

Superior Corn Planters

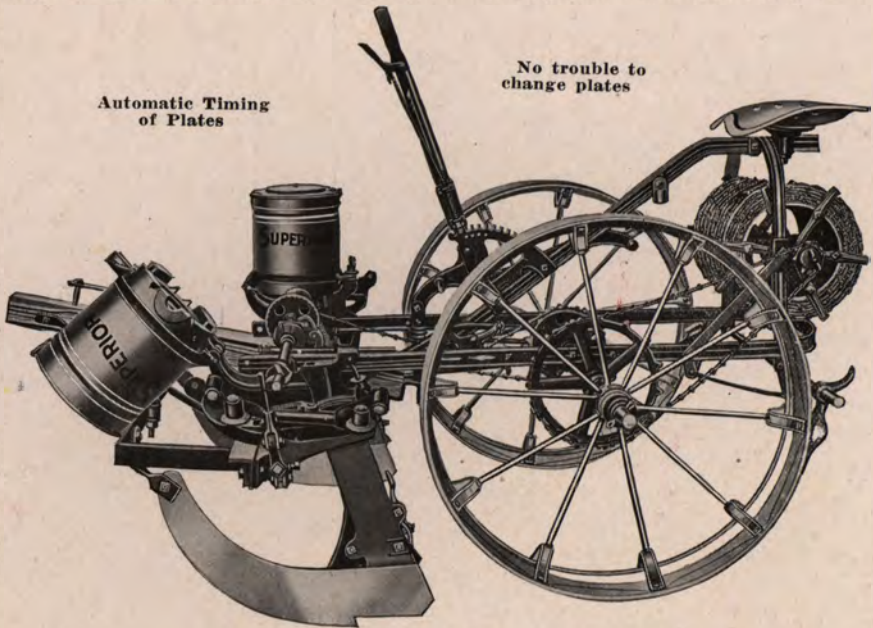
No. 6

MANUFACTURED BY

The American Seeding-Machine Co.
INCORPORATED
Springfield, Ohio, U.S.A.

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SUPERIOR No. 6 CORN PLANTERS



Side View Superior No. 6 Plain Runner Corn Planter

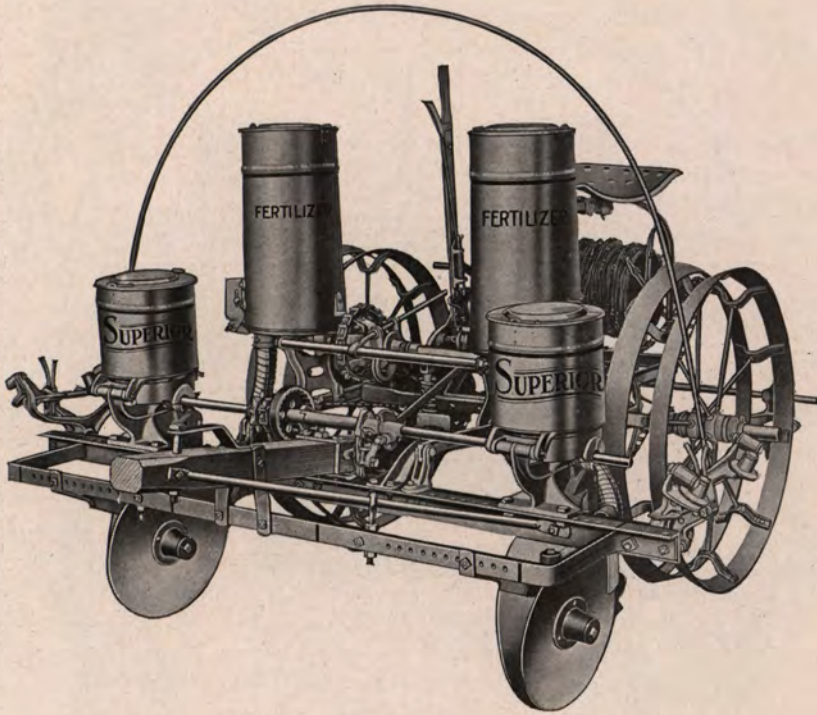
The illustrations in this Catalog will clearly demonstrate the many desirable features of the No. 6 Superior Corn Planter—features that are exclusive and of vital importance to the corn grower who desires to plant his corn so that it is easily worked and will yield the greatest number of bushels per acre.

