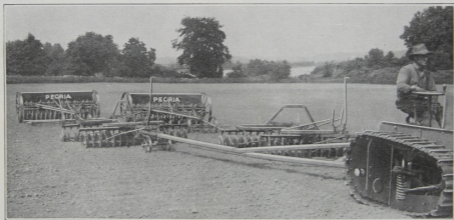


CATALOGUE 523

# Peoria Seeding Machinery



Manufactured by

**PEORIA DRILL & SEEDER CO.**

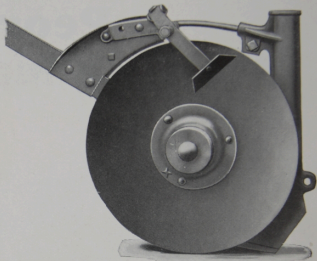
PEORIA, ILLINOIS, U. S. A.

Printed in U. S. A.

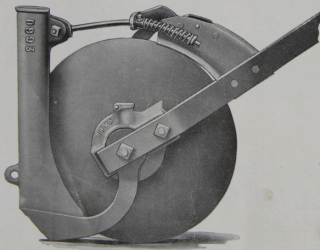
## New Peoria Single Disc Shoe

The disc-shoe is a combination disc and shoe, embodying the single disc, for opening the furrow, cutting trash and penetrating hard ground, and the shoe, for forming the furrow and properly depositing the grain. The disc simply cuts the way; the shoe follows in the cut made by the disc and forms the furrow.

for *Front-Lift Drills*



Disc-Shoe showing concave side of disc



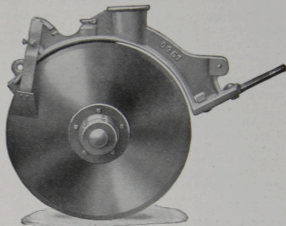
Disc-Shoe, showing convex side of disc

The forward end of the shoe is pivoted to the disc bearing and works independently of the disc. After the disc opens the furrow, the shoe follows directly behind and forms a perfect furrow and deposits the grain on a packed seed-bottom, which insures the seed the three essential requirements for small grain—heat, air and moisture.

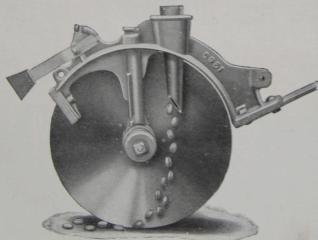
## New Peoria Double Disc for *Front-Lift Drills*

To those who prefer double-disc furrow-openers we invite careful comparison of the New Peoria Double Disc with others. The common trouble with double discs has been in the bearings, it being necessary with other makes of double discs to purchase an entirely new shank, or resort to tedious and expensive work in order to replace the bearings.

The Peoria is the only double-disc construction which permits the discs to be held tightly together in front, no matter how much the discs are worn in diameter.



A complete double disc, side view



One disc removed, showing front delivery of seed, oil-conductor, inside scraper and component parts



The deposit of the seed is in front of the bearings, so the seed comes in contact only with that part of the disc which is moving downward, insuring even distribution at the bottom of the furrow.

The scrapers are of the right design to clean the discs. The inside scraper will not wear, squeak or bind the discs and cause them to slide, cut the discs or wear the edges off the blades.

Single draw-bars, made extra stiff, attach the discs to the frame.

The disc blades are made of high grade steel, perfectly straightened and the edges are ground sharp.

## New Peoria Front-Lift Drills

The New Peoria Front-Lift Drills embody many new and practical ideas which will strongly appeal to any farmer.

Note particularly the Drop Frame, the single Disc-Shoe Furrow Opener, the Double Run feed which eliminates the old style oats agitator, the New Style machine cut Steel and Bronze Worm-Gear Drive for the Feed and the Double Disc Furrow Opener.

The Bearings in both the Single Disc-Shoe and the Double Disc Furrow Openers are guaranteed for the life of the drill.

All drills are regularly equipped with Seat but can be equipped with Foot-Board if desired.

