will not lose a leaf.

Progressive gardeners everywhere are making big money by using dirt bands. Why not you?

DIRT BANDS AFTER SIX WEEKS IN THE OPEN GROUND



The Pole Lima on the left has the Dirt Band removed to show root growth.

PRICES PREPAID BY PARCEL POST.

In Effect January 1, 1913.

	East of Miss.	East of Rocky Mts.	Pacific Coast.
Either 100 3 inch or 75 4 inch	\$0.40	\$0.45	\$0.50
Either 500 3 inch or 350 4 inch	\$1.00	\$1.10	\$1.25
Either 1000 3 inch or 700 4 inch	\$1.75	\$2.00	\$2.25

PRICES BY FREIGHT OR EXPRESS.

1,000—3 inch for.....	\$ 1.15	4 inch for.....	\$ 1.65
5,000—3 inch for.....	5.00	4 inch for.....	7.00
10,000—3 inch for.....	9.50	4 inch for.....	13.50
20,000—3 inch for.....	18.00	4 inch for.....	26.00
50,000—3 inch for.....	42.50	4 inch for.....	62.50

Shipping Weights

3 inch—9 lbs to the 1,000 4 inch, 16 lbs. to the 1,000

Mastica is elastic and tenacious. In a few hours after use, a skin or film is formed, preventing the evaporation of the oils and leaving it pliable for years.

On account of this quality it admits of the expansion and contraction which is continual in the wood-work of a greenhouse, from moisture and heat.

One gallon will cover about 290 running feet (one side).

PRICES

1 Quart Can	\$0.40
½ Gallon Can .....	.75
1 Gallon Can	1.35
Mastica Glazing Machine for applying,	\$1.25.



Searight Pruning Tools

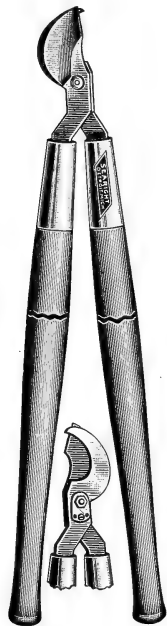
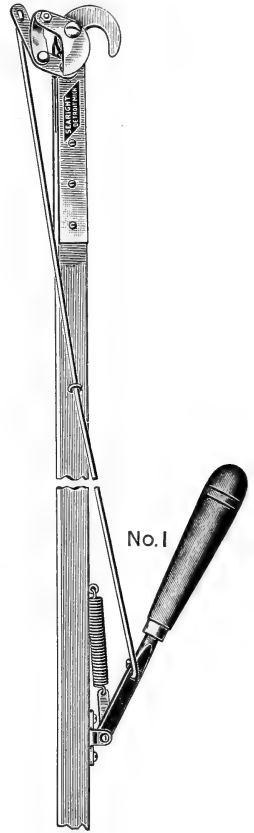
No. 1. EXTENSION TREE TRIMMER

Has a compound lever head and is made with a hook and side lever. It is calculated for heavy work and will cut a limb up to 1¼ inches in diameter. Instead of running the rod connecting the knife lever along one side the pole to a handle lever, we have placed the handle lever on the opposite side, which allows the rod to cross the pole. As a result one-half the strain is thrown on one side of the pole and one-half on the other, which gives about double strength, and instead of the pole warping and bending, it has a tendency to remain straight and stiff.

The strength, durability and easy cutting qualities of these trimmers will appeal to both the merchant who handles them, and the man who may have the pleasure to use them. Each trimmer is fully warranted.

Prices.

With 8 ft. Pole.....	\$1.80
With 10 ft. Pole.....	1.90
With 12 ft. Pole.....	2.00



No. 777.

No. 777. TWO HAND PRUNER

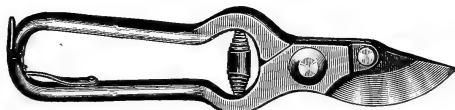
This is a tool of class, with more desirable features and easier cutting qualities than have ever before been combined in a single tool.

Price, \$1.10.

No. 707 two hand pruner is the same pattern as No. 777 with shorter handles, but without the finish.

Price, \$0.75.

No. 808. HAND PRUNER—9-inch.



No. 808.

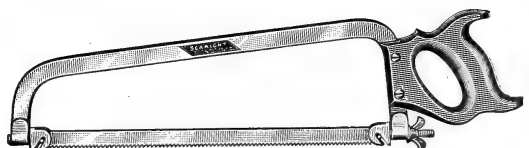
This pruner will be found second to none in easy cutting qualities, material and workmanship.

Price, \$0.75.

No. 18. HAND PRUNING SAW

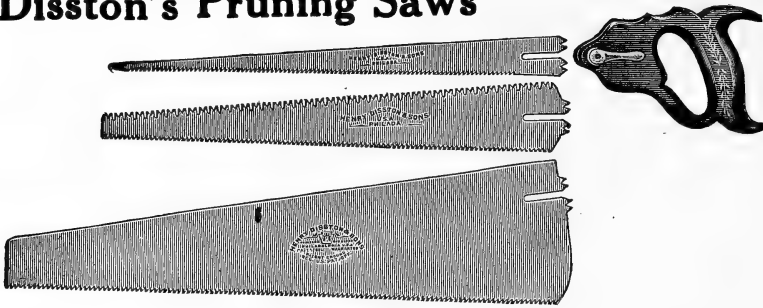
In order to make our line of pruners complete, we have added a bracket hand pruning saw, with a blade so arranged as to be turned instantly to any angle.

Price, \$1.00.



No. 18.

Disston's Pruning Saws



DISSTON'S HANDY KIT No. 107

This kit consists of one 20-inch cross-cut blade, one 14-inch compass blade, one 16-inch pruning blade, and handle, all contained in a neat canvas case.

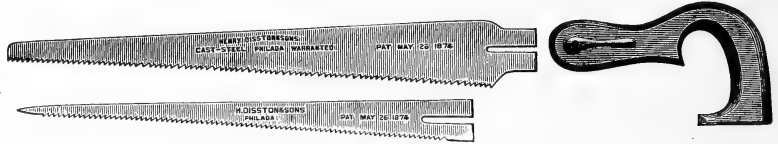
Price, \$2.25

This Nest of Saws consists of one 16-inch pruning blade, one 14-inch compass blade, and handle.

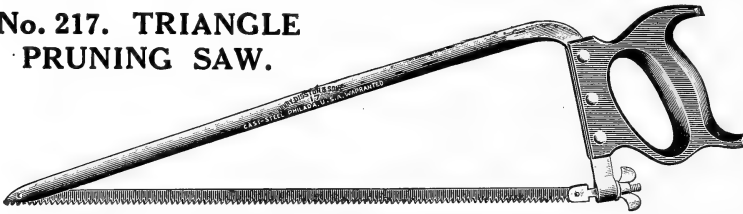
Price, \$0.75

One additional 12-inch keyhole blade will be included in this kit for 20c additional.

DISSTON'S No. 2 NEST OF SAWS



No. 217. TRIANGLE PRUNING SAW.



Oval steel back, straight tapered point, Beech handle, varnished edges, three brass screws. Handle has extra large grip for use with gloved hand. Blued steel blade. Length of blade 20 inches center to center of holes.

Price, \$1.00.

No. 40. DUPLEX PRUNING SAW.

An extremely handy tool for pruning. The well tempered blade combines two cutting edges—a fine tooth edge for dry pruning and a coarser edge for green pruning. The blade is secured to the Beech handle by three brass screws.

Prices—16-inch, \$.75; 20-inch, \$.85.



"THE ORCHARD" PRUNING HOOK AND SAW.

The Knife and Saw are made of the best Crucible Steel, and can be used with or without a pole. Although possessing great strength, it is of light construction, with crescent-shaped blade having long, slender teeth, so formed as to draw the saw into the wood. It is particularly adapted for sawing the smaller branches in general pruning.

The Saw Blade, which is attached to the Hook by two clamp-screws, can be readily removed when the Hook only is required.

Malleable iron handle, Japanned, with socket. Length of Blade, 10 inches. Hook will take in Branch one-half inch diameter.

Hook and Saw (without pole)\$1.25



TILLEY'S FRUIT PICKING LADDERS

OMEGA TRIPOD STEP LADDER

5, 6, 7, 8, 10, 12, 13 Steps.



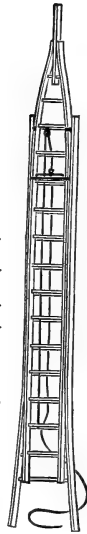
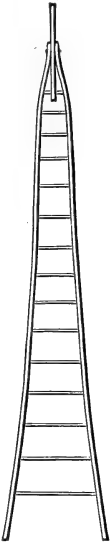
PER STEP, 25c.

POINTED TOP, BALE LOCK EXTENSION

This is the most convenient orchard ladder ever produced for trimming trees and picking fruit. Entirely new and works perfect.

Made very light and strong.

The best that can be produced.



POINTED TOP SINGLE.

10 to 16 ft. 15c per ft. 21 to 24 ft. 17c per ft.
17 to 20 ft. 16c per ft. 25 to 26 ft. 20c per ft.

Point included in above measurement.

POINTED TOP BALE LOCK EXTENSION.

21 ft. 10-11 sections extended to 18 ft.
23 ft. 10-13 sections extended to 20 ft.
25 ft. 12-13 sections extended to 22 ft.
27 ft. 13-14 sections extended to 24 ft.
29 ft. 14-15 sections extended to 26 ft.
31 ft. 15-16 sections extended to 28 ft.
33 ft. 16-17 sections extended to 30 ft.

Full length both sections measured including point, 20 cents per ft.

THE FLAT-STEP EXTENSION

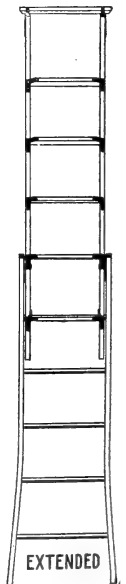
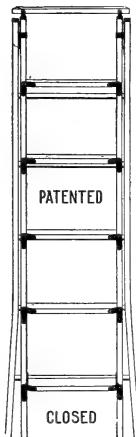
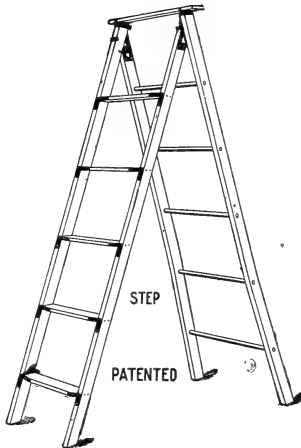
The only Flat-Step Extension Ladder that can be extended a step at a time to twice its length and possessing a step-ladder combination.

The most practical and convenient short extension ladder made, allowing the user to stand on a flat step while at work. As a step-ladder both sides can be used with convenience and safety. Comes apart, giving two straight ladders, or can be telescoped to one-half its length.

Lengths 14, 16, 18, 20 feet.

PRICE PER RUNNING FOOT, 20c.

THE FLAT-STEP EXTENSION AS A STEP-LADDER



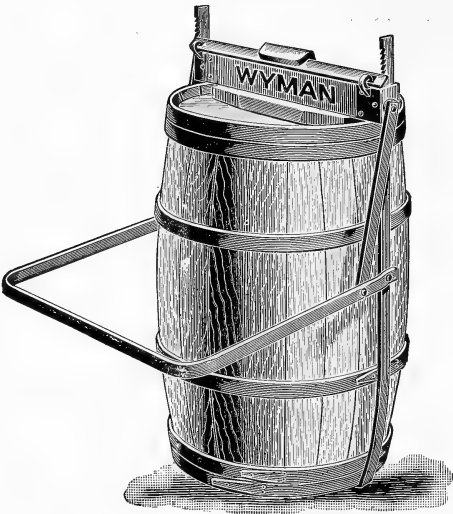
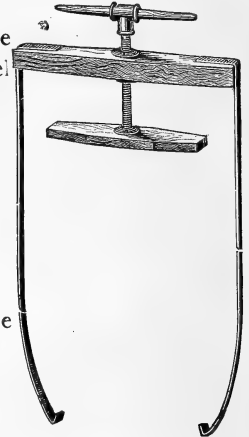
IMPROVED STEEL BARREL HEADERS OR FRUIT PRESSES

No. 8 WYMAN LEVER PRESS

A simple, patented device has enabled us to combine the best features of both screw and lever barrel headers in the No. 8 WYMAN. Hitherto the principal objection to a lever barrel header was the absence of a retaining feature to hold the pressure rigidly at any given point without the aid of the operator. This is entirely overcome by the simple, automatic locking device which can be used or not at the pleasure of the operator.

This combination makes the No. 8 WYMAN the best barrel header on the market.

Price, \$1.75.

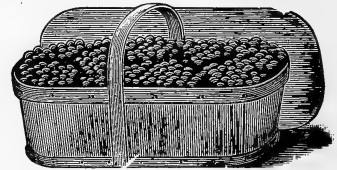
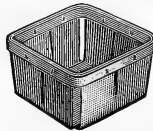


No. 5 SCREW PRESS WITH REINFORCED FRAME

The extra reinforcements (not shown in illustration), make the No. 5 very strong and rigid and greatly increase its durability.

Price, \$1.75.

FRUIT PACKAGES



We make a specialty of Fruit Packages, all kinds and sizes to suit the gardening and fruit growing trade in Western Pennsylvania, among which are the following:

Berry Baskets Diamond Market Baskets Grape Baskets
Stave Baskets Hand-Made Baskets

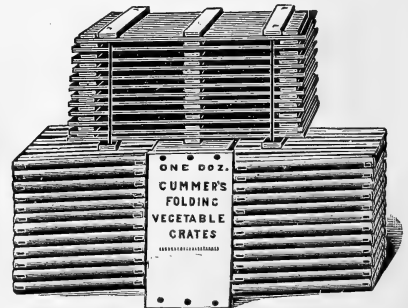
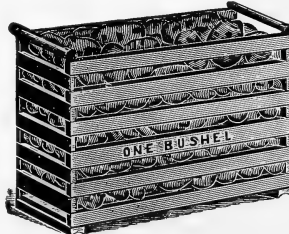
When you are in the market for Baskets, please ask us for prices.

CUMMER FOLDING FRUIT AND VEGETABLE CRATE

Made of Heavy Slats for Constant use as a Field or Storage Crate.

They are **Light, Strong and Durable, Simple and Easily Folded. No Nails, Screws, or Tools Required.**

Size of crate (out side) 11 $\frac{7}{8}$ in. wide, 20 $\frac{1}{2}$ long, 13 $\frac{1}{2}$ in. high. Size of slats $\frac{5}{8}$ x15-16 with corners rounded. Holds one bushel.

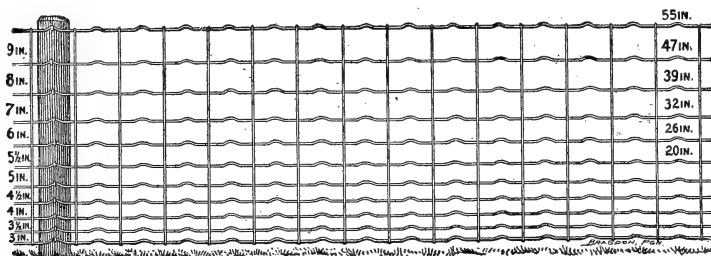


PRICES.

1 Crate	\$.30	50 Crates	\$11.50
1 dozen Crates	3.00	100 Crates	22.00

We will deliver these crates at your railroad station in lots of 50 or 100 at the above prices.

“Pittsburgh Perfect” Farm Fence



1. Stays are Electrically Welded to the strands, forming a perfect union and an amalgamation with the strands not found in any other fence.
2. All stay wires are made as heavy as intermediate line wires. A fence, like a chain, is only as strong as the lightest material in it. Think this over carefully.
3. No wraps to get loose, to hold moisture and cause rust.
4. No projections to injure stock or tear wool from sheep.
5. Stronger at the joints than any other fence. Welded together by electricity.
6. Guaranteed that the wire is not injured at the joints.
7. Guaranteed adjustable to uneven ground.
8. Guaranteed that stays will not separate from strands.
9. Guaranteed all right in every particular.
10. Made by the most modern process and on the latest improved machinery.

Our stays are amalgamated with the strands by means of electricity and the strength of the fence increased a hundredfold over the strength of a fence where the stays are wrapped or clamped on the strands.

“PITTSBURGH PERFECT” REGULAR FARM FENCE

- Top and bottom wires No. 9, All other wires, including stays, No. 11.
- No. 267—26 in. high, 7 strands with 6 in. stays, per 10 rod roll\$2.60
 - No. 399—39 in. high, 9 strands with 12 in. stays, per 10 rod roll 2.70
 - No. 458—45 in. high, 8 strands with 12 in. stays, per 10 rod roll 2.55
 - No. 499—49 in. high, 9 strands with 12 in. stays, per 10 rod roll 2.85

“PITTSBURGH PERFECT” “JUMBO” FENCE

“Pittsburgh Perfect” “Jumbo” Fencing is the heaviest practical wire fence fabric manufactured. It is an all No. 9 wire fence, welded by electricity, which produces a complete amalgamation of the wires at the joint.