The cut on this page shows a side view of the Superior No. 6 Check-Row Plain Runner Corn Planter. Note the Center Lever, Center Reel, the strong Channel Steel Frame, the convenient manner in which the Seed Hoppers tip over for examination or changing of plates.

Fertilizer Attachment can be quickly placed on Plain Planter at any time.

Single Discs or Double Discs are interchangeable with Runners.

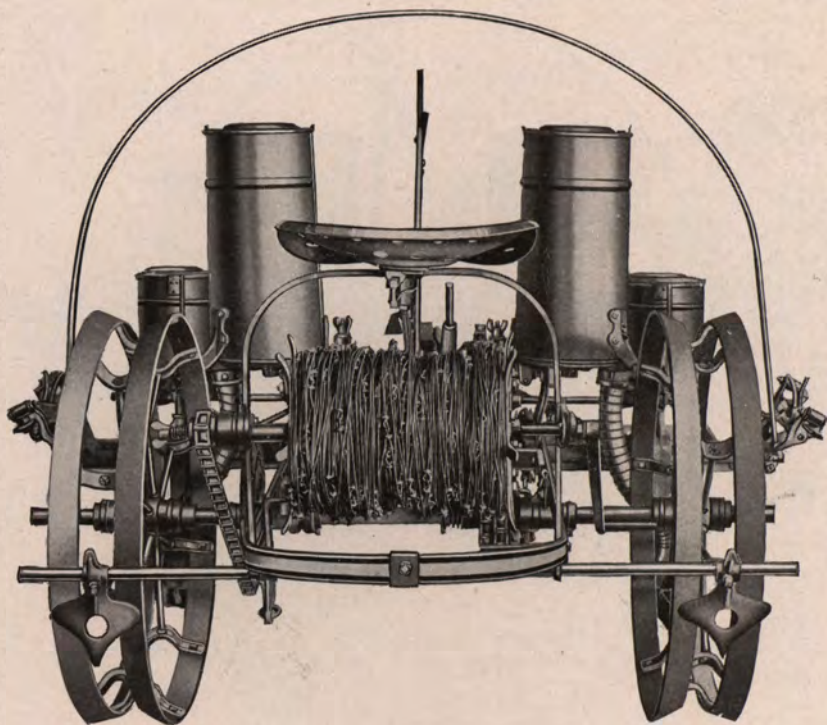
SUPERIOR No. 6 CORN PLANTERS



You can get a good idea of the Superior No. 6 Double Disc Fertilizer Corn Planter from the above illustration. Notice the Arch for marker rope, furnished with all Superior Planters. Very convenient for easy changing of the marker from one side of Planter to the other. See page 7 for description and cut of Double Discs.

The Fertilizer attachment requires no additional sprocket wheels, collars, springs or clutches (just an extra chain), and when once placed, the adjustments as to widths thereafter become automatic. An independent fertilizer drive, strongly appealing to the user. The fertilizer hopper is of great capacity and made of **galvanized** material. It is hinged and can be thrown back for examination of feeders. Vibrating spouts—never clog. Patent fertilizer valves, new design; never fail; quick acting.

SUPERIOR No. 6 CORN PLANTERS



Each Superior No. 6 Corn Planter is furnished with complete Edge and Flat Drop equipments. The purchaser can use the type best suited to his seed corn.

Runners, Single Discs or Double Discs are furnished at option of purchaser.

Widths of adjustment are from 28 to 48 inches in two-inch spacings. Can be used as a **combination planter for beans, peas, etc., as well as corn.**

As will be seen the Lifting Lever is in center of Planter. It can be locked in a floating position. Superior Planters throw out of gear automatically when the furrow openers are raised out of the ground.

When lever is locked for work in uneven ground, the dropping mechanism is not affected. This automatic throw-out device is patented and possesses many advantages not found on other planters.

SUPERIOR No. 6 CORN PLANTERS



Superior Plain Runner Post

On this page are three views of the Runner Post for the Superior No. 6 Corn Planter with side piece removed, showing the operation of the valve. No springs or complicated parts are used. The construction is such that mixed hills or "double dropping" is impossible.