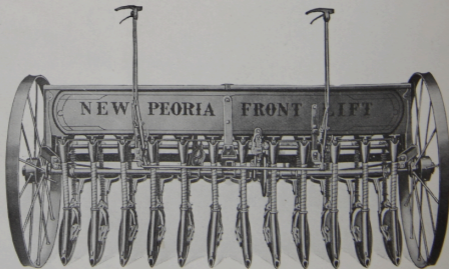
All drills are equipped with Horse Hitch as standard equipment. We can furnish an Angle Steel Tractor Hitch for any size drill either as regular hitch equipment or as an extra hitch equipment. The Tractor Hitch is built very strong and distributes the draft evenly and will not bend or twist the frame.

We also build a Power Lift Attachment which attaches to the frame and may be easily attached to any New Peoria Drill in the field.

Plain drills made in following sizes:

12-Disc 6-inch	24-Disc 6-inch	12-Disc 7-inch	10-Disc 8-inch	16-Disc 8-inch
16-Disc 6-inch	28-Disc 6-inch	14-Disc 7-inch	12-Disc 8-inch	18-Disc 8-inch
20-Disc 6-inch	10-Disc 7-inch	18-Disc 7-inch	14-Disc 8-inch	20-Disc 8-inch

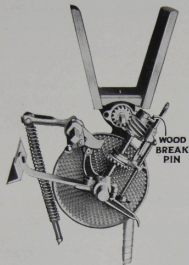
The Peoria Front-Lift Drills embody many new and practical ideas which will strongly appeal to the farmer. Note particularly the Drop Frame, the Disc-Shoe Furrow - Opener the Grain-Feed, the Worm-Gear Drive for Feed and the Double-Disc Furrow-Opener with guaranteed bearings.



12-7-Disc Shoe Drill, 7 Feet

## New Peoria Front-Lift Drills

(Details)



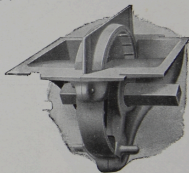
sleeve and the drive-shaft by means of a Wood Break-Pin—an exclusive Peoria feature.

## Machine Cut Steel Worm and Bronze Gear

A worm-wheel on the feed-shaft is rotated by the worm on the drive-shaft and turns the feeds, giving the smoothest, strongest and lightest-running drive on any grain drill.

The worm-gear driving parts are incased in a dust-proof housing and run in grease, a compression grease-cup being provided for replenishing the supply.

Standard  
feed  
for all  
New  
Peoria  
drills



## Driving and Feed Regulating Device

To regulate the quantity of grain which may be sown we use a multiple gear on the drill-axle. A sliding pinion mounted on a drive-shaft meshes with the different rows of cogs in this multiple gear and, by shifting the indicator, is easily and conveniently set at any of the thirteen different changes of speed, so as to cause the feeds to sow any desired quantity of grain, from two pecks to five bushels per acre.

The power is delivered to the feed-shaft by means of a worm loosely mounted on a sleeve at the upper end of the driving-shaft. This worm is held in operative relation to the

## New Peoria Double Run Feed

We use a large feed-wheel in our Double-Run Feed, and it extends into the box to assist in agitating the grain; it also permits running the feeds more slowly, giving grain more time to lodge in feed-wheel, which insures uniformity and lessens liability of cracking the seed. Sows accurately oats, rice, corn, peas, beans, wheat and flax without bunching seed.

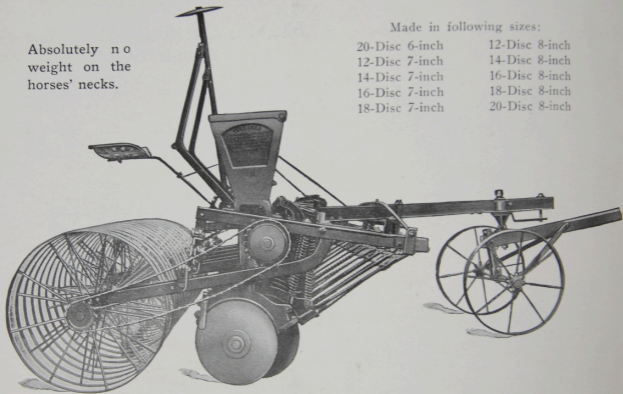
## PEORIA PRESS DRILLS

Are designed for use in semi-arid regions and where packing of the soil is necessary to retain moisture and prevent seed from being blown from the furrow by the heavy winds.

Absolutely no weight on the horses' necks.