- All wires including stays No. 9.
- No. 453—45 in. high, 8 strands with 12 in. stays, per 10 rod roll\$3.85
 - No. 4710—47 in. high, 10 strands with 12 in. stays, per 10 rod roll 4.50
 - No. 499—49 in. high, 9 strands with 12 in. stays, per 10 rod roll 4.30
 - No. 477—47 in. high, 7 strands with 24 in. stays, per 10 rod roll 3.00
 - No. 498—49 in. high, 8 strands with 24 in. stays, per 10 rod roll 3.35

“PITTSBURGH PERFECT” RAZORBACK HOG FENCE

The “Pittsburgh Perfect” Razorback Hog Fence fills a peculiar position in the fence field. There has been a demand for a very close mesh hog fencing made of wire sufficiently large to withstand hard usage.

- Spacing between strands from bottom to top, in inches: 2, 2½, 2½, 3, 4, 5, 6, 6, 6, 6.
- Top and bottom wires No. 10, all other wires including stays, No. 12.
- No. 3610—36 in. high, 10 strands with 12 in. stays, per 10 rod roll\$2.50
 - No. 4211—42 in. high, 11 strands with 12 in. stays, per 10 rod roll 2.80

STAPLES.

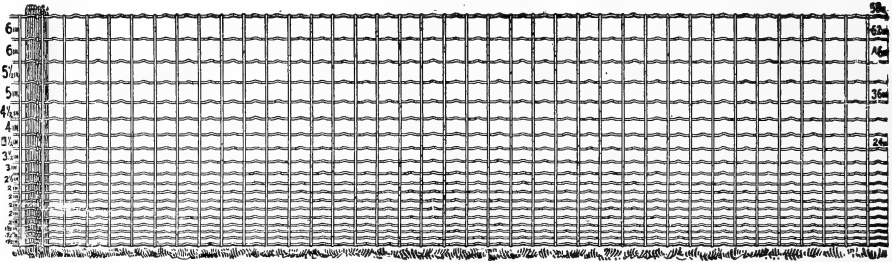
- 1 or 1¼ in. Galvanized, per lb. \$0.05
- 1 or 1¼ in. Galvanized, per 100 lb. keg..... 2.50

Complete Catalogue showing other styles and sizes of “Pittsburgh Perfect” Fences sent on request.

Improved "Pittsburgh Perfect"

POULTRY AND GARDEN FENCE

The stays are **ELECTRICALLY WELDED** to strands, forming a perfect union and an amalgamation with the strands not found in any other fence.
No wraps to get loose, or hold moisture and cause rust.



Spacings Between Strands from Bottom to Top in Inches:

1½, 1½, 1½, 2, 2, 2, 2, 2½, 3, 3½, 3½, 4, 4½, 5, 5½, 6, 6.

The Improved "Pittsburgh Perfect" Poultry and Garden Fence fills every requirement of a Poultry Fence, and is amply strong and close enough to keep out or fence in the smallest Chicks, Horses, Hogs, Cattle or Dogs.

Made in Five Heights—24 inches, 36 inches, 46 inches, 52 inches and 58 inches. Has Stay or Upright Wires 6 inches apart. Is put up in 10 Rod Rolls.

Regular Style—Top and Bottom Wire No. 10, all the other wires No. 13.

Special Style—Top and Bottom Wire No. 11, all the other wires No. 14.

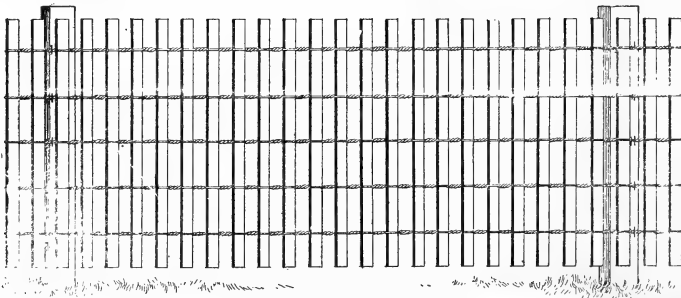
PRICES—PER 10 ROD ROLL.

	Regular Style.	Special Style.
No. 2412—24 inches high—12 Strands.....	\$3.15	\$2.15
No. 3615—36 inches high—15 Strands.....	3.45	2.70
No. 4617—46 inches high—17 Strands.....	4.10	3.05
No. 5218—52 inches high—18 Strands.....	4.35	3.30
No. 5819—58 inches high—19 Strands.....	4.60	3.55

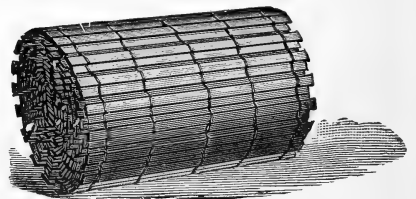
Staples for above, 8c per lb.

THERE IS NO OTHER FENCE ON THE MARKET that is put together like it is. The stay and strand wires are welded together by electricity; they cannot be melted, burned or rusted apart—the joint is stronger than the wire itself.

COMBINATION PICKET FENCE



This popular fence for Gardens, Yards, Vacant Lots, etc., is made of good oak pickets 1½ inches wide, ¾ inch thick and 4 feet long, woven together with five cables of No. 12 galvanized wire. No rail is required. We make this fence to order in the following sizes:



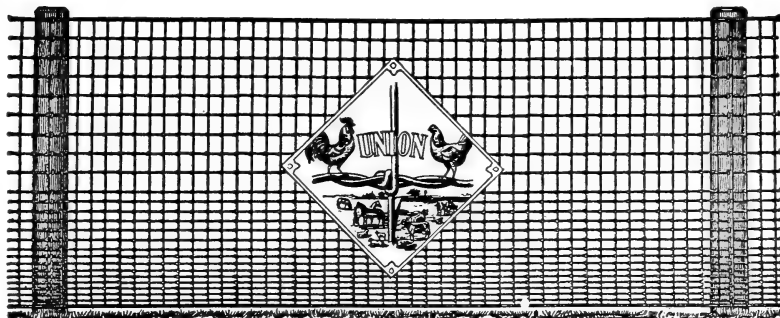
2½ inch space between pickets, less than 100 feet	\$.05	per ft.
2½ inch space between pickets, 100 feet and upwards .....	.04½	per ft.
2¼ inch space between pickets, less than 100 feet .....	.05½	per ft.
2¼ inch space between pickets, 100 feet and upwards .....	.05	per ft.

Put up for shipment in reels, not exceeding 100 feet. Orders filled for any required number of feet at the above prices.

UNION LOCK POULTRY FENCE

For Poultry, Rabbits, Orchards, Gardens, Etc.

Pickets 3 inches apart. Cables 1/4 inches apart at bottom.



All main Strands are two Wires twisted together.

No. 19-20

Union Lock Poultry Fence has become so well known we hardly think detailed description of it is necessary here.

The horizontal lines of this fence are all composed of 2 No. 20 wires twisted together. Beginning at the bottom, the first seven cables are 1 1/4 inches apart, the next 6 cables are 2 inches apart and all above that are 4 inches apart. This gives a mesh of 1 1/4 x 3 inches at the bottom, where it is needed for small chicks, and above two feet, where fowls can only reach when on the wing, the mesh is 3x4 inches. The pickets are No. 19 galvanized steel wires and are 3 inches apart. On account of the pickets being at right angles with the cables, this fence will fit any unevenness of the ground without cutting.

No. 17 EXTRA HEAVY

We also make this fence of No. 17 wire throughout, with the same spacing between cables, but the pickets are 4 inches apart. This fence is heavy enough to turn all stock, and makes an ideal fence for gardens, orchards, etc.

PRICES.

PER ROLL	No. 19-20.	No. 17 Extra Heavy.
165 feet long, 2 feet high	\$2.70	\$4.00
165 feet long, 3 feet high	3.30	5.00
165 feet long, 4 feet high	4.00	6.00
165 feet long, 5 feet high	4.60	7.50
165 feet long, 6 feet high	5.15	8.50
165 feet long, 7 feet high	5.90	9.00

Staples for fastening above, 8c per lb.

In comparing above prices with ordinary poultry netting remember that these rolls are 15 feet longer.

Ask for special prices on orders of 10 rolls and upwards.

DIAMOND MESH POULTRY NETTING

The stock we offer is the "Silver Finish" Brand, galvanized after weaving, guaranteed to be perfect in every respect. Each roll contains 150 lineal feet.

PRICES.

2-INCH MESH, NO. 20 WIRE.
Per roll of 150 lineal feet.

1 foot wide	\$0.80
1 1/2 feet wide	1.25
2 feet wide	1.60
2 1/2 feet wide	2.00
3 feet wide	2.40
4 feet wide	3.20
5 feet wide	4.00
6 feet wide	4.50

1-INCH MESH, NO. 20 WIRE.
Per roll of 150 lineal feet.

1 foot wide	\$1.85
1 1/2 feet wide	2.75
2 feet wide	3.70
2 1/2 feet wide	4.65
3 feet wide	5.50
4 feet wide	7.25

Staples, 8c per lb.

"PITTSBURGH PERFECT" FENCE TOOL

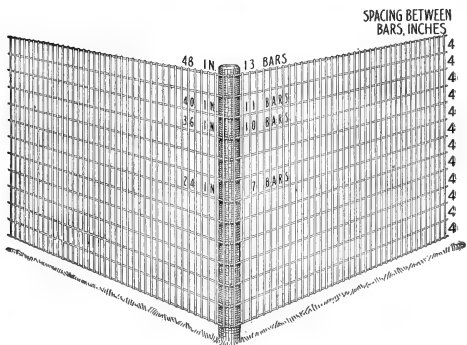
The "Pittsburgh Perfect" Fence Tool here illustrated is without doubt the most useful fence tool on the market.

It combines hammer, wire cutter, staple and nail puller and splicing tongs.

Price, \$1.00.



“PITTSBURGH PERFECT” LAWN FENCE



Thousands of miles of “Pittsburgh Perfect” Lawn Fence grace the homes of the wealthy city dwellers, as well as the homes of those living in the smaller towns, villages, and on farms. It casts no shadows, and consequently flowers can be successfully grown at its base, or a lawn cultivated close along the fence line. It does not to the slightest degree obstruct the view, but allows a free vision from within or without.

The fine mesh of “Pittsburgh Perfect” Lawn Fence positively prevents fowls and small animals squeezing through, and the heavy Open Heart wires, electrically welded at the joints, are strong enough to prevent large animals from breaking through. The fence is absolutely non-climbable.

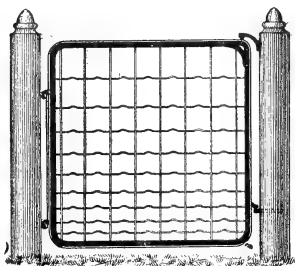
“REGULAR” LAWN FENCE—ALL No. 11 WIRE.

“JUMBO” LAWN FENCE—ALL No. 9 WIRE.

Every space between the line wires from top to bottom is four inches, and there are 100 upright wires, slightly less than two inches apart in every rod. Put up in 10 rod rolls. Made in two weights.

Design Number	Height Inches	Lateral wires in fence	Distance bet stays Inches	“REGULAR” Price per 10 rod roll	“JUMBO” Price per 10 rod roll
4813	48	13	2	\$10.00	\$17.50
3610	36	10	2	7.75	13.50
247	24	7	2	5.50	9.50

“PITTSBURGH PERFECT” WALK GATES



“T” STEEL FRAMES

Strong, durable and effective. Shipped complete with latches and hinges for wooden posts. All gates covered with six-inch stay “Pittsburgh Perfect” fencing. No other heights or widths than enumerated in this catalogue made by us, nor do we make gates with ornamental tops.

For walk gates covered with lawn fencing add 75 cents to net price. We cannot cover with lawn fence gates over 50 inches high.

Set posts four inches farther apart than width of gate.

Unless otherwise ordered all gates will be covered with regular farm fence, stays 6 inches apart.

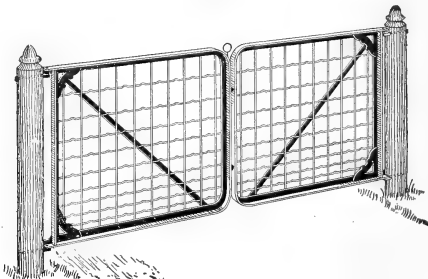
LIST PRICES

Size ft. in.	Approx. Weight.	List Prices	Size ft. in.	Approx. Weight.	List Prices
3x34	18	\$2.55	4x50	25	\$3.10
3x42	20	2.65	4x58	27	3.25
3x50	22	2.75	5x34	47	4.60
3x58	24	2.90	5x42	50	4.80
4x34	21	2.85	5x50	54	5.05
4x42	23	3.00	5x58	60	5.35

F. O. B. MILLS

DISCOUNT 20%

DOUBLE DRIVE GATES



“Pittsburgh Perfect” gates are of simple construction, are strong and durable and give lasting and satisfactory service. They are easily erected and are maintained without constant expense incident to other makes of gates. Set posts 6 inches farther apart than width of gate.

For gates covered with lawn fencing add \$1.25 to net price.

Unless otherwise ordered all gates will be covered with regular farm fence, stays 6 inches apart. We cannot cover with lawn fence, gates over 50 inches high.

LIST PRICES, DOUBLE DRIVE GATES

Size ft. in.	Approx. Weight.	List Prices	Size ft. in.	Approx. Weight.	List Prices
10x34	94	\$8.50	12x34	108	\$9.10
10x42	100	9.00	12x42	114	9.55
10x50	109	9.55	12x50	124	10.10
10x58	120	10.20	12x58	131	10.65

LIST PRICES, SINGLE DRIVE GATES

Size ft. in.	Approx. Weight.	List Prices	Size ft. in.	Approx. Weight.	List Prices
10x34	79	\$6.30	12x50	102	\$7.50
10x42	85	6.65	12x58	108	7.85
10x50	91	7.05	14x34	98	7.10
10x58	97	7.40	14x42	106	7.45
12x34	92	6.90	14x50	115	7.95
12x42	96	7.20	14x58	122	8.30

F. O. B. MILLS

DISCOUNT 20%

Star Barb Wire



TWO-POINT THICK-SET (BARBS 3 INCHES APART)

Star Barb wire is made of No. 14 galvanized, strong steel wire, and has a **breaking strength of 1,000 pounds**. The barbs are short and humane, but placed close enough together to be entirely effective in turning the wildest and heaviest live stock, and furthermore assuring the greatest protection against trespassers.

PUT UP IN 80-ROD REELS

The farmer, by buying this material, can know that he is going to get a certain length of fencing without having to guess at it, as in the case with the old-style wire.

Owing to the fact that STAR barb wire does not weigh as much per mile as the common wire, a strong, effective fence can be built at a very small cost.

Price per 80-rod Reel	\$1.75
1 or 1¼ in. Galvanized staples, per lb.....	.05
1 or 1¼ in. Galvanized staples, per 100 lb. Keg	2.75

Special prices will be quoted on 10-reel lots and upward.

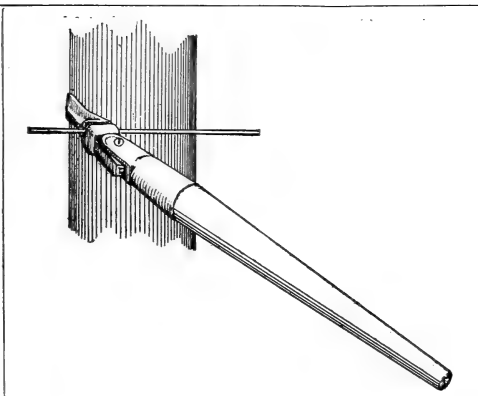
Regular Galvanized Barb Wire

We can furnish this either in two or four point cattle, or two or four point hog, in regular weight reels and will quote prices either by weight or in eighty rod reels as desired.

Plain Wire

Prices on Plain Galvanized, Coiled Spring, and Double Twist or Cable Wire will be quoted on request.

“Pittsburgh Perfect” Smooth Grip Single Wire Stretcher



Has perfectly smooth curved jaws;
Has no teeth to cut nor injure the wire;
Has a positive grip—cannot slip;
Has double jaws opening and shutting automatically;

Wire can be put in on either side, one side for large wire the other for small, and with this stretcher you can go right around the post with the wire.

Made of malleable iron with hickory handle.
**ABSOLUTELY THE BEST SINGLE WIRE
STRETCHER IN THE WORLD.**

It is just what you want for stretching barbed and plain wire.