In the cut to the right, seed is shown in both upper and lower valves. When the button trips the dropping mechanism the lower valve is carried back under the shut-off in the lower end of post, (see left hand lower cut) closing it from above, but at the same time dropping the hill it contains into the furrow. The upper valve holds

its hill until the lower valve is entirely closed, then drops it upon the shoulder of the shut-off, from which it falls into the lower valve when same closes. Thus mixing of hills is prevented no matter where the check fork may be stopped in its stroke.

The lower right hand view shows the valves set for drilling. This is accomplished by reversing the valve shut-off, in the bottom of the post and locking back the check shaft by means of the foot drop lever. The seed has a straight, unobstructed drop to the furrow, making even spacing almost certain. No tools of any kind are required to change the position of the valves, making it most convenient for the operator.



Superior Plain Runner Post with side piece removed showing valves closed.

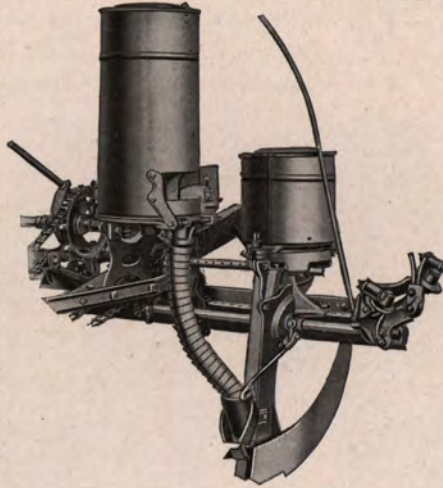


Superior Plain Runner Post with side piece removed showing valves open.



Superior Plain Runner Post with side piece removed showing valves set for drilling

SUPERIOR No. 6 CORN PLANTERS



This illustration shows the Superior Fertilizer Attachment which can be placed on Plain Superior No. 6 Corn Planters and Two-Row Corn Drills at any time. It will be seen that the Fertilizer Hopper is extra large, and smaller at the top than bottom. Fertilizer settles to feeders without clogging. The Feed is the celebrated Finger Force Feed, sowing all brands of standard Commercial Fertilizers in a sufficient range of quantities to meet all requirements. The regular equipment, Feeder S-119, sows per acre, approximately 55 to 175 lbs. for 40-inch rows, 50 to 165 lbs. for 42-inch rows and 45 to 160 lbs. for 44-inch rows. Special feeders, providing for still greater ranges of quantity, can be furnished on order. For extremely large quantities, special sprocket gear (No. S-444) for the fertilizer shaft can be furnished, which increases the quantities shown on tables 50 per cent. Changes of quantity are easily made. The fertilizer tube or spout is ribbon steel, of extra-large diameter. The vibratory motion of this Ribbon Steel Tube, caused by the fertilizer valve action in opening and closing, prevents any possibility of the fertilizer clogging in the tubes. This is a patented feature. The fertilizer hoppers tip over for examination.

NOTE THESE FEATURES:—

Patent Vibrating Ribbon Steel Fertilizer Conductor Tubes. Clean inside.

Patent Non-Clog Fertilizer Valves.

Patent Self-Seating Valve Plate.

Adjustable Fertilizer Valve Rod.

The simplest and most effective Fertilizer Attachment on any Corn Planter.

Fertilizer may either be deposited in hills or drilled in the row, when checking the corn.

SUPERIOR No. 6 CORN PLANTERS

Most perfect working Single Disc Corn Planter furrow opener on the market. Best for hillside work and hard, trashy ground.

The angle of both right and left-hand discs is correct. They **run steadily and directly in line of draft**, and shape the bottom of trench properly.

The oiling feature is like the Double Disc, thoroughly protected by internal and external felt washers.

The disc is adjustable to and from the shield. The only device so constructed—a patented Superior feature.

Scrapers for concave side of disc, simple and effective.

Covering blades supplied free with Single Disc furrow openers.