Made in following sizes:

20-Disc 6-inch	12-Disc 8-inch
12-Disc 7-inch	14-Disc 8-inch
14-Disc 7-inch	16-Disc 8-inch
16-Disc 7-inch	18-Disc 8-inch
18-Disc 7-inch	20-Disc 8-inch



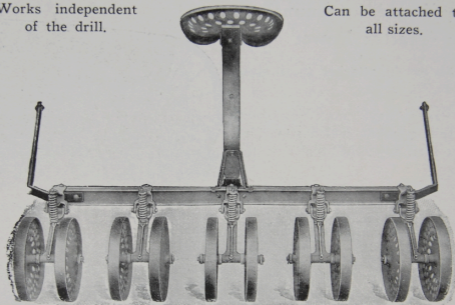
Angle steel frame. Wide tire steel press wheels. Double run feed. Can be quickly converted to an end wheel drill by ordering the two end wheels and detaching the press wheel gangs. Markers supplied only on special order.

Pressure is applied to discs and discs raised by the same convenient and easy method as our high wheel drills. No lifting of the entire frame and grain hopper when raising the furrow openers.

## Peoria Press Attachment for End Wheel Drills

Works independent  
of the drill.

Can be attached to  
all sizes.



Peoria press attachment for making press drills out of end-wheel drills

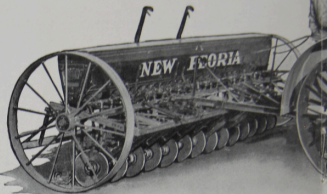
This attachment works independently of the drill and therefore does not cause neckweight or reduce the pressure on the discs. It carries the weight of the driver, which gives ample pressure on all the wheels. It does not have to be lifted when turning. Wheels are webbed to prevent the catching of trash. Bearings in wheels are chilled. The attachment is made entirely of steel and iron.

Press attachments are used extensively in the Western and Southwestern states. Easy to attach and detach. We were the originators of this popular attachment.

## Peoria Drills are Built to do Practical Work in all the Soils of the World, for Animal or Tractor Power

Power lift can be attached to all sizes of Peoria Drills.

Peoria Drills have more exclusive practical selling points which appeal to the farmer than any other make on the market.



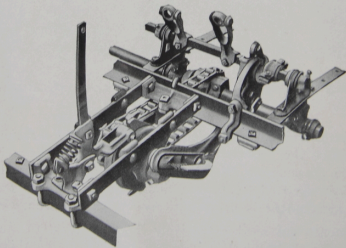
Rear view of 25-disc-shoe 4-inch

### Power Lift Attachment

The simplest Power Lift made. Easily attached to any New Peoria Front Lift Drill.

Power Lift driven by chain from axle.

Simple adjustment provides depth adjustment for disc.

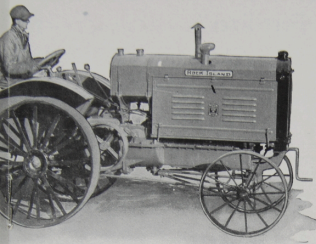


Above cut shows position of Power Lift when disc are raised

Power Lifts are extra on tractor drills.

Can also be supplied extra for all New Peoria drills now in the field, and can be easily and quickly attached.





## Peoria Drills are Built to do Practical Work in all the Soils of the World, for Animal or Tractor Power

All Peoria Drills are interchangeable with single disc, double disc, shoes or hoes, Wood or steel wheels. Horse or tractor hitch. Hand or power lift. No other drill makers offer all these features which are most valuable to farmer or dealer.

Tractor drill with Extension Hopper



No. 101 showing 20-disc equipped with tractor hitch Power lift and truck. When using drill behind plow or disc harrow, a truck should be used. Small cut shows hitch arrangement when truck is not used.

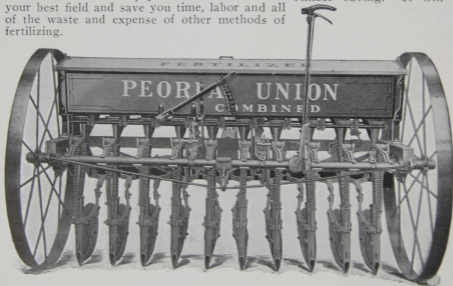
## "Brains and Fertilizer"

The use of fertilizer has become a necessity to modern agriculture. In overseas lands are farms which after hundreds of years of the most intensive cultivation are today more productive, more profitable to their owner, than when first broken by the plow.