Price, complete with wood handle, \$1.00.

Harvesting Machinery

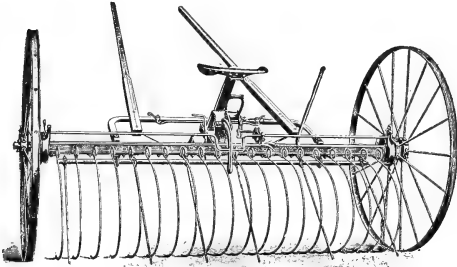
We have space to describe but a few of our harvesting tools. If you are in the market for a Binder, Mower, Rake, Tedder or any other harvesting machinery, write us for special catalogue and prices. Our line is complete and our machines are guaranteed.

ADRIANCE BINDERS AND MOWERS

We have sold the Adriance Binders and Mowers for the past 21 years and do not hesitate to recommend them as equal to, and in many respects superior to all other makes.

Write us for special catalogue and prices specifying the kind of machine wanted.

HOCKING VALLEY STEEL CHAMPION RAKE



The Hocking Valley Steel Champion Rake, has been designed, constructed and finished with a view of making it the best sulky rake offered to the trade.

It is a Self-dump rake, in which the labor of discharging, as well as gathering the load, is done by the horse.

The shafts can be changed into a pole for two horses easily and quickly.

There are no springs of any kind on it to become weak and get out of order. It produces no jar in dumping.

The vibrating cleaner rods lie on top the windrow, and by their weight keep it compact, and enable the rake to gather the hay by pushing it along, not rolling it. Thus, when the dump is made, the hay is turned bottom side up and the damp part exposed to the wind and sun.

PRICES.

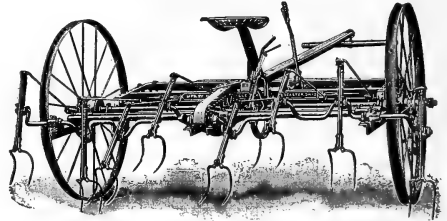
- | | | | |
|----------------------------|---------|---------------------------|---------|
| 8 ft. with 20 teeth | \$20.00 | 9 ft. with 24 teeth | \$20.75 |
| 10 ft. with 26 teeth | \$21.50 | | |

HOCKING VALLEY STEEL TEDDER

The Wheels are very heavy and have abundant strength to stand in any territory.

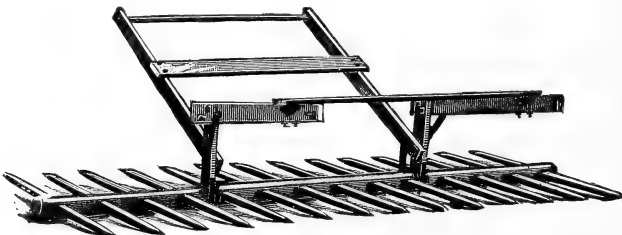
The Draft Frame and the tedder frame are connected by two steel springs one on each side, which act as a sort of cushion to the tedder frame, counteracting the jar and motion caused by the rapid action of the forks. The machine is thrown in and out of gear, even while at work, by means of an upright lever within easy reach of the driver.

The six-fork tedder is furnished with combination pole and shafts, and the eight-fork tedder with pole, doubletree, single-trees and neckyoke.



PRICES.

- | | | | |
|---------------------|---------|---------------------|---------|
| 6 Fork Tedder | \$30.00 | 8 Fork Tedder | \$34.00 |
|---------------------|---------|---------------------|---------|



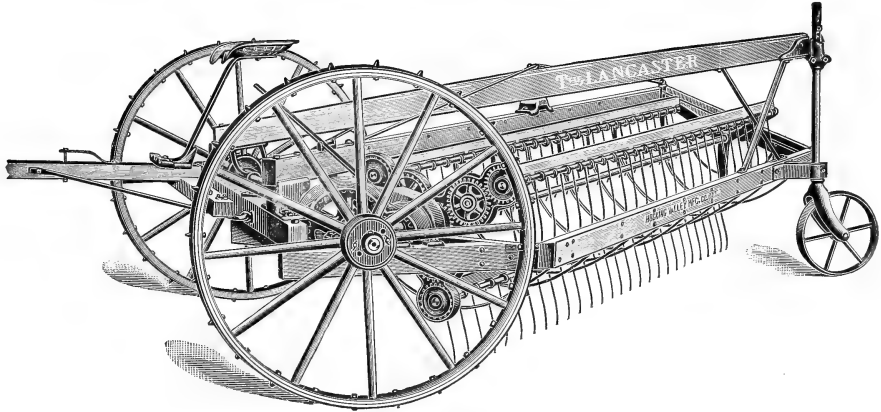
THE HUBER REVOLVING HAY RAKE

PRICES.

- | | |
|----------------------|--------|
| 14 Tooth, 8 ft..... | \$5.50 |
| 16 Tooth, 9 ft..... | 5.75 |
| 18 Tooth, 10 ft..... | 6.00 |

It is the most practical rake in use, and is made of the best selected hardwood timber, thoroughly seasoned. The teeth are square and are framed in the heads perfectly solid, thus giving them more strength and making them less liable to come loose and break, and enabling them to gather the hay better than a round tooth rake.

The Lancaster Side Delivery Rake



In the construction of The "Lancaster" Side Delivery Rake, which is comparatively new, we have combined all the good points, and avoided all the faults of those that have gone before. It is simple, durable, well made, easily operated and perfectly satisfactory in its work. It gathers up the hay, free from dust and dirt, into a continuous, loose and fluffy windrow, through which the air freely passes.

In capacity, it is equal to any rake of the kind made, and greater than most of them.

PRICE, \$46.00.

Hocking Valley Hay Loader

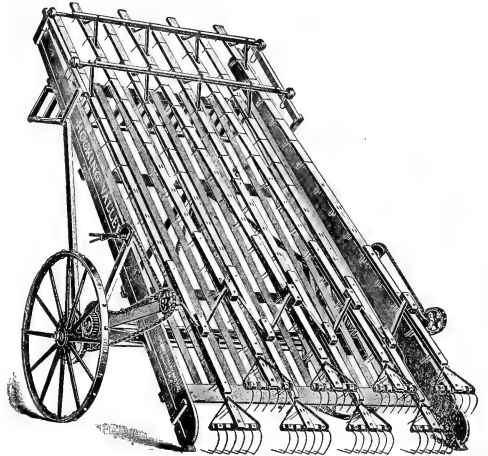
The Hocking Valley Hay Loader is carefully and thoroughly constructed from the very best selected material and is guaranteed to do its work as well as any loader made, and with less draft than any other.

It is so nicely balanced on the axle that it is neither top-heavy, nor do the teeth drag on the ground with unnecessary weight. It is acknowledged to be the lightest of draft of any loader made.

It is intended principally as a swath loader, but will work with equal satisfaction in windrows that are not excessively large. In fact where the hay is light it is better to rake it in small windrows first.

It is furnished with wood wheels made of the best seasoned hickory, and they are as strong and durable as wagon wheels.

Wherever the name Hocking Valley is known, that is sufficient guarantee of the qualities of the loader, and that in construction, material and finish it is without a rival. We make but one size, eight feet wide.

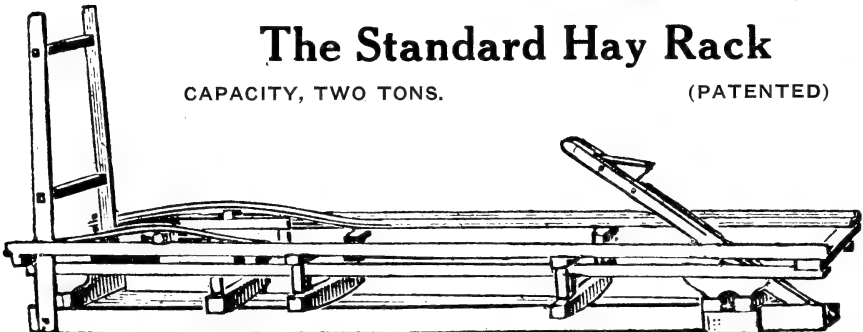


PRICE, \$52.00

The Standard Hay Rack

CAPACITY, TWO TONS.

(PATENTED)



With reasonable care will last a lifetime. No cross-pieces above the floor. Wagon can turn short, front wheels turning under the rack. Ladders fold down when not in use, front ladder making a spring seat. Material, clear red elm, securely bolted, 3/8-inch steel bolts being used in its construction.

Shipped "knocked down." Can be set up in thirty minutes, the only tool required being a wrench.

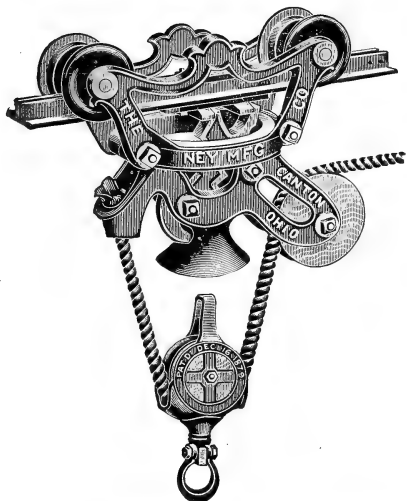
14 feet long	\$14.00
16 feet long	15.00

Furnished at the above prices to fit either 38 or 42 inch bolsters. In ordering be careful to state width of bolsters.

GRAIN CRADLES

Miller's Hand Made.....	each	\$5.00
Schwob Champion	each	3.00
Extra Fingers—Oil Sprung.....	each	.10

Ney Haying Tools



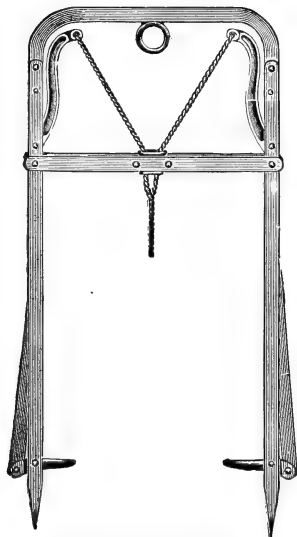
Swivel Reversible Carrier For Double-Angle Steel Track No. 5

This Carrier has been on the market so long and has met with such high favor that much comment is unnecessary. It cannot pass the bumper or trip block while in operation, and is easily and quickly reversed from the floor. It is constructed entirely of malleable iron; travelers and sheaves revolve on turned steel bushings, making it the easiest running and most durable carrier on the market.



The Genuine Nellis Fork

Made of extra quality material and finely finished. The best made Nellis Fork on the market.



**HARRIS DOUBLE
HARPOON HAY FORK.**

PRICES.

No. 5 Swivel Reversible Carrier	\$4.50
Nellis Single Harpoon Fork	2.25
Harris Double Harpoon Fork	1.25
Double Angle Steel Track, per foot .....	.12
Open Track Eyes, each .....	.08
Steel Crimped Rafter Brackets, each .....	.05

Prices on complete outfits including, in addition to above, Rope, Pulleys, etc., will be quoted on receipt of specifications.

Prices on Wood Track Outfits will also be quoted on request.

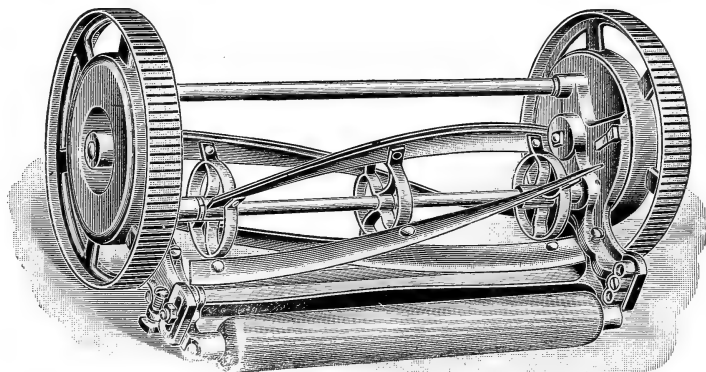
“PITTSBURGH PERFECT” LAWN MOWER

**SELF ADJUSTING BALL BEARINGS
TENSION DRAWCUT WIPER BLADES**

Ten Inch Traction Wheels.
Four Tension Drawcut
Wiper Blades.

Compensating Cutter Bar
Adjustment.

Lipped Edge Stationary
Cutting Knife.



The cutting action in all tools EXCEPT Lawn Mowers is a DRAWING one, that is, the knife doing the cutting is always DRAWN across the thing to be cut or vice versa. For some unaccountable reason Lawn Mowers have never been so made but the act of cutting grass is by the PUSHING action of the wiper or whipper blades across the edge of the STATIONARY KNIFE.

The TENSION DRAWCUT principle completely REVERSES the old way of cutting the grass. The grass is DRAWN under TENSION across the sharp edge of the Stationary Knife, which is the CUTTING KNIFE, and severed most easily.

The TENSION DRAWCUT principle CORRECTS every defect now existing in PUSHCUT Lawn Mowers.

It causes the mower to operate much more easily. The heavier the grass, the closer the mower clings to the turf. It makes the mower SELF-SHARPENING. Where the PUSHCUT wiper blades require sharpening often, the TENSION DRAWCUT blades will never need it as they are not intended to be sharp except on the BACK EDGE which, like the CUTTING KNIFE, is SELF-SHARPENED by using the Mower.

PRICES.

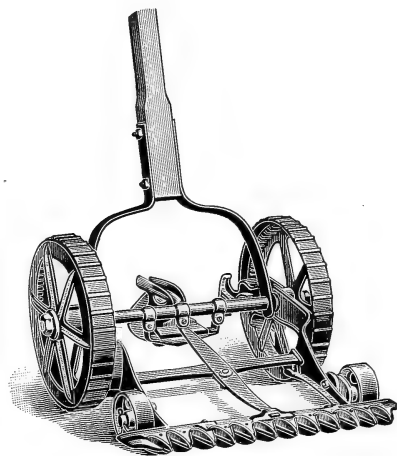
14 inch	\$6.50
16 inch	\$7.00
18 inch	\$7.50

CLIPPER LAWN MOWER

The Mower that will kill all the weeds in your lawns, and cut your grass without breaking the small feeders of roots, the grass becomes thick and weeds disappear.

DANDELIONS, CRAB GRASS and BUCK PLANTAIN the last few years have nearly captured the lawns in the different sections of the United States and all of this summer grass and weeds come up from the seeds. The roots decay as soon as the seed of the same has matured. The only way to drive them from your lawn is to cut the seed ends off before they mature. A lawn that is full of dandelions should be cut as soon as the blow ends open up and continue to cut as long as the dandelions bloom. By doing this one can drive the dandelions out in one season. The same can be done with the buck plantain. Crab grass should be handled a little different from Dandelions and Buck Plantain as Crab Grass goes to seed in June and in August and should be cut before the seed matures and then by sowing grass seed on the bald spots the Quack or Crab Grass is driven from your lawn.

The only Lawn Mower made that will cut and drive these weeds from the lawn is the Clipper Mower, which cuts the tops off so that they do not go to seed.



PRICES.

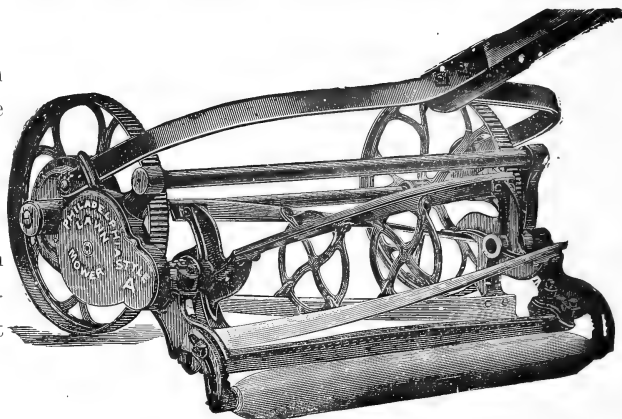
15 inch	\$7.50	18 inch	\$8.00
---------------	--------	---------------	--------

The Genuine Philadelphia Lawn Mower

4 Blades, 10-inch Wheel, 6½-inch Cylinder, Train of 3 Gears, Double Ratchet.

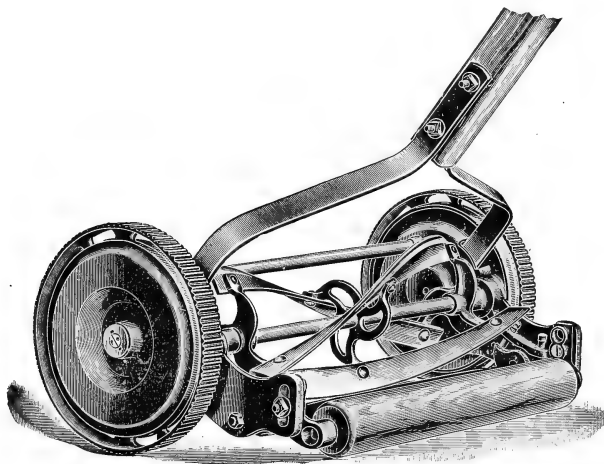
Style "A" All Steel.