Convex Side Superior No. 6
Corn Planter Single Disc

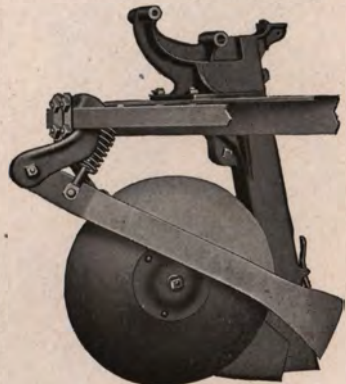


Superior
Double Disc
Furrow Opener

The cut to the left shows the Superior Double Discs, so constructed that a splendid furrow is opened and corn deposited at any required depth and properly covered. Dust-proof oil cups, for lubricating the disc bearings. The chilled disc cone bearings, or spindles, are cast solid to the post. The discs are always in the right position. They cannot change. The construction is such that there is no ridge left in the middle of the furrow, (a special feature), and when the kernels of corn are dropped they will separate a little, thus all crowding of the stalks is avoided.

Cut to the right shows the Blade Coverers which are sent free with all Single Disc No. 6 Corn Planters.

Covering Blades can be furnished for Double Disc No. 6 Superior Corn Planters, but not unless specially ordered and an additional charge is made for same.



Superior Single Disc Furrow
Opener Showing Cover-
ing Blades

SUPERIOR No. 6 CORN PLANTERS



Superior Flat Drop Plate



Superior Edge Drop Plate



Edge Drop Cap



Flat Drop Cap

Plates with 16 cells are furnished for check row planters. Two each **small, medium and large, flat drop**; and **small, medium and large, edge drop** plates, together with two flat drop and two edge drop caps comprise the **regular equipment**. Special plates for Beans, Peas, Peanuts, Kafir Corn, Beet Seed, etc., can be furnished. All plates other than regular equipment furnished at small additional cost.

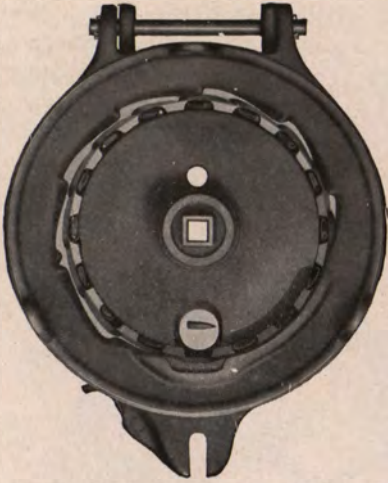
The seed plates have a smooth continuous rotary motion, **non-intermittent**. The cells of the edge drop plates are helped in their filling by means of the bevels on the plate coinciding with the ratchet faced bevels of the hopper bottom, both of which co-operate with the alternately appearing and disappearing floor of the edge drop seed rings, the combined result of which is a most effective and perfect filling of the cells.

12 cells (edge selection) are always exposed for filling. This is an important item in the makeup of a successful corn planter hopper mechanism.



Superior Gear Ring
for both Flat and Edge
Drop Plates. Provided
with 16 teeth. Used on
Check Row Planter
Only.

SUPERIOR No. 6 CORN PLANTERS



The gear ring, illustrated on preceding page, upon which both edge and flat drop seed plates rest is provided with 16 teeth. The pinion, driving same has 4 teeth. Plates always time properly; no precaution necessary in closing the hopper. Open or close at any point, always in perfect time for checking.

The Superior Variable Drop

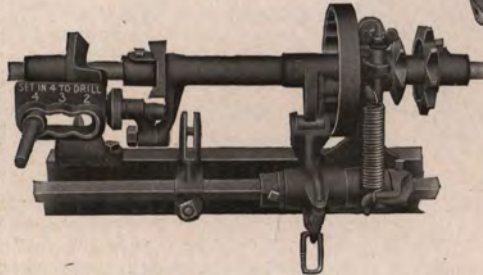
By means of this extremely simple device shown in cut below, the operator may drop 2, 3, or 4 kernels in a hill without dismounting from the planter or changing seed plates. A lever within convenient reach moves the cam controlling the clutch roller so that this variation of kernels in the hill may be obtained; this without leaving the seat or stopping team.

This device is furnished on Check Row Planters only.

16-Hole plates are always used in checking to drop 2, 3 or 4 kernels in a hill.