The American farmer, with his once rich virgin soil, is beginning to learn that by taking everything from the ground and returning nothing he is headed straight for agricultural bankruptcy, and that every dollar spent on good fertilization is better invested than a dollar in a savings bank. But fertilizer, to be most effective, must be mixed with brains.

And the Peoria Fertilizer Drill is offered as a logical answer to the question of how to fertilize intelligently.

With this tool the grain and fertilizer are sown at a uniform depth in a perfect seed-bottom and can be handled rapidly, effectively and economically. It will pay for itself in short order in increased crop yield and in seed and fertilizer saving. It will make your poor field your best field and save you time, labor and all of the waste and expense of other methods of fertilizing.



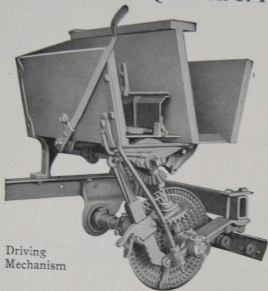
- 10-disc, 8-inch
- 9-disc, 7-inch
- 10-disc, 7-inch
- 11-disc, 7-inch
- 12-disc, 7-inch
- 13-disc, 7-inch
- 14-disc, 7-inch
- 16-disc, 7-inch

Here is the tool for the man who wants to handle fertilizer economically. He can get just what he wants on any field or any part of any field. With this drill he can instantly ginger up the poor spots on the farm and save the price of the drill in his savings in fertilizer.

This drill is regularly equipped with the disc-shoe, our special improved double-run grain-feed and improved Star fertilizer feed, and makes a combination which has proved itself the best and most economical combined fertilizer drill made. The Peoria Union Combined Drill is the last word in drill perfection. Think of it! With this drill, and without an additional part, seventy different gradually increasing quantities of fertilizer can be sown.

We recommend this drill to handle perfectly any kind of fertilizer made.

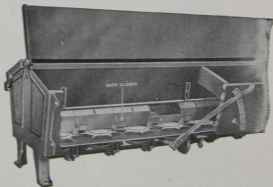
## This Combination Makes Fertilizing an Exact Science and Is the Answer to the Question of How to Drill Fertilizer Intelligently



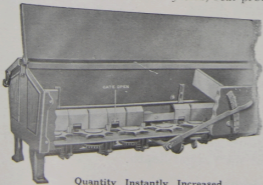
Driving Mechanism

This new perfect driving mechanism offers the most clocklike arrangement for intelligently placing fertilizer just where it will do the most good. By the simple raising and lowering of the indicator seventy different changes of amounts of fertilizer may be sown. There is no complex mechanism. It is unnecessary to carry extra cogwheels. We are giving you the same popular, successful mechanism for sowing fertilizer that has for years been used so successfully on the grain-feed of Peoria Drills. We are putting you in shape to make every penny spent for fertilizer come back to you in dollars through increased yield.

When you come to a part of the field where you want extra fertilization, a simple movement of the lever shown at the right enables you to open the gate-bar and increase the amount of fertilizer. This means uniform yields, real profits.



Quantity Instantly Decreased



Quantity Instantly Increased

Another movement of the little lever closes the gate-bar and decreases the amount of fertilizer sown. This enables you to stop waste, to put every pound of fertilizer just where you want it, to insure big, uniform yields

## Peoria Harrow, Alfalfa and Grass Seeder

The Only Tool of Its Kind in the World.

A method of seeding designed and built by a Farmer to save many hours of labor and many pounds of expensive seed.

Thousands of Farmers throughout the United States, Canada and many foreign countries increase their profits every year with this wonderful Seeder. WHY NOT YOU?

Made in sizes to fit any Wood or Steel, New or Old Harrow.



Equipped with positive and reliable fluted force feed which is adjustable to any desired quantity.

Driven with the positive chain drive which insures even distribution. Can be attached in a few minutes time by merely bolting to the Harrow evener bar. The draft holds seeder up in correct position.

Sows the seed and cultivates the soil in one operation. Cuts field work in half. Pays for itself the first season. A better stand with less seed is assured, due to uniform distribution and prompt covering of seed at the proper depth.

Write for full descriptive and illustrated circular.

## "Victor" Inside Hopper Seeder

### POSITIVE FORCE FEED

The **Victor Seeder** was made to satisfy the demand for an inside hopper seeder and has many advantages over other seeders.