This is the lightest draft Lawn Mower made, and, being made entirely of steel, it is by far the most durable. It has no competitor.



PRICES.

15 inch	\$10.50
17 inch	12.00
19 inch	13.00
21 inch	14.25



IRON CITY BALL BEARING LAWN MOWER

In the Iron City Ball Bearing Mower we offer a high grade machine at a low price. It is one of the most satisfactory machines we have ever sold.

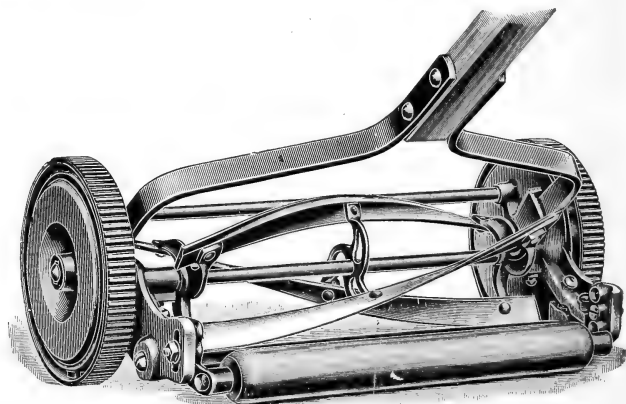
The Cone Adjustment overcomes what has heretofore proved a serious objection to all ball-bearing mowers.

PRICES.

14 inch	\$4.50
16 inch	5.00
18 inch	5.50

BLUE GRASS LAWN MOWER

The Blue Grass Lawn Mower has 8-inch drive wheel, shaft ½-inch diameter in adjustable plain bearing box, and three tempered tool steel knives on reel. In the Blue Grass Lawn Mower we have the best value that has ever been offered in a low price machine.



PRICES.

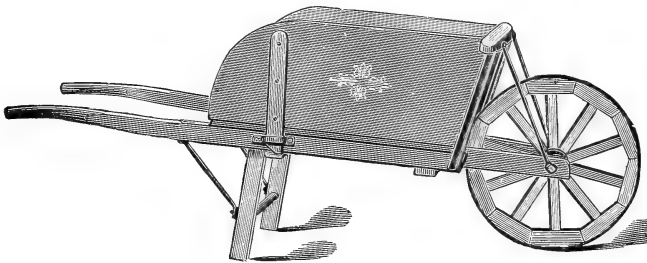
12 inch	\$2.50	16 inch	\$3.00
14 inch	2.75	18 inch	3.25

The "E-Z" Grass Catcher

The "E-Z" Grass Catcher has a galvanized iron bottom. The sides and back are made of very strong canvas, attached to the bottom by our impossible-to-rip connections. The frame is made of 1/4-inch galvanized iron wire, with side supports of the same stock.

A universal attachment made of malleable iron, fastens on the yoke of the mower, and is so arranged that it is possible to attach it to any mower, no matter what the diameter of the drive wheel. It is guaranteed to fit perfectly all styles and makes of lawn mowers.

No.	Sizes.	
1.—Fits 12, 14 and 16 inch Mowers		\$1.50
2.—Fits 16, 17 and 18 inch Mowers		1.50
3.—Fits 18, 19, 20 and 21 inch Mowers.....		1.50



GARDEN BARROWS

These Barrows are made of thoroughly seasoned wood, have Double Frames, firmly bolted together and iron braced. They are neatly finished and very strong.

PRICES.

No. 1—"Our Boys'" Barrow, with steel wheel	\$3.00
No. 2—Small Size, with wood wheel, capacity 3 cubic feet	3.25
No. 3—Medium, with wood wheel, capacity 4 cubic feet	3.50
No. 4—Large, with wood wheel, capacity 6 cubic feet	4.00

RAILROAD BARROWS

Our Railroad Barrows are made of oak, with flaring box and steel wheels. Price, \$2.00.

Henry's Blick-American R.F.D Mail Box

DIMENSIONS

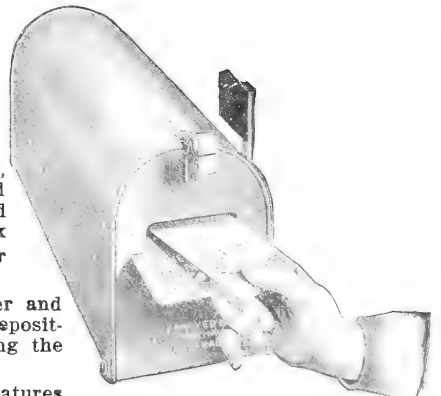
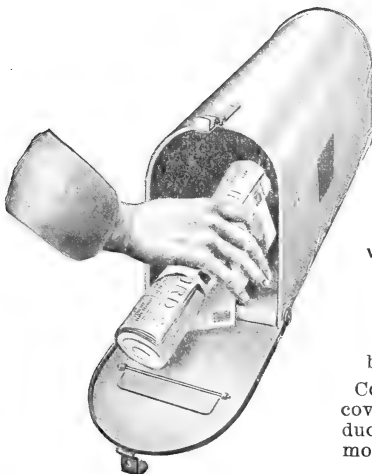
6 1/2 x 8 1/2 x 19

Description

Made of Galvanized Steel, Aluminum Painted oval top. Straight sides, recessed bottom and ends with triple lapped joints, rendering the box water tight and weather proof.

Equipped with weather and burglar proof slot for depositing mail without opening the box.

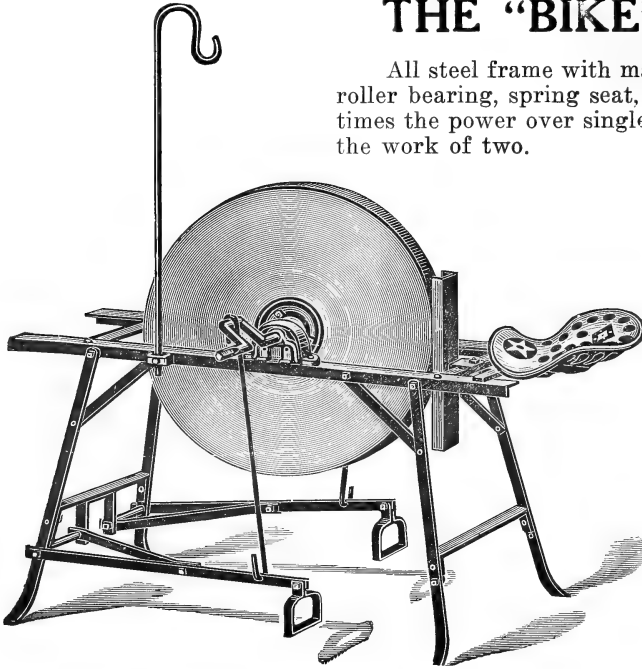
Combining the essential features covered by all the best patents for rural delivery mail boxes. Producing a thoroughly acceptable Standard for a High Grade box at a moderate cost.



Price, 75 Cents.

THE "BIKE" GRINDSTONE

All steel frame with malleable trimmings. **Double Pedal**, roller bearing, spring seat, easy running, operator has three times the power over single pedal. One man can easily do the work of two.



Rigid, Strong, Non-Destructible.

Best Grit for Grinding
SCYTHES, KNIVES, AXES,
ETC.

No. 1 Stone. Weight 65 to 80 lbs.

Price, \$5.00.

No. 2 Stone. Weight 80 to 110 lbs.

Price, \$5.50.

Ohio Mounted Grindstone

Specially Selected Stone.

The frame is made of the best seasoned hardwood. The legs are securely gained into the sidebars and fastened by a bolt. The ends of the side bars are neatly turned to serve as handles.

Prices.

- No. 1—Stone weighs 100 to 110 lbs., usual thickness $1\frac{3}{4}$ to $2\frac{1}{4}$ in.\$4.25
 No. 2—Stone weighs 70 to 80 lbs., usual thickness $1\frac{3}{4}$ to $2\frac{1}{4}$ in.\$3.75
 No. 3—Stone weighs 40 to 50 lbs., usual thickness $1\frac{3}{4}$ to $2\frac{1}{4}$ in.\$3.50



STANDARD EARTH AUGERS

STANDARD EARTH AUGERS are "Standard" because:

They will do the most work in the shortest time with the least labor; and are made of the highest grade material.

The ONLY Auger made having movable blades, which open to discharge contents. Will dump sticky clay with ease.

Can be instantly adjusted to bore many different sized holes.

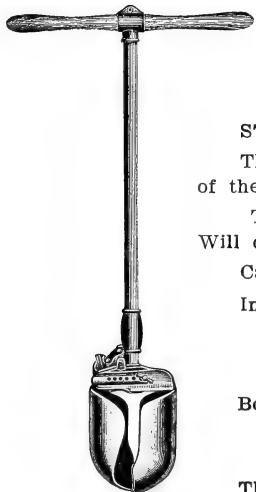
In fact, it has no equal for any kind of Earth boring.

No. 8 STANDARD EARTH AUGER

Bores SEVEN different sized holes; 8, 9, 10, 11, 12, 13 and 14 inches in diameter and $3\frac{1}{2}$ feet deep.

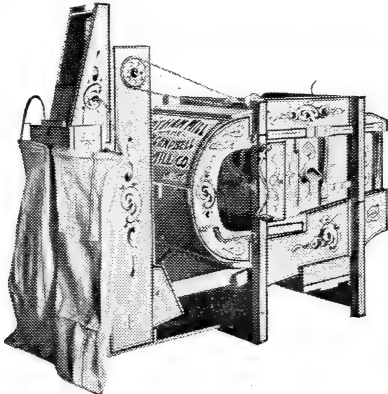
PRICE\$2.50

The stem can be fitted with pipe extension to bore extra deep holes or wells.



THE CHATHAM FANNING MILL

The New Chatham Fanning Mill is the most perfect implement yet devised for cleaning, separating and grading seeds and grain.



It is a combined grain separator, grader, timothy seed saver and fanning mill.

There is no grain or seed, from the tiny Red Top seed to the large Indian corn, that it does not clean, grade and separate perfectly.

It has a bagging attachment which does away with the work of one man.

It is equipped with 17 screens and riddles and successfully cleans wheat for seed, wheat for market, wheat from barley, barley for market, clover seed, alfalfa, timothy seed, separates oats from wheat, separates rye from wheat, cockle from wheat, and in fact it is a general purpose Fanning Mill.

This mill is manufactured from the very best material obtainable, including malleable iron castings of the very best quality, of double Japanned wire-cloth and very heavy No. 9 zinc.

Price, with Bagger, \$27.00.

HOCKING VALLEY CIDER MILLS

In Hocking Valley Cider Mills we adapt the principle of the large hydraulic presses to a hand mill. The grinding device consists of a hardwood cylinder, revolving rapidly, with serrated steel knives running lengthwise, which break down the juice cells and make a pomace that yields under the press every particle of juice in the fruit. A quart of water will clean it after using. An important feature of the mills is the absence of metal of any kind to rust and impair the quality of the cider. We guarantee them to be entirely satisfactory in every respect, in execution, ease of operation, capacity, in durability and finish. They are made in the three following sizes:

Junior Mill—2 Tubs.....	Price \$12.00
Medium Mill—2 Tubs.....	Price 15.50
Senior Mill—2 Tubs.....	Price 20.00
Bantam Mill—1 Tub	Price 9.00

BLACK HAWK CORN SHELLER



The Black Hawk Corn Sheller has enclosed hopper and separator. This prevents scattering of the shelled corn. A wonderfully fast and easy running sheller. Instantly fastened to barrel or box by two large strong clamps with wing nuts.

PRICE, \$2.00.

HOCKING VALLEY SHELLERS

ONE-HOLE SHELLER.

The Hocking Valley One-Hole Sheller is the standard sheller with which all others are compared. It fully deserves all its popularity. It is carefully made of the best material that can be gotten, and is always perfectly satisfactory in its working. It is furnished either with or without fan, feed table and pulley, and has a capacity of from twenty to twenty-five bushels an hour.

PRICES.

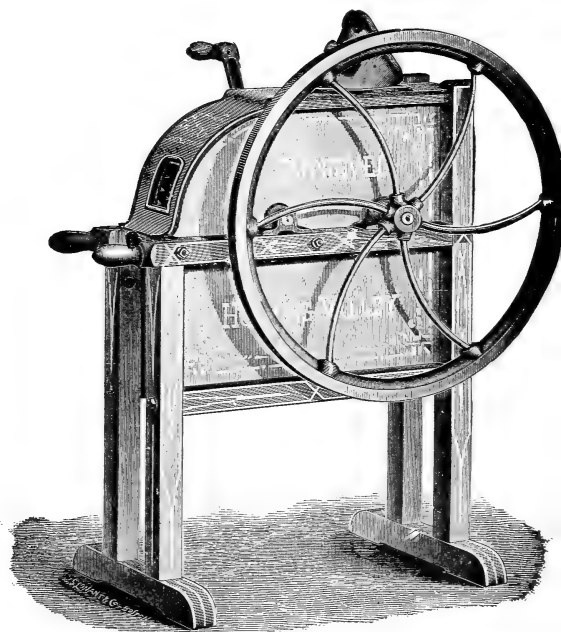
With Fan	\$7.50
Without Fan	7.00
Feed Table, extra .....	.50
Belt Wheel, extra	1.00

TWO-HOLE SHELLER.

The Hocking Valley Two-Hole Sheller is intended for either hand or power.

PRICES.

With Crank, Belt Wheel, Fan and Feed Table	\$15.50
--------------------------------------------------	---------



IRON AND WOOD PUMPS

REX DEEP-WELL LIFT PUMP

Anti-Freezing.

Constant Flowing.

This is our new pattern deep well pump, fitted with reversible handle and improved compound handle rest. While the pump is designed for deep wells, yet it can be used in cisterns or wells as deep as 200 feet.

No.	SIZE	Iron Cylinder	Brass Lined Cylinder	Brass Body Cylinder
1.	2½ or 3x10	\$5.00	\$7.00	\$8.00
2.	2½ or 3x12	\$5.00	\$8.00	\$9.00

NEW FOUNTAIN DOUBLE ACTING FORCE AND LIFT PUMP

Anti-Freezing, for Deep Wells or Cisterns.

The New Fountain is the simplest and most efficient deep-well pump on the market.

Has double air chamber, which enables the pump to throw an absolutely solid stream, just like a hydrant.

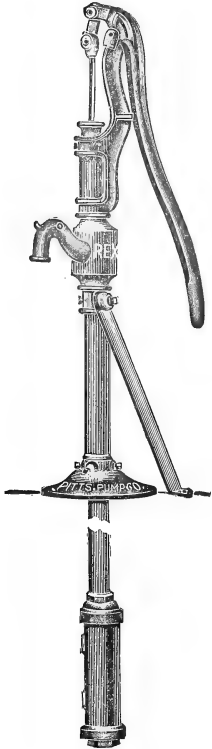
Has adjustable base and brace. Spout can be made to face the front or side by simply loosening set screw at top.

Will go in hole as small as 4¼ inches. Upper cylinder is brass lined.

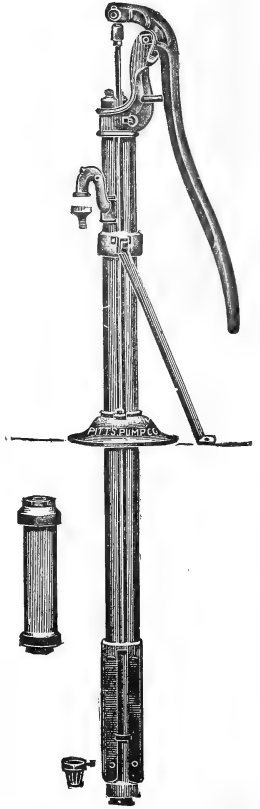
No.	SIZE	Brass Lined Cylinder	Brass Body Cylinder
1.	2½x12, 1¼ pipe	\$11.00	\$12.00
2.	3 x12, 1¼ pipe	11.00	12.00

If Three-Way is desired add \$3 to above prices.

If Wind Mill Top is desired add \$2 to above prices.



REX.



NEW FOUNTAIN.

Pumps Fitted Up Complete for Any Depth Well.

We will fit up any of the above pumps complete for any given depth well for 15c per foot for depth of well in addition to the above prices.

This includes 1¼-inch galvanized pipe, ⅜-inch galvanized steel rod and fitting up.