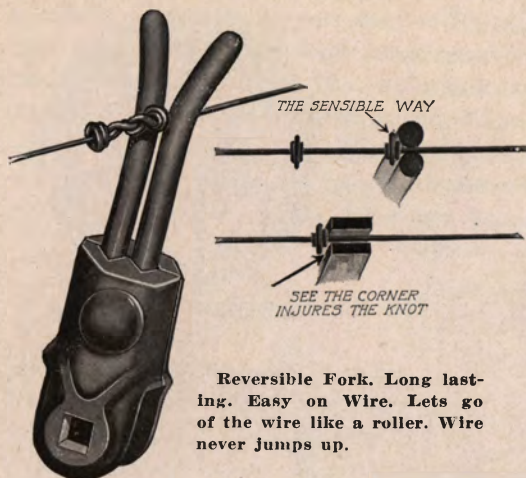
When planter is changed from hilling to drilling, the lever should always be set in the No. 4 notch, thereby securing uninterrupted rotation of plates.

Note—An 8-hole plate may be used in combination with the Variable Drop Device. Set at No. 4 notch, 2 kernels per hill will be obtained; set at No. 2 notch, 1 kernel.



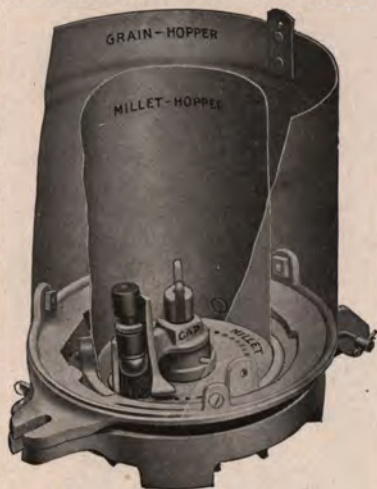
Variable Drop Device set in 4 for planting
Four Kernels in a Hill.
Furnished on Check Row Planters only.

SUPERIOR No. 6 CORN PLANTERS



Reversible Fork. Long lasting. Easy on Wire. Lets go of the wire like a roller. Wire never jumps up.

The opposite view shows the adjustable Seat, Center Reel and Drive Sprocket, Friction Clutch on Reel and Foot Lever for Scraper. Simple and Plain Construction. Wire wound on a drum. No kinks or short bends in wire when wound on this reel.

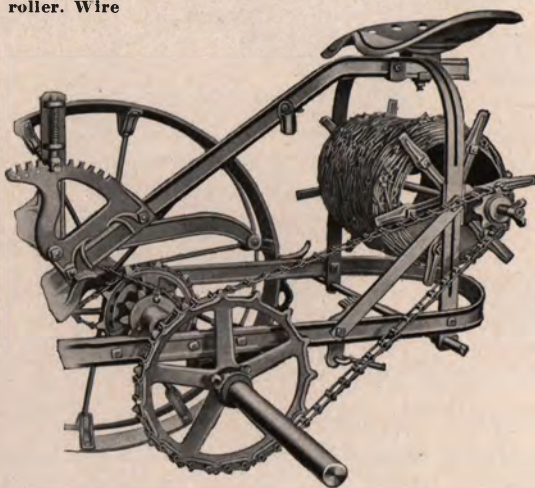


outside of the seed cells is a galvanized iron hopper made fast to said plate, the revolution of the plate also revolves the hopper; the outer corn hopper, as before, remaining stationary. The cap, also the brush, within the millet hopper does not revolve; this construction makes leakage or crushing of seed impossible. As easily put into the corn hopper as the ordinary flat plate.

Furnished as an extra at moderate cost for Superior Corn Drills and Planters. (Patent applied for.)

The illustrations to the left show the Superior Reversible Check Fork. Does away with injury to the knot. No undue strain on the wire. Allows the knot to make a quick "get away."

There are many things to consider when buying a corn planter, and this is one of them.



MILLET SOWING PLATE

In many sections millet is sown in rows. Corn planting machinery is best adapted to the purpose, both two-row and one-row machines being used.

Millet Plates have heretofore been provided, not differing in form from regular corn plates, excepting in size of holes. Such plates did not prevent the mashing of fully one-half the seed; hence were failures.