No Grain is wasted in filling.

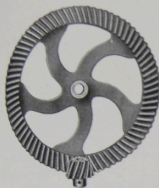
Hopper is easier to fill.

Can be thrown in and out of gear while standing in the wagon.

Has **helical gear**, steel fans, and is furnished either with or without grass seed attachment.

It is acknowledged by all to be the best endgate seeder ever placed on the market.

Even distribution of the seed is the most desirable feature of the "Victor" Endgate Seeder.



Improved Helical Gear

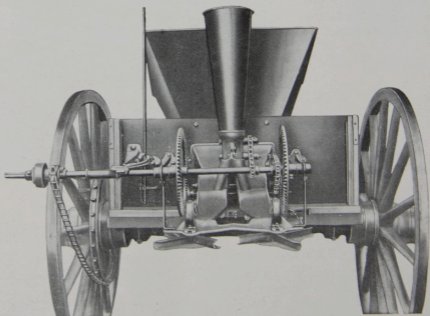
### CASTS

Timothy	30 feet wide
Clover	45 feet wide
Oats	45 feet wide
Alfalfa	45 feet wide
Rye	60 feet wide
Barley	65 feet wide
Wheat	65 feet wide

Does quieter and better work.

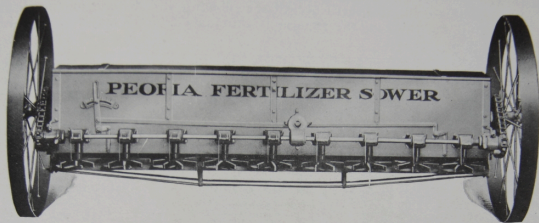
Convenient to operate.

Neat and Attractive



(Inside Hopper)  
(Helical Gears)  
(Double Fan)

THE GREATER HARVESTER GETTER  
Peoria Lime Distributer and Fertilizer



Permit us to again remind you that most farmers know that intelligent fertilization—at comparative small cost, repays in fertile fields, and bigger crop production.

In many cases, corn is increased to 5 bushels more per acre. Alfalfa Hay is increased to 735 pounds more per acre. Wheat gains 9.5 bushels more per acre. Such gains as these are not uncommon when the soil is dressed with fertilizers.

Here we show the Peoria Wheel Fertilizer Sower—one of the three implements that farmers want. This machine is designed more particularly for those who desire to sow high priced fertilizers in very accurate and small quantities. Used successfully in nearly every state in the union. In fact, all over the world.

Read these few points, they will give you an idea of its construction and operation.

The Peoria Wheel Fertilizer Sower has an extra strong and large hopper. The feeding mechanism is driven by worm gears, well protected with dust proof cases.

Fertilizers (wet or dry) are carried by the shaker bar to the feeder—then direct to the distributor blades. The machine is built low to prevent fertilizers from blowing in case of winds. Spreads 8¼ feet wide. Can be attached behind farm wagons with very little effort.

Operator knows, at a glance, the amount of fertilizer that is being spread—the Sight Force Feed insures that. This permits spreading in varying or even amounts—from 100 to 6,000 pounds per acre. Handles all kinds of fertilizers such as Ground Limestone, Gypsum, Phosphate, Peat, Slag, Potash, Plaster, etc.

## THE PEORIA PLOW DRILL

Grain drilled in the spring wheat sections with this drill last season came up two to three weeks earlier and produced better crops. One man can, with a three-bottom plow and this drill, do practically all the plowing and drilling on the ordinary size farm. Stop and think of the time and labor saved. Each day's work finishes a job.



Plow, Cultivate, Drill and Pack the Soil in One Operation. Save Time, Save Labor. Insure Against Frost and Dry Weather. Brings Increased Yield.

The above cut illustrates a 7-disc 6-inch drill but we recommend and have adopted the 6-disc 7-inch as the standard size we will offer to the trade. Built with single disc, double disc, or shoes. Can be used with 2-bottom plow by removing two discs. Easily attached. Follows perfectly. Adds very little draft. Can be thrown in and out of gear from plow. Conserves moisture, prevents the soil from blowing out, gives a more even stand.

SEND FOR SPECIAL CIRCULAR

PEORIA DRILL & SEEDER CO., Peoria, Illinois