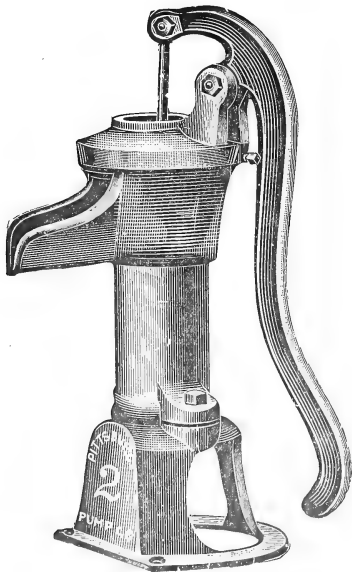
PITCHER SPOUT PUMP

Has smooth bore cylinder and brass valve seat; made of the best material.

Can be used in wells as deep as 25 feet.

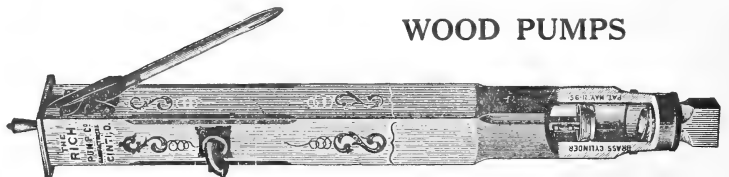
PRICES.

No. 1, 2½-inch Polished Cylinder	.....\$2.25
No. 2, 3 -inch Polished Cylinder	..... 2.50
No. 3, 3½-inch Polished Cylinder	..... 2.75



We are prepared to furnish Wood Pumps, either Plain, Brass or Porcelain Lined, complete, with tubing, for any depth well. In asking for prices give distance from platform to the bottom of the well.

WOOD PUMPS



THE ONE MINUTE WASHER



The Only Washing Machine where you can **Sit Down** in an **Easy Position** and do a **Big Washing**. Sold under the **Strongest Possible Guarantee**.

“Will do your washing **Better, Faster and Easier** than any other machine.”

PRICE, \$10.00.

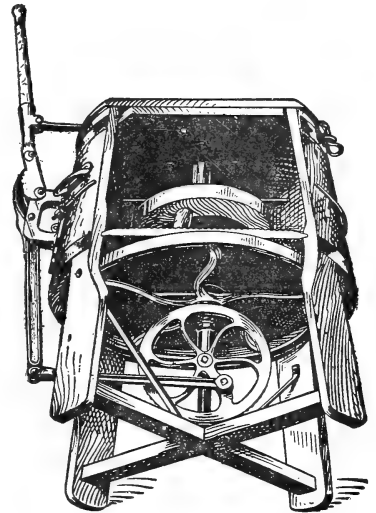
Will Last a Lifetime. Made of Southern Cypress and Malleable Castings.

A Five-Year Guarantee with every Machine.

The Easiest Running Washing Machine Ever Invented.

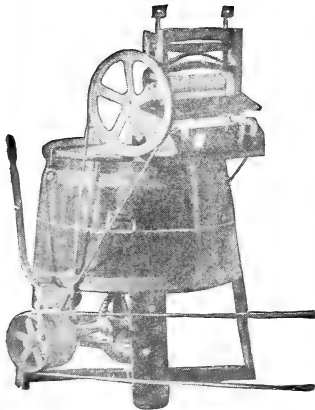
See the **Fly Wheel**? It is underneath the tub and driven at high speed, which is maintained by a **Thumb and Finger Touch**.

The compound lever gives more power and a short, easy stroke. The good housewife likes the “One Minute Washer” because it does its work better, faster and easier than any other. It has to do this under our positive guarantee.



THE ONE MINUTE WASHER

WITH POWER ATTACHMENT.



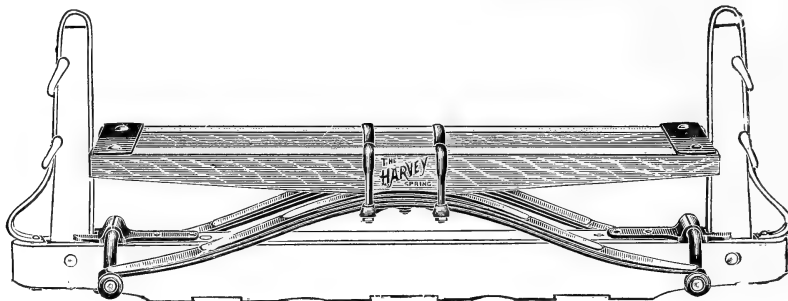
The illustration represents one of the most popular machines that has been placed on the market. It is simply the popular **One Minute**, plus a new feature that makes it doubly valuable to many people who have an engine or other motive power with which to do much of their work.

As will be noted in the illustration, a lever shift throws the power belt from the drive pulley to an idler, thus stopping the machine without stopping the engine. And when the washer stops the wringer starts, as the belt which drives the wringer is driven by a small pulley attached to the large idler.

PRICE, \$13.00.

This price includes both hand and power attachments, Belt Wheels and Belt for Wringer.

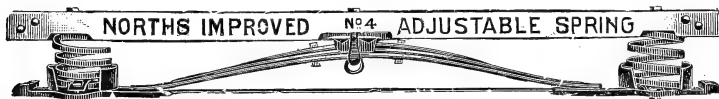
HARVEY BOLSTER SPRINGS



You must be interested in anything that will add to your comfort and save you money. This is just what a pair of our Bolster Springs will do for you. They will change your farm wagon into a spring wagon. They relieve the jars, jolts, strains and noise of a springless wagon. They make it run easier, smoother and quieter.

PRICE PER SET.—Always give capacity and length wanted.

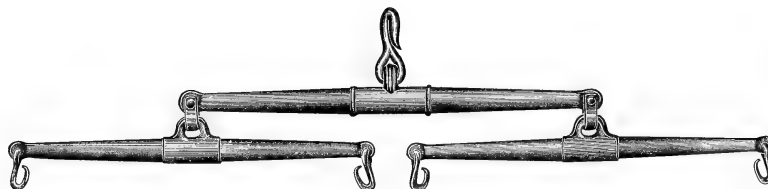
Width and No of Leaves	Capacity.	For 36 or 38 in. Bolster.	For 40 or 42 in. Bolster.	For 44 in. Bolster.	Width and No. of Leaves	Capacity	For 36 or 38 in. Bolster.	For 40 or 42 in. Bolster.	For 44 in. Bolster.
1½ x 3	1000	\$4.75	\$5.00	\$5.25	2 x 7	5000	\$8.75	\$9.25	\$9.75
1½ x 4	1500	5.00	5.25	5.50	2½ x 6	6000	10.75	11.25	11.75
1¾ x 4	2000	6.00	6.50	7.00	2½ x 7	7000	11.75	12.50	13.00
1¾ x 5	2500	6.50	7.00	7.50	2½ x 8	8000	12.50	13.50	14.00
2 x 5	3000	7.25	7.75	8.25	2½ x 9	9000	13.50	14.50	15.00
2 x 6	4000	8.00	8.50	9.00	2½ x 10	10000	14.00	15.00	15.50



PRICE PER SET.

	38-in.	42-in.
1,000 lbs.	\$3.25	\$4.00
1,500 lbs.	4.00	4.75
2,000 lbs.	4.50	5.25

“NEVERBREAK” PLOW DOUBLETREES



PATTERN No. 201-A

“Neverbreak” Tubular Steel Doubletrees and Singletrees are made from hollow tubes, tapered from the center, with reinforced ends securely welded under a drop hammer, thus affording ample wearing surface and keeping out moisture. Centers are fitted with steel drop forged drawbolts and there are no ends to break or become loosened.

“Neverbreaks” under actual tests have been found to possess more than double the strength with half the size of the ordinary wooden trees and yokes, and having the unqualified endorsement of all users, they will undoubtedly supplant all similar articles, both wood and steel, heretofore placed upon the market.

	Doubletree.	Singletree.	Per Set.
No. 1—Pattern No. 201-A	36 in.	30 in.	\$2.00
No. 2—Pattern No. 201-A	38 in.	32 in.	2.25

“NEVERBREAK” CULTIVATOR SINGLETREE

WITH HOOK IN CENTER CLIP.

24-inch Cultivator Singletree....	\$0.45	28-inch Cultivator Singletree....	\$0.55
26-inch Cultivator Singletree....	.50	30-inch Cultivator Singletree....	.60
32-inch Cultivator Singletree....	\$0.60		



WE can refer to buildings in our own city, as well as throughout the United States, which were covered with "Granite Roofing" from 9 to 12 years ago, and are still in good condition, without the expenditure of one dollar for repairs. The fact that it is used on large factory buildings, round houses, glass houses, etc., proves its good qualities. We do not hesitate to recommend it to agriculturists and poultrymen as the best and most economical roofing on the market. It is prepared all ready to lay when it leaves the factory, and can be put on over old shingles or tin. It can be used for siding as well as roofing.

Each roll contains 110 square feet, or sufficient material to cover 100 square feet of surface, allowing for laps. Nails and cement for laying are included in the following prices:

Less than 10 rolls, per roll\$2.75
 10 rolls or upward, per roll 2.50
 Mops for applying cement, extra, each25

On shipments of 10 rolls or upward from factory, freight will be allowed to customer's railroad station.

ADOPTED BY THE
 LEADING RAILROADS, MANUFACTURERS, ARCHITECTS AND BUILDERS
AS THE STANDARD ROOFING
 SEA GRIT ————— GRANITE COMPOSITION
 WOOL FELT ————— GRANITE COMPOSITION
 WRITE FOR TESTIMONIALS, PHOTO-PAMPHLET AND SAMPLES.
EASTERN GRANITE ROOFING Co.
 1 HUDSON ST. NEW YORK.

Please note that "Granite Roofing" comes ready to apply. No coating necessary after it is put on.

EVERTITE ROOFING

A HIGH GRADE READY ROOFING OF GREAT DURABILITY, WITH A TOP SURFACE OF CRUSHED ROCK, WHICH REQUIRES NO PAINTING OR COATING.

Evertite is sold in rolls of 110 square feet which is sufficient to cover 100 square feet of roof, including ample laps. With each roll we send 1½ pounds large head nails; 7 pounds roofing cement.

PRICES.

Less than 10 Rolls, per Roll\$2.00 10 Rolls and upward, per Roll...\$1.90

On shipments of 10 Rolls and upward direct from factory, freight will be prepaid. Sample mailed free.

If you are interested in Roofing write us for samples and full descriptive circulars.

ARCOTUM

ARCOTUM is a Preservative in Red and Black—not a mere paint, but successfully used wherever ordinary paint can be applied.

ARCOTUM is recommended for use on:

- | | | | |
|------------------------------------|-------|--------------------|-------|
| HOUSES | BARNs | FENCES | POSTS |
| SHINGLE ROOFING | | FARM IMPLEMENTS | |
| METAL ROOFING OF EVERY DESCRIPTION | | | |
| GUTTERS AND COPING | | IRON AND GAS PIPES | |

and everything requiring the application of a first-class preservative in colors. Also makes a perfect Shingle Stain or Dip.

Arcotum covers more surface and lasts twice as long as any ordinary paint. In addition to answering every requirement of a high grade paint, it is a first class preservative.

Price, \$1.00 per gallon.

AMERICAN COLD JAPAN PAINT

For Tin, Iron and Steel Roofs, Bridges, Fences and Paper Roofs.

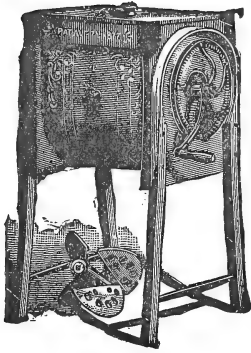
One good coat will stop most any leak in roof. Japan Paint and patch of muslin or canton flannel will stop bad leaks in roofs, gutters, etc.

Ready for use.—No stirring required.—Anyone can put it on.

PRICES.

1 Gallon Can .....\$0.60	10 Gallon Can\$ 5.00
2 Gallon Can 1.10	Half Barrel—30 Gallon 10.00
5 Gallon Can 2.50	Barrels—50 Gallon 16.00

The Bent Wood Churn



The material which enters into a churn should be the first consideration. It requires something that is durable, that will remain sweet and clean, and in selecting Ash and Poplar for this purpose we have an article that possesses all these qualifications.

In construction the Bent Wood Churn excels all others in strength, beauty and simplicity. The bottom and sides are made of one piece of lumber bent into shape, thoroughly seasoned, and are fitted into grooves in the ends in such a manner as to make leakage impossible. The dasher is made of Rock Maple, a very hard, smooth, close-grained wood, that will not splinter nor wear rough, and is so arranged that it can be removed when the churn is full of cream. All the inside irons are well galvanized to prevent rusting.

PRICES.

No. 00 Will Churn	12 Gallons.....	\$7.25
No. 0 Will Churn	9 Gallons.....	\$6.75
No. 1 Will Churn	6 Gallons.....	6.25
No. 2 Will Churn	4 Gallons.....	5.75

Washington, Pa., December 29, 1910.

The I. W. Scott Co.,

Dear Sirs: I want a new Bentwood Churn or new castings for our old one. Have used the old one 15 years and it is a good one. Give me price on castings, also on new 12-gallon churn, and oblige,

J. E. HOOTMAN.

Magic Barrel Churn

Is provided with our new patent Drop Steel Forged Cover.

No more warping, splitting or breaking.

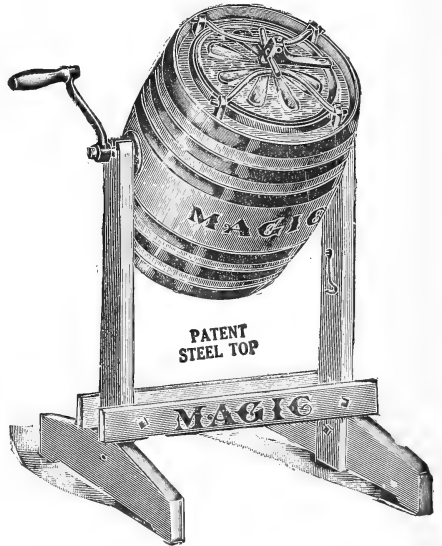
You could drive over it with horse and wagon, but could not break it.

There is no wood to split, twist and warp.

No cast iron to crack, spring or break; in fact, it is practically indestructible.

Every cover fits the Churn perfectly. No leak.

	Holds.	Churns.	Weight.	Price.
No. 0	6 gals.	3 gals.	31 lbs.	\$3.25
No. 1	10 gals.	4½ gals.	36 lbs.	3.75
No. 2	15 gals.	7 gals.	44 lbs.	4.15



Hero Barrel Churn

This Churn was awarded the \$50.00 cash prize at the American Institute Fair at New York. It is guaranteed. It will not break the grain of the butter, nor make it a salvy consistency. No corners for the cream to stick in, consequently you utilize every particle of butter contained in the cream.

PRICES.

	Churns.	Weight.	Price.
No. 3	9 gals.	50 lb.	\$4.60
No. 4	12 gals.	72 lb.	5.75
No. 5	16 gals.	90 lb.	6.50

Pulleys and Steel Shafts furnished with any size churn if desired. Quotations on application.

PERFECTION PASTEURIZER

Pasteurizes Milk, Cream or Skim Milk without coating. The drum is filled with water and heated with steam which is admitted through a special jet, circulating the water and keeping a uniform temperature in every part of the drum. A series of 36 copper tubes passes through the drum and are connected to special brass cages. The product (milk, cream or skim milk) is pumped through these tubes, perfectly pasteurized and elevated to cooler. The special advantages may be briefly explained as follows—viz.: 1. Only one pumping and when milk is cold. 2. Maintains perfect cream line. 3. Uniform and sustained heating. 4. No cooked flavor. 5. Maximum efficiency. 6. Minimum cost of operation. 7. Perfect circulation of both milk and water. 8. No waste; pumps to a compression and empties machine. 9. Complete and easy control of temperature, and heats to any desired temperature as high as 212 without coating. 10. Easy to clean, no complicated parts, no moving parts. 11. Positively durable and can be operated by steam pump where there is no engine.

Two thermometers are provided, one on each end of pasteurizer, showing temperature of water and milk during entire run.

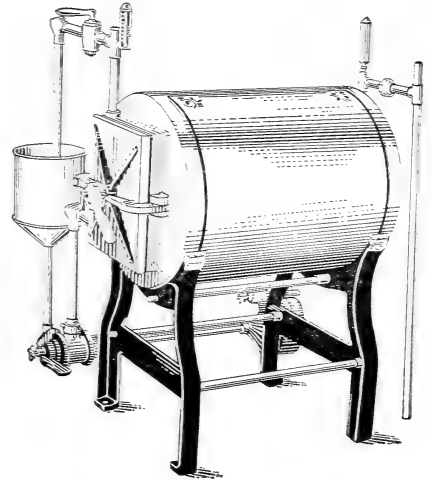
Guaranteed to give satisfaction.

- No. 0. 1000 to 1400 lbs. per hour
- No. 1. 1500 to 2000 lbs. per hour
- No. 2. 2500 to 4000 lbs. per hour
- No. 3. 5000 to 8000 lbs. per hour

Prices quoted on request.