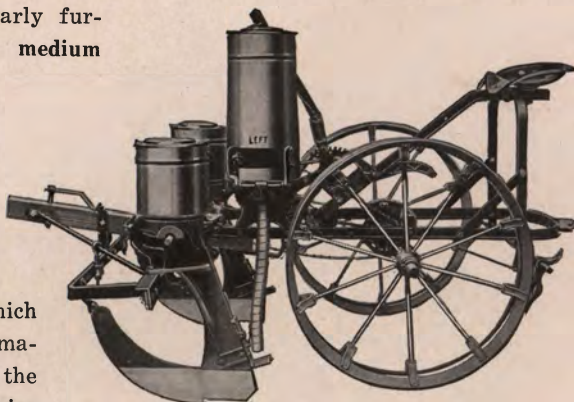
The Superior Special Millet Sowing Device is built on an entirely new principle, and consists of a plate with proper size seed cells and spacing. Rising from a flange

SUPERIOR TWO-ROW CORN DRILL

The Superior Two-Row Corn Drill is furnished in Plain and Fertilizer styles, with either Runner, Single Disc or Double Disc furrow openers. All Superior Two-Row Corn Drills are supplied with both Flat and Edge Drop Plates.

Plates 12 cells are regularly furnished two each with **small, medium and large flat drop**, and **small, medium and large edge drop**. All plates other than regular equipment furnished at slight additional cost.

The principles upon which this simple and effective machine is built are practically the same as the standard Superior Check Rower Corn planter.



The Superior Plain Two-Row Corn Drill

Used only for drilling. No clutch is provided, no check heads, foot drop or valve mechanism. The feed shaft runs continuously. Positively the best constructed two-row corn drill on the market. An independent drill. Throws out of gear automatically. Centrally located lifting lever.

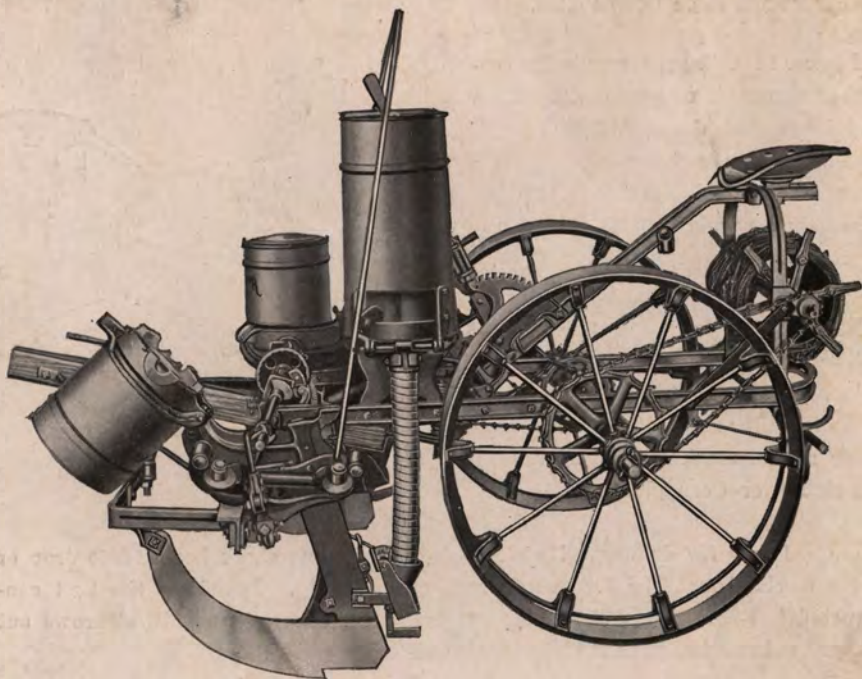
Accuracy in Drilling. It is just as essential to have the kernels of corn properly spaced in the furrow as it is to drop a predetermined number of kernels in a hill. The kernels are conducted to the furrow as regularly as the plates dispose of them.



Drill Runner and Post with Side Plates Removed. No Complications

Regular widths of adjustment, 28 inches to 48 inches. Eleven different widths in one machine. Feed shaft furnished with **two sprocket wheels**, which together with three different size drive sprockets and twelve-hole plates regularly supplied, give distance of 10, 12, 16, 18, 20 and 26 inches apart in the row.

Special plates for dropping distances not included in above can be shipped on order.



Superior Seed Hoppers have double hinge-back bottoms for examination or changing of plates. A continuous movement of plates. No jerking to fill cells; shape of hopper bottom causes cells to fill.

The square shaft for check forks and other fittings to prevent slipping or lost motion must not be overlooked.