Larger sizes made on order. Ask for descriptive circular.

Automatic Thermostatic controller may be attached at an additional cost. Prices on application.

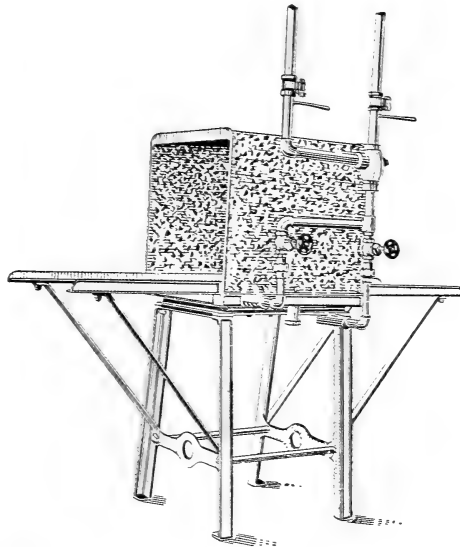


Chester Case Rinsers and Sterilizer

An inverting rack is placed over a case of bottles, either a 12-quart, 16-pint or 20-pint case, and the entire case and bottles are inverted and pushed into the sterilizer, the hot water lever is then drawn forward, and a stream of hot water is forced into each bottle with pressure. This thoroughly rinses the bottle. The steam lever is then drawn forward and live steam is admitted into each bottle, which thoroughly sterilizes it and renders it free from bacteria.

Special material has been selected to meet the requirements of this machine, and satisfied users prompt us to recommend it.

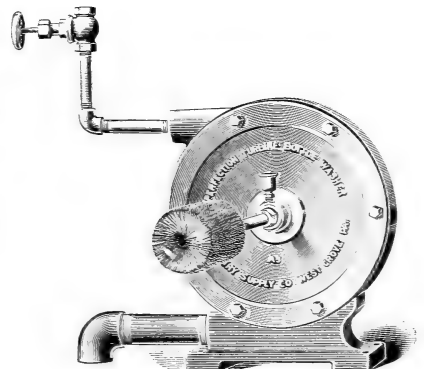
PRICE.....\$50.00



Perfection Steam Turbine Washer

Uses less steam than any other washer because we make the steam do all its work; in other words, there is no lost power, the steam enters at the top and travels half the distance around before being discharged. The wheel is made extra heavy and being perfectly balanced works very easily and requires little steam. Fitted with removable bronze bushings, heavy brass oil cups, brush holder, brush valve and fittings as shown in illustration. It is shipped complete ready to set on your wash sink and connect to steam line.

- SINGLE (one brush)\$20.00
- DOUBLE (two brush) 25.00

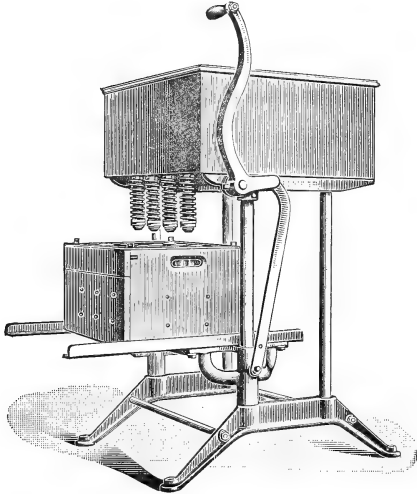


PERFECTION FILLERS

Star Cream Separator

STYLE B

All Perfection Fillers are Fitted
with Cap Seat Sealing Valves



B 1 SINGLE END

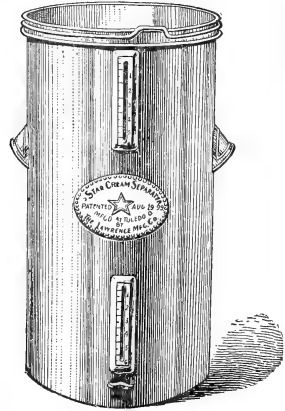
Fills 4 bottles in a row. Adjustable for pint or quart bottles. Fills at rate of 800 bottles per hour. Complete with cover and removable strainer \$55.00

B 2 DOUBLE END

Fills 4 quart bottles in a row on one end and 5 pint bottles in a row on the other. Fills at rate of 1,500 bottles per hour. Complete with removable cover and removable strainer.....\$75.00

Easiest
Cleanest
Simplest

Cream Separator of its Kind on the
Market.



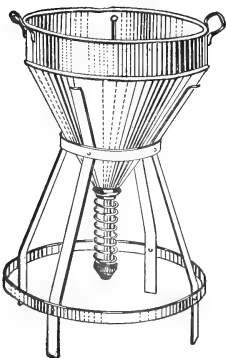
Reversible Strainer, Cover and Aerator Concave Bottom.

Made of the best material to be found on the market, with the most perfectly constructed bottom, allowing every particle of cream and milk to be drawn, without disturbing the can, thereby preventing all liability of remixing cream and milk after being separated.

PRICE LIST, WITH COVER.

- No. 0. Capacity 1 cow, 24 quarts.....\$3.00
- No. 1. Capacity 1 to 2 cows, 48 quarts..... 3.50
- No. 2. Capacity 3 to 4 cows, 88 quarts..... 4.50
- No. 3. Capacity 6 to 8 cows, 118 quarts..... 5.25
- No. 4. Capacity 8 to 10 cows, 130 quarts.... 6.00
- No. 5. Capacity 15 cows, 160 quarts..... 7.00
- No. 6. Capacity 20 cows, 200 quarts..... 7.50

Special circular mailed on request.



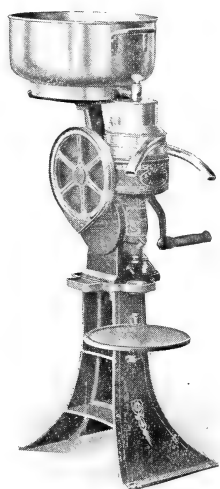
Perfection One Valve Fillers

One Valve Funnel Filler fills quart, pint, half-pint or quarter-pint bottles. Specially designed to take place of dipper method of filling and answer requirements of small dealers, handling from 50 to 150 bottles daily. Also takes care of cream, skim or buttermilk for the large dealer.

Filler only.....\$6.00 With stand.....\$7.50

WRITE FOR SPECIAL CATALOGUE OF DAIRY MACHINERY AND SUPPLIES NOT SHOWN IN THIS CATALOGUE. WE HANDLE A COMPLETE LINE.

Olds Cream Separator



The Olds Cream Separator is high grade in every part and it will do your work easily, quickly and economically. It has features that make it so satisfactory that you will always be glad you bought it.

Among these features are the following:

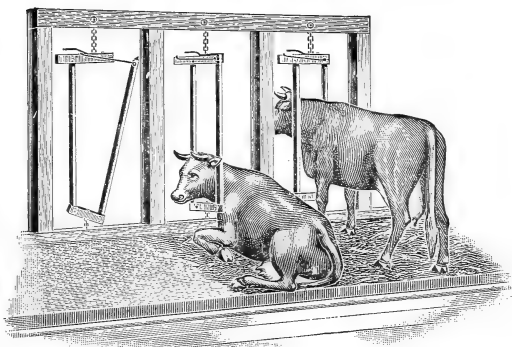
- No Suds.
- No Foam.
- Waist Low Supply Can.
- Instantaneous Starting Ratchet Crank.
- Close Skimming, that gets all the Cream all the time.
- Easiest Running of all Separators.
- No other Separator can be washed so easily.
- Low Speed Bowl with easy operation.
- Self Balancing Bowl.
- Less number of discs—only 33 discs to wash and they can be washed as one piece.
- The Olds will last a lifetime.
- Improved System of Lubrication.
- 20 years' absolute Guarantee.

Write us for catalogue giving details of these special features and copy of guarantee.

PRICES

- No. 14. Capacity 500 lbs. per hour. . \$61.50
- No. 16. Capacity 750 lbs. per hour. . 74.50
- No. 20. Capacity 900 lbs. per hour. . 88.50

THE QUICK Cattle Comfort Steel Swing Stanchion



**QUICK TO OPEN.
QUICK TO CLOSE.
QUICK TO PLEASE.**

Made entirely of spring steel, the uprights being of smooth tubing, easy for the cows' shoulders and neck and the horizontal pieces of superior rolled angle steel driven to the tubing by strong rivets.

Hung at the top and bottom by heavy chains, which allow stanchions to swing, giving cattle perfect freedom.

Quickly adapted to old stables as they are standard size and fit the same space occupied by the rigid stanchions.

Cattle can turn their heads, lick their sides and being more comfortable, they will give more milk.

Stanchions open and close quickly with one hand only.

Will not bend or break. Always in working order.

Sanitary; not an ounce of wood to absorb odors and moisture. Keep the cows clean, as wooden stanchions do not.

PRICES.

- Less than 1 dozen, each\$1.50
- 1 dozen, each 1.40
- 2 dozen and upwards, each 1.30

Common Sense CALF FEEDER

The Common-Sense Calf-Feeder is a simple, practical device which every calf-owner will appreciate and the value of which can be seen at a glance.

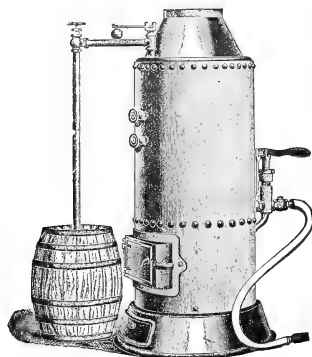
Calves can be put immediately upon the feeder. There is no two or three days' starving process while trying to force the young animal to drink. The danger of scours is reduced to the minimum.

PRICES.

- Single Feeder\$2.00
- Double Feeder 3.00

Clark's Improved Feed Cooker and Water Heater

The illustration represents our Steam Feed Cooker, or Agricultural Boiler, and we believe it to be the best Cooker ever placed on the market. It is made in the most substantial and workmanlike manner. The material used in its construction is the best boiler plate steel, 60,000 pounds tensile strength, hand riveted, tested to 100 pounds hydrostatic pressure, securing perfect safety and ample capacity to users. The fire door is of ample size, and the grate so designed that any kind of fuel may be used. The boiler is of tubular type, the flues passing through the water, giving unusually large heating surface, and as durable and efficient as any engine boiler of same dimensions.



SIZES AND PRICES.

Size No.	Diameter of Shell.	Height of Shell	Number 2-inch Flues.	Length of Boiler	Shipping Weight.	Price.
1	19 inches.	40 inches.	9	54 inches.	360 lbs.	\$30.00
2	19 inches.	44 inches.	13	58 inches.	430 lbs.	35.00
3	19 inches.	44 inches.	13	58 inches.	450 lbs.	45.00

The following fittings and trimmings are furnished with each cooker: One Safety-Valve, Two Gauge Cocks, One Pump, Two Valves, sufficient pipe connections, two feet of hose, and Steam and Water Gauges. It is fitted with connections for one tank or barrel, but may be used with two or three, with additional pipe and fittings.

Little Giant Stock-Food Tonic

For Large or Small, Old or Young Cattle, Sheep, Horses, Swine, and Poultry.

Composed of

- Sterilized Meat-meal
- Sterilized Ground-blood
- Sterilized Bone-flour
- C. P. Charcoal
- Imported French Gentian Root
- Imported African Foenugreek Seed
- Imported Spanish Licorice Root
- Imported German Fennel Seed

Guaranteed Analysis.

	Per Cent.
Protein	22 to 28
Fat	9 to 12
Phosphorus	4 to 5
Calcic Phosphate	22 to 24

"Little Giant" Stock-Food-Tonic is a duly licensed food and tonic. Its high content in Phosphorus, which is the only medium by or through which assimilation, in plant, animal and human-life can take place, makes the great value of this food-tonic at once apparent.

PRICES.

5 lb. Pail	\$1.00
10 lb. Pail	1.50
25 lb. Pail	3.00



It is a scientifically medicated salt, a combination of the simple medicinal elements that animals in their wild state hunt out for themselves.

It stimulates the appetite and aids digestion. It is a powerful tonic and blood builder. It absorbs noxious gases in the stomach and bowels, thus rendering these organs fit to perform their natural functions. It kills worms in the stomach and intestines and prevents parasitic infection.

Use it as a preventative and your stock will remain healthy.

PRICES.

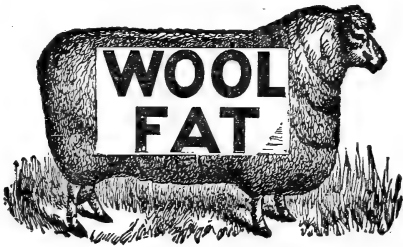
10 lb. (half peck) measure	\$.75
20 lb. (peck) measure	1.25
40 lb. (half bushel) measure	2.25
100 lb. keg	5.00
200 lb. barrel	9.00
300 lb. barrel	13.00
500 lbs.	21.00

Special prices for larger quantities.

Sal-Vet is sold with the understanding that if it fails to produce the results we claim, the purchase price will be refunded.

Refined Wool Fat

is extracted from the wool of the sheep and does not differ from the secretions in the skin of the horse.



It will positively cure Scratches, swollen tendons, relieve inflammation, and will grow a new and perfect hoof.

PRICES.

4 oz. box	\$.25, prepaid.....	\$.30
12 oz. box	.50, prepaid.....	.60
32 oz. box	1.00, prepaid.....	1.30
10 lb. pail	3.00, prepaid.....	3.50
20 lb. pail	5.00, prepaid.....	5.50

Kow-Cure

The Great Cow Medicine.

For Abortion, Barrenness, Scouring, Bunches on the Udder, Red Water and "Off Feed." Kow-Cure assists nature, makes pure blood, corrects stomach disorders, improves appetite, and being a safe and powerful tonic makes a larger flow of milk.

PRICES.

Small size	.....	\$.50
Large size	.....	1.00



Cows' Relief

Cow's Relief is one of the greatest remedies ever compounded for cattle.

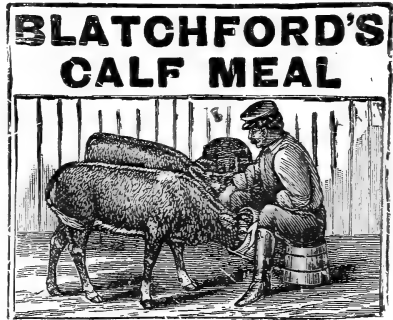
It is the original specific for all troubles of the bag and teats.

The bag is the profit-making organ of the dairy cow. Any disorder of the bag has an important effect upon the milk-flow. For this reason Cows' Relief is worth its weight in gold to the farmer or dairyman, as it is a specific remedy for all bag and teat troubles.

It removes the soreness and swelling that is frequently a cause of kickers and hard milkers.

PRICES.

Small Size	.....	\$.50
Large Size	.....	1.00



BLATCHFORD'S CALF MEAL is recognized as the standard substitute for milk for raising calves throughout the world, being composed of nine different ingredients, each one for a special purpose, mixed in correct proportions, and it is the only CALF MEAL that is cooked, preparing it for ready digestion.

PRICES.

25 lb. Bag	.....	\$1.25
50 lb. Bag	.....	2.00
100 lb. Bag	.....	3.50

Dillon's Utility Salt

Dillon's Utility Stock Salt prevents disease—because it is a powerful antiseptic and cures indigestion.

Dillon's Utility Stock Salt is not only a worm destroyer, but a tonic and conditioner.

Many ailments of the horse are caused by undigested food in the stomach and bowels. These diseases can be cured and prevented by using Dillon's Utility Stock Salt.

PRICES.

6 lb. Can.	.....	\$.050
45 lb. Pail	.....	3.50
300 lb. Barrel	.....	18.00

Blatchford's Pure Sugar and Flax Seed

Composed of Pure Locust Bean Meal, that has been fed for centuries by Arabian and Eastern stockowners, very rich in sugar and supplemental nutriment; Pure Flaxseed, with the oil all in it, not taken out as in Oil Meal; Albuminous Compounds, the best stock tonics, Gentian, Foenugreek and Anise Seed, combined and cooked in the proper proportions to give the best results.

THE IDEAL FOOD TO MIX WITH THE ORDINARY FEED OF HORSES, CATTLE, SHEEP AND HOGS.

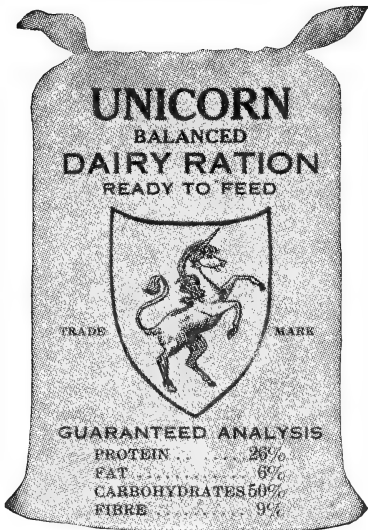
ANALYSIS.

Average Analysis taken by several Agricultural Experiment Stations:

PROTEIN 27 PER CENT. FAT 10 PER CENT.

Price per 100 lb. Bag.....\$3.00

STOCK AND POULTRY FEEDS



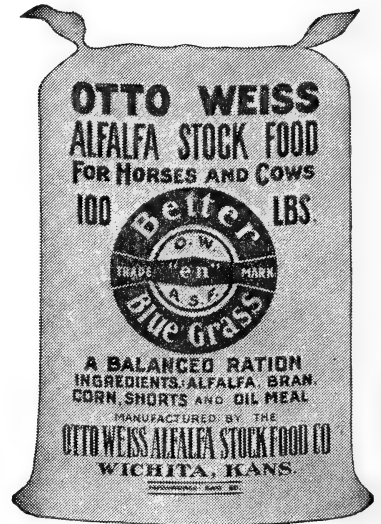
We make a specialty of supplying our customers with high grade Stock and Poultry Feeds of which the following is a partial list.

STOCK FEEDS

Otto Weiss Stock Feed.	Buffalo Gluten Feed.
Otto Weiss Driving Horse Feed.	Diamond Gluten Meal.
Pure Dustless Cut Alfalfa.	Beet Pulp.
Unicorn Dairy Ration.	Oil Meal—Old Process.
Maltine Dairy Ration.	Cotton Seed Meal.
	Flaxseed Meal.

POULTRY FEEDS

Eaton's Climax Grain Mixture.	Hulled Oats.
Eaton's Life Saver Chick Feed.	Sunflower.
Chamberlain's Chick Feed.	Hemp Seed.
Eaton's Growing Ration	Canary Seed.
Chick Manna.	Rape Seed.
Eaton's Perfection Mash.	Pigeon Peas.
Ogemaw AA Pigeon Feed.	Wheat.
Ariston Pigeon Feed.	Pure Cut Alfalfa.
Kaffir Corn.	Cut Red Clover.
Barley.	Alfalfa Leaf Meal.
Buckwheat.	Oyster Shell.
Millet.	Mica Crystal Grit.
Vetches.	Hen-e-ta Bone Grits.
Cracked Corn.	Beef Scrap.
Cracked Wheat.	Meat Meal.
	Blood Meal.
	Granulated Poultry Bone.
	Poultry Charcoal.



When you are in the market for feeds write us for circulars and prices.



THIS IS A RAT MUMMIFIED BY

RAT CORN

It is not an experiment. On the contrary, it is a thoroughly tried and proven destroyer of Rats and Mice.

Its action on Rats and Mice is a rather peculiar one. Almost immediately after eating it they become stupefied, and they remain in this stupor until they die. Death occurs about ten hours after they have eaten the Rat Corn.

EVERY RAT THAT EATS RAT CORN MUST DIE.

Almost as soon as the animal dies, it becomes hard and dry—much like leather—and no matter how long he stays there will be No Odor.

PRICE.

Per Can, 15c, 25c, 50c and \$1.00.

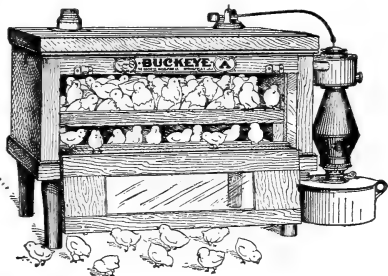
BUCKEYE INCUBATORS

THE STANDARD HOT WATER INCUBATORS
OF THE WORLD.

On the Market 22 Years.

Over 325,000 in Successful Operation.

Buckeye Incubators are equipped with every desirable device that can possibly add to incubator efficiency and they are sold with an absolute guarantee to hatch a chick from every hatchable egg.



(Style A.)

Capacity of 60 Eggs. Complete—
Ready to use.

\$8.00.

Buckeye Incubators are so simple that the beginner can operate them just as successfully as the experienced poultryman—that's why they are so uniformly satisfactory.

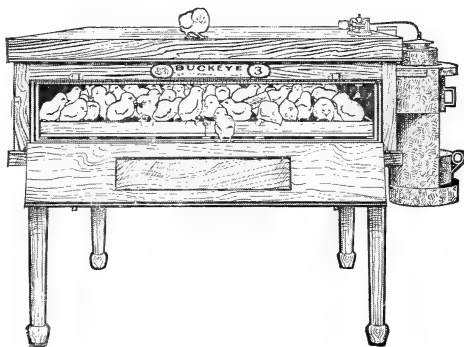
We have a Buckeye in operation most all of the time. Come in and see the Chicks hatching and we can easily convince you that you can hatch more chicks and better chicks with a Buckeye than with the best old hen or incubator you ever owned.

BUCKEYE STANDARD INCUBATORS

- No. 1—Capacity 110 Eggs.....\$16.00
- No. 2—Capacity 175 Eggs..... 20.00
- No. 3—Capacity 250 Eggs..... 27.50
- No. 4—Capacity 350 Eggs..... 35.00

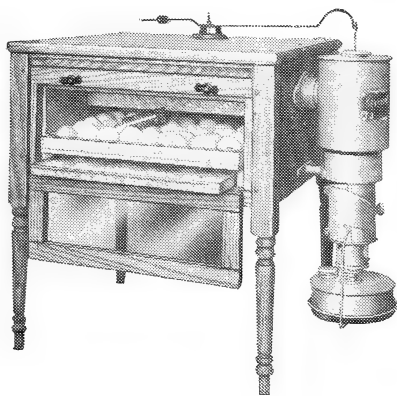
Each part of our 1913 machines is made to last a life time, as nothing enters into their construction but wood, copper, steel and brass, so we can truthfully say that they are both "Fool-proof" and "Wear-proof."

Ask for large illustrated catalogue of Buckeye Incubators.



(Standard)

Prairie State Keystone Incubators



KEYSTONE NO. 0.

The case is double insulated with cotton batting and papered insulation. The eddy current system of heat distribution is used, double ventilation, direct current or diffusive, applied moisture, wet-sand tray, complete in every particular.

The fact that Keystone Incubators and Brooders are built by the Prairie State Incubator Company is sufficient guarantee that they are not playthings for amateurs, but are built for service.

PRICES.

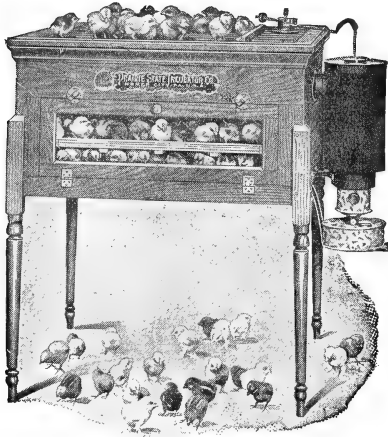
	Shipping Weight.	Hen Egg Capacity.	Price.
No. 0 Keystone.....	60 lbs.	60	\$ 8.00
No. 1 Keystone.....	75 lbs.	100	12.00

Incubators furnished with all fixtures ready to operate.

For years we have been receiving calls for a cheaper machine. This machine is as carefully built as the higher priced machines and of just as good material. It being smaller, short cuts or trimmings from the larger machines are used in its construction. Less insulation is used in the walls than the regular machines. The outside case is of clear lumber, free from knots, smooth, filled and varnished natural wood.

The Sand Tray Prairie State Incubator

The Prairie State Sand Tray Incubators have made good every claim made for them. We have received many flattering letters telling of their successful operation under even adverse conditions.



Hatched Healthy and Active in a Prairie State No. 1 Sand Tray.

PRICE LIST.

No. 0, Sand Tray—100 hen eggs;	
135 lbs.	\$18.00
No. 1, Sand Tray—150 hen eggs;	
160 lbs.	22.50
No. 2, Sand Tray—240 hen eggs;	
240 lbs.	32.00
No. 3, Sand Tray—390 hen eggs;	
275 lbs.	38.00

PRAIRIE STATE JUNIOR INCUBATOR.

No. 2.—115 hen eggs; 95 lbs.	
crated	\$15.00
Incubators furnished with all fixtures, ready to operate.	

Before you purchase an incubator or brooder write us for the Prairie State Book, "Artificial Rearing of Poultry," which not only gives full descriptions of all Prairie State Machines, but also much information on the rearing of poultry which is invaluable to every poultry raiser.

The New Prairie State Colony Brooder

PRICES.

Combination Colony House Brooders.

No. 1—72x36 inches, weight, crated, 300 lbs.	\$20.00
No. 2—60x30 inches, weight, crated, 208 lbs.	16.00
No. 3—48x27 inches, weight, crated, 150 lbs.	12.00
Heat regulator attached to any of the above brooders, \$1.00 extra.	

THE PRAIRIE STATE UNIVERSAL HOVER.

Price for hover, with lamp case, smoke conductors, lamp and thermometer	\$7.00
When used indoors alone, lamp case is not required.	
Hover and lamp, with smoke pipes	6.00
Either with regulator attached, \$1.00 extra.	

Write us for the new Prairie State Catalogue which gives detailed descriptions of Incubators and Brooders.

In building the Improved Sand Tray Prairie State the manufacturers have covered every possibility that might arise which would work detrimentally to the final result—getting the highest number of strong chicks from the eggs set; and the many, many experiments and tests made, not only by them but by others, amateurs and experts, under the most adverse circumstances, have proven that they have a machine which meets all conditions successfully—a machine that any one can operate, a machine that will do the work as no other will, for no other is built just like it.

A FEW STRONG FEATURES

- First. The eddy current or automatic gravity heat distributor.
- Second. A new triangular toggle-joint thermostatic, automatic heat regulator, that has five times the thrust of any thermostat heretofore used.
- Third. Automatic ventilation.
- Fourth. Automatic and uniform moisture supply.
- Fifth. Supplementary ventilation for drying off and hardening the chicks before removing to the brooders.
- Sixth. Largest air space above and below the eggs of any incubator.
- Seventh. A warm nursery, so that chicks can be incubated and the nursery used in the very coldest of incubator rooms.
- Eighth. Combination system of heating that gives the best all-round results.
- Ninth. The combination of elements that produce the largest and strongest chick that has ever been hatched artificially.
- Tenth. A durable, well-built machine that will last

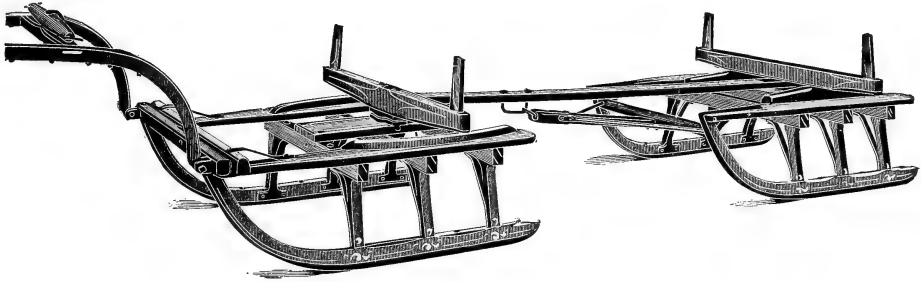
Our Poultry Supply Catalogue

ILLUSTRATING AND DESCRIBING OUR FULL LINE OF UP-TO-DATE REQUISITES FOR POULTRY RAISING AND EGG PRODUCTION, INCLUDING AN UNSURPASSED LINE OF POULTRY FEEDS, WILL BE

**Mailed
Free on Request**

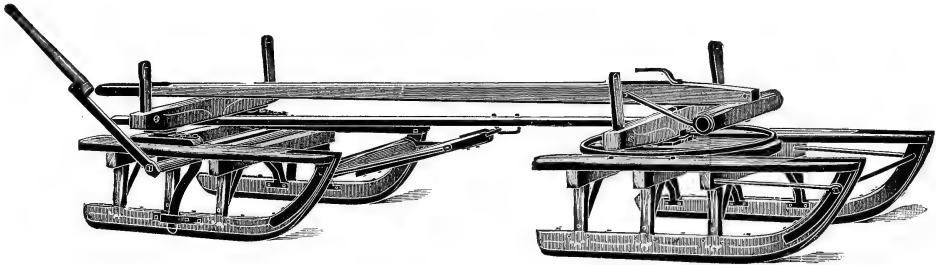
SNOW KING BOB SLEDS

The Snow King line of Bobsleds are MADE TO ORDER out of selected hardwood lumber.



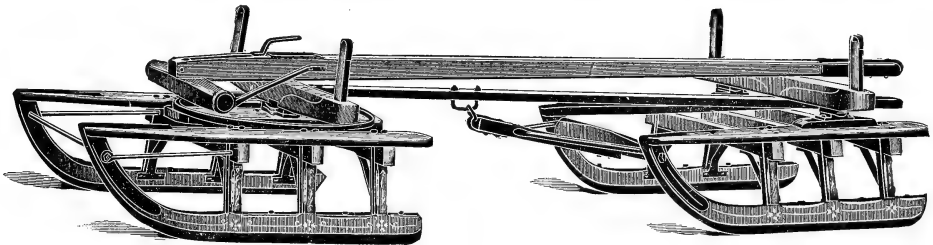
No. 2 Snow King—3-Knee Bobsled.

Shafts adjustable for straight or side hitch. 38 inches between stakes. Cast shoes. Track 36 inches from center to center of runners. The shafts are now made straight.



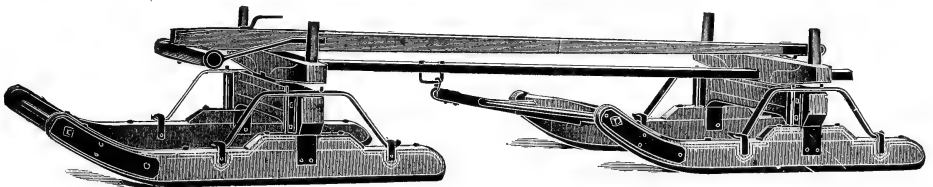
No. 6 Snow King Bobsled.

Drop Pole. Cast Shoes. Side or Rear Brake. Track 38 inches from center to center of runners. Rocking Rear Bolsters. Mortised Knees. 38 inches or 42 inches between standards. Made without Brake also.



No. 8 Snow King Bobsled.

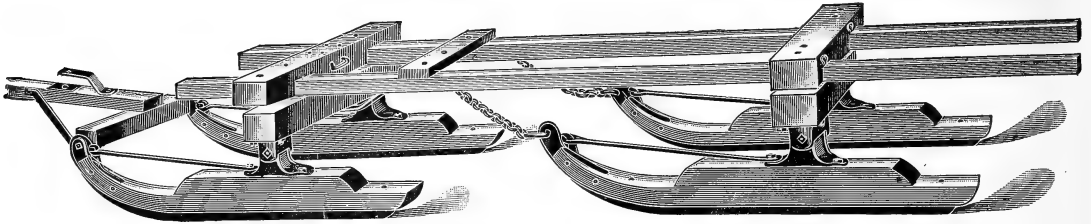
Drop Pole. Cast Shoes. Rocking Rear Bolsters. Bolted Knees. 38 inches or 42 inches between standards. Also made with brake.



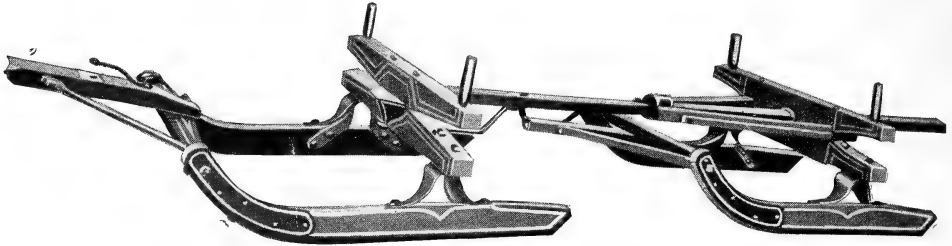
No. 18 Snow King Bobsled. Maine Pattern.

Drop Pole. Cast Shoes. 38 inches or 42 inches between stakes. Track 38 inches from center to center of runners.

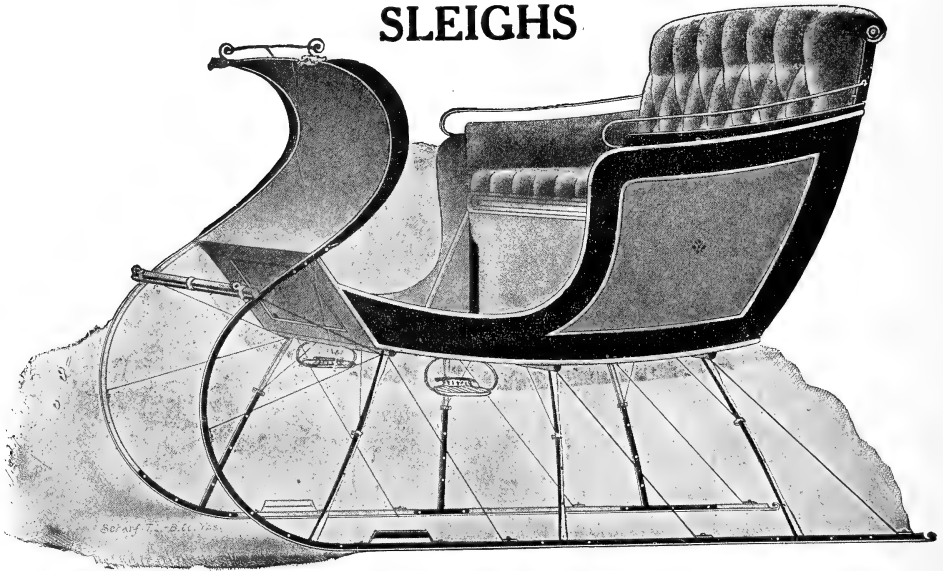
PRICES QUOTED ON REQUEST.

WYETH OSCILLATOR BOB SLEDGS.

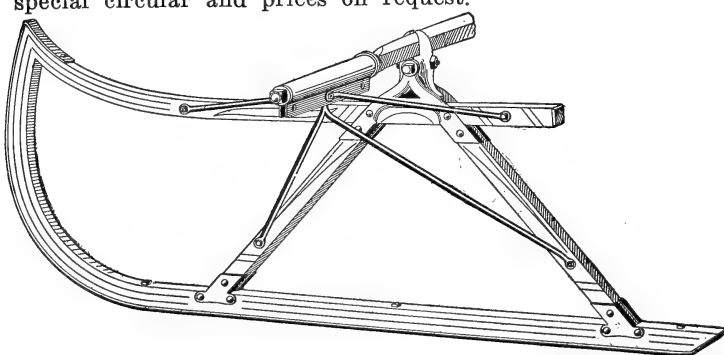
Wyeth No. 30, Oscillator—4-inch Runner, Cast Shoes, full width.
 Wyeth No. 31, Oscillator—5-inch Runner, Cast Shoes, full width.
 No. 30 and 31 also made with Single Reach and with Standards.



Wyeth No. 34—Mandt Oscillator, Cast Shoes.

SLEIGHS**NO. 148 PORTLAND SLEIGH.**

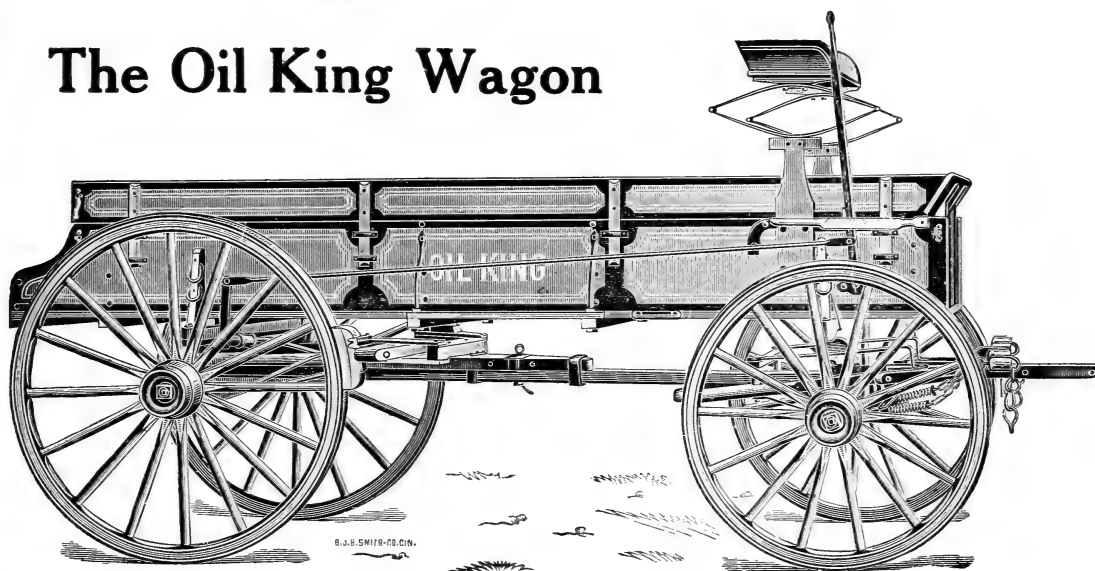
We handle a complete line of Portland and Swell Body Sleighs, and will send special circular and prices on request.

**THE WYETH
RUNNER ATTACHMENT.**

For Carriages, Buggies,
 Grocers' Wagons, Hacks,
 Laundry Wagons, Surreys,
 Dairy Wagons, Hearses, and
 all kinds of Low Down
 Vehicles.

Circular and Prices Mailed on Request.

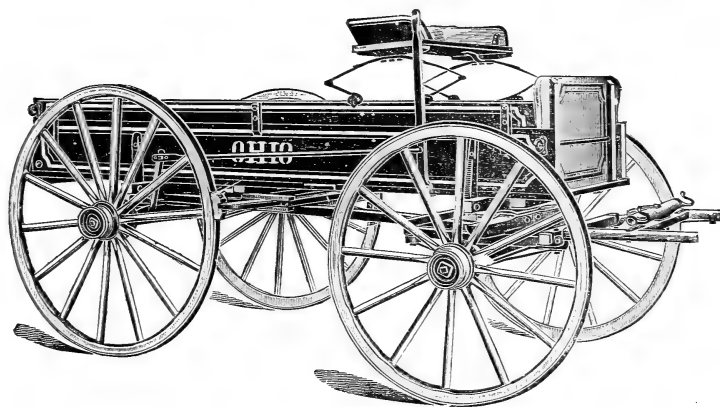
The Oil King Wagon



The Oil King Wagons are made from the very best material obtainable, are well ironed and specially adapted for general farm purposes and marketing. We now furnish them with low front wheels turning under body to the coupling pole. When made this way and equipped with Bolster Springs the Oil King makes an ideal market wagon. We furnish them with any width of tire desired, with Steel or Cast Skeins, Stiff Tongue and Tongue Chains, or Drop Tongue and Neckyoke.

Special catalogue and prices furnished on request.

The Ohio One-Horse Wagon



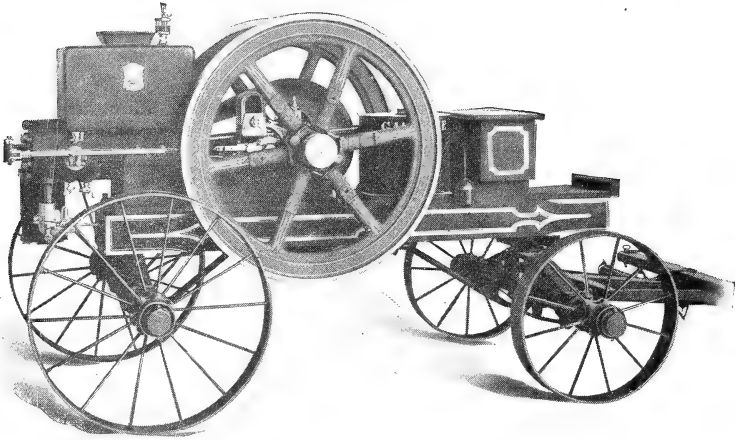
This wagon is designed to meet the demand for a moderate price wagon for light work. Made in two sizes, No. 18, $2\frac{1}{4} \times 7$ skein, and No. 19, $2\frac{3}{8} \times 7$ skein.

Nothing but the best material is used in their construction. Hickory Axles, Second-Growth Oak and Hickory Spokes, White Oak Reaches, with best Yellow Poplar in the Boxes.

Furnished with Top Gear Brake, Box Brake or without Brake.

Dimensions of lower bed: Depth, 10 inches; length inside measure, $8\frac{1}{2}$ feet; width between standards, 38 inches; Top Box, 4 inches high; wheels, regular height, 3 feet 6 inches front, 4 feet rear; tire, $1\frac{3}{8} \times \frac{3}{8}$. Write for prices.

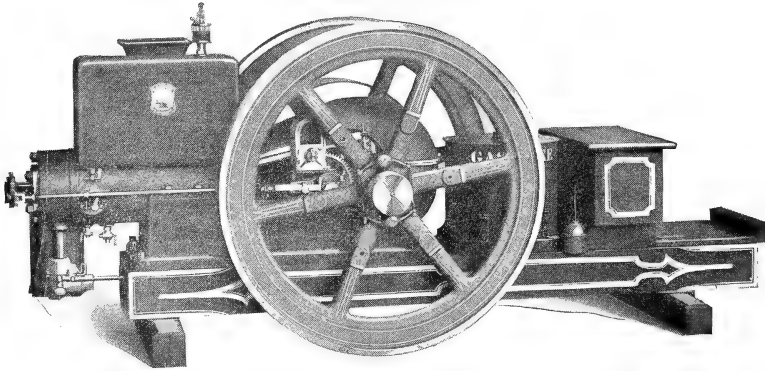
LAUSON FROST KING GASOLINE ENGINES



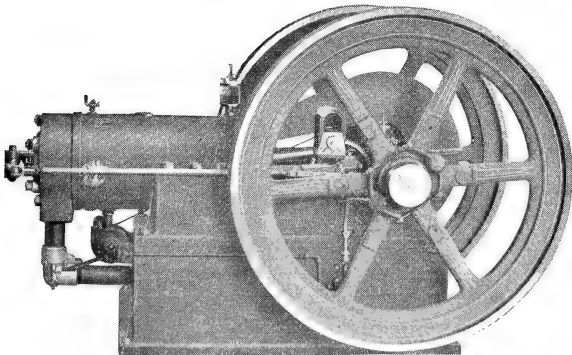
LAUSON FROST KING PORTABLE ENGINE.

The Lauson Frost King Engines are designed and constructed not only for simplicity and durability but for economy of fuel and low cost of maintenance.

All Engines from 3 HP and up are equipped with a built in, gear-driven, Rotary, Alternating Magneto, which has no brushes to get out of order, runs at nearly Engine speed, does not burn the Igniter points and starts the Engine very easily by throwing back against compression. This does away with Batteries and ignition troubles, which are 75 per cent. of the troubles found in any make of Engine.



LAUSON FROST KING SEMI-PORTABLE ENGINES.



LAUSON STANDARD STATIONARY ENGINES

“The sweetness of low prices never equals the bitterness of poor quality or poor service.” You take no chances with the “Frost King” gasoline engine.

WRITE FOR LARGE ILLUSTRATED CATALOGUE AND PRICES.

FIGS

READ THIS

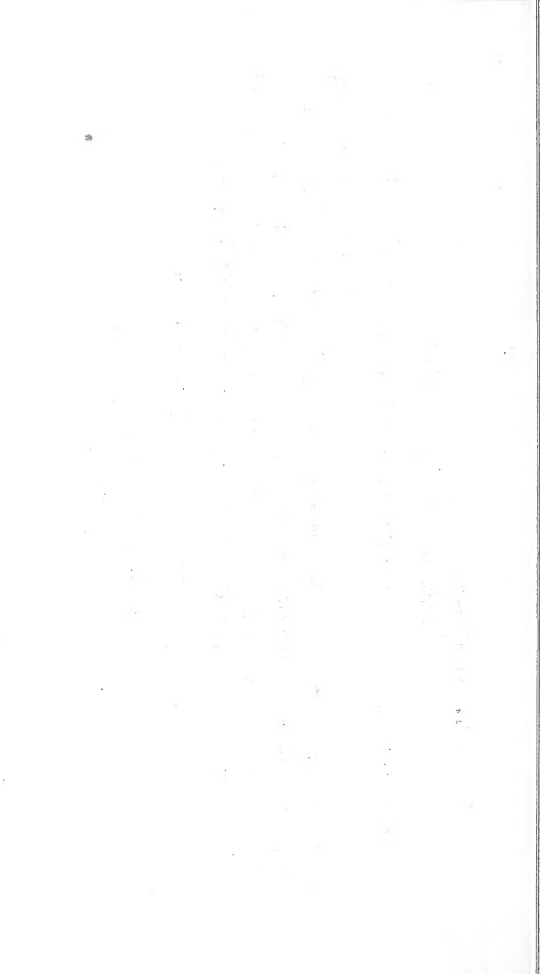
Item from the Tribune of October Seventeenth

"President Taft was yesterday presented with a basket of figs of the pure food variety. The figs, it is assumed will neither be conserved nor preserved. They belong to the luscious variety known as the "Kadota," and are the same sort as the president ate and appreciated during his visit here two years ago."

Trees and cuttings of this variety for sale at prices within reach of all.

LOUIS F. SCRIBNER

PASADENA, CAL., U. S. A.



SOME OF OUR
REGULAR LINES

NOT LISTED IN THIS CATALOGUE.

STEAM ENGINES
SAW MILLS
THRESHERS
CORN HUSKERS
HAY PRESSES
HAY BALE TIES
ENSILAGE CUTTERS
FEED CUTTERS
SILOS
GRINDING MILLS
HORSE POWERS
ROAD SCRAPERS
DUMP WAGONS
CONTRACTORS' WAGONS
FARM TRUCKS
FARM CARTS
WAGON TANKS
WINE PRESSES
STANDARD MEASURES
ROPE
CARRIAGE HEATERS
DEHORNERS
PUSH CARTS

POST HOLE DIGGERS
LIFTING JACKS
KRAUT CUTTERS
LAWN SWINGS
LAWN ROLLERS
LANTERNS
LOAD BINDERS
LUBRICATING OILS
LARD PRESSES
MEAT CHOPPERS
ROOT CUTTERS
GRAIN BAGS
BINDER TWINE
FORKS
SHOVELS
SPADES
HOES
RAKES
AXES
HATCHETS
NAILS
HAND SAWS
SCYTHES, ETC.

We Solicit Correspondence in regard to any of the
above and will send special circulars
and prices upon request.

The I. W. SCOTT CO.

3 and 5 Graeme Street
514 Liberty Avenue

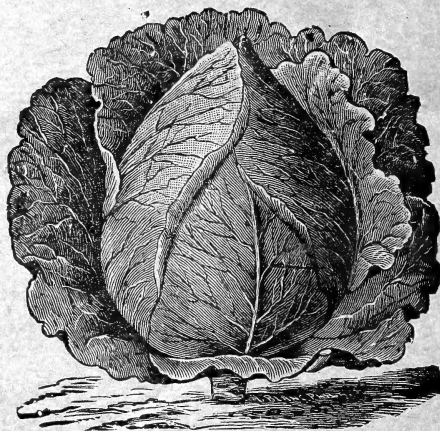
PITTSBURGH, PA.

SEEDS AND FARM MACHINERY POULTRY SUPPLIES

Garden and Field Seeds

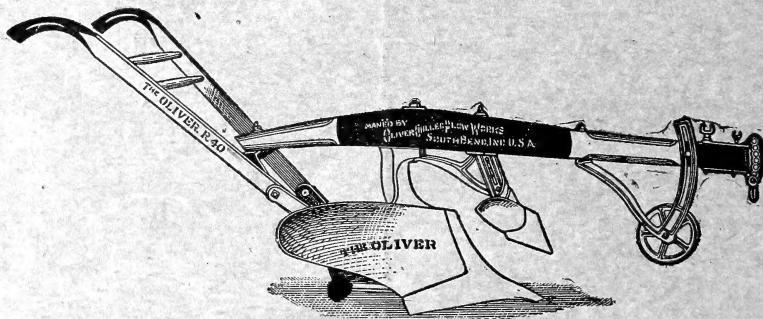
Our stock comprises every kind of seed that is of any value on a Pennsylvania farm or market garden.

Our aim is always to furnish good seeds rather than sell at low prices.



Agricultural Implements

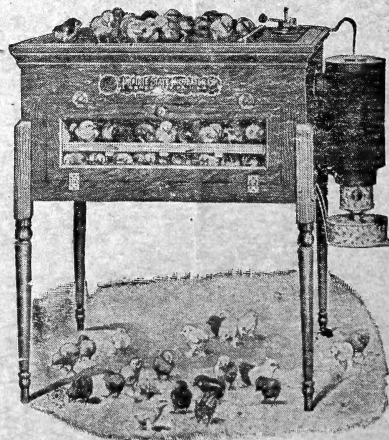
Our implements—from the Plow to the Threshing Outfit—are all of standard makes and up-to-date in improvements.



Poultry Supplies

We carry the largest variety of standard Poultry Supplies to be found in Western Pennsylvania.

Catalogue of any of the above lines free upon application



Mail Orders

Our mail order trade is rapidly growing each year, and customers at a distance can depend on getting the same careful attention as the purchaser who comes to our store.

Everything for Farm, Garden and Poultry